



SELCOPYi SMF Utilities

Release 3.50

8 Merthyr Mawr Road, Bridgend, Wales UK CF31 3NH

Tel: +44 (1656) 65 2222
Fax: +44 (1656) 65 2227

CBL Web Site - www.cbl.com

This document may be downloaded from www.cbl.com/documentation.php

Contents

Documentation Notes.....	1
Introduction.....	2
Overview.....	2
Online/Offline SMF Records.....	2
SMF Record Types.....	2
SELCOPYi Structure User Library.....	5
SELCOPYi Structure Usage.....	5
Browse and Extract Record Mapping.....	6
Report Record Mapping.....	6
Primary/Secondary Segments.....	6
Structure Definition Source.....	7
Using SMF Utilities.....	8
BROWSE.....	8
Browse Basic Layout.....	8
Browse Basic Layout Display.....	9
Browse Full Layout.....	10
Browse Full Layout Display.....	11
View Lines of Suppressed Segment Types.....	11
Hide Excluded or Suppressed Record Shadow Lines.....	12
Display Focus Record Layout.....	13
View a Single Record in a new Display.....	14
Scrolling in Single Record View.....	14
Browse Commands.....	15
NEXT / PREV.....	15
PRINT / XMLGEN / CSVGEN / JSONGEN.....	15
SELECT.....	15
SMFFLD.....	15
VBASE.....	15
VIEW.....	15
ZoomW Key.....	15
EXTRACT.....	17
Extract SMF Record Types.....	17
Extract Batch Job.....	18
Extract Selection Criteria.....	20
REPORT.....	22
Report - Basic.....	22
Report - Basic Definition.....	22
Report - Basic Panel Input.....	24
Report - Basic Output.....	25
Report - SORT, BREAK and TOTALS.....	26
Report - SORT, BREAK and TOTALS Definition.....	26
Report - SORT, BREAK and TOTALS Panel Input.....	27
Report - SORT, BREAK and TOTALS Job Stream.....	28
Report - SORT, BREAK and TOTALS Output.....	30
Report - REPEAT.....	31
Report - REPEAT Definition.....	31
Report - REPEAT Panel Input.....	32
Report - REPEAT Output.....	33
Report - FILTER.....	34
Report - FILTER Definition.....	34
Report - FILTER Panel Input.....	35
Report - FILTER Output.....	37
SMF Utilities Reference.....	38
Utility Panels.....	38
SMF Features Menu (=13).....	38
Browse Utility Panel (=13.1).....	39
Storage Management.....	39
Menu Bar Items.....	39
Panel Input Fields.....	40
Extract Utility Panel (=13.2).....	46
Menu Bar Items.....	46
Commands.....	46
Panel Input Fields.....	47
Report Utility Panel (=13.3).....	52
Sample Report Definition.....	52
Sample Report Output.....	53
Commands.....	53
Panel Input Fields.....	53
Primary Commands.....	59
SMFB.....	59
SMFBB.....	64
SMFCICSM.....	65
SMFEXTRC.....	67
SMFFLD.....	72

Contents

SMF Utilities Reference

REPORT.....	74
VBASE - SET/QUERY/EXTRACT Option.....	80
Creating your own "Commands".....	81
Example 1 - User command "SMFB30" to Browse SMF Type 30 records.....	81
Example 2 - User command "SMFR14" to Report on SMF Type 14 records.....	82
REPORT Definition.....	83

Appendix A: Sample Reports.....87

SMF 14 - Dataset Usage Statistics.....	87
SMF 42 - Usage and Performance Report for Selected DSNAME.....	87
SMF80 - RACF Event Log.....	89

Appendix B: SMF Record Layouts.....90

Record Type 0 - IPL.....	91
Primary segment: SMF000_IPL.....	91
Record Type 2 - Dump Header.....	93
Primary segment: SMF002_SMF_Dump_header.....	93
Secondary segment: SMF002_01_Sig_Group.....	93
Secondary segment: SMF002_01_Self_Def.....	94
Secondary segment: SMF002_01_ARECSIGN.....	94
Secondary segment: SMF002_02_Sig_Interval.....	95
Secondary segment: SMF002_02_Self_Def.....	96
Secondary segment: SMF002_02_ARECSIGN.....	96
Record Type 3 - Dump Trailer.....	98
Primary segment: SMF003_SMF_Dump_Trailer.....	98
Record Type 4 - Step Termination.....	99
Primary segment: SMF004_Step_Termination.....	99
Secondary segment: SMF004_Relocate.....	101
Record Type 5 - Job Termination.....	103
Primary segment: SMF005_Job_Termination.....	103
Record Type 6 - External Writer.....	106
Primary segment: SMF006_External_Writer.....	106
Secondary segment: SMF006_External_Writer_Enhanced_SYSOUT.....	107
Secondary segment: SMF006_External_Writer_IO_Data.....	107
Secondary segment: SMF006_External_Writer_Common.....	108
Record Type 6 - JES2 Output Writer.....	109
Primary segment: SMF006_JES2_Output_Writer.....	109
Secondary segment: SMF006_JES2_Output_Writer_IO_Data.....	110
Secondary segment: SMF006_JES2_Output_Writer_3800_NonImpact_Printing.....	111
Secondary segment: SMF006_JES2_Output_Writer_Common.....	111
Secondary segment: SMF006_JES2_Output_Writer_Enhanced_SYSOUT.....	112
Record Type 6 - JES3 Output Writer.....	114
Primary segment: SMF006_JES3_Output_Writer.....	114
Secondary segment: SMF006_JES3_Output_Writer_IO_Data.....	115
Secondary segment: SMF006_JES3_Output_Writer_3800_NonImpact_Printing.....	116
Secondary segment: SMF006_JES3_Output_Writer_Common.....	116
Secondary segment: SMF006_JES3_Output_Writer_Enhanced_SYSOUT.....	117
Record Type 6 - Print Services Facility.....	118
Primary segment: SMF006_Print_Services_Facility.....	118
Secondary segment: SMF006_Print_Services_Facility_IO_Data.....	119
Secondary segment: SMF006_Print_Services_Facility_NonImpact_Printing.....	120
Secondary segment: SMF006_Print_Services_Facility_Common.....	120
Secondary segment: SMF006_Print_Services_Facility_AllPoints_Printing.....	121
Secondary segment: SMF006_Print_Services_Facility_MultiBins_Header.....	123
Secondary segment: SMF006_Print_Services_Facility_MultiBins_Counter.....	123
Secondary segment: SMF006_Print_Services_Facility_Enhanced_SYSOUT.....	123
Secondary segment: SMF006_Print_Services_Facility_File_Transfer.....	124
Record Type 6 - IP PrintWay.....	125
Primary segment: SMF006_IP_PrintWay.....	125
Secondary segment: SMF006_IP_PrintWay_IO_Data.....	126
Secondary segment: SMF006_IP_PrintWay_Common.....	127
Secondary segment: SMF006_IP_PrintWay_Enhanced_SYSOUT.....	127
Secondary segment: SMF006_IP_PrintWay_File_Transfer.....	128
Record Type 7 - Data Lost.....	129
Primary segment: SMF007_SMF_Data_Lost.....	129
Record Type 8 - I/O Configuration.....	130
Primary segment: SMF008_IO_Configuration.....	130
Secondary segment: SMF008_Device.....	130
Record Type 9 - VARY Device ONLINE.....	131
Primary segment: SMF009_VARY_Device_ONLINE.....	131
Secondary segment: SMF009_Device.....	131
Record Type 10 - Allocation Recovery.....	132
Primary segment: SMF010_Allocation_Recovery.....	132
Secondary segment: SMF010_Device.....	132
Record Type 11 - VARY Device OFFLINE.....	133
Primary segment: SMF011_VARY_Device_OFFLINE.....	133

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF011_Device.....	133
Record Type 14 - INPUT or RDBACK Dataset.....	134
Primary segment: SMF014_INPUT_or_RDBACK_Dataset.....	134
Secondary segment: SMF014#1_Compressed_format_Dataset.....	141
Secondary segment: SMF014#2_SMS_Class.....	142
Secondary segment: SMF014#3_Step_Info.....	143
Secondary segment: SMF014#4_ISO_ANSI_V4_CCSID_Info.....	143
Secondary segment: SMF014#5_Additional_Dataset_Char.....	144
Secondary segment: SMF014#6_PDSE_Statistics.....	145
Secondary segment: SMF014#7_Tape_Encryption.....	145
Secondary segment: SMF014#8_RAS.....	146
Secondary segment: SMF014#9_Dataset_Encryption.....	147
Record Type 15 - OUTPUT UPDAT INOUT or OUTIN.....	148
Primary segment: SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.....	148
Secondary segment: SMF015#1_Compressed_format_Dataset.....	155
Secondary segment: SMF015#2_SMS_Class.....	156
Secondary segment: SMF015#3_Step_Info.....	157
Secondary segment: SMF015#4_ISO_ANSI_V4_CCSID_Info.....	157
Secondary segment: SMF015#5_Additional_Dataset_Char.....	158
Secondary segment: SMF015#6_PDSE_Statistics.....	159
Secondary segment: SMF015#7_Tape_Encryption.....	159
Secondary segment: SMF015#8_RAS.....	160
Secondary segment: SMF015#9_Dataset_Encryption.....	161
Record Type 16 - DFSORT.....	162
Primary segment: SMF016_DFSORT.....	162
Secondary segment: SMF016_Product_Section.....	163
Secondary segment: SMF016_Data_Section.....	163
Secondary segment: SMF016_Record_Length.....	169
Secondary segment: SMF016_SORTIN_Dataset.....	169
Secondary segment: SMF016_SORTOUT_Dataset.....	171
Secondary segment: SMF016_OUTFIL_Dataset.....	173
Record Type 17 - Scratch Dataset Status.....	176
Primary segment: SMF017_Scratch_Dataset_Status.....	176
Record Type 18 - Rename NonVSAM Dataset Status.....	177
Primary segment: SMF018_Rename_NonVSAM_Dataset_Status.....	177
Record Type 19 - Direct Access Volume.....	179
Primary segment: SMF019_Direct_Access_Volume.....	179
Record Type 20 - Job Initiation.....	182
Primary segment: SMF020_Job_Initiation.....	182
Secondary segment: SMF020_Relocate_Section.....	182
Record Type 21 - Tape Error.....	184
Primary segment: SMF021_Tape_Error.....	184
Record Type 22 - Configuration.....	187
Primary segment: SMF022_Configuration.....	187
Secondary segment: SMF022_CPU.....	187
Secondary segment: SMF022_Storage.....	188
Secondary segment: SMF022_CHP.....	188
Secondary segment: SMF022_Reconfig_CHP.....	188
Secondary segment: SMF022_Reconfig_PCIE.....	189
Secondary segment: SMF022_Expanded_Storage.....	189
Secondary segment: SMF022_Storage_Control.....	189
Secondary segment: SMF022_Storage_Element.....	192
Secondary segment: SMF022_IO_Config_Change_Hdr.....	192
Secondary segment: SMF022_IO_Config_Change.....	193
Secondary segment: SMF022_Device_Entry.....	194
Secondary segment: SMF022_Device_Expansion.....	194
Secondary segment: SMF022_Phys_Control_Unit.....	194
Secondary segment: SMF022_CHPID.....	195
Secondary segment: SMF022_Log_Partn.....	195
Secondary segment: SMF022_PCI_Func.....	195
Secondary segment: SMF022_Continuation.....	195
Record Type 23 - SMF Status.....	196
Primary segment: SMF023_SMF_Status.....	196
Secondary segment: SMF023_Product.....	197
Secondary segment: SMF023_System.....	197
Secondary segment: SMF023_Stats.....	198
Secondary segment: SMF023_LogStream.....	199
Secondary segment: SMF023_SpinLock.....	200
Secondary segment: SMF023_BindBreak.....	201
Record Type 24 - JES2 Spool Offload.....	202
Primary segment: SMF024_JES2_Spool_Offload.....	202
Secondary segment: SMF024_Product.....	203
Secondary segment: SMF024_General.....	203
Secondary segment: SMF024_Job_Sel_Crit.....	204
Secondary segment: SMF024_SYSOUS_Sel_Crit.....	204
Secondary segment: SMF024_Affinity.....	205

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF024_Affinity_SysName.....	205
Secondary segment: SMF024_Enhanced_SYSOOT.....	205
Record Type 25 - JES3 Device Allocation.....	207
Primary segment: SMF025_JES3_Device_Allocation.....	207
Record Type 26 - JES2 Job Purge.....	209
Primary segment: SMF026_JES2_Job_Purge.....	209
Secondary segment: SMF026_Descriptor.....	210
Secondary segment: SMF026_Events.....	211
Secondary segment: SMF026_Actuals.....	212
Secondary segment: SMF026_Network.....	212
Secondary segment: SMF026_Routing.....	213
Secondary segment: SMF026_Print.....	213
Secondary segment: SMF026_Triplet.....	214
Secondary segment: SMF026_Accounting.....	214
Secondary segment: SMF026_Workload_Management.....	214
Secondary segment: SMF026_Job_Correlator.....	215
Secondary segment: SMF026_Encryption_Compression.....	215
Record Type 30 - Common Address Space Work.....	216
Primary segment: SMF030_Common_Address_Space_Work.....	216
Secondary segment: SMF030_Subsystem.....	219
Secondary segment: SMF030_Identification.....	220
Secondary segment: SMF030_IO_Activity.....	221
Secondary segment: SMF030_Completion.....	223
Secondary segment: SMF030_Processor_Accounting.....	224
Secondary segment: SMF030_EXCP.....	229
Secondary segment: SMF030_Accounting.....	229
Secondary segment: SMF030_Storage_and_Paging.....	229
Secondary segment: SMF030_Performance.....	234
Secondary segment: SMF030_Operator.....	238
Secondary segment: SMF030_APPC_MVS_Resource.....	238
Secondary segment: SMF030_APPC_MVS_Cumulative_Resource.....	239
Secondary segment: SMF030_z_OS_UNIX_Process.....	239
Secondary segment: SMF030_Automatic_Restart_Management.....	240
Secondary segment: SMF030_Usage_Data.....	241
Secondary segment: SMF030_Multisystem_Enclave_Remote_System_Data.....	242
Secondary segment: SMF030_Counter_Data.....	242
Secondary segment: SMF030_zEDC_Usage_Statistics.....	243
Record Type 32 - TSO/E User Work Accounting.....	244
Primary segment: SMF032_TSO#E_User_Work_Accounting.....	244
Secondary segment: SMF032_Product.....	245
Secondary segment: SMF032_Identification.....	245
Secondary segment: SMF032_Command.....	246
Record Type 33 - APPC/MVS TP Accounting.....	247
Primary segment: SMF033_APPC#MVS_TP_Accounting.....	247
Secondary segment: SMF033_Product.....	248
Secondary segment: SMF033_Address_Space_ID.....	248
Secondary segment: SMF033_01_TP_Ident.....	249
Secondary segment: SMF033_01_TP_Name.....	249
Secondary segment: SMF033_01_TP_Usage.....	249
Secondary segment: SMF033_01_TP_Accounting.....	250
Secondary segment: SMF033_01_TP_Detail.....	250
Secondary segment: SMF033_01_TP_Scheduler.....	251
Secondary segment: SMF033_02_Conversation.....	251
Secondary segment: SMF033_02_LUWID.....	253
Secondary segment: SMF033_02_Partner_TP_Prog.....	253
Secondary segment: SMF033_02_Local_TP_Prog.....	253
Secondary segment: SMF033_02_User_Data.....	253
Record Type 34 - TS-Step Termination.....	254
Primary segment: SMF034_TS_Step_Term.....	254
Secondary segment: SMF034_EXCP.....	256
Secondary segment: SMF034_Accounting.....	256
Secondary segment: SMF034_Relocate.....	257
Record Type 35 - LOGOFF.....	259
Primary segment: SMF035_LOGOFF.....	259
Record Type 36 - ICF Catalog Report.....	261
Primary segment: SMF036_ICF_Catalog_Export.....	261
Record Type 40 - Dynamic DD.....	263
Primary segment: SMF040_Dynamic_DD.....	263
Record Type 41 - DIV Objects and VLF Statistics.....	265
Primary segment: SMF041_DIV_and_VLF.....	265
Secondary segment: SMF041_Product.....	266
Secondary segment: SMF041_Object_ACCESS.....	266
Secondary segment: SMF041_02_Object_UNACCESS.....	266
Secondary segment: SMF041_02_IO_Activity.....	267
Secondary segment: SMF041_03_VLF_Stats.....	267
Record Type 42 - DFSMS Statistics and Configuration.....	269

Contents

Appendix B: SMF Record Layouts

Record Type 42 Subtype 1 - BMF Cache Summary.....	269
Primary segment: SMF042#01_DFSMS.....	269
Secondary segment: SMF042#01_Product_Section.....	270
Secondary segment: SMF042#01_BMF_Totals.....	270
Secondary segment: SMF042#01_Storage_Class_Summary.....	271
Record Type 42 Subtype 2 - Cache CUs with SMS-managed Device(s).....	272
Primary segment: SMF042#02_DFSMS.....	272
Secondary segment: SMF042#02_Product_Section.....	273
Secondary segment: SMF042#02_Control_Unit_Cache.....	273
Secondary segment: SMF042#02_Volume_Status.....	274
Record Type 42 Subtype 3 - SMS Configuration Changed.....	276
Primary segment: SMF042#03_DFSMS.....	276
Secondary segment: SMF042#03_Product_Section.....	277
Secondary segment: SMF042#03_Event_Audit.....	277
Record Type 42 Subtype 4 - System Data Mover Session Statistics.....	279
Primary segment: SMF042#04_DFSMS.....	279
Secondary segment: SMF042#04_Product_Section.....	280
Secondary segment: SMF042#04_Concurrent_Copy_Session.....	280
Secondary segment: SMF042#04_Concurrent_Copy_SSID_Header.....	281
Secondary segment: SMF042#04_Concurrent_Copy_Volume.....	281
Secondary segment: SMF042#04_Extended_Format_Data_Set.....	282
Secondary segment: SMF042#04_Virtual_Concurrent_Copy_Session.....	282
Secondary segment: SMF042#04_Virtual_Concurrent_Copy_SSID_Header.....	283
Secondary segment: SMF042#04_Virtual_Concurrent_Copy_Volume.....	283
Record Type 42 Subtype 5 - Storage Class VTOC and VVDS I/O Statistics.....	284
Primary segment: SMF042#05_DFSMS.....	284
Secondary segment: SMF042#05_Product_Section.....	285
Secondary segment: SMF042#05_Storage_Class_Response_Time.....	285
Secondary segment: SMF042#05_Volume_Header.....	286
Secondary segment: SMF042#05_Volume_Header_VTOC_Data_IO.....	288
Secondary segment: SMF042#05_Volume_Header_VTOC_Index_IO.....	289
Secondary segment: SMF042#05_Volume_Header_VVDS_IO.....	290
Secondary segment: SMF042#05_Sync_IO.....	291
Secondary segment: SMF042#05_Volume_Metrics.....	292
Secondary segment: SMF042#05_System_IO.....	292
Secondary segment: SMF042#05_System_IO_Stats.....	293
Secondary segment: SMF042#05_System_IO_High_Response.....	293
Secondary segment: SMF042#05_Volume_Background.....	294
Secondary segment: SMF042#05_Volume_Cloud.....	294
Record Type 42 Subtype 6 - Data Set level I/O Statistics.....	295
Primary segment: SMF042#06_DFSMS.....	295
Secondary segment: SMF042#06_Product_Section.....	296
Secondary segment: SMF042#06_Job_Header.....	296
Secondary segment: SMF042#06_Data_Set_Header.....	297
Secondary segment: SMF042#06_Data_Set_IO.....	298
Secondary segment: SMF042#06_Data_Access_Method.....	299
Secondary segment: SMF042#06_Sync_IO.....	300
Secondary segment: SMF042#06_Sync_IO2.....	301
Secondary segment: SMF042#06_Sync_IO3.....	302
Record Type 42 Subtype 7 - NFS File Timeout Statistics.....	304
Primary segment: SMF042#07_DFSMS.....	304
Secondary segment: SMF042#07_Product_Section.....	305
Secondary segment: SMF042#07_NFS_File_Timeout.....	305
Secondary segment: SMF042#07_NFS_File_Timeout_Client_Id.....	305
Secondary segment: SMF042#07_NFS_File_Timeout_Client_Id_IPv4.....	306
Secondary segment: SMF042#07_NFS_File_Timeout_Client_Id_IPv6.....	306
Record Type 42 Subtype 8 - NFS User Logout Statistics.....	307
Primary segment: SMF042#08_DFSMS.....	307
Secondary segment: SMF042#08_Product_Section.....	308
Secondary segment: SMF042#08_NFS_User_Session.....	308
Secondary segment: SMF042#08_NFS_User_Session_Client_Id.....	308
Secondary segment: SMF042#08_NFS_User_Session_Client_Id_IPv4.....	309
Secondary segment: SMF042#08_NFS_User_Session_Client_Id_IPv6.....	309
Record Type 42 Subtype 9 - B37/D37/E37 Abend Information.....	310
Primary segment: SMF042#09_DFSMS.....	310
Secondary segment: SMF042#09_Product_Section.....	311
Secondary segment: SMF042#09_B37_D37_E37_Aband_Data.....	311
Secondary segment: SMF042#09_SMS_Data.....	312
Record Type 42 Subtype 10 - Volume Selection Failure.....	313
Primary segment: SMF042#10_DFSMS.....	313
Secondary segment: SMF042#10_Product_Section.....	313
Secondary segment: SMF042#10_Volume_Selection_Failure.....	314
Record Type 42 Subtype 11 - Extended Remote Copy Session Statistics.....	315
Primary segment: SMF042#11_DFSMS.....	315
Secondary segment: SMF042#11_Product_Section.....	316
Secondary segment: SMF042#11_XRC_Session.....	316

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF042#11_XRC_SSID_Data.....	316
Record Type 42 Subtype 14 - ADSM Session Resource Usage.....	318
Primary segment: SMF042#14_DFSMS.....	318
Secondary segment: SMF042#14_Product_Section.....	318
Secondary segment: SMF042#14_ADSM_Accounting.....	319
Record Type 42 Subtype 15 - VSAM RLS CF Storage Class Response Time.....	320
Primary segment: SMF042#15_DFSMS.....	320
Secondary segment: SMF042#15_Product_Section.....	321
Secondary segment: SMF042#15_VSAM_RLS_StorClass_SysplexWide.....	321
Secondary segment: SMF042#15_VSAM_RLS_StorClass_CF_SYS.....	330
Secondary segment: SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.....	339
Secondary segment: SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.....	348
Record Type 42 Subtype 16 - VSAM RLS CF Data Set Response Time.....	357
Primary segment: SMF042#16_DFSMS.....	357
Secondary segment: SMF042#16_Product_Section.....	358
Secondary segment: SMF042#16_VSAM_RLS_Dataset_SysplexWide.....	358
Secondary segment: SMF042#16_VSAM_RLS_Dataset_CF_SYS.....	366
Secondary segment: SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.....	375
Secondary segment: SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.....	383
Record Type 42 Subtype 17 - VSAM RLS CF Lock Structure Usage.....	392
Primary segment: SMF042#17_DFSMS.....	392
Secondary segment: SMF042#17_Product_Section.....	393
Secondary segment: SMF042#17_VSAM_RLS_CF_Lock_Activity.....	393
Secondary segment: SMF042#17_VSAM_RLS_CF_Lock_Summary.....	395
Record Type 42 Subtype 18 - VSAM RLS CF Cache Partition Usage.....	397
Primary segment: SMF042#18_DFSMS.....	397
Secondary segment: SMF042#18_Product_Section.....	398
Secondary segment: SMF042#18_VSAM_RLS_CFCache_Activity.....	398
Secondary segment: SMF042#18_VSAM_RLS_CFCache_Summary.....	399
Secondary segment: SMF042#18_VSAM_RLS_CFCache_DirElem.....	401
Record Type 42 Subtype 19 - VSAM RLS Buffer Manager LRU Activity.....	402
Primary segment: SMF042#19_DFSMS.....	402
Secondary segment: SMF042#19_Product_Section.....	403
Secondary segment: SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex.....	403
Secondary segment: SMF042#19_VSAM_RLS_Local_Buffer_Manager_System.....	407
Secondary segment: SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64.....	409
Secondary segment: SMF042#19_VSAM_RLS_Local_Buffer_Manager_System_64.....	413
Record Type 42 Subtype 20 - STOW Initialize.....	416
Primary segment: SMF042#20_DFSMS.....	416
Secondary segment: SMF042#20_Product_Section.....	417
Secondary segment: SMF042#20_STOW_Initialise.....	417
Secondary segment: SMF042#20_STOW_Initialise_User.....	417
Record Type 42 Subtype 21 - Member Delete.....	420
Primary segment: SMF042#21_DFSMS.....	420
Secondary segment: SMF042#21_Product_Section.....	421
Secondary segment: SMF042#21_Member_Delete.....	421
Secondary segment: SMF042#21_Member_Delete_Aliases.....	422
Secondary segment: SMF042#21_Member_Delete_User.....	422
Record Type 42 Subtype 22 - DFSMSrmm Audit Records.....	424
Primary segment: SMF042#22_DFSMS.....	424
Secondary segment: SMF042#22_Product_Section.....	425
Secondary segment: SMF042#22_DFSMSrmm_Audit.....	425
Secondary segment: SMF042#22_DFSMSrmm_Audit_Record.....	426
Record Type 42 Subtype 23 - DFSMSrmm Security Records.....	427
Primary segment: SMF042#23_DFSMS.....	427
Secondary segment: SMF042#23_Product_Section.....	428
Secondary segment: SMF042#23_DFSMSrmm_Security.....	428
Record Type 42 Subtype 24 - Member Add/Replace.....	429
Primary segment: SMF042#24_DFSMS.....	429
Secondary segment: SMF042#24_Product_Section.....	430
Secondary segment: SMF042#24_Member_Add_Replace.....	430
Secondary segment: SMF042#24_Member_Add_Replace_Aliases_Deleted.....	431
Secondary segment: SMF042#24_Member_Add_Replace_User.....	431
Record Type 42 Subtype 25 - Member Rename.....	433
Primary segment: SMF042#25_DFSMS.....	433
Secondary segment: SMF042#25_Product_Section.....	434
Secondary segment: SMF042#25_Member_Rename.....	434
Secondary segment: SMF042#25_Member_Rename_Old.....	435
Secondary segment: SMF042#25_Member_Rename_User.....	435
Record Type 42 Subtype 26 - NFS.....	437
Primary segment: SMF042#26_DFSMS.....	437
Secondary segment: SMF042#26_Product_Section.....	438
Secondary segment: SMF042#26_NFS_Audit_FileSys_MVS.....	438
Secondary segment: SMF042#26_NFS_Audit_FileSys_UNIX.....	438
Secondary segment: SMF042#26_NFS_Audit_Client_Id.....	439
Secondary segment: SMF042#26_NFS_Audit_Client_Id_IPv4.....	439

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF042#26_NFS_Audit_Client_Id_IPv6.....	440
Record Type 42 Subtype 27 - VTOC DSCB Audit Record.....	441
Primary segment: SMF042#27_DFSMS.....	441
Secondary segment: SMF042#27_Product_Section.....	442
Secondary segment: SMF042#27_VTOC_Audit_Update_Header.....	442
Secondary segment: SMF042#27_VTOC_Audit_DSCB_Old.....	445
Secondary segment: SMF042#27_VTOC_Audit_DSCB_New.....	448
Record Type 43 - JES Startup.....	452
Primary segment: SMF043_JES_Startup.....	452
Secondary segment: SMF043_JES2_Start.....	452
Secondary segment: SMF043_JES3_Start.....	453
Record Type 45 - JES Stop.....	454
Primary segment: SMF045_JES_Stop.....	454
Record Type 47 - JES SIGNON / Start Line.....	455
Primary segment: SMF047_JES_Start_Line.....	455
Record Type 48 - JES SIGNOFF / Stop Line.....	456
Primary segment: SMF048_JES_Stop_Line.....	456
Record Type 49 - JES Integrity.....	458
Primary segment: SMF049_JES_Integrity.....	458
Record Type 50 - VTAM Tuning Statistics.....	459
Primary segment: SMF050_VTAM_Tuning_Statistics.....	459
Secondary segment: SMF050_SNA_Controllers.....	459
Secondary segment: SMF050_CTCA.....	460
Secondary segment: SMF050_MPC_XCF_Group.....	460
Secondary segment: SMF050_MPC_XCF_RW.....	461
Secondary segment: SMF050_MPC_Channel_Group.....	461
Secondary segment: SMF050_MPC_Channel_Read_or_Write.....	462
Secondary segment: SMF050_MPC_Channel_OSA_Read.....	463
Secondary segment: SMF050_MPC_Channel_OSA_Write.....	464
Secondary segment: SMF050_TCP.....	465
Secondary segment: SMF050_RoCE_Port.....	466
Secondary segment: SMF050_RoCE_User.....	466
Record Type 52 - JES2 LOGON/Start Line SNA.....	468
Primary segment: SMF052_JES_Start_Line_SNA.....	468
Record Type 53 - JES2 LOGOFF/Stop Line SNA.....	470
Primary segment: SMF053_JES_Stop_Line_SNA.....	470
Record Type 54 - JES2 Integrity SNA.....	472
Primary segment: SMF054_JES_Integrity_SNA.....	472
Record Type 55 - JES Network SIGNON.....	473
Primary segment: SMF055_JES_Network_SIGNON.....	473
Record Type 56 - JES2 Network Integrity.....	474
Primary segment: SMF056_JES_Network_Integrity.....	474
Record Type 57 - JES2 Network SYSOUT Transmission.....	475
Primary segment: SMF057_JES_Net_Trans.....	475
Secondary segment: SMF057_ESS.....	476
Record Type 58 - JES2 Network SIGNOFF.....	477
Primary segment: SMF058_JES_Network_SIGNOFF.....	477
Record Type 59 - MVS/BDT File-to-File Transmission.....	478
Primary segment: SMF059_BDT_File_Trans.....	478
Secondary segment: SMF059_Product.....	479
Secondary segment: SMF059_Trans_Id.....	479
Secondary segment: SMF059_Type_FTF.....	480
Secondary segment: SMF059_Type_NJE.....	480
Secondary segment: SMF059_Trans_Data.....	481
Secondary segment: SMF059_Transmission.....	482
Secondary segment: SMF059_Account.....	482
Record Type 60 - VSAM Volume Dataset Updated.....	483
Primary segment: SMF060_VSAM_Volume_Dataset_Updated.....	483
Record Type 61 - Integrated Catalog Facility Define Activity.....	485
Primary segment: SMF061_Integrated_Catalog_Facility_Define_Activity.....	485
Record Type 62 - VSAM Component or Cluster Opened.....	487
Primary segment: SMF062_VSAM_Component_or_Cluster_Opened.....	487
Record Type 63 - VSAM Catalog Entry Defined.....	490
Primary segment: SMF063_VSAM_Catalog_Entry_Defined.....	490
Record Type 64 - VSAM Component or Cluster Status.....	492
Primary segment: SMF064_VSAM_Component_or_Cluster_Status.....	492
Record Type 65 - ICF Catalog Delete Activity.....	498
Primary segment: SMF065_ICF_Cat_Delete_Activity.....	498
Record Type 66 - ICF Catalog Alter Activity.....	500
Primary segment: SMF066_ICF_Cat_Alter_Activity.....	500
Record Type 67 - VSAM Catalog Entry Deleted.....	502
Primary segment: SMF067_VSAM_Cat_Entry_Deleted.....	502
Record Type 68 - VSAM Catalog Entry Renamed.....	504
Primary segment: SMF068_VSAM_Catalog_Entry_Renamed.....	504
Record Type 69 - VSAM DataSpace Defined, Extended or Deleted.....	505
Primary segment: SMF069_VSAM_DataSpace_Defined_Ext_Del.....	505

Contents

Appendix B: SMF Record Layouts

Record Type 70 - RMF Processor Activity.....	507
Record Type 70 Subtype 1 - CPU, PR/SM, and ICF Activity.....	507
Primary segment: SMF070#01_RM_F_Protocor_CPU_PRSM_ICF.....	507
Secondary segment: SMF070#01_Product.....	508
Secondary segment: SMF070#01_CPU_Control.....	511
Secondary segment: SMF070#01_CPU_Data.....	515
Secondary segment: SMF070#01_ASID_Data.....	516
Secondary segment: SMF070#01_PRSM_Partition.....	524
Secondary segment: SMF070#01_PRSM_Logical_Processor.....	526
Secondary segment: SMF070#01_CPU_Id.....	527
Secondary segment: SMF070#01_Logical_Core.....	527
Secondary segment: SMF070#01_Tenant_Resource.....	528
Record Type 70 Subtype 2 - Cryptographic Hardware Activity.....	529
Primary segment: SMF070#02_RM_F_Protocor_Crypto.....	529
Secondary segment: SMF070#02_Product.....	530
Secondary segment: SMF070#02_CCA_Coprocessor.....	532
Secondary segment: SMF070#02_Accelerator.....	532
Secondary segment: SMF070#02_ICSF_Services.....	533
Secondary segment: SMF070#02_PKCS11_Coprocessor.....	535
Record Type 71 - RMF Paging Activity.....	537
Primary segment: SMF071_RM_F_Paging.....	537
Secondary segment: SMF071_Product.....	538
Secondary segment: SMF071_Paging.....	540
Secondary segment: SMF071_Swap_Placement.....	553
Record Type 72 - Workload Activity, Storage Data, and Serialization Delay.....	554
Record Type 72 Subtype 3 - Workload Activity.....	554
Primary segment: SMF072#03_RM_F_Workload.....	554
Secondary segment: SMF072#03_Product.....	555
Secondary segment: SMF072#03_Reassembly_Area.....	557
Secondary segment: SMF072#03_Reassembly_Area_Info.....	557
Secondary segment: SMF072#03_WorkMngr_Ctl.....	558
Secondary segment: SMF072#03_Service_Class_Served.....	560
Secondary segment: SMF072#03_Resource_Group.....	560
Secondary segment: SMF072#03_Service_Report_Class_Period.....	561
Secondary segment: SMF072#03_Response_Time_Distribution.....	567
Secondary segment: SMF072#03_Work_Resource_State.....	569
Secondary segment: SMF072#03_Resource_Delay_Type.....	571
Record Type 72 Subtype 4 - Storage Data.....	572
Primary segment: SMF072#04_RM_F_Storage_Data.....	572
Secondary segment: SMF072#04_Product.....	573
Secondary segment: SMF072#04_Reassembly_Area.....	574
Secondary segment: SMF072#04_Reassembly_Area_Info.....	575
Secondary segment: SMF072#04_Service_Class_Period.....	575
Secondary segment: SMF072#04_Swap_Reason.....	577
Record Type 72 Subtype 5 - Serialization Delay.....	579
Primary segment: SMF072#05_RM_F_Serialization_Delay.....	579
Secondary segment: SMF072#05_Product.....	581
Secondary segment: SMF072#05_Reassembly_Area.....	583
Secondary segment: SMF072#05_Reassembly_Area_Info.....	583
Secondary segment: SMF072#05_Serialization_Control.....	583
Secondary segment: SMF072#05_CMS_Lock.....	585
Secondary segment: SMF072#05_Local_Lock.....	586
Secondary segment: SMF072#05_CML_Lock_Owner.....	587
Secondary segment: SMF072#05_CML_Lock_Requestor.....	587
Secondary segment: SMF072#05_GRS_Latch.....	588
Secondary segment: SMF072#05_GRS_Enqueue.....	588
Secondary segment: SMF072#05_GRS_QScan.....	589
Record Type 73 - RMF Channel Path Activity.....	590
Primary segment: SMF073_RM_F_Channel_Path.....	590
Secondary segment: SMF073_Product.....	591
Secondary segment: SMF073_CP_Control.....	593
Secondary segment: SMF073_CP_Data.....	594
Secondary segment: SMF073_CPMF_Channel_Measurement_1.....	595
Secondary segment: SMF073_CPMF_Channel_Measurement_2.....	596
Secondary segment: SMF073_CPMF_Channel_Measurement_3.....	596
Secondary segment: SMF073_Extended_CP.....	597
Secondary segment: SMF073_CPMF_Extended_Channel_Measurement_2.....	597
Record Type 74 - RMF Activity of Several Resources.....	598
Record Type 74 Subtype 1 - Device Activity.....	598
Primary segment: SMF074#01_RM_F_Device.....	598
Secondary segment: SMF074#01_Product.....	599
Secondary segment: SMF074#01_Device_Control.....	601
Secondary segment: SMF074#01_Device_Data.....	602
Record Type 74 Subtype 2 - XCF Activity.....	606
Primary segment: SMF074#02_RM_F_XCF.....	606
Secondary segment: SMF074#02_Product.....	607

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF074#02_Control.....	609
Secondary segment: SMF074#02_System.....	609
Secondary segment: SMF074#02_Path.....	610
Secondary segment: SMF074#02_Member.....	612
Record Type 74 Subtype 3 - OMVS Kernel Activity.....	613
Primary segment: SMF074#03_RMF_OMVS_Kernel.....	613
Secondary segment: SMF074#03_Product.....	613
Secondary segment: SMF074#03_Control.....	615
Record Type 74 Subtype 4 - Coupling Facility Activity.....	620
Primary segment: SMF074#04_RMF_Coupling_Facility.....	620
Secondary segment: SMF074#04_Product.....	622
Secondary segment: SMF074#04_Local_Coupling_Facility.....	624
Secondary segment: SMF074#04_Connectivity.....	625
Secondary segment: SMF074#04_Storage.....	625
Secondary segment: SMF074#04_Structure.....	626
Secondary segment: SMF074#04_Request.....	627
Secondary segment: SMF074#04_Processor_Utilization.....	631
Secondary segment: SMF074#04_Cache.....	632
Secondary segment: SMF074#04_Remote_Facility.....	633
Secondary segment: SMF074#04_Channel_Path.....	634
Secondary segment: SMF074#04_Storage_Class_Memory.....	635
Secondary segment: SMF074#04_Asynch_CF_Duplexing.....	637
Record Type 74 Subtype 5 - Cache Subsystem Device Activity.....	640
Primary segment: SMF074#05_RMF_Cache_Subsys_Dev.....	640
Secondary segment: SMF074#05_Product.....	641
Secondary segment: SMF074#05_Cache_Control.....	643
Secondary segment: SMF074#05_Cache_Device.....	644
Secondary segment: SMF074#05_Cache_Device_Ext.....	646
Secondary segment: SMF074#05_Cache_Control_Unit_Status.....	647
Secondary segment: SMF074#05_RAID_Rank_Extent_Pool.....	650
Record Type 74 Subtype 6 - Hierarchical File System Statistics.....	653
Primary segment: SMF074#06_RMF_HFS_Stats.....	653
Secondary segment: SMF074#06_Product.....	654
Secondary segment: SMF074#06_HFS_Global.....	656
Secondary segment: SMF074#06_HFS_Global_Buffer.....	656
Secondary segment: SMF074#06_HFS_File_System.....	657
Record Type 74 Subtype 7 - FICON Director Statistics.....	659
Primary segment: SMF074#07_RMF_FICON_Director_Stats.....	659
Secondary segment: SMF074#07_Product.....	660
Secondary segment: SMF074#07_FCD_Global.....	662
Secondary segment: SMF074#07_FCD_Switch.....	662
Secondary segment: SMF074#07_FCD_Port.....	663
Secondary segment: SMF074#07_FCD_Connector.....	664
Record Type 74 Subtype 8 - Enterprise Disk System Statistics.....	666
Primary segment: SMF074#08_RMF_Enterprise_Disk_Sys_Stats.....	666
Secondary segment: SMF074#08_Product.....	667
Secondary segment: SMF074#08_Control.....	669
Secondary segment: SMF074#08_Link_Stats.....	670
Secondary segment: SMF074#08_Extent_Pool_Stats.....	672
Secondary segment: SMF074#08_Rank_Stats.....	673
Secondary segment: SMF074#08_Rank_Array.....	673
Record Type 74 Subtype 9 - PCI Express Based Function Activity.....	675
Primary segment: SMF074#09_RMF_PCI_Express_Func.....	675
Secondary segment: SMF074#09_Product.....	676
Secondary segment: SMF074#09_PCIE_Func.....	678
Secondary segment: SMF074#09_PCIE_Func_Type00.....	680
Secondary segment: SMF074#09_PCIE_Func_Type01.....	680
Secondary segment: SMF074#09_PCIE_Func_Type02.....	681
Secondary segment: SMF074#09_PCIE_Func_Type03.....	681
Secondary segment: SMF074#09_PCIE_Func_Type04.....	681
Secondary segment: SMF074#09_Hardware_Accelerator.....	682
Secondary segment: SMF074#09_Hardware_Accel_Comp.....	682
Secondary segment: SMF074#09_Sync_IO_Link.....	683
Secondary segment: SMF074#09_Sync_IO_Response.....	683
Record Type 74 Subtype 10 - Storage Class Memory (SCM) Statistics.....	684
Primary segment: SMF074#10_RMF_EADM_Stats.....	684
Secondary segment: SMF074#10_Product.....	685
Secondary segment: SMF074#10_SCM_Config.....	687
Secondary segment: SMF074#10_EADM_Device_Subchannel.....	687
Record Type 75 - RMF Page Data Set Activity.....	689
Primary segment: SMF075_RMF_Page_Dataset.....	689
Secondary segment: SMF075_Product.....	689
Secondary segment: SMF075_Page_Dataset.....	691
Record Type 76 - RMF Trace Activity.....	693
Primary segment: SMF076_RMF_Trace.....	693
Secondary segment: SMF076_Product.....	694

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF076_Trace_Control.....	696
Secondary segment: SMF076_Trace_Data.....	696
Secondary segment: SMF076_Variable_Trace_Data.....	697
Record Type 77 - RMF Enqueue Activity.....	698
Primary segment: SMF077_RM_Enqueue.....	698
Secondary segment: SMF077_RM_Product_Section.....	699
Secondary segment: SMF077_Enqueue_Control_Section.....	701
Secondary segment: SMF077_Enqueue_Data_Section.....	701
Record Type 78 - RMF Virtual Storage and I/O Queuing Activity.....	704
Record Type 78 Subtype 2 - Virtual Storage Activity.....	704
Primary segment: SMF078#02_RM_Virtual_Storage.....	704
Secondary segment: SMF078#02_Product.....	705
Secondary segment: SMF078#02_VStor_Common_Storage.....	707
Secondary segment: SMF078#02_VStor_Private_Area.....	715
Secondary segment: SMF078#02_VStor_Private_Area_Subpool.....	723
Record Type 78 Subtype 3 - I/O Queuing Activity.....	725
Primary segment: SMF078#03_RM_IO_Queueing.....	725
Secondary segment: SMF078#03_Product.....	726
Secondary segment: SMF078#03_IOQ_Global.....	728
Secondary segment: SMF078#03_IOP_Initiative_Queue.....	729
Secondary segment: SMF078#03_IOQ_Control.....	730
Secondary segment: SMF078#03_IOQ_Config_Data.....	730
Secondary segment: SMF078#03_IOQ_Data.....	732
Secondary segment: SMF078#03_HyperPAV_SuperPAV.....	733
Record Type 79 - RMF Monitor II activity.....	735
Record Type 79 Subtype 1 - Address Space State Data.....	735
Primary segment: SMF079#01_RM_Address_Space_State.....	735
Secondary segment: SMF079#01_Product.....	736
Secondary segment: SMF079#01_Monitor_II_Control.....	738
Secondary segment: SMF079#01_ASD_and_ASDJ.....	739
Record Type 79 Subtype 2 - Address Space Resource Data.....	743
Primary segment: SMF079#02_RM_Address_Space_Resource.....	743
Secondary segment: SMF079#02_Product.....	744
Secondary segment: SMF079#02_Monitor_II_Control.....	746
Secondary segment: SMF079#02_ARD_and_ARDJ.....	747
Record Type 79 Subtype 3 - Storage/Processor Data.....	750
Primary segment: SMF079#03_RM_Storage_Processor.....	750
Secondary segment: SMF079#03_Product.....	751
Secondary segment: SMF079#03_Monitor_II_Control.....	753
Secondary segment: SMF079#03_SRCS.....	754
Record Type 79 Subtype 4 - Paging Activity.....	756
Primary segment: SMF079#04_RM_Paging.....	756
Secondary segment: SMF079#04_Product.....	757
Secondary segment: SMF079#04_Monitor_II_Control.....	759
Secondary segment: SMF079#04_SPAG.....	760
Record Type 79 Subtype 5 - Address Space SRM Data.....	762
Primary segment: SMF079#05_RM_Address_Space_SRM.....	762
Secondary segment: SMF079#05_Product.....	763
Secondary segment: SMF079#05_Monitor_II_Control.....	765
Secondary segment: SMF079#05_ASRM_and_ASRMJ.....	766
Record Type 79 Subtype 6 - Reserve Data.....	768
Primary segment: SMF079#06_RM_Reserve.....	768
Secondary segment: SMF079#06_Product.....	769
Secondary segment: SMF079#06_Monitor_II_Control.....	771
Secondary segment: SMF079#06_SENQR.....	772
Record Type 79 Subtype 7 - Enqueue Contention Data.....	773
Primary segment: SMF079#07_RM_Enqueue_Contention.....	773
Secondary segment: SMF079#07_Product.....	774
Secondary segment: SMF079#07_Monitor_II_Control.....	776
Secondary segment: SMF079#07_SENQ.....	777
Record Type 79 Subtype 9 - Device Activity.....	778
Primary segment: SMF079#09_RM_Device_Activity.....	778
Secondary segment: SMF079#09_Product.....	779
Secondary segment: SMF079#09_Monitor_II_Control.....	781
Secondary segment: SMF079#09_Device.....	782
Record Type 79 Subtype 11 - Page Data Set Activity.....	785
Primary segment: SMF079#11_RM_Page_Dataset.....	785
Secondary segment: SMF079#11_Product.....	786
Secondary segment: SMF079#11_Monitor_II_Control.....	788
Secondary segment: SMF079#11_PGSP_Control.....	789
Secondary segment: SMF079#11_PGSP_Dataset.....	789
Record Type 79 Subtype 12 - Channel Path Activity.....	791
Primary segment: SMF079#12_RM_Channel_Path.....	791
Secondary segment: SMF079#12_Product.....	792
Secondary segment: SMF079#12_Monitor_II_Control.....	794
Secondary segment: SMF079#12_CP_Control.....	795

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF079#12_CP_Data.....	795
Secondary segment: SMF079#12_CPMF_Channel_Measurement_1.....	796
Secondary segment: SMF079#12_CPMF_Channel_Measurement_2.....	797
Secondary segment: SMF079#12_CPMF_Channel_Measurement_3.....	797
Secondary segment: SMF079#12_CPMF_Extended.....	798
Record Type 79 Subtype 12 - Channel Path Activity.....	799
Primary segment: SMF079#14_RMF_IO_Queueing.....	799
Secondary segment: SMF079#14_Product.....	800
Secondary segment: SMF079#14_Monitor_II_Control.....	802
Secondary segment: SMF079#14_IOQ_Global.....	803
Secondary segment: SMF079#14_IOQ_Control.....	803
Secondary segment: SMF079#14_IOQ_Config_Data.....	804
Secondary segment: SMF079#14_IOQ_Data.....	805
Record Type 79 Subtype 15 - IRLM Long Lock Detection.....	806
Primary segment: SMF079#15_RMF_IRLM_Long_Lock_Detection.....	806
Secondary segment: SMF079#15_Product.....	806
Secondary segment: SMF079#15_IMS_Long_Lock.....	809
Record Type 80 - Security Product Processing.....	810
Primary segment: SMF080_Security_Product_Processing.....	813
Secondary segment: SMF080_Extended_length_relocate_section.....	816
Secondary segment: SMF080_Auth_Resource_Name.....	816
Secondary segment: SMF080_Define_New_Dataset_Name.....	816
Secondary segment: SMF080_Auth_Access_Requested.....	816
Secondary segment: SMF080_Auth_Access_Allowed.....	817
Secondary segment: SMF080_Dataset_Level.....	817
Secondary segment: SMF080_ADDSD_RACF_Command_Data.....	817
Secondary segment: SMF080_ADDGROUP_RACF_Command_Data.....	820
Secondary segment: SMF080_ADDUSER_RACF_Command_Data.....	821
Secondary segment: SMF080_ALTDSD_RACF_Command_Data.....	825
Secondary segment: SMF080_ALTGROUP_RACF_Command_Data.....	829
Secondary segment: SMF080_ALTUSER_RACF_Command_Data.....	830
Secondary segment: SMF080_CONNECT_RACF_Command_Data.....	835
Secondary segment: SMF080_DELSD_RACF_Command_Data.....	837
Secondary segment: SMF080_DELGROUP_RACF_Command_Data.....	837
Secondary segment: SMF080_DELUSER_RACF_Command_Data.....	838
Secondary segment: SMF080_PASSWORD_RACF_Command_Data.....	838
Secondary segment: SMF080_PERMIT_RACF_Command_Data.....	839
Secondary segment: SMF080_RALTER_RACF_Command_Data.....	840
Secondary segment: SMF080_RDEFINE_RACF_Command_Data.....	844
Secondary segment: SMF080_RDELETE_RACF_Command_Data.....	847
Secondary segment: SMF080_REMOVE_RACF_Command_Data.....	847
Secondary segment: SMF080_SETROPTS_RACF_Command_Data.....	848
Secondary segment: SMF080_RVARY_RACF_Command_Data.....	858
Secondary segment: SMF080_RACLINK_RACF_Command_Data.....	859
Secondary segment: SMF080_RACDCERT_RACF_Command_Data.....	860
Secondary segment: SMF080_RACMAP_RACF_Command_Data.....	862
Secondary segment: SMF080_Installation_Defined_Data.....	862
Secondary segment: SMF080_UserName.....	863
Secondary segment: SMF080_ResourceName.....	863
Secondary segment: SMF080_Add_Volume.....	863
Secondary segment: SMF080_Delete_Volume.....	863
Secondary segment: SMF080_Permit_Ids.....	864
Secondary segment: SMF080_From_ResourceName.....	864
Secondary segment: SMF080_Permit_Volume.....	864
Secondary segment: SMF080_Auth_or_Define_Volume.....	865
Secondary segment: SMF080_Auth_or_Define_OldVol.....	865
Secondary segment: SMF080_Class.....	865
Secondary segment: SMF080_Define_Model_Resource.....	866
Secondary segment: SMF080_Define_Model_Resource_Volume.....	866
Secondary segment: SMF080_Auth_or_Define_Application.....	866
Secondary segment: SMF080_SETROPTS_Class_Options.....	866
Secondary segment: SMF080_SETROPTS_Stats_Class_Name.....	867
Secondary segment: SMF080_SETROPTS_Audit_Class.....	867
Secondary segment: SMF080_ADDMEM_Resource.....	868
Secondary segment: SMF080_DELMEM_Resource.....	868
Secondary segment: SMF080_FClass.....	868
Secondary segment: SMF080_ClassAct.....	869
Secondary segment: SMF080_Clauth.....	869
Secondary segment: SMF080_Application_Data.....	869
Secondary segment: SMF080_RACF_Database_Status.....	870
Secondary segment: SMF080_DATASET.....	870
Secondary segment: SMF080_Password.....	871
Secondary segment: SMF080_Generic_Resource.....	871
Secondary segment: SMF080_Generic_Class.....	872
Secondary segment: SMF080_GenCmd_Class.....	872
Secondary segment: SMF080_Global_Class.....	872

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF080_Model_Name.....	872
Secondary segment: SMF080_Profile_Owner.....	873
Secondary segment: SMF080_Permit_Entities.....	873
Secondary segment: SMF080_Add_Category_Name.....	874
Secondary segment: SMF080_Delete_Category_Name.....	874
Secondary segment: SMF080_RACLIST_Class.....	874
Secondary segment: SMF080_GENLIST_Class.....	875
Secondary segment: SMF080_Non_BASE_Segment_or_Directed_Data.....	875
Secondary segment: SMF080_LOGOPTIONS_Class.....	875
Secondary segment: SMF080_Log_String.....	876
Secondary segment: SMF080_Not_Auth_Job_Name.....	876
Secondary segment: SMF080_Directed_Userid.....	876
Secondary segment: SMF080_ACEE_User_Name.....	877
Secondary segment: SMF080_Add_Security_Label.....	877
Secondary segment: SMF080_Delete_Security_Label.....	877
Secondary segment: SMF080_User_Security-Token.....	878
Secondary segment: SMF080_Resource_Security-Token.....	879
Secondary segment: SMF080_Audit_Record_Link_Key.....	881
Secondary segment: SMF080_Security_Label_Change_DSN.....	881
Secondary segment: SMF080_Security_Label_Change_Link.....	881
Secondary segment: SMF080_Audit_Record_Client_Server_Link.....	881
Secondary segment: SMF080_ACEE_Type.....	882
Secondary segment: SMF080_Partitioned_Dataset.....	882
Secondary segment: SMF080_Audit_Function_Code.....	882
Secondary segment: SMF080_Old_Real_UNIX_UID.....	883
Secondary segment: SMF080_Old_Effective_UNIX_UID.....	883
Secondary segment: SMF080_Old_Saved_UNIX_UID.....	883
Secondary segment: SMF080_Old_Real_UNIX_GID.....	884
Secondary segment: SMF080_Old_Effective_UNIX_GID.....	884
Secondary segment: SMF080_Old_Saved_UNIX_GID.....	884
Secondary segment: SMF080_Path_Name_1.....	884
Secondary segment: SMF080_File_Identifier_1.....	885
Secondary segment: SMF080_File_Owner_User.....	885
Secondary segment: SMF080_File_Owner_Group.....	885
Secondary segment: SMF080_Requested_Access.....	886
Secondary segment: SMF080_Access_Type.....	886
Secondary segment: SMF080_Access_Allowed.....	886
Secondary segment: SMF080_Path_Name_2.....	887
Secondary segment: SMF080_File_Identifier_2.....	887
Secondary segment: SMF080_New_Real_UNIX_UID.....	887
Secondary segment: SMF080_New_Effective_UNIX_UID.....	888
Secondary segment: SMF080_New_Saved_UNIX_UID.....	888
Secondary segment: SMF080_New_Real_UNIX_GID.....	888
Secondary segment: SMF080_New_Effective_UNIX_GID.....	888
Secondary segment: SMF080_New_Saved_UNIX_GID.....	889
Secondary segment: SMF080_Owner_UID.....	889
Secondary segment: SMF080_Owner_GID.....	889
Secondary segment: SMF080_Input_Parameter_UID.....	890
Secondary segment: SMF080_Input_Parameter_GID.....	890
Secondary segment: SMF080_Target_Real_UNIX_UID.....	890
Secondary segment: SMF080_Target_Effective_UNIX_UID.....	890
Secondary segment: SMF080_Target_Saved_UNIX_UID.....	891
Secondary segment: SMF080_Target_Real_UNIX_GID.....	891
Secondary segment: SMF080_Target_Effective_UNIX_GID.....	891
Secondary segment: SMF080_Target_Saved_UNIX_GID.....	892
Secondary segment: SMF080_Target_PID.....	892
Secondary segment: SMF080_Old_Mode.....	892
Secondary segment: SMF080_New_Mode.....	893
Secondary segment: SMF080_Service_Processed.....	893
Secondary segment: SMF080_Requested_Audit_Options.....	894
Secondary segment: SMF080_Old_Audit_Options.....	894
Secondary segment: SMF080_New_Audit_Options.....	895
Secondary segment: SMF080_Mounted_File_System_DSN.....	896
Secondary segment: SMF080_File_or_ISP_Mode.....	896
Secondary segment: SMF080_SymLink.....	896
Secondary segment: SMF080_Check_File_Name.....	897
Secondary segment: SMF080_Path_Name_Flag.....	897
Secondary segment: SMF080_Kill_Signal_Code.....	897
Secondary segment: SMF080_Command_Segment_Data.....	898
Secondary segment: SMF080_Last_Link_Deleted.....	898
Secondary segment: SMF080_IPC_Key.....	899
Secondary segment: SMF080_IPC_ID.....	899
Secondary segment: SMF080_IPC_Key_Creator_UID.....	899
Secondary segment: SMF080_IPC_Key_Creator_GID.....	899
Secondary segment: SMF080_Filepool.....	900
Secondary segment: SMF080_Filespace.....	900

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF080_Inode.....	900
Secondary segment: SMF080_SCID.....	900
Secondary segment: SMF080_Second_Filepool.....	901
Secondary segment: SMF080_Second_Filespace.....	901
Secondary segment: SMF080_Second_Inode.....	901
Secondary segment: SMF080_Second_SCID.....	902
Secondary segment: SMF080_Audit_Link_Value.....	902
Secondary segment: SMF080_ACEE_Type_X.....	902
Secondary segment: SMF080_UNIX_Security.....	903
Secondary segment: SMF080_Certificate_Serial_Number.....	903
Secondary segment: SMF080_Certificate_Issuer.....	903
Secondary segment: SMF080_Ring.....	903
Secondary segment: SMF080_SUBJECTSDN_C.....	904
Secondary segment: SMF080_SUBJECTSDN_SP.....	904
Secondary segment: SMF080_SUBJECTSDN_L.....	904
Secondary segment: SMF080_SUBJECTSDN_Q.....	905
Secondary segment: SMF080_SUBJECTSDN_OU.....	905
Secondary segment: SMF080_SUBJECTSDN_T.....	905
Secondary segment: SMF080_SUBJECTSDN_CN.....	905
Secondary segment: SMF080_SDNFILTER.....	906
Secondary segment: SMF080_IDNFILTER.....	906
Secondary segment: SMF080_CRITERIA.....	906
Secondary segment: SMF080_Subject_Distinguished_Name.....	906
Secondary segment: SMF080_Issuer_Distinguished_Name.....	907
Secondary segment: SMF080_Kerberos_Principal_Name.....	907
Secondary segment: SMF080_Kerberos_Login_Request_Source.....	907
Secondary segment: SMF080_Kerberos_KDC_Status_Code.....	908
Secondary segment: SMF080_ALTNAME_IP_Address.....	908
Secondary segment: SMF080_ALTNAME_Email.....	908
Secondary segment: SMF080_ALTNAME_Domain.....	908
Secondary segment: SMF080_ALTNAME_URI.....	909
Secondary segment: SMF080_R_PKISERV_Flags_1.....	909
Secondary segment: SMF080_Requested_NotBefore.....	909
Secondary segment: SMF080_Requested_NotAfter.....	910
Secondary segment: SMF080_R_PKISERV_target_User.....	910
Secondary segment: SMF080_R_PKISERV_target_Label.....	910
Secondary segment: SMF080_R_PKISERV_SignWith.....	910
Secondary segment: SMF080_Requested_Subject_DN.....	911
Secondary segment: SMF080_Requested_AltIPAddr.....	911
Secondary segment: SMF080_Requested_AltURI.....	911
Secondary segment: SMF080_Requested_AltEmail.....	912
Secondary segment: SMF080_Requested_AltDomain.....	912
Secondary segment: SMF080_R_PKISERV_CertId.....	912
Secondary segment: SMF080_Policy_Director_Protected_Object.....	912
Secondary segment: SMF080_Policy_Director_Permissions.....	913
Secondary segment: SMF080_Policy_Director_Principal_User.....	913
Secondary segment: SMF080_Principal_ID_String.....	913
Secondary segment: SMF080_Policy_Director_Protection_Quality.....	914
Secondary segment: SMF080_HostIDMappings_Extension_Data.....	914
Secondary segment: SMF080_Certificate_Requester.....	914
Secondary segment: SMF080_R_PKISERV_Flags_2.....	914
Secondary segment: SMF080_Certificate_Status.....	915
Secondary segment: SMF080_Creation_Date.....	915
Secondary segment: SMF080_Last_Modified.....	915
Secondary segment: SMF080_Certificate_Serial_Number_Prev.....	916
Secondary segment: SMF080_Certificate_Action.....	916
Secondary segment: SMF080_Action_Comment.....	916
Secondary segment: SMF080_Certificate_Revocation_Reason.....	916
Secondary segment: SMF080_ACL_Type.....	917
Secondary segment: SMF080_Effective_ACL_Entry.....	917
Secondary segment: SMF080_ACL_Entry_Identifier.....	917
Secondary segment: SMF080_Old_ACL_Entry_Modify_And_Delete.....	918
Secondary segment: SMF080_New_ACL_Entry_Add_And_Modify.....	918
Secondary segment: SMF080_Policy_Director_Credential.....	918
Secondary segment: SMF080_Notify_Email_Address.....	918
Secondary segment: SMF080_Server_Security_Label.....	919
Secondary segment: SMF080_Extended_KeyUsage.....	919
Secondary segment: SMF080_Certificate_Policies.....	919
Secondary segment: SMF080_Authority_Information_Access.....	920
Secondary segment: SMF080_Critical_Extensions.....	920
Secondary segment: SMF080_CRL_Issuing_Distribution_Point_DN.....	920
Secondary segment: SMF080_CRL_Date_Of_Issue.....	920
Secondary segment: SMF080_CRL_Time_Of_Issue.....	921
Secondary segment: SMF080_CRL_Expiration_Date.....	921
Secondary segment: SMF080_CRL_Expiration_Time.....	921
Secondary segment: SMF080_CRL_Date_Of_Publish.....	922

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF080_CRL_Time_Of_Publish.....	922
Secondary segment: SMF080_SERVAUTH_Port_Of_Entry.....	922
Secondary segment: SMF080_CRL_Issuing_Distribution_Point_URI.....	922
Secondary segment: SMF080_Requested_ALTNAME_OtherName.....	923
Secondary segment: SMF080_Response_From_OCSP.....	923
Secondary segment: SMF080_Primary_User_For_Nested_ACEE.....	923
Secondary segment: SMF080_Target_PKISERV_Certificate.....	924
Secondary segment: SMF080_Auth_User.....	924
Secondary segment: SMF080_Auth_User_Registry.....	924
Secondary segment: SMF080_Auth_User_Host.....	924
Secondary segment: SMF080_Auth_User_Mechanism_OID.....	925
Secondary segment: SMF080_Access_Criteria.....	925
Secondary segment: SMF080_PKDS_Label.....	925
Secondary segment: SMF080_Token.....	926
Secondary segment: SMF080_Ring_Owner.....	926
Secondary segment: SMF080_NewRing_Reuse_Attributes.....	926
Secondary segment: SMF080_DataPut_Trust_Attributes.....	926
Secondary segment: SMF080_DataPut_HighTrust_Attributes.....	927
Secondary segment: SMF080_DataRemove_Delete_Attributes.....	927
Secondary segment: SMF080_Certificate_Usage.....	927
Secondary segment: SMF080_Defaults.....	927
Secondary segment: SMF080_Private_Key.....	928
Secondary segment: SMF080_AutoRenew_Exit_Path.....	928
Secondary segment: SMF080_Root_Signing_Certificate.....	928
Secondary segment: SMF080_Program_Signer_Certificate.....	929
Secondary segment: SMF080_R_PgmSignVer_Flags_Byte.....	929
Secondary segment: SMF080_Module_Signed_Time.....	929
Secondary segment: SMF080_Module_Signed_Date.....	929
Secondary segment: SMF080_Module_Certificate_Chain_Expiry.....	930
Secondary segment: SMF080_MAP_USERDIDFILTER.....	930
Secondary segment: SMF080_RACMAP_REGISTRY.....	930
Secondary segment: SMF080_Profile_Auto_Update.....	931
Secondary segment: SMF080_Automatically_Updated_Profile_Class.....	931
Secondary segment: SMF080_Automatically_Updated_Profile.....	931
Secondary segment: SMF080_Automatically_Updated_Profile_Data.....	931
Secondary segment: SMF080_Key_ID.....	932
Secondary segment: SMF080_Key_Size.....	932
Secondary segment: SMF080_Requester_Email.....	932
Secondary segment: SMF080_Auth_Distributed_identity_User.....	933
Secondary segment: SMF080_Auth_Distributed_identity_Registry.....	933
Secondary segment: SMF080_Key_Algorithm.....	933
Secondary segment: SMF080_Customized_Extension.....	933
Secondary segment: SMF080_Record_Link.....	934
Secondary segment: SMF080_Signing_Algorithm.....	934
Secondary segment: SMF080_Required_Request_Approvals.....	934
Secondary segment: SMF080_Count_Of_Approvals_Performed.....	934
Secondary segment: SMF080_DataPut_DataAlter_Notrust_Attributes.....	935
Secondary segment: SMF080_DataRemove_Delete_Attributes_Ring.....	935
Secondary segment: SMF080_DataRemove_Delete_Attributes_GENREQ.....	935
Secondary segment: SMF080_Source_Certificate_Label.....	936
Secondary segment: SMF080_Multifactor_Auth_Subkeyword.....	936
Secondary segment: SMF080_Multifactor_Auth_Factor.....	937
Secondary segment: SMF080_Multifactor_Auth_TAGS.....	937
Secondary segment: SMF080_Multifactor_Auth_Authentication.....	937
Secondary segment: SMF080_Multifactor_Auth_Policy.....	938
Secondary segment: SMF080_FASTAUTH_Information.....	938
Secondary segment: SMF080_FingerPrint_Subject.....	939
Secondary segment: SMF080_FingerPrint_Issuer.....	939
Secondary segment: SMF080_FingerPrint_Before.....	940
Record Type 81 - RACF Initialization.....	941
Primary segment: SMF081_RACF_Initialization.....	941
Secondary segment: SMF081_Reloc.....	945
Record Type 82 - Cryptography Services.....	946
Primary segment: SMF082_Cryptography.....	946
Secondary segment: SMF082_ICSF_Hdr.....	947
Secondary segment: SMF082_ICSF_01_Init.....	947
Secondary segment: SMF082_ICSF_07_Oper_Key.....	948
Secondary segment: SMF082_ICSF_08_Key_Refresh.....	948
Secondary segment: SMF082_ICSF_09_CKDS_Upd.....	948
Secondary segment: SMF082_ICSF_13_PKDS_Upd.....	949
Secondary segment: SMF082_ICSF_14_Master_Key.....	949
Secondary segment: SMF082_ICSF_15_Key_Create_Del.....	950
Secondary segment: SMF082_ICSF_16_TKE.....	951
Secondary segment: SMF082_ICSF_16_TKE_Aud.....	951
Secondary segment: SMF082_ICSF_18_Config.....	952
Secondary segment: SMF082_ICSF_19_PCI_X_Timing.....	953

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF082_ICSF_20_Process_Times.....	953
Secondary segment: SMF082_ICSF_21_Sysplex_Grp_Chg.....	954
Secondary segment: SMF082_ICSF_22_Trusted_Block.....	955
Secondary segment: SMF082_ICSF_23-Token_Upd.....	955
Secondary segment: SMF082_ICSF_24_Duplicate_Tok.....	955
Secondary segment: SMF082_ICSF_25_Key_Store.....	956
Secondary segment: SMF082_ICSF_26_Public_Key.....	956
Secondary segment: SMF082_ICSF_27_PKA_Key.....	957
Secondary segment: SMF082_ICSF_28_HPSK.....	957
Secondary segment: SMF082_ICSF_29_TKEAR.....	958
Secondary segment: SMF082_ICSF_30_Archived_KDS.....	958
Secondary segment: SMF082_ICSF_31_Usage.....	959
Secondary segment: SMF082_ICSF_31_X0201.....	959
Secondary segment: SMF082_ICSF_31_X0202.....	960
Secondary segment: SMF082_ICSF_31_X0203.....	960
Secondary segment: SMF082_ICSF_31_X0204.....	960
Secondary segment: SMF082_ICSF_31_X0205.....	961
Secondary segment: SMF082_ICSF_31_X0206.....	961
Secondary segment: SMF082_ICSF_31_X0207.....	961
Secondary segment: SMF082_ICSF_Hdr40.....	962
Secondary segment: SMF082_ICSF_43_Reg_Server_Config.....	962
Secondary segment: SMF082_ICSF_TLV.....	962
Secondary segment: SMF082_ICSF_Audit.....	963
Secondary segment: SMF082_CUSP#PCF_Hdr.....	963
Secondary segment: SMF082_KeyGenerator.....	963
Secondary segment: SMF082_GENKEY.....	964
Secondary segment: SMF082_RETKEY.....	964
Secondary segment: SMF082_Initialization.....	965
Secondary segment: SMF082_Installation.....	965
Secondary segment: SMF082_Crypto_Unit.....	965
Record Type 83 - RACF Audit Record for Data Sets.....	966
Primary segment: SMF083_Security_Events.....	966
Secondary segment: SMF083_Product.....	967
Secondary segment: SMF083_Security1.....	967
Secondary segment: SMF083_Security2.....	969
Secondary segment: SMF083_Reloc1.....	971
Secondary segment: SMF083_Reloc2.....	971
Record Type 84 - JES Monitoring Facility.....	972
Record Type 84 Subtype 21 - JES Resource Limit and Usage.....	972
Primary segment: SMF084#21_JES_Res_Usage.....	972
Secondary segment: SMF084#21_Product.....	973
Secondary segment: SMF084#21_General.....	974
Secondary segment: SMF084#21_Data.....	975
Secondary segment: SMF084#21_MEMJ32.....	975
Secondary segment: SMF084#21_RSUJ32.....	975
Record Type 85 - OAM Transaction Performance.....	977
Primary segment: SMF085_OAM_Transaction_Performance.....	977
Secondary segment: SMF085_Product.....	978
Secondary segment: SMF085_01_OSREQ_Access.....	979
Secondary segment: SMF085_02_OSREQ_Store.....	980
Secondary segment: SMF085_03_OSREQ_Retrieve.....	982
Secondary segment: SMF085_04_OSREQ_Query.....	984
Secondary segment: SMF085_05_OSREQ_Change.....	985
Secondary segment: SMF085_06_OSREQ_Delete.....	986
Secondary segment: SMF085_07_OSREQ_Unaccess.....	987
Secondary segment: SMF085_08_OSREQ_STOREBEG.....	988
Secondary segment: SMF085_09_OSREQ_STOREPRT.....	989
Secondary segment: SMF085_10_OSREQ_STOREEND.....	990
Secondary segment: SMF085_32_OSMC_Storage_Group_Processing.....	992
Secondary segment: SMF085_33_OSMC_DASD_Space_Management.....	996
Secondary segment: SMF085_34_OSMC_Volume_Recovery_Utility.....	1001
Secondary segment: SMF085_35_OSMC_Move_Volume_Utility.....	1006
Secondary segment: SMF085_36_OSMC_Single_Object_Recovery_Utility.....	1011
Secondary segment: SMF085_37_OSMC_Library_Space_Management.....	1013
Secondary segment: SMF085_38_OSMC_Single_Object_Recall_Utility.....	1013
Secondary segment: SMF085_39_OSMC_Immediate_Backup.....	1014
Secondary segment: SMF085_40_OSMC_Tape_Recycle.....	1015
Secondary segment: SMF085_64_LCS_Optical_Drive_Vary_Online.....	1015
Secondary segment: SMF085_65_LCS_Optical_Drive_Vary_Offline.....	1017
Secondary segment: SMF085_66_LCS_Optical_Library_Vary_Online.....	1018
Secondary segment: SMF085_67_LCS_Optical_Library_Vary_Offline.....	1019
Secondary segment: SMF085_68_LCS_Optical_Cartridge_Entry.....	1020
Secondary segment: SMF085_69_LCS_Optical_Cartridge_Eject.....	1022
Secondary segment: SMF085_70_LCS_Optical_Cartridge_Label.....	1024
Secondary segment: SMF085_71_LCS_Optical_Volume_Audit.....	1025
Secondary segment: SMF085_72_LCS_Optical_Volume_Mount.....	1027

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF085_73_LCS_Optical_Volume_Demount.....	1029
Secondary segment: SMF085_74_LCS_Optical_Write.....	1030
Secondary segment: SMF085_74_Request_Object.....	1032
Secondary segment: SMF085_75_LCS_Optical_Read.....	1033
Secondary segment: SMF085_75_Request_Object.....	1034
Secondary segment: SMF085_76_LCS_Optical_Logical_Delete.....	1035
Secondary segment: SMF085_76_Request_Object.....	1036
Secondary segment: SMF085_77_LCS_Optical_Physical_Delete.....	1037
Secondary segment: SMF085_77_Request_Object.....	1038
Secondary segment: SMF085_78_LCS_Tape_Write.....	1039
Secondary segment: SMF085_78_Request_Object.....	1041
Secondary segment: SMF085_79_LCS_Tape_Read.....	1041
Secondary segment: SMF085_79_Request_Object.....	1043
Secondary segment: SMF085_87_LCS_Tape_Volume_Demount.....	1044
Secondary segment: SMF085_88_LCS_Tape_Logical_Delete.....	1045
Secondary segment: SMF085_88_Request_Object.....	1046
Secondary segment: SMF085_90_LCS_FS_Write.....	1047
Secondary segment: SMF085_91_LCS_FS_Read.....	1047
Secondary segment: SMF085_92_LCS_FS_Physical_Delete.....	1048
Secondary segment: SMF085_93_LCS_FS_Physical_Delete_Cleanup.....	1049
Record Type 86 - CIM Server.....	1051
Primary segment: SMF086_CIM_server.....	1051
Secondary segment: SMF086_Product.....	1052
Secondary segment: SMF086_01_Authentication.....	1052
Secondary segment: SMF086_02_Configuration.....	1052
Secondary segment: SMF086_02_Property_Name.....	1053
Secondary segment: SMF086_02_Property_Value.....	1053
Secondary segment: SMF086_02_Property_Value_New.....	1053
Secondary segment: SMF086_03_Provider_Status.....	1054
Secondary segment: SMF086_03_Provider_Name.....	1054
Secondary segment: SMF086_04_CIM_Operations.....	1054
Secondary segment: SMF086_04_CIM_Operations.....	1055
Secondary segment: SMF086_04_Object_Path.....	1055
Secondary segment: SMF086_04_Name_Space.....	1055
Secondary segment: SMF086_04_Provider_Name.....	1056
Secondary segment: SMF086_04_Provider_Module.....	1056
Record Type 87 - GRS Monitoring.....	1057
Primary segment: SMF087_GRS_Monitoring.....	1057
Secondary segment: SMF087_Requester.....	1058
Secondary segment: SMF087_01_QSCAN.....	1059
Secondary segment: SMF087_02_ENQ.....	1059
Secondary segment: SMF087_02_ISGENQ.....	1060
Record Type 88 - System Logger Data.....	1063
Record Type 88 Subtype 1 - Log Stream Activity.....	1063
Primary segment: SMF088#01_System_Logger_Data.....	1063
Secondary segment: SMF088#01_Product_Section.....	1064
Secondary segment: SMF088#01_Log_Stream.....	1064
Secondary segment: SMF088#01_Events.....	1065
Secondary segment: SMF088#01_Structure_Interim_Storage.....	1066
Record Type 88 Subtype 11 - CF Structure Alter Activity.....	1067
Primary segment: SMF088#11_System_Logger_Data.....	1067
Secondary segment: SMF088#11_Product_Section.....	1068
Secondary segment: SMF088#11_Structure_Alter.....	1068
Record Type 89 - Product Usage Data.....	1070
Primary segment: SMF089_Usage_Data.....	1070
Secondary segment: SMF089_Product.....	1071
Secondary segment: SMF089_SystemID.....	1072
Secondary segment: SMF089_01_Usage.....	1074
Secondary segment: SMF089_01_Prod_Intersec.....	1076
Secondary segment: SMF089_01_Tenant_ResGrp.....	1077
Secondary segment: SMF089_01_Tenant_ResGrp_Intersec.....	1077
Secondary segment: SMF089_02_State.....	1078
Secondary segment: SMF089_02_State_Tenant_ResGrpsec.....	1079
Record Type 90 - System Status.....	1080
Primary segment: SMF090_System_Status.....	1081
Secondary segment: SMF090_Product.....	1081
Secondary segment: SMF090_01_SET_TIME.....	1082
Secondary segment: SMF090_02_SET_DATE.....	1082
Secondary segment: SMF090_05_SET_SMF.....	1082
Secondary segment: SMF090_05_Command.....	1083
Secondary segment: SMF090_05_SMF_Dataset.....	1084
Secondary segment: SMF090_05_Subsystem.....	1084
Secondary segment: SMF090_05_Subsystem_Parameter.....	1090
Secondary segment: SMF090_06_SWITCH_SMF.....	1091
Secondary segment: SMF090_07_HALT_EOD.....	1091
Secondary segment: SMF090_08_IPL_PROMPT.....	1091

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF090_09 IPL_SMF.....	1092
Secondary segment: SMF090_09 Command.....	1092
Secondary segment: SMF090_09 SMF_Dataset.....	1093
Secondary segment: SMF090_09 Subsystem.....	1093
Secondary segment: SMF090_09 Subsystem_Parameter.....	1100
Secondary segment: SMF090_10 IPL_SRM.....	1100
Secondary segment: SMF090_11 SET_OPT.....	1101
Secondary segment: SMF090_13 SETSMF.....	1101
Secondary segment: SMF090_13 Command.....	1102
Secondary segment: SMF090_13 SMF_Dataset.....	1103
Secondary segment: SMF090_13 Subsystem.....	1103
Secondary segment: SMF090_13 Subsystem_Parameter.....	1109
Secondary segment: SMF090_14 SET_MPF.....	1109
Secondary segment: SMF090_15 SET_SMF_Restart.....	1110
Secondary segment: SMF090_15 Command.....	1110
Secondary segment: SMF090_15 SMF_Dataset.....	1111
Secondary segment: SMF090_15 Subsystem.....	1112
Secondary segment: SMF090_15 Subsystem_Parameter.....	1118
Secondary segment: SMF090_16 SET_DAE.....	1118
Secondary segment: SMF090_17 SET_PFK.....	1118
Secondary segment: SMF090_18 SET_GRSRNL.....	1119
Secondary segment: SMF090_19 SET_APPC.....	1119
Secondary segment: SMF090_20 SET_ASCH.....	1119
Secondary segment: SMF090_21 SET_SCH.....	1120
Secondary segment: SMF090_22 SET_CNGRP.....	1120
Secondary segment: SMF090_23 IPL_WLM.....	1120
Secondary segment: SMF090_24 VARY_WLM.....	1120
Secondary segment: SMF090_24 Service_Policy_Definition.....	1122
Secondary segment: SMF090_24 Workload_Definition.....	1124
Secondary segment: SMF090_24 Service_Class_Definition.....	1124
Secondary segment: SMF090_24 Service_Class_Period.....	1125
Secondary segment: SMF090_24 Report_Class_Definition.....	1126
Secondary segment: SMF090_24 Resource_Group_Definition.....	1126
Secondary segment: SMF090_24 EWLM_Managed_Server_Definition.....	1127
Secondary segment: SMF090_24 EWLM_Managed_Server_Excluded_Sysnames.....	1127
Secondary segment: SMF090_25 MODIFY_WLM.....	1127
Secondary segment: SMF090_26 IPL_LOGREC.....	1128
Secondary segment: SMF090_27 SETXCF_START.....	1128
Secondary segment: SMF090_28 SETXCF_STOP.....	1128
Secondary segment: SMF090_29 SET_PROG_LNKLST.....	1129
Secondary segment: SMF090_30 RESET.....	1129
Secondary segment: SMF090_31 SET_PROG_LPALST.....	1130
Secondary segment: SMF090_31 ADD_ModEntry.....	1130
Secondary segment: SMF090_31 ADD_ModEntry_SVC.....	1131
Secondary segment: SMF090_31 ADD_ModEntry_Success.....	1131
Secondary segment: SMF090_31 ADD_ModEntry_Fail.....	1132
Secondary segment: SMF090_31 ADD_ModEntry_Abend.....	1134
Secondary segment: SMF090_31 DELETE_ModEntry.....	1135
Secondary segment: SMF090_32 WLM_Policy_Change.....	1135
Secondary segment: SMF090_32 Scheduling_Environment.....	1136
Secondary segment: SMF090_32 Scheduling_Environment_Resource.....	1137
Secondary segment: SMF090_32 Resource.....	1137
Secondary segment: SMF090_32 Extended_Data.....	1137
Secondary segment: SMF090_32 Scheduling_Environment_Extension.....	1137
Secondary segment: SMF090_33 SET_AUTOR.....	1137
Secondary segment: SMF090_34 Processor_Capacity_Change.....	1138
Secondary segment: SMF090_35 SETLOAD_xx_IEASYM.....	1139
Secondary segment: SMF090_36 SET_CON.....	1139
Secondary segment: SMF090_37 Dynamic APF.....	1139
Secondary segment: SMF090_38 SET_IEFOPZ.....	1140
Secondary segment: SMF090_38 OldNew.....	1141
Secondary segment: SMF090_38 DDJobName.....	1141
Secondary segment: SMF090_39 SET_SMFLIM.....	1142
Secondary segment: SMF090_40 Boost_Info.....	1142
Record Type 91 - BatchPipes Statistics.....	1144
Record Type 91 Subtype 1 - Subsystem Initialisation.....	1144
Primary segment: SMF091#01 IBM_BatchPipes_Subsystem_Initialization.....	1144
Secondary segment: SMF091#01 Product.....	1145
Secondary segment: SMF091#01 Subsystem_Identification.....	1146
Secondary segment: SMF091#01 Subsystem_Controls.....	1146
Record Type 91 Subtype 2 - Subsystem Interval.....	1148
Primary segment: SMF091#02 IBM_BatchPipes_Subsystem_Interval.....	1148
Secondary segment: SMF091#02 Product.....	1149
Secondary segment: SMF091#02 Subsystem_Identification.....	1150
Secondary segment: SMF091#02 Subsystem_Controls.....	1150
Secondary segment: SMF091#02 Subsystem_Activity.....	1151

Contents

Appendix B: SMF Record Layouts

Record Type 91 Subtype 3 - Subsystem Ending.....	1152
Primary segment: SMF091#03 IBM BatchPipes Subsystem Ending.....	1152
Secondary segment: SMF091#03 Product.....	1153
Secondary segment: SMF091#03 Subsystem Identification.....	1154
Secondary segment: SMF091#03 Subsystem Controls.....	1154
Secondary segment: SMF091#03 Subsystem Activity.....	1155
Record Type 91 Subtype 11 - Pipe Connection Open.....	1156
Primary segment: SMF091#11 IBM BatchPipes Pipe Connection Open.....	1156
Secondary segment: SMF091#11 Product.....	1157
Secondary segment: SMF091#11 Subsystem Identification.....	1158
Secondary segment: SMF091#11 Pipe Identification.....	1158
Secondary segment: SMF091#11 Pipe Writer Connection.....	1158
Secondary segment: SMF091#11 Pipe Reader Connection.....	1159
Record Type 91 Subtype 12 - Pipe Interval.....	1161
Primary segment: SMF091#12 IBM BatchPipes Pipe Interval.....	1161
Secondary segment: SMF091#12 Product.....	1162
Secondary segment: SMF091#12 Subsystem Identification.....	1163
Secondary segment: SMF091#12 Pipe Identification.....	1163
Secondary segment: SMF091#12 Pipe Activity.....	1163
Secondary segment: SMF091#12 Pipe Writer Connection.....	1164
Secondary segment: SMF091#12 Pipe Reader Connection.....	1164
Record Type 91 Subtype 13 - Pipe Connection Close.....	1166
Primary segment: SMF091#13 IBM BatchPipes Pipe Connection Close.....	1166
Secondary segment: SMF091#13 Product.....	1167
Secondary segment: SMF091#13 Subsystem Identification.....	1168
Secondary segment: SMF091#13 Pipe Identification.....	1168
Secondary segment: SMF091#13 Pipe Writer Connection.....	1168
Secondary segment: SMF091#13 Pipe Reader Connection.....	1169
Record Type 91 Subtype 14 - Pipe Create.....	1171
Primary segment: SMF091#14 IBM BatchPipes Pipe Create.....	1171
Secondary segment: SMF091#14 Product.....	1172
Secondary segment: SMF091#14 Subsystem Identification.....	1173
Secondary segment: SMF091#14 Pipe Identification.....	1173
Record Type 91 Subtype 15 - Pipe Delete.....	1174
Primary segment: SMF091#15 IBM BatchPipes Pipe Delete.....	1174
Secondary segment: SMF091#15 Product.....	1175
Secondary segment: SMF091#15 Subsystem Identification.....	1176
Secondary segment: SMF091#15 Pipe Identification.....	1176
Secondary segment: SMF091#15 Pipe Activity.....	1176
Secondary segment: SMF091#15 Pipe Writer Connection.....	1177
Secondary segment: SMF091#15 Pipe Reader Connection.....	1177
Record Type 92 - File System.....	1179
Primary segment: SMF092 File System.....	1179
Secondary segment: SMF092 Subsystem.....	1180
Secondary segment: SMF092 Identification.....	1180
Secondary segment: SMF092 IdentZFS.....	1181
Secondary segment: SMF092 S01 FileSys Mounted.....	1181
Secondary segment: SMF092 S01 Path.....	1182
Secondary segment: SMF092 S02 FileSys Susp.....	1183
Secondary segment: SMF092 S04 FileSys Res.....	1183
Secondary segment: SMF092 S05 FileSys Unmounted.....	1184
Secondary segment: SMF092 S06 FileSys Remounted.....	1186
Secondary segment: SMF092 S07 FileSys Moved.....	1187
Secondary segment: SMF092 S08 FileSys Migrated.....	1189
Secondary segment: SMF092 S10 File Opened.....	1190
Secondary segment: SMF092 S11 File Closed.....	1191
Secondary segment: SMF092 S12 MemMap Start.....	1192
Secondary segment: SMF092 S13 MemMap End.....	1192
Secondary segment: SMF092 S14 File Del or Ren.....	1192
Secondary segment: SMF092 S15 File Sec Chg.....	1193
Secondary segment: SMF092 S16 Sock Spec Closed.....	1194
Secondary segment: SMF092 S17 Times Accessed.....	1195
Secondary segment: SMF092 S50 FileSys Events.....	1196
Secondary segment: SMF092 S51 zFS Response Times.....	1197
Secondary segment: SMF092 S51 zFS Response Times Call.....	1197
Secondary segment: SMF092 S52 zFS File Cache.....	1198
Secondary segment: SMF092 S52 zFS File Cache Cache.....	1199
Secondary segment: SMF092 S53 zFS Metadata Cache.....	1200
Secondary segment: SMF092 S54 zFS Locking Sleeps.....	1200
Secondary segment: SMF092 S54 zFS Locking Sleeps LockCont.....	1201
Secondary segment: SMF092 S54 zFS Locking Sleeps SleepCont.....	1201
Secondary segment: SMF092 S55 zFS Disk IO.....	1201
Secondary segment: SMF092 S55 zFS Disk IO IoCirc.....	1202
Secondary segment: SMF092 S56 TokManager.....	1203
Secondary segment: SMF092 S56 TokManager SysTok.....	1203
Secondary segment: SMF092 S56 TokManager Thrash.....	1204

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF092_S57_zFS_Memory.....	1204
Secondary segment: SMF092_S57_zFS_Memory_SubComp.....	1205
Secondary segment: SMF092_S58_Transmit_Receive.....	1205
Secondary segment: SMF092_S58_Transmit_Receive_TR.....	1206
Secondary segment: SMF092_S59_Per_File_System_Usage.....	1206
Record Type 94 - Tape Library.....	1208
Record Type 94 Subtype 1 - 34xx Library Statistics.....	1208
Primary segment: SMF094#01_Tape_Lib.....	1208
Secondary segment: SMF094#01_Product.....	1210
Secondary segment: SMF094#01_Format.....	1210
Secondary segment: SMF094#01_Self_Desc.....	1210
Secondary segment: SMF094#01_Self_Managed.....	1211
Secondary segment: SMF094#01_Mount.....	1211
Secondary segment: SMF094#01_Demount.....	1212
Secondary segment: SMF094#01_Eject.....	1212
Secondary segment: SMF094#01_Audit.....	1213
Secondary segment: SMF094#01_Insert.....	1213
Secondary segment: SMF094#01_VTS.....	1214
Secondary segment: SMF094#01_Import_Export.....	1217
Secondary segment: SMF094#01_VTS_Enhanced_Lib.....	1217
Secondary segment: SMF094#01_Array_Data.....	1232
Record Type 94 Subtype 2 - Volume Pool.....	1234
Primary segment: SMF094#02_Tape_Lib_VolPool.....	1234
Secondary segment: SMF094#02_Product.....	1234
Secondary segment: SMF094#02_Header.....	1235
Secondary segment: SMF094#02_VolPoolStats_VPS.....	1235
Secondary segment: SMF094#02_VolPoolStats_VPSArray.....	1236
Record Type 96 - Cross Memory Service Provider Charge Back.....	1241
Primary segment: SMF096_Cross_Memory_Service_Provider_Charge_Back.....	1241
Secondary segment: SMF096_JMR.....	1241
Secondary segment: SMF096_Provider_Data.....	1242
Secondary segment: SMF096_Detail.....	1242
Secondary segment: SMF096_Summary.....	1242
Record Type 97 - Foreign Enclave Resource.....	1244
Primary segment: SMF097_Foreign_Enclave_Resource.....	1244
Secondary segment: SMF097_Product.....	1244
Secondary segment: SMF097_Enclave.....	1245
Record Type 98 - High Frequency Throughput Statistics.....	1246
Primary segment: SMF098_High_Freq_ThruPut.....	1246
Secondary segment: SMF098_Identification.....	1247
Secondary segment: SMF098_Context.....	1247
Secondary segment: SMF098_01_Subtype_Data.....	1248
Secondary segment: SMF098_01_Environmental.....	1250
Secondary segment: SMF098_01_Utilization.....	1253
Secondary segment: SMF098_01_ECCC.....	1257
Secondary segment: SMF098_01_SpinLock_Sum.....	1257
Secondary segment: SMF098_01_SpinLock_Det.....	1257
Secondary segment: SMF098_01_SuspLock_Info.....	1257
Secondary segment: SMF098_01_SuspLock_Sum.....	1258
Secondary segment: SMF098_01_SuspLock_Det.....	1258
Secondary segment: SMF098_01_Address_Space.....	1259
Secondary segment: SMF098_01_LockLocalCML.....	1259
Secondary segment: SMF098_01_WorkUnit_PB.....	1261
Secondary segment: SMF098_01_Consume.....	1262
Secondary segment: SMF098_01_SuspLock_MaxSum.....	1262
Secondary segment: SMF098_01_SuspLock_MaxDet.....	1263
Secondary segment: SMF098_01_ExEff.....	1264
Secondary segment: SMF098_01_WorkUnit.....	1265
Secondary segment: SMF098_01_AS_SpinLock.....	1266
Record Type 99 - SRM Decisions.....	1268
Record Type 99 Subtype 1 - System Level Data.....	1268
Primary segment: SMF099#01_SRM_System_Level_Data.....	1268
Secondary segment: SMF099#01_Product_Information.....	1269
Secondary segment: SMF099#01_Self_Defining_Section.....	1269
Secondary segment: SMF099#01_Trace_Table_Entry.....	1271
Secondary segment: SMF099#01_System_State_Information.....	1271
Secondary segment: SMF099#01_System_Paging_Plot_Information.....	1276
Secondary segment: SMF099#01_Plot_Curve_Point_Entry.....	1276
Secondary segment: SMF099#01_Priority_Table_Entry.....	1276
Secondary segment: SMF099#01_Priority_Table_Entry_zAAP.....	1277
Secondary segment: SMF099#01_Priority_Table_Entry_zIIP.....	1278
Secondary segment: SMF099#01_Resource_Group_Entry.....	1279
Secondary segment: SMF099#01_Generic_Resource_Entry.....	1280
Secondary segment: SMF099#01_Software_Licensing_Information.....	1281
Secondary segment: SMF099#01_Software_Licensing_Table_Information.....	1282
Record Type 99 Subtype 2 - Service Class Activity.....	1284

Contents

Appendix B: SMF Record Layouts

Primary segment: SMF099#02 SRM Service Classes.....	1284
Secondary segment: SMF099#02 Product Information.....	1285
Secondary segment: SMF099#02 Self Defining Section.....	1285
Secondary segment: SMF099#02 Class Data.....	1285
Secondary segment: SMF099#02 EWLM Class Data.....	1286
Secondary segment: SMF099#02 Period Data.....	1286
Secondary segment: SMF099#02 Cross Memory Delay Entry.....	1294
Secondary segment: SMF099#02 Server Data Entry.....	1294
Secondary segment: SMF099#02 Server Sample Data Entry.....	1295
Secondary segment: SMF099#02 Queue Server Data Entry.....	1295
Secondary segment: SMF099#02 Remote Queue Server Data Entry.....	1297
Secondary segment: SMF099#02 IO Subsystems Samples Data.....	1298
Secondary segment: SMF099#02 Address Space ExpStgAccess.....	1298
Record Type 99 Subtype 3 - Service Class Period Plot Data.....	1301
Primary segment: SMF099#03 SRM Service Class Period Plot Data.....	1301
Secondary segment: SMF099#03 Product Information.....	1302
Secondary segment: SMF099#03 Self Defining Section.....	1302
Secondary segment: SMF099#03 Class Data.....	1302
Secondary segment: SMF099#03 Period Self Defining Section.....	1303
Secondary segment: SMF099#03 Period Paging Rate Plot.....	1304
Secondary segment: SMF099#03 MPL Delay Plot.....	1304
Secondary segment: SMF099#03 Ready User Average Plot.....	1305
Secondary segment: SMF099#03 Swap Delay Plot.....	1305
Secondary segment: SMF099#03 Proportional Aggregate Speed Plot.....	1306
Secondary segment: SMF099#03 Queue Delay Plot.....	1306
Secondary segment: SMF099#03 Queue Ready User Average Plot.....	1306
Secondary segment: SMF099#03 Active Server Instances Plot.....	1307
Secondary segment: SMF099#03 VS Plot for Active Server Instances.....	1307
Secondary segment: SMF099#03 VS Plot for Total Server Instances.....	1308
Secondary segment: SMF099#03 Queue Service Time Plot.....	1308
Secondary segment: SMF099#03 Plot Curve Point Entry.....	1308
Record Type 99 Subtype 4 - Device Cluster.....	1310
Primary segment: SMF099#04 SRM Device Cluster.....	1310
Secondary segment: SMF099#04 Product Information.....	1310
Secondary segment: SMF099#04 Self Defining Section.....	1311
Secondary segment: SMF099#04 Device Cluster Priority Table.....	1311
Secondary segment: SMF099#04 IO Plot Information.....	1312
Secondary segment: SMF099#04 Plot Curve Point Entry.....	1312
Record Type 99 Subtype 5 - Monitored Address Spaces.....	1313
Primary segment: SMF099#05 SRM Monitored Address Spaces.....	1313
Secondary segment: SMF099#05 Product Information.....	1313
Secondary segment: SMF099#05 Self Defining Section.....	1314
Secondary segment: SMF099#05 Plot Curve Point Entry.....	1315
Record Type 99 Subtype 6 - Service Class Period Summary.....	1316
Primary segment: SMF099#06 SRM Service Class Period Summary.....	1316
Secondary segment: SMF099#06 Product Information.....	1316
Secondary segment: SMF099#06 Self Defining Section.....	1317
Secondary segment: SMF099#06 Period Data Section.....	1317
Secondary segment: SMF099#06 Server Section.....	1319
Record Type 99 Subtype 7 - ESS with Parallel Access Volume Summary.....	1320
Primary segment: SMF099#07 SRM ESS with PAV Summary.....	1320
Secondary segment: SMF099#07 Product Information.....	1320
Secondary segment: SMF099#07 Self Defining Section.....	1321
Secondary segment: SMF099#07 PAV Device Section.....	1321
Record Type 99 Subtype 8 - LPAR CPU Management Summary.....	1323
Primary segment: SMF099#08 SRM LPAR CPU Management Summary.....	1323
Secondary segment: SMF099#08 Product Information.....	1324
Secondary segment: SMF099#08 Self Defining Section.....	1324
Secondary segment: SMF099#08 LPAR Data Entry.....	1325
Secondary segment: SMF099#08 Priority Table Entry.....	1326
Secondary segment: SMF099#08 CPU Period Table Entry.....	1327
Secondary segment: SMF099#08 IO Subsystems Samples Data.....	1328
Secondary segment: SMF099#08 LPAR CPU Data in Cluster.....	1328
Secondary segment: SMF099#08 SYSCH CPU Plot.....	1329
Secondary segment: SMF099#08 Plot Curve Point Entry.....	1329
Record Type 99 Subtype 9 - Dynamic Channel Path Management Summary.....	1330
Primary segment: SMF099#09 SRM Dynamic Channel Path Management Summary.....	1330
Secondary segment: SMF099#09 Product Information.....	1330
Secondary segment: SMF099#09 Self Defining Section.....	1331
Secondary segment: SMF099#09 IO Subsystem Data.....	1331
Secondary segment: SMF099#09 IO Subsystem Plot.....	1333
Secondary segment: SMF099#09 Plot Curve Point Entry.....	1333
Secondary segment: SMF099#09 IO Channel Path Data Entry.....	1333
Record Type 99 Subtype 10 - Dynamic Processor Speed Changes.....	1335
Primary segment: SMF099#10 SRM Dynamic Processor Speed Changes.....	1335
Secondary segment: SMF099#10 Product Information.....	1335

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF099#10_Self_Defining_Section.....	1336
Secondary segment: SMF099#10_CPU_Data.....	1336
Secondary segment: SMF099#10_Processor_Speed_Change_Old.....	1337
Secondary segment: SMF099#10_Processor_Speed_Change_New.....	1337
Record Type 99 Subtype 11 - Group Capacity Limits.....	1338
Primary segment: SMF099#11_SRM_Group_Capacity_Limits.....	1338
Secondary segment: SMF099#11_Product_Information.....	1338
Secondary segment: SMF099#11_Self_Defining_Section.....	1339
Secondary segment: SMF099#11_Capacity_Group_Data.....	1339
Secondary segment: SMF099#11_CEC_Service_Data.....	1340
Record Type 99 Subtype 12 - HiperDispatch Interval Data.....	1341
Primary segment: SMF099#12_SRM_HiperDispatch_Interval_Data.....	1341
Secondary segment: SMF099#12_Product_Information.....	1341
Secondary segment: SMF099#12_Self_Defining_Section.....	1342
Secondary segment: SMF099#12_Header_Data.....	1342
Secondary segment: SMF099#12_Capacity_Data.....	1344
Secondary segment: SMF099#12_Processor_Data.....	1348
Record Type 99 Subtype 14 - HiperDispatch Topology Data.....	1349
Primary segment: SMF099#14_SRM_HiperDispatch_Topology_Data.....	1349
Secondary segment: SMF099#14_Product_Information.....	1350
Secondary segment: SMF099#14_Self_Defining_Section.....	1350
Secondary segment: SMF099#14_Header_Data.....	1351
Secondary segment: SMF099#14_Processor_Data.....	1352
Secondary segment: SMF099#14_Node_Data.....	1352
Secondary segment: SMF099#14_MPWQ_CPUCore_Data.....	1353
Secondary segment: SMF099#14_MPWQ_HNode_Data.....	1354
Record Type 100 - DB2 Statistics.....	1355
Primary segment: SMF100_DB2_Statistics.....	1355
Secondary segment: SMF100_Prod_Standard.....	1356
Secondary segment: SMF100_Prod_Correlation.....	1358
Secondary segment: SMF100_Prod_Trace.....	1360
Secondary segment: SMF100_Prod_CPU.....	1361
Secondary segment: SMF100_Prod_Distributed.....	1362
Secondary segment: SMF100_Prod_Data_Sharing.....	1363
Secondary segment: SMF100_WS0_Triplets.....	1363
Secondary segment: SMF100_CPU_Time.....	1364
Secondary segment: SMF100_Destination.....	1365
Secondary segment: SMF100_Instrumentation.....	1366
Secondary segment: SMF100_SSSS_SSAM.....	1366
Secondary segment: SMF100_GCPC.....	1368
Secondary segment: SMF100_Misc_IFC.....	1370
Secondary segment: SMF100_Latch.....	1372
Secondary segment: SMF100_ASMC.....	1373
Secondary segment: SMF100_Storage_Manager.....	1374
Secondary segment: SMF100_DDF.....	1376
Secondary segment: SMF100_DDF_Location.....	1377
Secondary segment: SMF100_Log_Manager.....	1377
Secondary segment: SMF100_DDF_System.....	1380
Secondary segment: SMF100_System.....	1382
Secondary segment: SMF100_WS1_Triplets.....	1383
Secondary segment: SMF100_RDS.....	1384
Secondary segment: SMF100_Service_Controller.....	1395
Secondary segment: SMF100_Buffer_Management.....	1399
Secondary segment: SMF100_Data_Manager.....	1404
Secondary segment: SMF100_Lock.....	1408
Secondary segment: SMF100_EDM_Pool.....	1409
Secondary segment: SMF100_QBGL_Group_Buffer_Pool.....	1412
Secondary segment: SMF100_Global_Locking.....	1415
Secondary segment: SMF100_Language_Environment.....	1417
Secondary segment: SMF100_Star_Join.....	1418
Secondary segment: SMF100_Accelerator.....	1418
Secondary segment: SMF100_Simulated_Buffer_Pool.....	1423
Secondary segment: SMF100_WS2_Triplets.....	1424
Secondary segment: SMF100_Buffer_Pool.....	1424
Secondary segment: SMF100_WS3_Triplets.....	1425
Secondary segment: SMF100_QBGB_Group_Buffer_Pool.....	1425
Record Type 101 - DB2 Accounting.....	1427
Primary segment: SMF101_DB2_Accounting.....	1427
Secondary segment: SMF101_Prod_Standard.....	1428
Secondary segment: SMF101_Prod_Correlation.....	1429
Secondary segment: SMF101_Prod_Trace.....	1432
Secondary segment: SMF101_Prod_CPU.....	1433
Secondary segment: SMF101_Prod_Distributed.....	1434
Secondary segment: SMF101_Prod_Data_Sharing.....	1435
Secondary segment: SMF101_WA0_Triplets.....	1435
Secondary segment: SMF101_Instrumentation.....	1436

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF101_RDS.....	1446
Secondary segment: SMF101_Buffer_Manager.....	1456
Secondary segment: SMF101_Lock.....	1458
Secondary segment: SMF101_DDF.....	1459
Secondary segment: SMF101_DDF_Location.....	1461
Secondary segment: SMF101_Account_Code.....	1462
Secondary segment: SMF101_IFI.....	1463
Secondary segment: SMF101_Rollup.....	1464
Secondary segment: SMF101_Group_Buffer_Pool.....	1464
Secondary segment: SMF101_Global_Locking.....	1466
Secondary segment: SMF101_Data_Sharing.....	1467
Secondary segment: SMF101_Overflow.....	1467
Secondary segment: SMF101_Accelerator.....	1469
Secondary segment: SMF101_Accelerator_Id.....	1470
Secondary segment: SMF101_WA1_Triplets.....	1470
Secondary segment: SMF101_Package_Overflow.....	1471
Secondary segment: SMF101_Package.....	1471
Secondary segment: SMF101_Package_Location.....	1476
Secondary segment: SMF101_Package_Collection.....	1476
Secondary segment: SMF101_Package_Program.....	1476
Secondary segment: SMF101_Package_Activity_Schema.....	1477
Secondary segment: SMF101_Package_Activity_Name.....	1477
Secondary segment: SMF101_SCC.....	1477
Record Type 102 - DB2 Performance.....	1478
Primary segment: SMF102_DB2_Performance.....	1484
Secondary segment: SMF102_Prod_Standard.....	1484
Secondary segment: SMF102_Prod_Correlation.....	1486
Secondary segment: SMF102_Prod_Trace.....	1489
Secondary segment: SMF102_Prod_CPU.....	1490
Secondary segment: SMF102_Prod_Distributed.....	1490
Secondary segment: SMF102_Prod_Data_Sharing.....	1491
Secondary segment: SMF102_WT0_Triplets.....	1492
Secondary segment: SMF102_System_Parameter.....	1492
Secondary segment: SMF102_Resource_Limit.....	1499
Secondary segment: SMF102_Log_Initialization.....	1499
Secondary segment: SMF102_Archive.....	1500
Secondary segment: SMF102_SPRM.....	1501
Secondary segment: SMF102_SADM.....	1524
Secondary segment: SMF102_DFID.....	1524
Secondary segment: SMF102_ADM2.....	1524
Secondary segment: SMF102_OPR1.....	1524
Secondary segment: SMF102_OPR2.....	1525
Secondary segment: SMF102_REGC.....	1525
Secondary segment: SMF102_REGA.....	1525
Secondary segment: SMF102_REGO.....	1525
Secondary segment: SMF102_OZUS.....	1525
Secondary segment: SMF102_SECA1.....	1526
Secondary segment: SMF102_FCCD.....	1526
Secondary segment: SMF102_SECA2.....	1526
Secondary segment: SMF102_IRLM.....	1526
Secondary segment: SMF102_Catalog.....	1527
Secondary segment: SMF102_DBM1_Startup_Flg.....	1527
Secondary segment: SMF102_DBM1_Startup_DBs.....	1527
Secondary segment: SMF102_Facility_Start.....	1528
Secondary segment: SMF102_Data_Sharing.....	1530
Secondary segment: SMF102_App_Prog.....	1531
Secondary segment: SMF102_QW0004.....	1533
Secondary segment: SMF102_QW0005.....	1533
Secondary segment: SMF102_QW0006.....	1533
Secondary segment: SMF102_QW0007.....	1534
Secondary segment: SMF102_QW00072.....	1534
Secondary segment: SMF102_QW0008.....	1535
Secondary segment: SMF102_QW0009.....	1535
Secondary segment: SMF102_QW0010.....	1536
Secondary segment: SMF102_QW0011.....	1536
Secondary segment: SMF102_QW0012.....	1537
Secondary segment: SMF102_QW0013.....	1537
Secondary segment: SMF102_QW0014.....	1538
Secondary segment: SMF102_QW0015.....	1538
Secondary segment: SMF102_QW0016.....	1539
Secondary segment: SMF102_QW0017.....	1540
Secondary segment: SMF102_QW0018.....	1540
Secondary segment: SMF102_QW0019.....	1542
Secondary segment: SMF102_QW0020.....	1542
Secondary segment: SMF102_QW0021.....	1543
Secondary segment: SMF102_QW0022.....	1549

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF102_QW0023.....	1553
Secondary segment: SMF102_QW0024.....	1554
Secondary segment: SMF102_QW0025.....	1554
Secondary segment: SMF102_QW0026.....	1556
Secondary segment: SMF102_QW0027.....	1556
Secondary segment: SMF102_QW0028.....	1556
Secondary segment: SMF102_QW0029.....	1557
Secondary segment: SMF102_QW0030.....	1559
Secondary segment: SMF102_QW0031.....	1560
Secondary segment: SMF102_QW0032.....	1561
Secondary segment: SMF102_QW0033.....	1562
Secondary segment: SMF102_QW0034.....	1562
Secondary segment: SMF102_QW0035.....	1562
Secondary segment: SMF102_QW0036.....	1563
Secondary segment: SMF102_QW0037.....	1563
Secondary segment: SMF102_QW0038.....	1563
Secondary segment: SMF102_QW0039.....	1564
Secondary segment: SMF102_QW0040.....	1564
Secondary segment: SMF102_QW0041.....	1564
Secondary segment: SMF102_QW0042.....	1564
Secondary segment: SMF102_QW0043.....	1565
Secondary segment: SMF102_QW0044.....	1565
Secondary segment: SMF102_QW0045.....	1567
Secondary segment: SMF102_QW0046.....	1568
Secondary segment: SMF102_QW0047.....	1568
Secondary segment: SMF102_QW0048.....	1568
Secondary segment: SMF102_QW0049.....	1568
Secondary segment: SMF102_QW0050.....	1569
Secondary segment: SMF102_QW0051.....	1569
Secondary segment: SMF102_QW0052.....	1569
Secondary segment: SMF102_QW0053.....	1570
Secondary segment: SMF102_QW0055.....	1572
Secondary segment: SMF102_QW0056.....	1572
Secondary segment: SMF102_QW0057.....	1572
Secondary segment: SMF102_QW0058.....	1572
Secondary segment: SMF102_QW0059.....	1576
Secondary segment: SMF102_QW0060.....	1577
Secondary segment: SMF102_QW0061.....	1577
Secondary segment: SMF102_QW0062.....	1578
Secondary segment: SMF102_QW0063.....	1579
Secondary segment: SMF102_QW0064.....	1579
Secondary segment: SMF102_QW0065.....	1580
Secondary segment: SMF102_QW0066.....	1581
Secondary segment: SMF102_QW0067.....	1582
Secondary segment: SMF102_QW0068.....	1582
Secondary segment: SMF102_QW0069.....	1583
Secondary segment: SMF102_QW0070.....	1583
Secondary segment: SMF102_QW0071.....	1583
Secondary segment: SMF102_QW0072.....	1583
Secondary segment: SMF102_QW0073.....	1584
Secondary segment: SMF102_QW0075.....	1584
Secondary segment: SMF102_QW0076.....	1584
Secondary segment: SMF102_QW0077.....	1585
Secondary segment: SMF102_QW0078.....	1585
Secondary segment: SMF102_QW0079.....	1585
Secondary segment: SMF102_QW0080.....	1585
Secondary segment: SMF102_QW0081.....	1585
Secondary segment: SMF102_QW0082.....	1586
Secondary segment: SMF102_QW0083.....	1586
Secondary segment: SMF102_QW0084.....	1587
Secondary segment: SMF102_QW0085.....	1587
Secondary segment: SMF102_QW0086.....	1587
Secondary segment: SMF102_QW0087.....	1588
Secondary segment: SMF102_QW0088.....	1588
Secondary segment: SMF102_QW0089.....	1588
Secondary segment: SMF102_QW0090.....	1589
Secondary segment: SMF102_QW0091.....	1589
Secondary segment: SMF102_QW0092.....	1589
Secondary segment: SMF102_QW0093.....	1589
Secondary segment: SMF102_QW0094.....	1590
Secondary segment: SMF102_QW0096.....	1590
Secondary segment: SMF102_QW0097.....	1591
Secondary segment: SMF102_QW0098.....	1592
Secondary segment: SMF102_QW0099.....	1592
Secondary segment: SMF102_QW0100.....	1592
Secondary segment: SMF102_QW0101.....	1593

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF102_QW0103.....	1593
Secondary segment: SMF102_QW0104.....	1593
Secondary segment: SMF102_QW0105.....	1593
Secondary segment: SMF102_QW0107.....	1593
Secondary segment: SMF102_QW0108.....	1594
Secondary segment: SMF102_QW0109.....	1596
Secondary segment: SMF102_QW0110.....	1596
Secondary segment: SMF102_QW0111.....	1597
Secondary segment: SMF102_QW0112.....	1597
Secondary segment: SMF102_QW0113.....	1598
Secondary segment: SMF102_QW0114.....	1599
Secondary segment: SMF102_QW0115.....	1599
Secondary segment: SMF102_QW0116.....	1600
Secondary segment: SMF102_QW0117.....	1600
Secondary segment: SMF102_QW0118.....	1600
Secondary segment: SMF102_QW0119.....	1601
Secondary segment: SMF102_QW0120.....	1601
Secondary segment: SMF102_QW0121.....	1601
Secondary segment: SMF102_QW0122.....	1601
Secondary segment: SMF102_QW0123.....	1601
Secondary segment: SMF102_QW01242.....	1602
Secondary segment: SMF102_QW01243.....	1602
Secondary segment: SMF102_QW01244.....	1602
Secondary segment: SMF102_QW01245.....	1603
Secondary segment: SMF102_QW01246.....	1603
Secondary segment: SMF102_QW01247.....	1605
Secondary segment: SMF102_QW01248.....	1605
Secondary segment: SMF102_QW0125.....	1606
Secondary segment: SMF102_QW01261.....	1608
Secondary segment: SMF102_QW01262.....	1608
Secondary segment: SMF102_QW0127.....	1609
Secondary segment: SMF102_QW0128.....	1610
Secondary segment: SMF102_QW01291.....	1610
Secondary segment: SMF102_QW01292.....	1611
Secondary segment: SMF102_QW0140.....	1612
Secondary segment: SMF102_QW0141.....	1613
Secondary segment: SMF102_QW0142.....	1614
Secondary segment: SMF102_QW0143.....	1615
Secondary segment: SMF102_QW0144.....	1615
Secondary segment: SMF102_QW0145.....	1616
Secondary segment: SMF102_QW01452.....	1617
Secondary segment: SMF102_QW01453.....	1617
Secondary segment: SMF102_QW01454.....	1617
Secondary segment: SMF102_QW0148.....	1617
Secondary segment: SMF102_QW01488.....	1621
Secondary segment: SMF102_QW01502.....	1622
Secondary segment: SMF102_QW01503.....	1623
Secondary segment: SMF102_QW01504.....	1624
Secondary segment: SMF102_QW01505.....	1624
Secondary segment: SMF102_QW0157.....	1624
Secondary segment: SMF102_QW0158.....	1625
Secondary segment: SMF102_QW0159.....	1625
Secondary segment: SMF102_QW0160.....	1625
Secondary segment: SMF102_QW0161.....	1626
Secondary segment: SMF102_QW0162.....	1627
Secondary segment: SMF102_QW0163.....	1627
Secondary segment: SMF102_QW0164.....	1627
Secondary segment: SMF102_QW0165.....	1628
Secondary segment: SMF102_QW0166.....	1628
Secondary segment: SMF102_QW0167.....	1628
Secondary segment: SMF102_QW0168.....	1629
Secondary segment: SMF102_QW0169.....	1629
Secondary segment: SMF102_QW0170.....	1629
Secondary segment: SMF102_QW0171.....	1630
Secondary segment: SMF102_QW0172HE.....	1630
Secondary segment: SMF102_QW0172.....	1630
Secondary segment: SMF102_QW0173.....	1633
Secondary segment: SMF102_QW0174.....	1634
Secondary segment: SMF102_QW0175.....	1634
Secondary segment: SMF102_QW0176.....	1634
Secondary segment: SMF102_QW0177.....	1635
Secondary segment: SMF102_QW0178.....	1637
Secondary segment: SMF102_QW0180.....	1637
Secondary segment: SMF102_QW0181.....	1637
Secondary segment: SMF102_QW0182.....	1638
Secondary segment: SMF102_QW0183.....	1638

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF102_QW0184.....	1639
Secondary segment: SMF102_QW0185.....	1639
Secondary segment: SMF102_QW0186.....	1641
Secondary segment: SMF102_QW0188.....	1641
Secondary segment: SMF102_QW0190.....	1642
Secondary segment: SMF102_QW0191.....	1642
Secondary segment: SMF102_QW0192.....	1644
Secondary segment: SMF102_QW0193.....	1644
Secondary segment: SMF102_QW0194.....	1645
Secondary segment: SMF102_QW0195.....	1645
Secondary segment: SMF102_QW0196HE.....	1646
Secondary segment: SMF102_QW0196.....	1647
Secondary segment: SMF102_QW0197.....	1648
Secondary segment: SMF102_QW0198.....	1648
Secondary segment: SMF102_QW0199HE.....	1648
Secondary segment: SMF102_QW0199.....	1649
Secondary segment: SMF102_QW0201.....	1649
Secondary segment: SMF102_QW0203.....	1651
Secondary segment: SMF102_QW0204.....	1652
Secondary segment: SMF102_QW0205.....	1652
Secondary segment: SMF102_QW0206.....	1653
Secondary segment: SMF102_QW0207.....	1654
Secondary segment: SMF102_QW0208.....	1655
Secondary segment: SMF102_QW0209.....	1656
Secondary segment: SMF102_QW0210.....	1656
Secondary segment: SMF102_QW0211.....	1657
Secondary segment: SMF102_QW0212.....	1657
Secondary segment: SMF102_QW0213.....	1658
Secondary segment: SMF102_QW0214.....	1658
Secondary segment: SMF102_QW0215.....	1659
Secondary segment: SMF102_QW0216.....	1659
Secondary segment: SMF102_QW0217.....	1659
Secondary segment: SMF102_QW0217Z.....	1659
Secondary segment: SMF102_QW02173.....	1660
Secondary segment: SMF102_QW02174.....	1660
Secondary segment: SMF102_QW0218.....	1661
Secondary segment: SMF102_QW0219.....	1661
Secondary segment: SMF102_QW0220.....	1661
Secondary segment: SMF102_QW0221.....	1662
Secondary segment: SMF102_QW0221D.....	1663
Secondary segment: SMF102_QW0221C.....	1663
Secondary segment: SMF102_QW0221CD.....	1663
Secondary segment: SMF102_QW0222.....	1664
Secondary segment: SMF102_QW0222N.....	1664
Secondary segment: SMF102_QW0223.....	1665
Secondary segment: SMF102_QW0224.....	1666
Secondary segment: SMF102_QW0225.....	1666
Secondary segment: SMF102_QW02252.....	1667
Secondary segment: SMF102_QW02253.....	1668
Secondary segment: SMF102_QW02254.....	1669
Secondary segment: SMF102_QW02255.....	1670
Secondary segment: SMF102_QW02256.....	1671
Secondary segment: SMF102_QW0226.....	1671
Secondary segment: SMF102_QW0227.....	1672
Secondary segment: SMF102_QW0228.....	1672
Secondary segment: SMF102_QW0229.....	1672
Secondary segment: SMF102_QW0231.....	1673
Secondary segment: SMF102_QW0231N.....	1673
Secondary segment: SMF102_QW0232.....	1674
Secondary segment: SMF102_QW0233.....	1674
Secondary segment: SMF102_QW0234.....	1675
Secondary segment: SMF102_QW02342.....	1675
Secondary segment: SMF102_QW0235.....	1675
Secondary segment: SMF102_QW0236.....	1675
Secondary segment: SMF102_QW0237.....	1676
Secondary segment: SMF102_QW02381.....	1676
Secondary segment: SMF102_QW02382.....	1676
Secondary segment: SMF102_QW02383.....	1677
Secondary segment: SMF102_QW0240.....	1677
Secondary segment: SMF102_QW0241.....	1677
Secondary segment: SMF102_QW0242.....	1677
Secondary segment: SMF102_QW0243.....	1677
Secondary segment: SMF102_QW0247.....	1677
Secondary segment: SMF102_QW0247A.....	1678
Secondary segment: SMF102_QW0247B.....	1678
Secondary segment: SMF102_QW0248.....	1679

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF102_QW0248A.....	1679
Secondary segment: SMF102_QW0248B.....	1680
Secondary segment: SMF102_QW0249.....	1680
Secondary segment: SMF102_QW0250HE.....	1680
Secondary segment: SMF102_QW0250CN.....	1680
Secondary segment: SMF102_QW0250DS.....	1681
Secondary segment: SMF102_QW0250X.....	1681
Secondary segment: SMF102_QW0250Z.....	1681
Secondary segment: SMF102_QW0251.....	1682
Secondary segment: SMF102_QW0252.....	1683
Secondary segment: SMF102_QW0254.....	1683
Secondary segment: SMF102_QW0255.....	1685
Secondary segment: SMF102_QW0256.....	1686
Secondary segment: SMF102_QW0257D1.....	1687
Secondary segment: SMF102_QW0257D2.....	1687
Secondary segment: SMF102_QW0258.....	1687
Secondary segment: SMF102_QW0259.....	1688
Secondary segment: SMF102_QW0260.....	1689
Secondary segment: SMF102_QW0261.....	1689
Secondary segment: SMF102_QW0262.....	1690
Secondary segment: SMF102_QW0263.....	1690
Secondary segment: SMF102_QW0264.....	1691
Secondary segment: SMF102_QW0265.....	1691
Secondary segment: SMF102_QW0266.....	1692
Secondary segment: SMF102_QW0267.....	1692
Secondary segment: SMF102_QW0268.....	1692
Secondary segment: SMF102_QW0269.....	1693
Secondary segment: SMF102_QW0269TC_D.....	1694
Secondary segment: SMF102_QW0269SA_D.....	1694
Secondary segment: SMF102_QW0269RC_D.....	1694
Secondary segment: SMF102_QW0269AD_D.....	1694
Secondary segment: SMF102_QW0269SR_D.....	1695
Secondary segment: SMF102_QW0269EC_D.....	1695
Secondary segment: SMF102_QW0269JN_D.....	1695
Secondary segment: SMF102_QW0269RA_D.....	1695
Secondary segment: SMF102_QW0269RU_D.....	1695
Secondary segment: SMF102_QW0269PR_D.....	1696
Secondary segment: SMF102_QW0269RN_D.....	1696
Secondary segment: SMF102_QW0270.....	1696
Secondary segment: SMF102_QW0271.....	1696
Secondary segment: SMF102_QW0272.....	1696
Secondary segment: SMF102_QW0273.....	1697
Secondary segment: SMF102_QW0274.....	1698
Secondary segment: SMF102_QW0275.....	1698
Secondary segment: SMF102_QW0276.....	1699
Secondary segment: SMF102_QW0277.....	1699
Secondary segment: SMF102_QW0278.....	1699
Secondary segment: SMF102_QW0305.....	1700
Secondary segment: SMF102_QW0306OF.....	1700
Secondary segment: SMF102_QW0306.....	1701
Secondary segment: SMF102_QW0306L.....	1701
Secondary segment: SMF102_QW0311.....	1701
Secondary segment: SMF102_QW0313.....	1702
Secondary segment: SMF102_QW0314.....	1703
Secondary segment: SMF102_QW0314DX.....	1703
Secondary segment: SMF102_QW0314U.....	1704
Secondary segment: SMF102_QW0314B.....	1704
Secondary segment: SMF102_QW0314O.....	1704
Secondary segment: SMF102_QW0314R1.....	1704
Secondary segment: SMF102_QW0314R2.....	1704
Secondary segment: SMF102_QW0314N.....	1705
Secondary segment: SMF102_QW0314L.....	1705
Secondary segment: SMF102_QW0314M.....	1705
Secondary segment: SMF102_QW0314R.....	1705
Secondary segment: SMF102_QW0314S.....	1705
Secondary segment: SMF102_QW0314A.....	1706
Secondary segment: SMF102_QW0314C.....	1706
Secondary segment: SMF102_QW0316.....	1706
Secondary segment: SMF102_QW0316_STBLGRP_D.....	1710
Secondary segment: SMF102_QW03162.....	1710
Secondary segment: SMF102_QW0316ANM_D.....	1711
Secondary segment: SMF102_QW0317.....	1711
Secondary segment: SMF102_QW03172.....	1711
Secondary segment: SMF102_QW0319.....	1711
Secondary segment: SMF102_QW0321.....	1712
Secondary segment: SMF102_QW0322.....	1712

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF102_QW0324.....	1712
Secondary segment: SMF102_QW0324F.....	1713
Secondary segment: SMF102_QW0325.....	1713
Secondary segment: SMF102_QW0326.....	1714
Secondary segment: SMF102_QW0327.....	1714
Secondary segment: SMF102_QW0329.....	1715
Secondary segment: SMF102_QW0330.....	1715
Secondary segment: SMF102_QW0331.....	1715
Secondary segment: SMF102_QW0332.....	1715
Secondary segment: SMF102_QW0333.....	1716
Secondary segment: SMF102_QW0334.....	1717
Secondary segment: SMF102_QW0335.....	1717
Secondary segment: SMF102_QW0336.....	1717
Secondary segment: SMF102_QW0337.....	1718
Secondary segment: SMF102_QW0340.....	1719
Secondary segment: SMF102_QW0341.....	1719
Secondary segment: SMF102_QW0342.....	1720
Secondary segment: SMF102_QW0343.....	1720
Secondary segment: SMF102_QW0344.....	1721
Secondary segment: SMF102_QW0345.....	1721
Secondary segment: SMF102_QW0346.....	1721
Secondary segment: SMF102_QW0350.....	1721
Secondary segment: SMF102_QW0351.....	1722
Secondary segment: SMF102_QW0352.....	1722
Secondary segment: SMF102_QW0353.....	1722
Secondary segment: SMF102_QW0354.....	1723
Secondary segment: SMF102_QW0355.....	1723
Secondary segment: SMF102_QW0356.....	1723
Secondary segment: SMF102_QW0356A.....	1724
Secondary segment: SMF102_QW0356B.....	1724
Secondary segment: SMF102_QW0357.....	1724
Secondary segment: SMF102_QW0358.....	1724
Secondary segment: SMF102_QW0359.....	1725
Secondary segment: SMF102_QW0360.....	1725
Secondary segment: SMF102_QW0361.....	1725
Secondary segment: SMF102_QW0361ID_D.....	1726
Secondary segment: SMF102_QW0361SC_D.....	1726
Secondary segment: SMF102_QW0361SN_D.....	1726
Secondary segment: SMF102_QW0361TC_D.....	1726
Secondary segment: SMF102_QW0361TN_D.....	1727
Secondary segment: SMF102_QW0361ON_D.....	1727
Secondary segment: SMF102_QW0362.....	1727
Secondary segment: SMF102_QW0362AP_D.....	1728
Secondary segment: SMF102_QW0362TS_D.....	1728
Secondary segment: SMF102_QW0362TB_D.....	1728
Secondary segment: SMF102_QW0362SA_D.....	1728
Secondary segment: SMF102_QW0362DA_D.....	1728
Secondary segment: SMF102_QW0362CO_D.....	1729
Secondary segment: SMF102_QW0362TN_D.....	1729
Secondary segment: SMF102_QW0363.....	1729
Secondary segment: SMF102_QW0363LN_D.....	1730
Secondary segment: SMF102_QW0363PC_D.....	1730
Secondary segment: SMF102_QW0363PN_D.....	1730
Secondary segment: SMF102_QW0363E.....	1730
Secondary segment: SMF102_QW0364.....	1731
Secondary segment: SMF102_QW0365HE.....	1731
Secondary segment: SMF102_QW0367.....	1732
Secondary segment: SMF102_QW0369_1.....	1732
Secondary segment: SMF102_QW0369_2.....	1732
Secondary segment: SMF102_QWAC.....	1732
Secondary segment: SMF102_QWAX.....	1740
Secondary segment: SMF102_QW0370.....	1741
Secondary segment: SMF102_QW0371.....	1742
Secondary segment: SMF102_QW0372.....	1742
Secondary segment: SMF102_QW0373.....	1742
Secondary segment: SMF102_QW0374.....	1743
Secondary segment: SMF102_QW0374F1_D.....	1743
Secondary segment: SMF102_QW0374F2_D.....	1743
Secondary segment: SMF102_QW0374F3_D.....	1743
Secondary segment: SMF102_QW0375.....	1744
Secondary segment: SMF102_QW0376.....	1744
Secondary segment: SMF102_QW0376PC_D.....	1745
Secondary segment: SMF102_QW0376PN_D.....	1745
Secondary segment: SMF102_QW0376PR_D.....	1746
Secondary segment: SMF102_QW0376SC_D.....	1746
Secondary segment: SMF102_QW0376INC_D.....	1746

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF102_QW0376SQL_D.....	1746
Secondary segment: SMF102_QW0377.....	1747
Secondary segment: SMF102_QW0378.....	1747
Secondary segment: SMF102_QW0379.....	1747
Secondary segment: SMF102_QW0380.....	1747
Secondary segment: SMF102_QW0382.....	1748
Secondary segment: SMF102_QW0383.....	1748
Secondary segment: SMF102_QW0384.....	1748
Secondary segment: SMF102_QW0385.....	1749
Secondary segment: SMF102_QW0386.....	1750
Secondary segment: SMF102_QW0387.....	1750
Secondary segment: SMF102_QW0387F1_D.....	1750
Secondary segment: SMF102_QW0389.....	1750
Secondary segment: SMF102_QW0390.....	1751
Secondary segment: SMF102_QW0390SC_D.....	1751
Secondary segment: SMF102_QW0390PN_D.....	1751
Secondary segment: SMF102_QW0390PR_D.....	1752
Secondary segment: SMF102_QW0390PC_D.....	1752
Secondary segment: SMF102_QW0390PK_D.....	1752
Secondary segment: SMF102_QW0391.....	1752
Secondary segment: SMF102_QW0397.....	1752
Secondary segment: SMF102_QW0398.....	1753
Secondary segment: SMF102_QW0399.....	1753
Secondary segment: SMF102_QW0401.....	1754
Secondary segment: SMF102_QW0401CL_D.....	1755
Secondary segment: SMF102_QW0401PK_D.....	1756
Secondary segment: SMF102_QW04012.....	1756
Secondary segment: SMF102_QW0401ANM_D.....	1756
Secondary segment: SMF102_QW0402.....	1756
Secondary segment: SMF102_QW0404.....	1757
Secondary segment: SMF102_QW0404F1_D.....	1757
Secondary segment: SMF102_QW0404F2_D.....	1757
Secondary segment: SMF102_QW0404F3_D.....	1758
Secondary segment: SMF102_QW0406.....	1758
Secondary segment: SMF102_QW0413.....	1758
Secondary segment: SMF102_QW0414.....	1758
Secondary segment: SMF102_QW0477.....	1759
Secondary segment: SMF102_QW0499.....	1759
Secondary segment: SMF102_QW04992.....	1759
Record Type 103 - IBM HTTP Server.....	1760
Primary segment: SMF103_IBM_HTTP_Server.....	1760
Secondary segment: SMF103_Product_Information.....	1760
Secondary segment: SMF103_Subtype_13_Configuration.....	1761
Secondary segment: SMF103_Subtype_14_Performance.....	1761
Record Type 104 - RMF Distributed Platform Performance.....	1763
Primary segment: SMF104_RMF_Distributed_Platform_Performance.....	1763
Secondary segment: SMF104_Product_Information.....	1764
Secondary segment: SMF104_Image_Control.....	1765
Secondary segment: SMF104_01_AIX_ActiveMemoryExpansionMetrics.....	1765
Secondary segment: SMF104_02_AIX_ProcessorMetrics.....	1766
Secondary segment: SMF104_03_AIX_ComputerSystemMetrics.....	1766
Secondary segment: SMF104_04_AIX_DiskMetrics.....	1767
Secondary segment: SMF104_05_AIX_NetworkPortMetrics.....	1768
Secondary segment: SMF104_06_AIX_FileSystemMetrics.....	1769
Secondary segment: SMF104_07_AIX_MemoryMetrics.....	1769
Secondary segment: SMF104_08_AIX_OperatingSystemMetrics.....	1770
Secondary segment: SMF104_09_AIX_ProcessMetrics.....	1771
Secondary segment: SMF104_10_AIX_SharedEthernetAdapterMetrics.....	1772
Secondary segment: SMF104_11_AIX_ActiveMemorySharingMetrics.....	1772
Secondary segment: SMF104_12_AIX_VirtualTargetDeviceMetrics.....	1773
Secondary segment: SMF104_20_Linux_IPProtocolEndpointMetrics.....	1773
Secondary segment: SMF104_21_Linux_LocalFileSystemMetrics.....	1774
Secondary segment: SMF104_22_Linux_NetworkPortMetrics.....	1774
Secondary segment: SMF104_23_Linux_OperatingSystemMetrics.....	1775
Secondary segment: SMF104_24_Linux_ProcessorMetrics.....	1776
Secondary segment: SMF104_25_Linux_UnixProcessMetrics.....	1777
Secondary segment: SMF104_26_Linux_StorageMetrics.....	1778
Secondary segment: SMF104_30_Linux_KVMMetrics.....	1778
Secondary segment: SMF104_31_Linux_XenMetrics.....	1779
Secondary segment: SMF104_40_Linux_IPProtocolEndpointMetrics.....	1780
Secondary segment: SMF104_41_Linux_LocalFileSystemMetrics.....	1781
Secondary segment: SMF104_42_Linux_NetworkPortMetrics.....	1781
Secondary segment: SMF104_43_Linux_OperatingSystemMetrics.....	1781
Secondary segment: SMF104_44_Linux_ProcessorMetrics.....	1783
Secondary segment: SMF104_45_Linux_UnixProcessMetrics.....	1783
Secondary segment: SMF104_46_Linux_StorageMetrics.....	1785

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF104_50_Linux_zCECMetrics.....	1785
Secondary segment: SMF104_51_Linux_zLPARMetrics.....	1785
Secondary segment: SMF104_52_Linux_zChannelMetrics.....	1786
Secondary segment: SMF104_53_Linux_zECKDMetrics.....	1787
Record Type 105 - GDPS/Global Mirror.....	1788
Primary segment: SMF105_GDPS_Global_Mirror.....	1788
Secondary segment: SMF105_Product_Information.....	1789
Secondary segment: SMF105_01_Session_Control.....	1789
Secondary segment: SMF105_02_Disk_SubSystem.....	1790
Secondary segment: SMF105_02_Logical_SubSystem.....	1791
Record Type 106 - BCPii Activity.....	1792
Primary segment: SMF106_BCPii_Activity.....	1792
Secondary segment: SMF106_Product.....	1793
Secondary segment: SMF106_Execution_Environment.....	1793
Secondary segment: SMF106_CMSET.....	1793
Secondary segment: SMF106_CMD.....	1794
Secondary segment: SMF106_CMDData.....	1794
Record Type 108 - Domino Server Statistics.....	1795
Record Type 108 Subtype 1 - Server Load.....	1795
Primary segment: SMF108#01_Domino_Server.....	1795
Secondary segment: SMF108#01_Product_Information.....	1796
Secondary segment: SMF108#01_Self_Defining_Section.....	1796
Secondary segment: SMF108#01_Server_Load.....	1797
Secondary segment: SMF108#01_Transaction.....	1798
Secondary segment: SMF108#01_Port_Activity.....	1799
Record Type 108 Subtype 2 - User Activity.....	1800
Primary segment: SMF108#02_Domino_Server.....	1800
Secondary segment: SMF108#02_Product_Information.....	1800
Secondary segment: SMF108#02_Self_Defining_Section.....	1801
Secondary segment: SMF108#02_User_Activity.....	1801
Record Type 108 Subtype 3 - Monitoring and Tuning.....	1802
Primary segment: SMF108#03_Domino_Server.....	1802
Secondary segment: SMF108#03_Product_Information.....	1802
Secondary segment: SMF108#03_Self_Defining_Section.....	1803
Secondary segment: SMF108#03_Monitoring_and_Tuning.....	1803
Record Type 108 Subtype 6 - Database Activity.....	1805
Primary segment: SMF108#06_Domino_Server.....	1805
Secondary segment: SMF108#06_Product_Information.....	1805
Secondary segment: SMF108#06_Self_Defining_Section.....	1806
Secondary segment: SMF108#06_Database_Activity.....	1806
Record Type 109 - TCPIP SYSLOGD Messages.....	1807
Primary segment: SMF109_TCPIP_SYSLOGD_Messages.....	1807
Record Type 110 - CICS Transaction Server for z/OS Statistics.....	1808
Record Type 110 Subtype 0 - Journaling.....	1808
Primary segment: SMF110#00_CICS_TS_Journaling.....	1808
Secondary segment: SMF110#00_Product_Section.....	1809
Secondary segment: SMF110#00_Start_of_Run.....	1809
Secondary segment: SMF110#00_FLJB_RW.....	1810
Secondary segment: SMF110#00_FLJB_WriteDelete.....	1812
Secondary segment: SMF110#00_FLJB_File_Close.....	1813
Secondary segment: SMF110#00_FLJB_File_TieUp_Record.....	1814
Secondary segment: SMF110#00_Term_Control.....	1815
Secondary segment: SMF110#00_FEPI.....	1816
Secondary segment: SMF110#00_Journal_Control.....	1817
Record Type 110 Subtype 1 - Monitoring.....	1819
Primary segment: SMF110#01_CICS_TS_Monitoring.....	1819
Secondary segment: SMF110#01_Product_Section.....	1819
Secondary segment: SMF110#01_Performance_Connector.....	1820
Secondary segment: SMF110#01_Dictionary_Class.....	1820
Secondary segment: SMF110#01_Performance_Class_ADAP1_PCR1.....	1821
Secondary segment: SMF110#01_Performance_Class_ADAP1_PCR2.....	1843
Secondary segment: SMF110#01_Performance_Class_ADAP1_PCO3.....	1866
Secondary segment: SMF110#01_Performance_Class_ADAP1_PCT1.....	1889
Secondary segment: SMF110#01_Performance_Class.....	1912
Secondary segment: SMF110#01_Exception_Class.....	1936
Secondary segment: SMF110#01_Transaction_Resource_Class.....	1938
Secondary segment: SMF110#01_Transaction_Resource_Class_ID.....	1939
Secondary segment: SMF110#01_Transaction_Resource_Class_File.....	1942
Secondary segment: SMF110#01_Transaction_Resource_Class_TSQueue.....	1943
Secondary segment: SMF110#01_Transaction_Resource_Class_DPL.....	1944
Secondary segment: SMF110#01_Identity_Resource_Class.....	1944
Secondary segment: SMF110#01_Identity_Resource_Class_ID.....	1945
Secondary segment: SMF110#01_Identity_Resource_Class_Data.....	1948
Record Type 110 Subtype 2 - Statistics.....	1950
Primary segment: SMF110#02_CICS_TS_Statistics.....	1951
Secondary segment: SMF110#02_Data_Section.....	1951

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF110#02_Product_Section.....	1951
Secondary segment: SMF110#02_Transaction_Manager_Globals.....	1952
Secondary segment: SMF110#02_Transaction_Manager_Trans.....	1953
Secondary segment: SMF110#02_Transaction_Manager_Tclass.....	1955
Secondary segment: SMF110#02_FEPI_Pool.....	1956
Secondary segment: SMF110#02_FEPI_Connection.....	1957
Secondary segment: SMF110#02_FEPI_Target.....	1957
Secondary segment: SMF110#02_Storage_Mgr_Domain_Subpool.....	1958
Secondary segment: SMF110#02_Storage_Manager_Task_Subpool.....	1959
Secondary segment: SMF110#02_zOS_Communications_Server_Stats.....	1959
Secondary segment: SMF110#02_Program_Autoinstall.....	1960
Secondary segment: SMF110#02_Terminal_Autoinstall_Stats.....	1960
Secondary segment: SMF110#02_Public Loader_Resid.....	1962
Secondary segment: SMF110#02_DBCTL_USS.....	1962
Secondary segment: SMF110#02_Storage_Manager_DSA.....	1963
Secondary segment: SMF110#02 Loader_Globals.....	1966
Secondary segment: SMF110#02_LIBRARY_Resources_Public.....	1967
Secondary segment: SMF110#02_LIBRARY_Resources_Private.....	1968
Secondary segment: SMF110#02_Terminal_Control_Resid.....	1968
Secondary segment: SMF110#02_Private Loader_Resid.....	1970
Secondary segment: SMF110#02_LSRPOOL_Pool_Stats_Resid.....	1970
Secondary segment: SMF110#02_LSRPOOL_File_Stats_by_File.....	1972
Secondary segment: SMF110#02_TDQUEUE_Resid.....	1973
Secondary segment: SMF110#02_TDQUEUE_Globals.....	1974
Secondary segment: SMF110#02_TSQUEUE_Stats.....	1975
Secondary segment: SMF110#02_ISC#IRC_System_Entry_Resid.....	1977
Secondary segment: SMF110#02_ISC_Connection_System_Security.....	1979
Secondary segment: SMF110#02_User_Domain_Stats.....	1980
Secondary segment: SMF110#02_Dispatcher_Stats.....	1980
Secondary segment: SMF110#02_Table_Manager_Stats.....	1983
Secondary segment: SMF110#02_Dispatcher_TCB_Global.....	1983
Secondary segment: SMF110#02_Dispatcher_TCB_Resid.....	1984
Secondary segment: SMF110#02_Statistics_Stats.....	1985
Secondary segment: SMF110#02_File_Control_Resid.....	1985
Secondary segment: SMF110#02_MQ_Connection_Stats_Global.....	1988
Secondary segment: SMF110#02_ISC#IRC_Mode_Entry_Resid.....	1990
Secondary segment: SMF110#02_Monitoring_Stats_Global.....	1991
Secondary segment: SMF110#02_Monitoring_Stats_Resid.....	1993
Secondary segment: SMF110#02_Transaction_Dump_Resid.....	2014
Secondary segment: SMF110#02_Transaction_Dump_Global.....	2015
Secondary segment: SMF110#02_System_Dump_Resid.....	2015
Secondary segment: SMF110#02_System_Dump_Global.....	2016
Secondary segment: SMF110#02_Logstream_Stats_Global.....	2016
Secondary segment: SMF110#02_Logger_Stats_Resid.....	2016
Secondary segment: SMF110#02_Logstream_Stats_Resid.....	2017
Secondary segment: SMF110#02_Enqueue_Mgr_Stats_Global.....	2018
Secondary segment: SMF110#02_Recovery_Mgr_Stats_Global.....	2019
Secondary segment: SMF110#02_BUNDLES_Resource.....	2020
Secondary segment: SMF110#02_URIMAPs_Global.....	2020
Secondary segment: SMF110#02_DB2_Connection_Stats_Global.....	2021
Secondary segment: SMF110#02_DB2_Entry_Stats_Resource.....	2024
Secondary segment: SMF110#02_URIMAPs_Resource.....	2025
Secondary segment: SMF110#02_PIPELINE_Resource.....	2027
Secondary segment: SMF110#02_WEBSERVICE_Resource.....	2028
Secondary segment: SMF110#02_TCP#IP_Global.....	2029
Secondary segment: SMF110#02_TCPIP_Services_Resource.....	2030
Secondary segment: SMF110#02_IPCONN_Resource.....	2032
Secondary segment: SMF110#02_ATOMSERVICE_Resource.....	2034
Secondary segment: SMF110#02_DOCTEMPLATE_Resource.....	2035
Secondary segment: SMF110#02_XMLTRANSFORM_Resource.....	2037
Secondary segment: SMF110#02_JVMSERVER_Stats_Resource.....	2037
Secondary segment: SMF110#02_JVMPROGRAM_Stats_Resource.....	2039
Secondary segment: SMF110#02_PROGRAMDEF_Stats_Resource.....	2039
Secondary segment: SMF110#02_EVENTBINDINGs_Global.....	2041
Secondary segment: SMF110#02_EVENTBINDINGs_Resource.....	2041
Secondary segment: SMF110#02_EVENTPROCESS_Global.....	2042
Secondary segment: SMF110#02_CAPTURESPECs_Resource.....	2043
Secondary segment: SMF110#02_EPADAPTERs_Resource.....	2043
Secondary segment: SMF110#02_POLICYS_Resource.....	2044
Secondary segment: SMF110#02_JVM_Programs_Private.....	2044
Secondary segment: SMF110#02_Program_Definitions_Private.....	2045
Secondary segment: SMF110#02_MQMONITORs_Resource.....	2046
Secondary segment: SMF110#02_ASYNCSERVICE_Global.....	2048
Secondary segment: SMF110#02_NODEJSAPP_Resource.....	2048
Record Type 110 Subtype 3 - Shared Queue Statistics.....	2050
Primary segment: SMF110#03_CICS_TS_Statistics_Shared_Queue.....	2050

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF110#03_Data_Section.....	2050
Secondary segment: SMF110#03_Product_Section.....	2051
Secondary segment: SMF110#03_Server_List_Stats.....	2051
Secondary segment: SMF110#03_Buffer_Stats.....	2054
Secondary segment: SMF110#03_Storage_Stats.....	2055
Record Type 110 Subtype 4 - CF Data Table Statistics.....	2057
Primary segment: SMF110#04_CICS_TS_Statistics_CF_Data_Table.....	2057
Secondary segment: SMF110#04_Data_Section.....	2057
Secondary segment: SMF110#04_Product_Section.....	2058
Secondary segment: SMF110#04_Server_List_Stats.....	2058
Secondary segment: SMF110#04_Buffer_Stats.....	2061
Secondary segment: SMF110#04_Request_Stats.....	2062
Secondary segment: SMF110#04_Storage_Stats.....	2063
Record Type 110 Subtype 5 - Named Counter Statistics.....	2065
Primary segment: SMF110#05_CICS_TS_Statistics_Named_Counter.....	2065
Secondary segment: SMF110#05_Data_Section.....	2065
Secondary segment: SMF110#05_Product_Section.....	2066
Secondary segment: SMF110#05_Server_List_Stats.....	2066
Secondary segment: SMF110#05_Storage_Stats.....	2068
Record Type 111 - CICS Transaction Gateway.....	2070
Primary segment: SMF111_CICS_Transaction_Gateway.....	2070
Secondary segment: SMF111_Data_Section.....	2071
Secondary segment: SMF111_Product_Section.....	2071
Secondary segment: SMF111_Connection_Manager_Stats.....	2071
Secondary segment: SMF111_CICS_Server_Stats.....	2072
Secondary segment: SMF111_CICS_Server_EXCI_Instance_Stats.....	2074
Secondary segment: SMF111_CICS_Server_IPIC_Instance_Stats.....	2074
Secondary segment: SMF111_Gateway_Daemon_Stats.....	2076
Secondary segment: SMF111_Protocol_Handler_Stats.....	2078
Secondary segment: SMF111_System_Environment_Stats.....	2078
Secondary segment: SMF111_Worker_Thread_Stats.....	2079
Secondary segment: SMF111_Web_Service_Stats.....	2079
Secondary segment: SMF111_Web_Service_Instance_Stats.....	2080
Record Type 113 - Hardware Statistics.....	2082
Primary segment: SMF113_Hardware_Stats.....	2082
Secondary segment: SMF113_Subsystem.....	2083
Secondary segment: SMF113_Identification.....	2083
Secondary segment: SMF113_SubType_1.....	2083
Secondary segment: SMF113_SubType_1_CounterSet.....	2084
Secondary segment: SMF113_SubType_1_CounterSCR.....	2084
Secondary segment: SMF113_SubType_1_CounterLCR.....	2085
Secondary segment: SMF113_SubType_2.....	2085
Secondary segment: SMF113_SubType_2_CounterSet.....	2086
Secondary segment: SMF113_SubType_2_Counters.....	2086
Record Type 115 - MQSeries Statistics.....	2087
Record Type 115 Subtype 1 - System Information.....	2087
Primary segment: SMF115#01_MQSeries_Statistics.....	2087
Secondary segment: SMF115#01_Product_Standard.....	2088
Secondary segment: SMF115#01_Product_Correlation.....	2088
Secondary segment: SMF115#01_Storage_Manager_Statistics.....	2089
Secondary segment: SMF115#01_Log_Manager_Statistics.....	2090
Record Type 115 Subtype 2 - Message, Buffer, Paging Activity.....	2094
Primary segment: SMF115#02_MQSeries_Statistics.....	2094
Secondary segment: SMF115#02_Product_Standard.....	2095
Secondary segment: SMF115#02_Product_Correlation.....	2096
Secondary segment: SMF115#02_Message_Manager_Statistics.....	2097
Secondary segment: SMF115#02_Data_Manager_Statistics.....	2097
Secondary segment: SMF115#02_Buffer_Manager_Statistics.....	2098
Secondary segment: SMF115#02_Lock_Manager_Statistics.....	2099
Secondary segment: SMF115#02_DB2_Manager_Statistics.....	2100
Secondary segment: SMF115#02_Coupling_Facility_Manager_Statistics.....	2103
Secondary segment: SMF115#02_Topic_Manager_Statistics.....	2104
Secondary segment: SMF115#02_SMDS_Statistics.....	2105
Record Type 115 Subtype 201 - MQSeries Statistics.....	2109
Primary segment: SMF115#201_MQSeries_Statistics.....	2109
Secondary segment: SMF115#201_Product_Standard.....	2109
Secondary segment: SMF115#201_Product_Correlation.....	2110
Secondary segment: SMF115#201_Data_Manager_Page_Set.....	2111
Record Type 115 Subtype 215 - Bufferpool Information.....	2113
Primary segment: SMF115#215_MQSeries_Statistics.....	2113
Secondary segment: SMF115#215_Product_Standard.....	2113
Secondary segment: SMF115#215_Product_Correlation.....	2114
Secondary segment: SMF115#215_Buffer_Manager_Statistics.....	2115
Record Type 115 Subtype 231 - Channel Initiator Statistics.....	2116
Primary segment: SMF115#231_MQSeries_Statistics.....	2116
Secondary segment: SMF115#231_Product_Standard.....	2117

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF115#231_Product_Correlation.....	2118
Secondary segment: SMF115#231_Channel_Initiator.....	2118
Secondary segment: SMF115#231_Dispatcher_Task.....	2119
Secondary segment: SMF115#231_Adapter_Task.....	2119
Secondary segment: SMF115#231_SSL_Task.....	2119
Secondary segment: SMF115#231_DNS_Task.....	2119
Record Type 116 - MQSeries Accounting.....	2121
Record Type 116 Subtype 0 - Message Manager Accounting.....	2121
Primary segment: SMF116#00_MQSeries_Accounting.....	2121
Secondary segment: SMF116#00_Product_Information.....	2122
Secondary segment: SMF116#00_Accounting_Data.....	2123
Secondary segment: SMF116#00_Message_Manager.....	2124
Record Type 116 Subtype 1 - Thread/Queue Level Accounting.....	2126
Primary segment: SMF116#01_MQSeries_Accounting.....	2126
Secondary segment: SMF116#01_Product_Information.....	2127
Secondary segment: SMF116#01_Thread_Level_Identification.....	2128
Secondary segment: SMF116#01_Thread_Level_Accounting.....	2128
Secondary segment: SMF116#01_Queue_Level_Accounting.....	2132
Record Type 116 Subtype 2 - More Queue Level Data Accounting.....	2139
Primary segment: SMF116#02_MQSeries_Accounting.....	2139
Secondary segment: SMF116#02_Product_Information.....	2140
Secondary segment: SMF116#02_Thread_Level_Identification.....	2141
Secondary segment: SMF116#02_Queue_Level_Accounting.....	2141
Record Type 116 Subtype 10 - Channel Statistics.....	2148
Primary segment: SMF116#10_MQSeries_Accounting.....	2148
Secondary segment: SMF116#10_Product_Information.....	2148
Secondary segment: SMF116#10_Channel_Statistics.....	2149
Record Type 117 - WebSphere Message Broker and IBM Integration Bus.....	2152
Primary segment: SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus.....	2152
Secondary segment: SMF117#01_Message_Flow.....	2153
Secondary segment: SMF117#01_Thread.....	2155
Secondary segment: SMF117#01_Node.....	2155
Secondary segment: SMF117#01_Terminal.....	2156
Record Type 118 - TCPIP Statistics.....	2157
Record Type 118 Subtype 1 - TCP API Initialization.....	2157
Primary segment: SMF118#01_TCPIP_Statistics.....	2157
Record Type 118 Subtype 2 - TCP API Termination.....	2159
Primary segment: SMF118#02_TCPIP_Statistics.....	2159
Record Type 118 Subtype 3 - FTP Client.....	2161
Primary segment: SMF118#03_TCPIP_Statistics.....	2161
Record Type 118 Subtype 4 - TN3270 Client.....	2163
Primary segment: SMF118#04_TCPIP_Statistics.....	2163
Record Type 118 Subtype 5 - TCP/IP Statistics.....	2164
Primary segment: SMF118#05_TCPIP_Statistics.....	2164
Secondary segment: SMF118#05_Subsystem_Stats.....	2165
Secondary segment: SMF118#05_IP_Stats.....	2165
Secondary segment: SMF118#05_ICMP_Stats.....	2166
Secondary segment: SMF118#05_TCP_Stats.....	2166
Secondary segment: SMF118#05_UDP_Stats.....	2167
Record Type 118 Subtype 20 - TN3270 Server Initialization.....	2168
Primary segment: SMF118#20_TCPIP_Statistics.....	2168
Record Type 118 Subtype 21 - TN3270 Server Termination.....	2170
Primary segment: SMF118#21_TCPIP_Statistics.....	2170
Record Type 118 Subtype 70 - FTP Server Append Subcommand.....	2172
Primary segment: SMF118#70_TCPIP_Statistics.....	2172
Record Type 118 Subtype 71 - FTP Server Delete Subcommand.....	2174
Primary segment: SMF118#71_TCPIP_Statistics.....	2174
Record Type 118 Subtype 72 - FTP Server Logon Failures.....	2176
Primary segment: SMF118#72_TCPIP_Statistics.....	2176
Record Type 118 Subtype 73 - FTP Server Rename.....	2178
Primary segment: SMF118#73_TCPIP_Statistics.....	2178
Record Type 118 Subtype 74 - FTP Server Retrieve.....	2180
Primary segment: SMF118#74_TCPIP_Statistics.....	2180
Record Type 118 Subtype 75 - FTP Server Store.....	2182
Primary segment: SMF118#75_TCPIP_Statistics.....	2182
Record Type 119 - TCPIP Statistics.....	2184
Record Type 119 Subtype 1 - TCP Connection Initiation.....	2184
Primary segment: SMF119#01_TCPIP_Statistics.....	2184
Secondary segment: SMF119#01_Identification.....	2185
Secondary segment: SMF119#01_TCP_Connection_Initiation.....	2185
Record Type 119 Subtype 2 - TCP Connection Termination.....	2187
Primary segment: SMF119#02_TCPIP_Statistics.....	2187
Secondary segment: SMF119#02_Identification.....	2188
Secondary segment: SMF119#02_TCP_Connection_Termination.....	2189
Secondary segment: SMF119#02_TCP_Connection_Termination_Telnet.....	2191
Secondary segment: SMF119#02_TCP_Connection_Termination_ATTLS.....	2192

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF119#02_TCP_Connection_Termination_ApplData.....	2192
Secondary segment: SMF119#02_TCP_Connection_Termination_IP_Filter.....	2192
Record Type 119 Subtype 3 - FTP Client Transfer Completion.....	2194
Primary segment: SMF119#03_TCPIP_Statistics.....	2194
Secondary segment: SMF119#03_Identification.....	2195
Secondary segment: SMF119#03_FTP_Client_Transfer_Completion.....	2196
Secondary segment: SMF119#03_FTP_Client_Transfer_Completion_Associated_DSN.....	2197
Secondary segment: SMF119#03_FTP_Client_Transfer_Completion SOCKS.....	2197
Secondary segment: SMF119#03_FTP_Client_Transfer_Completion_Security.....	2197
Secondary segment: SMF119#03_FTP_Client_Transfer_Completion_User_Name.....	2198
Secondary segment: SMF119#03_FTP_Client_Load_Module_Name.....	2198
Record Type 119 Subtype 4 - TCP/IP Profile Event.....	2199
Primary segment: SMF119#04_TCPIP_Statistics.....	2199
Secondary segment: SMF119#04_Identification.....	2202
Secondary segment: SMF119#04_Profile_information_common.....	2203
Secondary segment: SMF119#04_Profile_information_common_DSN.....	2204
Secondary segment: SMF119#04_Autolog_procedure.....	2205
Secondary segment: SMF119#04_IPv4_IP_configuration.....	2205
Secondary segment: SMF119#04_IPv6_IP_configuration.....	2207
Secondary segment: SMF119#04_TCP_configuration.....	2208
Secondary segment: SMF119#04_UDP_configuration.....	2209
Secondary segment: SMF119#04_Global_configuration.....	2209
Secondary segment: SMF119#04_Port_reservation.....	2212
Secondary segment: SMF119#04_Interface.....	2213
Secondary segment: SMF119#04_IPv6_address.....	2215
Secondary segment: SMF119#04_Routing.....	2216
Secondary segment: SMF119#04_Source_IP_address.....	2217
Secondary segment: SMF119#04_Management.....	2218
Secondary segment: SMF119#04_IPSec_common.....	2219
Secondary segment: SMF119#04_IPSec_default_rules.....	2219
Secondary segment: SMF119#04_Network_access.....	2221
Secondary segment: SMF119#04_Dynamic_VIPA_address.....	2222
Secondary segment: SMF119#04_Dynamic_VIPA_routing.....	2223
Secondary segment: SMF119#04_Distributed_Dynamic_VIPA.....	2224
Secondary segment: SMF119#04_Default_address_selection_policy.....	2225
Record Type 119 Subtype 5 - TCP/IP Statistics.....	2227
Primary segment: SMF119#05_TCPIP_Statistics.....	2227
Secondary segment: SMF119#05_Identification.....	2228
Secondary segment: SMF119#05_IP_statistics.....	2229
Secondary segment: SMF119#05_TCP_statistics.....	2230
Secondary segment: SMF119#05_UDP_statistics.....	2233
Secondary segment: SMF119#05_ICMP_statistics.....	2233
Secondary segment: SMF119#05_IPv6_IP_statistics.....	2235
Secondary segment: SMF119#05_IPv6_ICMP_statistics.....	2235
Secondary segment: SMF119#05_Storage_statistics.....	2237
Record Type 119 Subtype 6 - Interface Statistics.....	2238
Primary segment: SMF119#06_TCPIP_Statistics.....	2238
Secondary segment: SMF119#06_Identification.....	2239
Secondary segment: SMF119#06_Interface_statistics.....	2239
Secondary segment: SMF119#06_HOME_IP_Address.....	2241
Record Type 119 Subtype 7 - Server Port Statistics.....	2242
Primary segment: SMF119#07_TCPIP_Statistics.....	2242
Secondary segment: SMF119#07_Identification.....	2243
Secondary segment: SMF119#07_TCP_server_port_statistics.....	2243
Secondary segment: SMF119#07_UDP_server_port_statistics.....	2244
Record Type 119 Subtype 8 - TCP/IP Stack start/stop.....	2245
Primary segment: SMF119#08_TCPIP_Statistics.....	2245
Secondary segment: SMF119#08_Identification.....	2245
Secondary segment: SMF119#08_TCP_IP_stack_start_stop.....	2246
Record Type 119 Subtype 10 - UDP Socket Close.....	2247
Primary segment: SMF119#10_TCPIP_Statistics.....	2247
Secondary segment: SMF119#10_Identification.....	2247
Secondary segment: SMF119#10_UDP_socket_close.....	2248
Record Type 119 Subtype 11 - zERT Connection Detail.....	2250
Primary segment: SMF119#11_TCPIP_Statistics.....	2250
Secondary segment: SMF119#11_Identification.....	2251
Secondary segment: SMF119#11_zERT_connection_detail_common.....	2252
Secondary segment: SMF119#11_zERT_IP_filter_specific.....	2253
Secondary segment: SMF119#11_zERT_TLS_protocol_attributes.....	2253
Secondary segment: SMF119#11_zERT_SSH_protocol_attributes.....	2255
Secondary segment: SMF119#11_zERT_IPSec_attributes.....	2258
Secondary segment: SMF119#11_zERT_Distinguished_Name.....	2260
Record Type 119 Subtype 12 - zERT Summary.....	2262
Primary segment: SMF119#12_TCPIP_Statistics.....	2262
Secondary segment: SMF119#12_Identification.....	2263
Secondary segment: SMF119#12_zERTSumm_common.....	2263

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF119#12_zERTSumm_TLS_attributes.....	2265
Secondary segment: SMF119#12_zERTSumm_SSH_attributes.....	2267
Secondary segment: SMF119#12_zERTSumm_IPSec_attributes.....	2268
Secondary segment: SMF119#12_zERTSumm_Distinguished_Name.....	2270
Record Type 119 Subtype 20 - TN3270E Telnet Server SNA Initiation.....	2271
Primary segment: SMF119#20_TCPIP_Statistics.....	2271
Secondary segment: SMF119#20_Identification.....	2271
Secondary segment: SMF119#20_TN3270E_Server_SNA_Session_Init.....	2272
Record Type 119 Subtype 21 - TN3270E Telnet Server SNA Termination.....	2273
Primary segment: SMF119#21_TCPIP_Statistics.....	2273
Secondary segment: SMF119#21_Identification.....	2274
Secondary segment: SMF119#21_TN3270E_Server_SNA_Session_Term.....	2274
Secondary segment: SMF119#21_TN3270E_Server_Host_Name_section.....	2276
Secondary segment: SMF119#21_TN3270E_Server_Round_Trip_Performance.....	2276
Secondary segment: SMF119#21_TN3270E_Server_Time_Bucket_Performance.....	2276
Record Type 119 Subtype 22 - TSO Telnet Client Connection Initiation.....	2278
Primary segment: SMF119#22_TCPIP_Statistics.....	2278
Secondary segment: SMF119#22_Identification.....	2278
Secondary segment: SMF119#22_TSO_Telnet_Client_Connection_Init.....	2279
Record Type 119 Subtype 23 - TSO Telnet Client Termination Initiation.....	2280
Primary segment: SMF119#23_TCPIP_Statistics.....	2280
Secondary segment: SMF119#23_Identification.....	2280
Secondary segment: SMF119#23_TSO_Telnet_Client_Connection_Term.....	2281
Record Type 119 Subtype 24 - TN3270E Telnet Server Profile Event.....	2283
Primary segment: SMF119#24_TCPIP_Statistics.....	2283
Secondary segment: SMF119#24_Identification.....	2287
Secondary segment: SMF119#24_Profile_Information_Common.....	2287
Secondary segment: SMF119#24_Profile_Information_DSN.....	2288
Secondary segment: SMF119#24_TelnetGlobals.....	2288
Secondary segment: SMF119#24_TelnetParms.....	2289
Secondary segment: SMF119#24_LU.....	2293
Secondary segment: SMF119#24_LU_Group.....	2294
Secondary segment: SMF119#24_SLU_Group.....	2295
Secondary segment: SMF119#24_APPL_group.....	2295
Secondary segment: SMF119#24_Printer.....	2296
Secondary segment: SMF119#24_PrintGroup.....	2296
Secondary segment: SMF119#24_SLU_Print.....	2297
Secondary segment: SMF119#24_ParmsGroup.....	2298
Secondary segment: SMF119#24_Monitor_Group.....	2302
Secondary segment: SMF119#24_LinkGroup.....	2302
Secondary segment: SMF119#24_IpGroup.....	2303
Secondary segment: SMF119#24_UserGroup.....	2304
Secondary segment: SMF119#24_DestIPGroup.....	2304
Secondary segment: SMF119#24_HnGroup.....	2305
Secondary segment: SMF119#24_AllowAppl_RestrictAppl.....	2305
Secondary segment: SMF119#24_DefaultAppl.....	2306
Secondary segment: SMF119#24_PrtDefaultAppl.....	2307
Secondary segment: SMF119#24_LineModeAppl.....	2308
Secondary segment: SMF119#24_MapAppl.....	2308
Secondary segment: SMF119#24_USSTCP.....	2309
Secondary segment: SMF119#24_INTERPTCP.....	2309
Secondary segment: SMF119#24_ParmsMap.....	2310
Secondary segment: SMF119#24_LUMap.....	2311
Secondary segment: SMF119#24_PrtMap.....	2312
Secondary segment: SMF119#24_MonitorMap.....	2313
Record Type 119 Subtype 32 - DVIPA Status Change.....	2314
Primary segment: SMF119#32_TCPIP_Statistics.....	2314
Secondary segment: SMF119#32_Identification.....	2314
Secondary segment: SMF119#32_DVIPA_Status_Change.....	2315
Record Type 119 Subtype 33 - DVIPA Removed.....	2316
Primary segment: SMF119#33_TCPIP_Statistics.....	2316
Secondary segment: SMF119#33_Identification.....	2316
Secondary segment: SMF119#33_DVIPA_Removed.....	2317
Record Type 119 Subtype 34 - DVIPA Target Added.....	2318
Primary segment: SMF119#34_TCPIP_Statistics.....	2318
Secondary segment: SMF119#34_Identification.....	2318
Secondary segment: SMF119#34_DVIPA_Target_Added.....	2319
Record Type 119 Subtype 35 - DVIPA Target Removed.....	2320
Primary segment: SMF119#35_TCPIP_Statistics.....	2320
Secondary segment: SMF119#35_Identification.....	2320
Secondary segment: SMF119#35_DVIPA_Target_Removed.....	2321
Record Type 119 Subtype 36 - DVIPA Target Server started.....	2322
Primary segment: SMF119#36_TCPIP_Statistics.....	2322
Secondary segment: SMF119#36_Identification.....	2322
Secondary segment: SMF119#36_DVIPA_Target_Server_Started.....	2323
Record Type 119 Subtype 37 - DVIPA Target Server ended.....	2324

Contents

Appendix B: SMF Record Layouts

Primary segment: SMF119#37_TCPIP_Statistics.....	2324
Secondary segment: SMF119#37_Identification.....	2324
Secondary segment: SMF119#37_DVIPA_Target_Server_Ended.....	2325
Record Type 119 Subtype 38 - SMC-D Link Statistics.....	2326
Primary segment: SMF119#38_TCPIP_Statistics.....	2326
Secondary segment: SMF119#38_Identification.....	2326
Secondary segment: SMF119#38_SMC_D_Link_Statistics.....	2327
Record Type 119 Subtype 39 - SMC-D Link State Start.....	2329
Primary segment: SMF119#39_TCPIP_Statistics.....	2329
Secondary segment: SMF119#39_Identification.....	2329
Secondary segment: SMF119#39_SMC_D_Link_State_Start.....	2330
Record Type 119 Subtype 40 - SMC-D Link State End.....	2331
Primary segment: SMF119#40_TCPIP_Statistics.....	2331
Secondary segment: SMF119#40_Identification.....	2331
Secondary segment: SMF119#40_SMC_D_Link_State_End.....	2332
Record Type 119 Subtype 41 - SMC-R Link Statistics.....	2334
Primary segment: SMF119#41_TCPIP_Statistics.....	2334
Secondary segment: SMF119#41_Identification.....	2335
Secondary segment: SMF119#41_SMC_R_Link_Group_Statistics.....	2335
Secondary segment: SMF119#41_SMC_R_Link_Statistics.....	2336
Record Type 119 Subtype 42 - SMC-R Link State Start.....	2338
Primary segment: SMF119#42_TCPIP_Statistics.....	2338
Secondary segment: SMF119#42_Identification.....	2338
Secondary segment: SMF119#42_SMC_R_Link_State_Start.....	2339
Record Type 119 Subtype 43 - SMC-R Link State End.....	2340
Primary segment: SMF119#43_TCPIP_Statistics.....	2340
Secondary segment: SMF119#43_Identification.....	2340
Secondary segment: SMF119#43_SMC_R_Link_State_End.....	2341
Record Type 119 Subtype 44 - RNIC Interface Statistics.....	2343
Primary segment: SMF119#44_TCPIP_Statistics.....	2343
Secondary segment: SMF119#44_Identification.....	2343
Secondary segment: SMF119#44_RNIC_Interface_Statistics.....	2344
Record Type 119 Subtype 45 - ISM Interface Statistics.....	2346
Primary segment: SMF119#45_TCPIP_Statistics.....	2346
Secondary segment: SMF119#45_Identification.....	2346
Secondary segment: SMF119#45_ISM_Interface_Statistics.....	2347
Record Type 119 Subtype 48 - CSSMTP Configuration.....	2349
Primary segment: SMF119#48_TCPIP_Statistics.....	2349
Secondary segment: SMF119#48_Identification.....	2350
Secondary segment: SMF119#48_CSSMTP_Common_Info.....	2350
Secondary segment: SMF119#48_CSSMTP_Start_or_Refresh.....	2351
Secondary segment: SMF119#48_CSSMTP_Target_Servers.....	2352
Secondary segment: SMF119#48_CSSMTP_Config_Data.....	2353
Secondary segment: SMF119#48_CSSMTP_Config_Command.....	2353
Record Type 119 Subtype 49 - CSSMTP Connect.....	2354
Primary segment: SMF119#49_TCPIP_Statistics.....	2354
Secondary segment: SMF119#49_Identification.....	2355
Secondary segment: SMF119#49_CSSMTP_Common_Info.....	2355
Secondary segment: SMF119#49_CSSMTP_Connection_ID.....	2356
Secondary segment: SMF119#49_CSSMTP_Connection_Statistics.....	2356
Record Type 119 Subtype 50 - CSSMTP Mail.....	2358
Primary segment: SMF119#50_TCPIP_Statistics.....	2358
Secondary segment: SMF119#50_Identification.....	2359
Secondary segment: SMF119#50_CSSMTP_Common_Info.....	2359
Secondary segment: SMF119#50_CSSMTP_Spool_Id.....	2360
Secondary segment: SMF119#50_CSSMTP_Mail_Data.....	2360
Secondary segment: SMF119#50_CSSMTP_Mail_Header.....	2361
Record Type 119 Subtype 51 - CSSMTP Spool.....	2362
Primary segment: SMF119#51_TCPIP_Statistics.....	2362
Secondary segment: SMF119#51_Identification.....	2363
Secondary segment: SMF119#51_CSSMTP_Common_Info.....	2363
Secondary segment: SMF119#51_CSSMTP_Spool_Id.....	2364
Secondary segment: SMF119#51_CSSMTP_Spool_Job.....	2364
Secondary segment: SMF119#51_CSSMTP_Spool_Job_Statistics.....	2365
Secondary segment: SMF119#51_CSSMTP_Spool_Job_Accounting.....	2366
Record Type 119 Subtype 52 - CSSMTP Statistics.....	2367
Primary segment: SMF119#52_TCPIP_Statistics.....	2367
Secondary segment: SMF119#52_Identification.....	2368
Secondary segment: SMF119#52_CSSMTP_Stats.....	2368
Secondary segment: SMF119#52_CSSMTP_JES_Stats.....	2369
Secondary segment: SMF119#52_CSSMTP_Health_Checker_Stats.....	2370
Secondary segment: SMF119#52_Target_Server_Stats.....	2371
Record Type 119 Subtype 70 - FTP Server Transfer Completion.....	2372
Primary segment: SMF119#70_TCPIP_Statistics.....	2372
Secondary segment: SMF119#70_Identification.....	2373
Secondary segment: SMF119#70_FTP_Server_Transfer_Completion.....	2374

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_Host.....	2375
Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_First_DSN.....	2375
Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_Second_DSN.....	2375
Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_Security.....	2375
Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_LOADMOD.....	2376
Record Type 119 Subtype 71 - FTP Server Daemon Config.....	2377
Primary segment: SMF119#71_TCPIP_Statistics.....	2377
Secondary segment: SMF119#71_Identification.....	2378
Secondary segment: SMF119#71_FTP_Daemon_Id.....	2378
Secondary segment: SMF119#71_FTP_Daemon_Config_General.....	2379
Secondary segment: SMF119#71_FTP_Daemon_Config_Data.....	2384
Secondary segment: SMF119#71_FTP_Daemon_Config_Data_Item.....	2384
Record Type 119 Subtype 72 - FTP Server Logon Failure.....	2385
Primary segment: SMF119#72_TCPIP_Statistics.....	2385
Secondary segment: SMF119#72_Identification.....	2386
Secondary segment: SMF119#72_FTP_Server_Logon_Failure.....	2386
Secondary segment: SMF119#72_FTP_Server_Logon_Failure_Security.....	2387
Record Type 119 Subtype 73 - IPsec IKE Tunnel Activate/Refresh.....	2388
Primary segment: SMF119#73_TCPIP_Statistics.....	2388
Secondary segment: SMF119#73_Identification.....	2389
Secondary segment: SMF119#73_IPSec_IKE_Tunnel_Common.....	2390
Secondary segment: SMF119#73_IPSec_Local_ID.....	2393
Secondary segment: SMF119#73_IPSec_Remote_ID.....	2393
Secondary segment: SMF119#73_IPSec_Local_Issuer.....	2393
Secondary segment: SMF119#73_IPSec_Remote_Issuer.....	2393
Secondary segment: SMF119#73_IPSec_Local_Subject.....	2393
Secondary segment: SMF119#73_IPSec_Remote_Subject.....	2394
Record Type 119 Subtype 74 - IPsec IKE Tunnel Deactivate/Expire.....	2395
Primary segment: SMF119#74_TCPIP_Statistics.....	2395
Secondary segment: SMF119#74_Identification.....	2396
Secondary segment: SMF119#74_IPSec_IKE_Tunnel_Common.....	2397
Secondary segment: SMF119#74_IPSec_IKE_Counter.....	2400
Secondary segment: SMF119#74_IPSec_Local_ID.....	2400
Secondary segment: SMF119#74_IPSec_Remote_ID.....	2401
Secondary segment: SMF119#74_IPSec_Local_Issuer.....	2401
Secondary segment: SMF119#74_IPSec_Remote_Issuer.....	2401
Secondary segment: SMF119#74_IPSec_Local_Subject.....	2401
Secondary segment: SMF119#74_IPSec_Remote_Subject.....	2401
Record Type 119 Subtype 75 - IPsec Dynamic Tunnel Activate/Refresh.....	2403
Primary segment: SMF119#75_TCPIP_Statistics.....	2403
Secondary segment: SMF119#75_Identification.....	2404
Secondary segment: SMF119#75_IPSec_IP_Tunnel_Common.....	2404
Secondary segment: SMF119#75_IPSec_Dynamic_Tunnel.....	2406
Secondary segment: SMF119#75_IPSec_IKE_Dynamic_Tunnel.....	2408
Secondary segment: SMF119#75_IPSec_Local_Client_ID.....	2409
Secondary segment: SMF119#75_IPSec_Remote_Client_ID.....	2409
Record Type 119 Subtype 76 - IPsec Dynamic Tunnel Deactivate/Expire.....	2410
Primary segment: SMF119#76_TCPIP_Statistics.....	2410
Secondary segment: SMF119#76_Identification.....	2411
Secondary segment: SMF119#76_IPSec_IP_Tunnel_Common.....	2411
Secondary segment: SMF119#76_IPSec_Dynamic_Tunnel.....	2413
Secondary segment: SMF119#76_IPSec_IKE_Dynamic_Tunnel.....	2415
Secondary segment: SMF119#76_IPSec_Local_Client_ID.....	2416
Secondary segment: SMF119#76_IPSec_Remote_Client_ID.....	2416
Record Type 119 Subtype 77 - IPsec Dynamic Tunnel Added.....	2417
Primary segment: SMF119#77_TCPIP_Statistics.....	2417
Secondary segment: SMF119#77_Identification.....	2418
Secondary segment: SMF119#77_IPSec_IP_Tunnel_Common.....	2418
Secondary segment: SMF119#77_IPSec_Dynamic_Tunnel.....	2419
Secondary segment: SMF119#77_IPSec_Dynamic_Tunnel_Added.....	2422
Record Type 119 Subtype 78 - IPsec Dynamic Tunnel Removed.....	2423
Primary segment: SMF119#78_TCPIP_Statistics.....	2423
Secondary segment: SMF119#78_Identification.....	2424
Secondary segment: SMF119#78_IPSec_IP_Tunnel_Common.....	2424
Secondary segment: SMF119#78_IPSec_Dynamic_Tunnel.....	2425
Secondary segment: SMF119#78_IPSec_Dynamic_Tunnel_Removed.....	2428
Record Type 119 Subtype 79 - IPsec Manual Tunnel Activate/Refresh.....	2429
Primary segment: SMF119#79_TCPIP_Statistics.....	2429
Secondary segment: SMF119#79_Identification.....	2429
Secondary segment: SMF119#79_IPSec_IP_Tunnel_Common.....	2430
Record Type 119 Subtype 80 - IPsec Manual Tunnel Deactivate.....	2432
Primary segment: SMF119#80_TCPIP_Statistics.....	2432
Secondary segment: SMF119#80_Identification.....	2433
Secondary segment: SMF119#80_IPSec_IP_Tunnel_Common.....	2433
Secondary segment: SMF119#80_IPSec_Manual_Tunnel.....	2434
Record Type 119 Subtype 81 - VTAM 3270 IDS event.....	2435

Contents

Appendix B: SMF Record Layouts

Primary segment: SMF119#81_TCPIP_Statistics.....	2435
Secondary segment: SMF119#81_Identification.....	2436
Secondary segment: SMF119#81_IDS_3270_Common.....	2436
Secondary segment: SMF119#81_IDS_3270_Outbound_Buffer.....	2437
Secondary segment: SMF119#81_IDS_3270_Inbound_Buffer.....	2438
Record Type 120 - WebSphere.....	2439
Record Type 120 Subtype 1 - Server Activity.....	2439
Primary segment: SMF120#01_WebSphere_Server_Activity.....	2439
Secondary segment: SMF120#01_Product.....	2440
Secondary segment: SMF120#01_Server_Activity.....	2440
Secondary segment: SMF120#01_Comms.....	2441
Secondary segment: SMF120#01_JVM_Heap.....	2442
Record Type 120 Subtype 3 - Server Interval.....	2443
Primary segment: SMF120#03_WebSphere_Server_Interval.....	2443
Secondary segment: SMF120#03_Product.....	2444
Secondary segment: SMF120#03_Server_Interval.....	2444
Secondary segment: SMF120#03_Server_Region.....	2446
Secondary segment: SMF120#03_HeapID.....	2446
Record Type 120 Subtype 5 - J2EE Container Activity.....	2448
Primary segment: SMF120#05_WebSphere_J2EE_Activity.....	2448
Secondary segment: SMF120#05_Product.....	2449
Secondary segment: SMF120#05_J2EE_Activity.....	2449
Secondary segment: SMF120#05_Bean.....	2450
Secondary segment: SMF120#05_Bean_Method.....	2450
Record Type 120 Subtype 6 - J2EE Container Interval.....	2452
Primary segment: SMF120#06_WebSphere_J2EE_Interval.....	2452
Secondary segment: SMF120#06_Product.....	2453
Secondary segment: SMF120#06_J2EE_Interval.....	2453
Secondary segment: SMF120#06_Bean.....	2454
Secondary segment: SMF120#06_Bean_Method.....	2454
Record Type 120 Subtype 7 - WebContainer Activity.....	2456
Primary segment: SMF120#07_WebSphere_WebCont_Activity.....	2456
Secondary segment: SMF120#07_Product.....	2457
Secondary segment: SMF120#07_WebCont_Activity.....	2457
Secondary segment: SMF120#07_HttpSes_Activity.....	2458
Secondary segment: SMF120#07_WebApp.....	2458
Secondary segment: SMF120#07_Servlet.....	2458
Record Type 120 Subtype 8 - WebContainer Interval.....	2460
Primary segment: SMF120#08_WebSphere_WebCont_Interval.....	2460
Secondary segment: SMF120#08_Product.....	2461
Secondary segment: SMF120#08_WebCont_Interval.....	2461
Secondary segment: SMF120#08_HttpSes_Interval.....	2462
Secondary segment: SMF120#08_WebApp.....	2462
Secondary segment: SMF120#08_Servlet.....	2463
Record Type 120 Subtype 9 - Request Activity.....	2464
Primary segment: SMF120#09_WebSphere_Request_Activity.....	2464
Secondary segment: SMF120#09_PFM_Neut_Server.....	2466
Secondary segment: SMF120#09_zOS_Server.....	2466
Secondary segment: SMF120#09_PFM_Neut_Req.....	2467
Secondary segment: SMF120#09_zOS_Req.....	2468
Secondary segment: SMF120#09_zOS_Timestamp.....	2471
Secondary segment: SMF120#09_Network.....	2471
Secondary segment: SMF120#09_Classification.....	2472
Secondary segment: SMF120#09_Security.....	2472
Secondary segment: SMF120#09_CPU_Usage.....	2472
Secondary segment: SMF120#09_User.....	2473
Secondary segment: SMF120#09_ASync.....	2473
Record Type 120 Subtype 10 - Outbound Request.....	2476
Primary segment: SMF120#10_WebSphere_Outbound_Request.....	2476
Secondary segment: SMF120#10_PFM_Neut_Server.....	2477
Secondary segment: SMF120#10_zOS_Server.....	2478
Secondary segment: SMF120#10_Comm_OutReq.....	2479
Secondary segment: SMF120#10_WOLA_OutReq.....	2480
Secondary segment: SMF120#10_OutReq_Trans.....	2480
Secondary segment: SMF120#10_OutReq_Sec.....	2480
Secondary segment: SMF120#10_OutReq_CICS.....	2480
Secondary segment: SMF120#10_OTMA_OutReq.....	2481
Record Type 121 - Java Runtime Performance.....	2482
Primary segment: SMF121#01_Java_Runtime_Performance.....	2482
Secondary segment: SMF121#01_Runtime.....	2483
Secondary segment: SMF121#01_Garbage_Collector.....	2483
Secondary segment: SMF121#01_Thread.....	2484
Record Type 122 - IBM Explorer Developer for z/OS.....	2485
Primary segment: SMF122#01_IBM_Explorer_Developer_for_zOS.....	2485
Secondary segment: SMF122#01_Creator_ID.....	2486
Secondary segment: SMF122#01_Server_Initialization.....	2486

Contents

Appendix B: SMF Record Layouts

Secondary segment: SMF122#01_VU_license_Handler_Status.....	2487
Secondary segment: SMF122#01_Client_UUID.....	2487
Secondary segment: SMF122#01_Client_Labels.....	2487
Secondary segment: SMF122#01_Client_Data.....	2488
Record Type 123 - z/OS Connect Enterprise Edition.....	2489
Primary segment: SMF123#01_zOS_Connect.....	2489
Secondary segment: SMF123#01_V1_Header_Ext.....	2489
Secondary segment: SMF123#01_V2_Header_Ext.....	2490
Secondary segment: SMF123#01_V1_Triplets.....	2490
Secondary segment: SMF123#01_V2_Triplets.....	2490
Secondary segment: SMF123#01_Server.....	2491
Secondary segment: SMF123#01_V2_Server.....	2491
Secondary segment: SMF123#01_User_Data.....	2491
Secondary segment: SMF123#01_V2_Request_Data.....	2492
Record Type 124 - I/O Supervisor Information.....	2494
Record Type 124 Subtype 1 - IOS Link Diagnostics.....	2494
Primary segment: SMF124#01_IOS_Link_Diagnostic_Information.....	2494
Secondary segment: SMF124#01_Port.....	2495
Record Type 124 Subtype 2 - IOS Endpoint Security.....	2500
Primary segment: SMF124#02_IOS_Endpoint_Security_Information.....	2500
Secondary segment: SMF124#02_Endpoint_Security_Status.....	2500
Record Type 124 Subtype 3 - IOS Endpoint Security Authentication Key Update.....	2502
Primary segment: SMF124#03_IOS_Endpoint_Security_Authentication.....	2502
Secondary segment: SMF124#03_Key_Update.....	2502
Record Type 124 Subtype 4 - IOS Endpoint Security Encryption Key Update.....	2504
Primary segment: SMF124#04_IOS_Endpoint_Security_Encryption.....	2504
Secondary segment: SMF124#04_Key_Update.....	2504
Record Type 124 Subtype 5 - IOS External Key Manager.....	2506
Primary segment: SMF124#05_IOS_External_Key_Manager.....	2506
Secondary segment: SMF124#05_Event.....	2506
Record Type 125 - Generic Tracker.....	2508
Primary segment: SMF125_Generic_Tracker.....	2508
Secondary segment: SMF125_EventDesc.....	2509
Secondary segment: SMF125_SourcePath.....	2509
Secondary segment: SMF125_ProgramPath.....	2509
Record Type 200 - CA Spool.....	2510
Primary segment: SMF200_CA_SPOOL.....	2510
Secondary segment: SMF200_00_Start.....	2511
Secondary segment: SMF200_01_Termination.....	2511
Secondary segment: SMF200_02_SMF_Data_Lost.....	2511
Secondary segment: SMF200_03_VTAM_Start.....	2511
Secondary segment: SMF200_04_VTAM_End.....	2511
Secondary segment: SMF200_05_File_Open.....	2512
Secondary segment: SMF200_06_File_Close.....	2513
Secondary segment: SMF200_07_File_Purge.....	2513
Secondary segment: SMF200_08_File_Route.....	2513
Secondary segment: SMF200_09_File_Transfer.....	2514
Secondary segment: SMF200_10_File_Reset.....	2515
Secondary segment: SMF200_11_Print_End.....	2516
Secondary segment: SMF200_12_File_Transformation.....	2517
Record Type 208 - SYNC SORT.....	2518
Primary segment: SMF208_SYNC SORT.....	2518
Secondary segment: SMF208_SYNC SORT_SORTWK_Entry.....	2519
Secondary segment: SMF208_SYNC SORT_SORTWK_CHBG.....	2520
Secondary segment: SMF208_SYNC SORT_RSRV2.....	2522
Secondary segment: SMF208_SYNC SORT_WKEXTENTRY.....	2525
Secondary segment: SMF208_SYNC SORT_RSRV5.....	2525

Appendix C: ENUM Values

SMF 2 ENUM: zGHASHMETHe.....	2526
SMF 2 ENUM: zGSIGTYPEe.....	2526
SMF 2 ENUM: zIHASHMETHe.....	2527
SMF 2 ENUM: zISIGTYPEe.....	2527
SMF 6 ENUM: zFTL.....	2527
SMF 9 ENUM: zVPC.....	2527
SMF 11 ENUM: zVPC.....	2528
SMF 14 ENUM: Compaction.....	2528
SMF 14 ENUM: DEN.....	2528
SMF 14 ENUM: DSRG1.....	2529
SMF 14 ENUM: DSRG2.....	2529
SMF 14 ENUM: Disp.....	2530
SMF 14 ENUM: EROPT.....	2530
SMF 14 ENUM: IND1.....	2530
SMF 14 ENUM: LabelType.....	2531
SMF 14 ENUM: MODE.....	2531
SMF 14 ENUM: Media.....	2532

Contents

Appendix C: ENUM Values

SMF 14 ENUM: PRTSP.....	2532
SMF 14 ENUM: RECFM.....	2533
SMF 14 ENUM: Security.....	2534
SMF 14 ENUM: Shr.....	2534
SMF 14 ENUM: SpaceReq1.....	2534
SMF 14 ENUM: SpaceReq2.....	2535
SMF 14 ENUM: SpaceTyp.....	2535
SMF 14 ENUM: SpecialAttr.....	2535
SMF 14 ENUM: TRTCH.....	2536
SMF 14 ENUM: TrackRecordingTechnique.....	2536
SMF 15 ENUM: Compaction.....	2537
SMF 15 ENUM: DEN.....	2537
SMF 15 ENUM: DSRG1.....	2538
SMF 15 ENUM: DSRG2.....	2538
SMF 15 ENUM: Disp.....	2539
SMF 15 ENUM: EROPT.....	2539
SMF 15 ENUM: IND1.....	2539
SMF 15 ENUM: LabelType.....	2540
SMF 15 ENUM: MODE.....	2540
SMF 15 ENUM: Media.....	2541
SMF 15 ENUM: PRTSP.....	2541
SMF 15 ENUM: RECFM.....	2542
SMF 15 ENUM: Security.....	2543
SMF 15 ENUM: Shr.....	2543
SMF 15 ENUM: SpaceReq1.....	2543
SMF 15 ENUM: SpaceReq2.....	2544
SMF 15 ENUM: SpaceTyp.....	2544
SMF 15 ENUM: SpecialAttr.....	2544
SMF 15 ENUM: TRTCH.....	2545
SMF 15 ENUM: TrackRecordingTechnique.....	2545
SMF 16 ENUM: zRFMT.....	2546
SMF 16 ENUM: zSFSZFL.....	2546
SMF 16 ENUM: zSIAM.....	2546
SMF 16 ENUM: zSOAM.....	2546
SMF 16 ENUM: zTECH.....	2547
SMF 16 ENUM: zTUNE.....	2547
SMF 16 ENUM: zOFAM.....	2547
SMF 16 ENUM: zOFDEV.....	2548
SMF 16 ENUM: zOFRCF.....	2548
SMF 16 ENUM: zINAM.....	2549
SMF 16 ENUM: zINDD.....	2549
SMF 16 ENUM: zINDEV.....	2550
SMF 16 ENUM: zINRCF.....	2550
SMF 16 ENUM: zOTAM.....	2551
SMF 16 ENUM: zOTDEV.....	2551
SMF 16 ENUM: zOTRCF.....	2552
SMF 21 ENUM: zTapeStyle.....	2553
SMF 22 ENUM: zIND.....	2553
SMF 22 ENUM: zETY.....	2554
SMF 22 ENUM: zDuplexPair.....	2554
SMF 22 ENUM: zFastWrite.....	2555
SMF 22 ENUM: zPPRC1.....	2555
SMF 22 ENUM: zPPRC2.....	2556
SMF 22 ENUM: zPPRC3.....	2556
SMF 22 ENUM: zPPRCVol.....	2556
SMF 22 ENUM: zPinned.....	2557
SMF 22 ENUM: zStatus.....	2558
SMF 24 ENUM: zSUB.....	2559
SMF 30 ENUM: zSTYe.....	2559
SMF 30 ENUM: z_Boost_Class.....	2559
SMF 30 ENUM: zMES.....	2560
SMF 30 ENUM: zTYPe.....	2560
SMF 30 ENUM: zUDF.....	2560
SMF 32 ENUM: zTYP.....	2561
SMF 32 ENUM: zSTYe.....	2561
SMF 33 ENUM: zUST.....	2561
SMF 33 ENUM: zCIO.....	2561
SMF 33 ENUM: zCKD.....	2562
SMF 33 ENUM: zCLR.....	2562
SMF 33 ENUM: zCSA.....	2562
SMF 33 ENUM: zCSL.....	2563
SMF 40 ENUM: zFLAG.....	2563
SMF 41 ENUM: zSTYe.....	2563
SMF 41 ENUM: zAMA.....	2563
SMF 41 ENUM: zTYA.....	2564
SMF 42-1 ENUM: zSTYe.....	2564

Contents

Appendix C: ENUM Values

SMF 42-2 ENUM: zCache.....	2564
SMF 42-2 ENUM: zNVCache.....	2564
SMF 42-2 ENUM: zSTYe.....	2565
SMF 42-2 ENUM: zDEVCache.....	2565
SMF 42-2 ENUM: zDEVDup.....	2565
SMF 42-2 ENUM: zDEVDupS.....	2565
SMF 42-2 ENUM: zDEVFastWr.....	2566
SMF 42-2 ENUM: zDEVPin.....	2566
SMF 42-3 ENUM: zSTYe.....	2566
SMF 42-3 ENUM: zENS.....	2567
SMF 42-3 ENUM: zEOS.....	2567
SMF 42-4 ENUM: zSTYe.....	2567
SMF 42-5 ENUM: zSTYe.....	2567
SMF 42-6 ENUM: zSTYe.....	2568
SMF 42-6 ENUM: zCMT.....	2568
SMF 42-6 ENUM: zTYP.....	2569
SMF 42-6 ENUM: zVSAMBuf.....	2569
SMF 42-7 ENUM: zSTYe.....	2570
SMF 42-7 ENUM: zFFS.....	2570
SMF 42-7 ENUM: zFTM.....	2570
SMF 42-7 ENUM: zFTY.....	2571
SMF 42-9 ENUM: zSTYe.....	2571
SMF 42-11 ENUM: zSTYe.....	2571
SMF 42-14 ENUM: zSTYe.....	2571
SMF 42-15 ENUM: zSTYe.....	2572
SMF 42-16 ENUM: zSTYe.....	2572
SMF 42-17 ENUM: zSTYe.....	2572
SMF 42-18 ENUM: zSTYe.....	2572
SMF 42-19 ENUM: zSTYe.....	2572
SMF 42-20 ENUM: zSTYe.....	2573
SMF 42-20 ENUM: zPOEX.....	2573
SMF 42-20 ENUM: zSTYP.....	2574
SMF 42-20 ENUM: zVERS.....	2574
SMF 42-21 ENUM: zSTYe.....	2575
SMF 42-21 ENUM: zPOEX.....	2575
SMF 42-21 ENUM: zSTYP.....	2576
SMF 42-21 ENUM: zVERS.....	2576
SMF 42-22 ENUM: zSTYe.....	2577
SMF 42-23 ENUM: zSTYe.....	2577
SMF 42-24 ENUM: zSTYe.....	2577
SMF 42-24 ENUM: zPOEX.....	2577
SMF 42-24 ENUM: zSTYP.....	2578
SMF 42-24 ENUM: zVERS.....	2578
SMF 42-25 ENUM: zSTYe.....	2579
SMF 42-25 ENUM: zPOEX.....	2579
SMF 42-25 ENUM: zSTYP.....	2580
SMF 42-25 ENUM: zVERS.....	2580
SMF 42-26 ENUM: zSTYe.....	2581
SMF 42-26 ENUM: zAFS.....	2581
SMF 42-26 ENUM: zATM.....	2581
SMF 42-26 ENUM: zAFS.....	2582
SMF 42-26 ENUM: zATY.....	2582
SMF 42-27 ENUM: zSTYe.....	2582
SMF 42-27 ENUM: zDSORG.....	2583
SMF 42-27 ENUM: zEATTR.....	2583
SMF 42-27 ENUM: zRECFM.....	2584
SMF 42-27 ENUM: zSCAL1.....	2585
SMF 42-27 ENUM: zSCXTF.....	2585
SMF 42-27 ENUM: zDSORG.....	2586
SMF 42-27 ENUM: zEATTR.....	2586
SMF 42-27 ENUM: zRECFM.....	2587
SMF 42-27 ENUM: zSCAL1.....	2588
SMF 42-27 ENUM: zSCXTF.....	2588
SMF 42-27 ENUM: zPOEX.....	2589
SMF 42-27 ENUM: zSTYP.....	2590
SMF 42-27 ENUM: zVERS.....	2590
SMF 43 ENUM: zSBS.....	2591
SMF 45 ENUM: zSBS.....	2591
SMF 47 ENUM: zSBS.....	2591
SMF 48 ENUM: zSBS.....	2591
SMF 49 ENUM: zSBS.....	2592
SMF 50 ENUM: zTYPE.....	2592
SMF 50 ENUM: zTYPE.....	2592
SMF 50 ENUM: zTYPE.....	2593
SMF 50 ENUM: zTYPE.....	2593
SMF 50 ENUM: zTYPE.....	2593

Contents

Appendix C: ENUM Values

SMF 50 ENUM: zTYPE.....	2594
SMF 50 ENUM: zTYPE.....	2594
SMF 50 ENUM: zTYPE.....	2594
SMF 50 ENUM: zLTYPE.....	2595
SMF 52 ENUM: zSUB.....	2595
SMF 53 ENUM: zSUB.....	2595
SMF 54 ENUM: zSUB.....	2595
SMF 60 ENUM: zTYP3.....	2596
SMF 61 ENUM: zTYP3.....	2597
SMF 65 ENUM: zTYP3.....	2598
SMF 66 ENUM: zTYP3.....	2599
SMF 70-1 ENUM: zTYP.....	2600
SMF 70-1 ENUM: z_Boost_Class.....	2600
SMF 70-2 ENUM: R7024CTe.....	2600
SMF 70-2 ENUM: R7024SCOPEe.....	2601
SMF 70-2 ENUM: R7023CTe.....	2601
SMF 70-2 ENUM: R7023SCOPEe.....	2601
SMF 70-2 ENUM: R7025CTe.....	2602
SMF 70-2 ENUM: R7025SCOPEe.....	2602
SMF 70-2 ENUM: z_Boost_Class.....	2602
SMF 72-3 ENUM: z_Boost_Class.....	2603
SMF 72-4 ENUM: z_Boost_Class.....	2603
SMF 72-5 ENUM: z_Boost_Class.....	2603
SMF 73 ENUM: zCMI.....	2604
SMF 74-5 ENUM: zCaching.....	2604
SMF 74-5 ENUM: zDevicePinnedData.....	2604
SMF 74-5 ENUM: zDevicePinnedDataX.....	2605
SMF 74-5 ENUM: zDuplexPair.....	2605
SMF 74-5 ENUM: zFastWrite.....	2605
SMF 74-5 ENUM: zGlobalMirrorState.....	2606
SMF 74-5 ENUM: zStatus.....	2606
SMF 74-5 ENUM: zVolumeSpace.....	2606
SMF 74-5 ENUM: zDataFmt1.....	2607
SMF 74-5 ENUM: zDataFmt2.....	2607
SMF 74-5 ENUM: zDevicePinnedData.....	2607
SMF 74-5 ENUM: zDevicePinnedDataX.....	2607
SMF 74-5 ENUM: zFastWrite.....	2608
SMF 74-5 ENUM: zGlobalMirrorState.....	2608
SMF 74-5 ENUM: zPPRCStatus.....	2608
SMF 74-5 ENUM: zStatus.....	2609
SMF 74-5 ENUM: zVolumeSpace.....	2609
SMF 74-5 ENUM: z1FLG.....	2609
SMF 74-5 ENUM: z1RTY.....	2610
SMF 74-5 ENUM: z2XTY.....	2610
SMF 74-8 ENUM: zDevC.....	2610
SMF 79-1 ENUM: zTAS.....	2611
SMF 79-1 ENUM: z_Boost_Class.....	2611
SMF 79-2 ENUM: zTAS.....	2611
SMF 79-2 ENUM: z_Boost_Class.....	2612
SMF 79-3 ENUM: z_Boost_Class.....	2612
SMF 79-4 ENUM: z_Boost_Class.....	2612
SMF 79-5 ENUM: zTAS.....	2613
SMF 79-5 ENUM: z_Boost_Class.....	2613
SMF 79-6 ENUM: z_Boost_Class.....	2613
SMF 79-7 ENUM: z_Boost_Class.....	2614
SMF 79-9 ENUM: z_Boost_Class.....	2614
SMF 79-11 ENUM: z_Boost_Class.....	2614
SMF 79-12 ENUM: zCMI.....	2615
SMF 79-12 ENUM: z_Boost_Class.....	2615
SMF 79-14 ENUM: z_Boost_Class.....	2615
SMF 79-15 ENUM: z_Boost_Class.....	2616
SMF 80 ENUM: zCLIENT.....	2616
SMF 80 ENUM: zCLIENT.....	2616
SMF 80 ENUM: zTYPE.....	2616
SMF 80 ENUM: zTYPE.....	2617
SMF 80 ENUM: zAUDIT_FAILURES_LEVEL.....	2617
SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL.....	2617
SMF 80 ENUM: zUACC_AUTH.....	2618
SMF 80 ENUM: zAUTHOPT.....	2618
SMF 80 ENUM: zUACC_AUTH.....	2618
SMF 80 ENUM: zAUDIT_FAILURES_LEVEL.....	2619
SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL.....	2619
SMF 80 ENUM: zGLOBALAUDIT_FAILURES_LEVEL.....	2619
SMF 80 ENUM: zGLOBALAUDIT_SUCCESS_LEVEL.....	2620
SMF 80 ENUM: zUACC_AUTH.....	2620
SMF 80 ENUM: zAUTHOPT.....	2620

Contents

Appendix C: ENUM Values

SMF 80 ENUM: zUACC_AUTH.....	2621
SMF 80 ENUM: zACCESS.....	2621
SMF 80 ENUM: zVOL_PROCESSED.....	2621
SMF 80 ENUM: zSERVICE.....	2622
SMF 80 ENUM: zAUTHALLOW.....	2625
SMF 80 ENUM: zDAUTHALLOW.....	2625
SMF 80 ENUM: zAUTHREQ.....	2626
SMF 80 ENUM: zAUTHOPT.....	2626
SMF 80 ENUM: zUACC_AUTH.....	2626
SMF 80 ENUM: zFORMAT.....	2627
SMF 80 ENUM: zNOTRUST.....	2627
SMF 80 ENUM: zHIGHTRUST.....	2627
SMF 80 ENUM: zTRUST.....	2627
SMF 80 ENUM: zDELETE.....	2628
SMF 80 ENUM: zDELETE.....	2628
SMF 80 ENUM: zDELETE.....	2628
SMF 80 ENUM: zDEFAULT.....	2628
SMF 80 ENUM: zVOL_PROCESSED.....	2629
SMF 80 ENUM: zOPTYPE.....	2629
SMF 80 ENUM: zDSNR.....	2629
SMF 80 ENUM: zGENERIC.....	2629
SMF 80 ENUM: zAUDLEVEL.....	2630
SMF 80 ENUM: zDELETED.....	2630
SMF 80 ENUM: zACTIVEMFA.....	2630
SMF 80 ENUM: zFALLBACK.....	2630
SMF 80 ENUM: zMFAFAIL.....	2631
SMF 80 ENUM: zMFAOK.....	2631
SMF 80 ENUM: zNODEC.....	2631
SMF 80 ENUM: zNPASSINV.....	2631
SMF 80 ENUM: zPASS.....	2632
SMF 80 ENUM: zPASSEXP.....	2632
SMF 80 ENUM: zPASSINV.....	2632
SMF 80 ENUM: zPASSOK.....	2632
SMF 80 ENUM: zPASSPHR.....	2633
SMF 80 ENUM: zPASSPHROK.....	2633
SMF 80 ENUM: zPASSTICK.....	2633
SMF 80 ENUM: zPASSTICKOK.....	2633
SMF 80 ENUM: zVLFCACHE.....	2634
SMF 80 ENUM: zACTIVE.....	2634
SMF 80 ENUM: zADDPOLICY.....	2634
SMF 80 ENUM: zDELFACTOR.....	2634
SMF 80 ENUM: zDELPOLICY.....	2635
SMF 80 ENUM: zDELTAGS.....	2635
SMF 80 ENUM: zFACTOR.....	2635
SMF 80 ENUM: zNOACTIVE.....	2635
SMF 80 ENUM: zNOPWFALLBACK.....	2636
SMF 80 ENUM: zNOTAGS.....	2636
SMF 80 ENUM: zPWFALLBACK.....	2636
SMF 80 ENUM: zTAGS.....	2636
SMF 80 ENUM: zREUSE.....	2637
SMF 80 ENUM: zAUDEXEC.....	2637
SMF 80 ENUM: zAUDREAD.....	2637
SMF 80 ENUM: zAUDWRITE.....	2638
SMF 80 ENUM: zEXEC.....	2638
SMF 80 ENUM: zREAD.....	2638
SMF 80 ENUM: zWRITE.....	2639
SMF 80 ENUM: zAUDEXEC.....	2639
SMF 80 ENUM: zAUDREAD.....	2639
SMF 80 ENUM: zAUDWRITE.....	2640
SMF 80 ENUM: zEXEC.....	2640
SMF 80 ENUM: zREAD.....	2640
SMF 80 ENUM: zWRITE.....	2641
SMF 80 ENUM: zACCESS_AUTH.....	2641
SMF 80 ENUM: zPATHFLAG.....	2641
SMF 80 ENUM: zIGNORED.....	2642
SMF 80 ENUM: zTYPE.....	2642
SMF 80 ENUM: zPKEY.....	2642
SMF 80 ENUM: zFORMAT.....	2642
SMF 80 ENUM: zAUDIT_FAILURES_LEVEL.....	2643
SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL.....	2643
SMF 80 ENUM: zGLOBALAUDIT_FAILURES_LEVEL.....	2643
SMF 80 ENUM: zGLOBALAUDIT_SUCCESS_LEVEL.....	2644
SMF 80 ENUM: zUACC_AUTH.....	2644
SMF 80 ENUM: zAUDIT_FAILURES_LEVEL.....	2644
SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL.....	2645
SMF 80 ENUM: zUACC_AUTH.....	2645

Contents

Appendix C: ENUM Values

SMF 80 ENUM: zKEYUSE.....	2645
SMF 80 ENUM: zPASS.....	2646
SMF 80 ENUM: zLOAD.....	2646
SMF 80 ENUM: zIPACCESS.....	2646
SMF 80 ENUM: zEXEC.....	2646
SMF 80 ENUM: zREAD.....	2647
SMF 80 ENUM: zWRITE.....	2647
SMF 80 ENUM: STYP.....	2648
SMF 80 ENUM: TOKPOEX.....	2649
SMF 80 ENUM: zTERM_UACC.....	2649
SMF 80 ENUM: zTERM_UACC_D.....	2649
SMF 80 ENUM: zEVENT_NAME.....	2650
SMF 80 ENUM: zEVENT_QUAL.....	2652
SMF 80 ENUM: zSERVICE.....	2663
SMF 80 ENUM: zSECURITY.....	2666
SMF 80 ENUM: STYP.....	2667
SMF 80 ENUM: TOKPOEX.....	2668
SMF 82 ENUM: zFTN.....	2668
SMF 82 ENUM: zTID.....	2668
SMF 82 ENUM: zKAP.....	2669
SMF 82 ENUM: zAAP.....	2669
SMF 82 ENUM: zRAP.....	2669
SMF 82 ENUM: zPAP.....	2670
SMF 82 ENUM: zTPT.....	2670
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2670
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2671
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2671
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2671
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2671
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2671
SMF 82 ENUM: zAUD_TRIPL_TAGe.....	2672
SMF 83 ENUM: zVRM.....	2672
SMF 83 ENUM: zVRM.....	2673
SMF 85 ENUM: zSTYe.....	2674
SMF 86 ENUM: zAuthMode.....	2675
SMF 86 ENUM: zAuthResult.....	2675
SMF 86 ENUM: zPropChange.....	2675
SMF 86 ENUM: zCurrentStatus.....	2676
SMF 86 ENUM: zNewStatus.....	2677
SMF 86 ENUM: zCIMOptType.....	2677
SMF 86 ENUM: zCIMStatusCodee.....	2678
SMF 86 ENUM: zSTYe.....	2678
SMF 87 ENUM: zQSCAN_SCANACTION.....	2679
SMF 87 ENUM: zENQ_REQUESTTYPE.....	2679
SMF 87 ENUM: zENQ_SCOPE.....	2679
SMF 87 ENUM: zENQ_REQUESTTYPE.....	2680
SMF 87 ENUM: zENQ_SCOPE.....	2680
SMF 87 ENUM: zSTYe.....	2680
SMF 89 ENUM: z_Boost_Class.....	2681
SMF 89 ENUM: z_Boost_Class.....	2681
SMF 89 ENUM: zSTYe.....	2681
SMF 90 ENUM: zAUTHSETSMF.....	2681
SMF 90 ENUM: zLASTDS.....	2682
SMF 90 ENUM: zLISTDSN.....	2682
SMF 90 ENUM: zNOBUFFS.....	2682
SMF 90 ENUM: zPROMPT.....	2683
SMF 90 ENUM: zREC.....	2683
SMF 90 ENUM: zSID.....	2683
SMF 90 ENUM: zSMF30COUNT.....	2684
SMF 90 ENUM: zAUTHSETSMF.....	2684
SMF 90 ENUM: zLASTDS.....	2684
SMF 90 ENUM: zLISTDSN.....	2684
SMF 90 ENUM: zNOBUFFS.....	2685
SMF 90 ENUM: zPROMPT.....	2685
SMF 90 ENUM: zREC.....	2685
SMF 90 ENUM: zSID.....	2686
SMF 90 ENUM: zSMF30COUNT.....	2686
SMF 90 ENUM: zAUTHSETSMF.....	2686
SMF 90 ENUM: zLASTDS.....	2687
SMF 90 ENUM: zLISTDSN.....	2687
SMF 90 ENUM: zNOBUFFS.....	2687
SMF 90 ENUM: zPROMPT.....	2688
SMF 90 ENUM: zREC.....	2688
SMF 90 ENUM: zSID.....	2688
SMF 90 ENUM: zSMF30COUNT.....	2689
SMF 90 ENUM: zAUTHSETSMF.....	2689

Contents

Appendix C: ENUM Values

SMF 90 ENUM: zLASTDS.....	2689
SMF 90 ENUM: zLISTDSN.....	2689
SMF 90 ENUM: zNOBUFFS.....	2690
SMF 90 ENUM: zPROMPT.....	2690
SMF 90 ENUM: zREC.....	2690
SMF 90 ENUM: zSID.....	2691
SMF 90 ENUM: zSMF30COUNT.....	2691
SMF 90 ENUM: zPOLRTU.....	2691
SMF 90 ENUM: zPOLLVL.....	2692
SMF 90 ENUM: zPOLWVN.....	2693
SMF 90 ENUM: zMODPROBFUNCTION.....	2694
SMF 90 ENUM: zMODPROBFUNCTION.....	2694
SMF 90 ENUM: zRETCodee.....	2695
SMF 90 ENUM: zRSNCodee.....	2695
SMF 90 ENUM: zMODPROBFUNCTION.....	2696
SMF 90 ENUM: zADDORDELETE.....	2696
SMF 90 ENUM: zRESOURCE_STATE.....	2697
SMF 90 ENUM: zFUNCTIONALITY_LEVEL.....	2698
SMF 90 ENUM: zWLM_VERSION_NUMBER.....	2699
SMF 90 ENUM: zCapacity_Change_Reason.....	2699
SMF 90 ENUM: zFunction.....	2700
SMF 90 ENUM: zBoostClass.....	2700
SMF 90 ENUM: zEvent.....	2700
SMF 90 ENUM: zSTYe.....	2701
SMF 91-1 ENUM: zSTYe.....	2702
SMF 91-1 ENUM: zSST.....	2702
SMF 91-1 ENUM: zSTR.....	2702
SMF 91-2 ENUM: zSTYe.....	2703
SMF 91-2 ENUM: zSST.....	2703
SMF 91-2 ENUM: zSTR.....	2703
SMF 91-3 ENUM: zSTYe.....	2704
SMF 91-3 ENUM: zSST.....	2704
SMF 91-3 ENUM: zSTR.....	2704
SMF 91-11 ENUM: zSTYe.....	2705
SMF 91-11 ENUM: zRECFM.....	2705
SMF 91-11 ENUM: zSST.....	2705
SMF 91-11 ENUM: zSTR.....	2706
SMF 91-12 ENUM: zSTYe.....	2706
SMF 91-12 ENUM: zRECFM.....	2706
SMF 91-12 ENUM: zSST.....	2707
SMF 91-12 ENUM: zSTR.....	2707
SMF 91-13 ENUM: zSTYe.....	2707
SMF 91-13 ENUM: zRECFM.....	2708
SMF 91-13 ENUM: zSST.....	2708
SMF 91-13 ENUM: zSTR.....	2708
SMF 91-14 ENUM: zSTYe.....	2709
SMF 91-14 ENUM: zRECFM.....	2709
SMF 91-14 ENUM: zSST.....	2709
SMF 91-14 ENUM: zSTR.....	2710
SMF 91-15 ENUM: zSTYe.....	2710
SMF 91-15 ENUM: zRECFM.....	2710
SMF 91-15 ENUM: zSST.....	2711
SMF 91-15 ENUM: zSTR.....	2711
SMF 92 ENUM: zSTYe.....	2712
SMF 92 ENUM: zMFT.....	2713
SMF 92 ENUM: zSFT.....	2713
SMF 92 ENUM: zRFT.....	2713
SMF 92 ENUM: zUFT.....	2714
SMF 92 ENUM: zUFT.....	2714
SMF 92 ENUM: zVFT.....	2714
SMF 92 ENUM: zGFT.....	2715
SMF 92 ENUM: zOTY.....	2715
SMF 92 ENUM: zCTY.....	2715
SMF 92 ENUM: zAction.....	2716
SMF 92 ENUM: zDTY.....	2716
SMF 92 ENUM: zATY.....	2716
SMF 92 ENUM: zCTY.....	2717
SMF 92 ENUM: zRVN.....	2717
SMF 94-1 ENUM: zVNO.....	2717
SMF 94-1 ENUM: zCopyMode.....	2718
SMF 94-1 ENUM: zOPM_DC11.....	2718
SMF 94-1 ENUM: zOPM_DC12.....	2719
SMF 94-1 ENUM: zOpMode.....	2719
SMF 94-1 ENUM: zPrefIQ.....	2720
SMF 94-1 ENUM: zPrefMastVTS.....	2721
SMF 94-1 ENUM: zVTS0LinkSpeed.....	2722

Contents

Appendix C: ENUM Values

SMF 94-1 ENUM: zVTS1LinkSpeed.....	2723
SMF 94-2 ENUM: zBPMIO.....	2724
SMF 94-2 ENUM: zFirstMedia.....	2725
SMF 94-2 ENUM: zPDCI.....	2725
SMF 94-2 ENUM: zSecondMedia.....	2726
SMF 98 ENUM: zPriorityBucket.....	2726
SMF 98 ENUM: zProcClass.....	2726
SMF 98 ENUM: zSubBucket.....	2727
SMF 98 ENUM: zType.....	2727
SMF 98 ENUM: zType.....	2727
SMF 98 ENUM: zType.....	2728
SMF 98 ENUM: zType.....	2728
SMF 98 ENUM: zType.....	2729
SMF 98 ENUM: zType.....	2729
SMF 98 ENUM: zProcClass.....	2729
SMF 99-1 ENUM: z_Boost_Class.....	2730
SMF 99-6 ENUM: zGOALTYPE.....	2730
SMF 100 ENUM: zSTATE1.....	2730
SMF 100 ENUM: zSTATE2.....	2731
SMF 100 ENUM: zFLG1.....	2731
SMF 100 ENUM: zRINV.....	2731
SMF 100 ENUM: zTYPTText.....	2732
SMF 100 ENUM: zATYPTText.....	2732
SMF 100 ENUM: zTYPTText.....	2733
SMF 100 ENUM: zTYPTText.....	2733
SMF 100 ENUM: zTYPTText.....	2733
SMF 100 ENUM: zIFCIDText.....	2734
SMF 100 ENUM: zTYPTText.....	2744
SMF 100 ENUM: zTYPTText.....	2744
SMF 100 ENUM: zFLG1.....	2744
SMF 100 ENUM: zFLG1.....	2745
SMF 101 ENUM: zRINVdesc.....	2745
SMF 101 ENUM: zPRECText.....	2746
SMF 101 ENUM: zTYPTText.....	2746
SMF 101 ENUM: zATYPTText.....	2747
SMF 101 ENUM: zTYPTText.....	2747
SMF 101 ENUM: zTYPTText.....	2748
SMF 101 ENUM: zTYPTText.....	2748
SMF 101 ENUM: zIFCIDText.....	2749
SMF 101 ENUM: zTYPTText.....	2759
SMF 101 ENUM: zTYPTText.....	2759
SMF 102 ENUM: zAR.....	2760
SMF 102 ENUM: zDE.....	2760
SMF 102 ENUM: zDEL.....	2761
SMF 102 ENUM: zDFT.....	2761
SMF 102 ENUM: zENSc.....	2761
SMF 102 ENUM: zGRA.....	2761
SMF 102 ENUM: zSDEL.....	2762
SMF 102 ENUM: zSDFT.....	2762
SMF 102 ENUM: zTYPTText.....	2762
SMF 102 ENUM: zATYPTText.....	2763
SMF 102 ENUM: zTYPTText.....	2763
SMF 102 ENUM: zTYPTText.....	2764
SMF 102 ENUM: zTYPTText.....	2764
SMF 102 ENUM: zIFCIDText.....	2765
SMF 102 ENUM: zTYPTText.....	2775
SMF 102 ENUM: zTYPTText.....	2775
SMF 102 ENUM: zCQAC.....	2775
SMF 102 ENUM: zQACQ.....	2776
SMF 104 ENUM: zPLT.....	2776
SMF 106 ENUM: zCTP.....	2777
SMF 108-3 ENUM: zDBCACHE.....	2777
SMF 110-0 ENUM: zType.....	2777
SMF 110-0 ENUM: zFLJBType.....	2778
SMF 110-0 ENUM: zType.....	2778
SMF 110-0 ENUM: zDSType.....	2778
SMF 110-0 ENUM: zFLJBType.....	2779
SMF 110-0 ENUM: zRECFM.....	2779
SMF 110-0 ENUM: zType.....	2779
SMF 110-0 ENUM: zFLJBType.....	2780
SMF 110-0 ENUM: zType.....	2780
SMF 110-0 ENUM: zFLJBType.....	2780
SMF 110-0 ENUM: zType.....	2781
SMF 110-0 ENUM: zType.....	2781
SMF 110-0 ENUM: zType.....	2781
SMF 110-0 ENUM: zType.....	2781

Contents

Appendix C: ENUM Values

SMF 110-1 ENUM: zMNTYP.....	2782
SMF 110-1 ENUM: zTRAN_Facility.....	2782
SMF 110-1 ENUM: zTRAN_Origin.....	2783
SMF 110-1 ENUM: zTRAN_id.....	2784
SMF 110-1 ENUM: zOTRAN_Facility.....	2784
SMF 110-1 ENUM: zOTRAN_Origin.....	2785
SMF 110-1 ENUM: zOTRAN_id.....	2786
SMF 110-1 ENUM: zTERM_AM.....	2786
SMF 110-1 ENUM: zTERM_Assoc.....	2786
SMF 110-1 ENUM: zTERM_SessType.....	2787
SMF 110-1 ENUM: zTERM_Type.....	2787
SMF 110-1 ENUM: zTRAN_Facility.....	2789
SMF 110-1 ENUM: zTRAN_Origin.....	2790
SMF 110-1 ENUM: zTRAN_id.....	2791
SMF 110-1 ENUM: zOTRAN_Facility.....	2791
SMF 110-1 ENUM: zOTRAN_Origin.....	2792
SMF 110-1 ENUM: zOTRAN_id.....	2793
SMF 110-1 ENUM: zTERM_AM.....	2793
SMF 110-1 ENUM: zTERM_Assoc.....	2793
SMF 110-1 ENUM: zTERM_SessType.....	2794
SMF 110-1 ENUM: zTERM_Type.....	2794
SMF 110-1 ENUM: zTRAN_Facility.....	2796
SMF 110-1 ENUM: zTRAN_Origin.....	2797
SMF 110-1 ENUM: zTRAN_id.....	2798
SMF 110-1 ENUM: zOTRAN_Facility.....	2798
SMF 110-1 ENUM: zOTRAN_Origin.....	2799
SMF 110-1 ENUM: zOTRAN_id.....	2800
SMF 110-1 ENUM: zTERM_AM.....	2800
SMF 110-1 ENUM: zTERM_Assoc.....	2800
SMF 110-1 ENUM: zTERM_SessType.....	2801
SMF 110-1 ENUM: zTERM_Type.....	2801
SMF 110-1 ENUM: zTRAN_Facility.....	2803
SMF 110-1 ENUM: zTRAN_Origin.....	2804
SMF 110-1 ENUM: zTRAN_id.....	2805
SMF 110-1 ENUM: zOTRAN_Facility.....	2805
SMF 110-1 ENUM: zOTRAN_Origin.....	2806
SMF 110-1 ENUM: zOTRAN_id.....	2807
SMF 110-1 ENUM: zTERM_AM.....	2807
SMF 110-1 ENUM: zTERM_Assoc.....	2807
SMF 110-1 ENUM: zTERM_SessType.....	2808
SMF 110-1 ENUM: zTERM_Type.....	2808
SMF 110-1 ENUM: zTRAN_Facility.....	2810
SMF 110-1 ENUM: zTRAN_Origin.....	2811
SMF 110-1 ENUM: zTRAN_id.....	2812
SMF 110-1 ENUM: zOTRAN_Facility.....	2812
SMF 110-1 ENUM: zOTRAN_Origin.....	2813
SMF 110-1 ENUM: zOTRAN_id.....	2814
SMF 110-1 ENUM: zTERM_AM.....	2814
SMF 110-1 ENUM: zTERM_Assoc.....	2814
SMF 110-1 ENUM: zTERM_SessType.....	2815
SMF 110-1 ENUM: zTERM_Type.....	2815
SMF 110-1 ENUM: zTRAN_Facility.....	2817
SMF 110-1 ENUM: zTRAN_Origin.....	2818
SMF 110-1 ENUM: zTRAN_id.....	2819
SMF 110-1 ENUM: zOTRAN_Facility.....	2819
SMF 110-1 ENUM: zOTRAN_Origin.....	2820
SMF 110-1 ENUM: zOTRAN_id.....	2821
SMF 110-1 ENUM: zTERM_AM.....	2821
SMF 110-1 ENUM: zTERM_Assoc.....	2821
SMF 110-1 ENUM: zTERM_SessType.....	2822
SMF 110-1 ENUM: zTERM_Type.....	2822
SMF 110-1 ENUM: zTRAN_Facility.....	2824
SMF 110-1 ENUM: zTRAN_Origin.....	2825
SMF 110-1 ENUM: zTRAN_id.....	2826
SMF 110-1 ENUM: zCL.....	2826
SMF 110-1 ENUM: zOTRAN_Facility.....	2826
SMF 110-1 ENUM: zOTRAN_Origin.....	2827
SMF 110-1 ENUM: zOTRAN_id.....	2828
SMF 110-1 ENUM: zTERM_AM.....	2828
SMF 110-1 ENUM: zTERM_Assoc.....	2828
SMF 110-1 ENUM: zTERM_SessType.....	2829
SMF 110-1 ENUM: zTERM_Type.....	2829
SMF 110-1 ENUM: zTRAN_Facility.....	2831
SMF 110-1 ENUM: zTRAN_Origin.....	2832
SMF 110-1 ENUM: zTRAN_id.....	2833
SMF 110-2 ENUM: zID.....	2833

Contents

Appendix C: ENUM Values

SMF 110-2 ENUM: zATOMSERV_CHANGE_AGENT.....	2835
SMF 110-2 ENUM: zATOMSERV_INSTALL_AGENT.....	2835
SMF 110-2 ENUM: zATOMSERV_RESTYPE.....	2836
SMF 110-2 ENUM: zATOMSERV_TYPE.....	2836
SMF 110-2 ENUM: zID.....	2837
SMF 110-2 ENUM: zBUNDLE_CHANGE_AGENT.....	2839
SMF 110-2 ENUM: zBUNDLE_INSTALL_AGENT.....	2839
SMF 110-2 ENUM: zID.....	2840
SMF 110-2 ENUM: zCAPTURE_POINT_TYPE.....	2842
SMF 110-2 ENUM: zID.....	2842
SMF 110-2 ENUM: zDB2CONN_CHANGE_AGENT.....	2844
SMF 110-2 ENUM: zDB2CONN_INSTALL_AGENT.....	2844
SMF 110-2 ENUM: zID.....	2845
SMF 110-2 ENUM: zPOOL_ACCOUNTREC.....	2847
SMF 110-2 ENUM: zPOOL_AUTHTYPE.....	2847
SMF 110-2 ENUM: zPOOL_PRIORITY.....	2847
SMF 110-2 ENUM: zPOOL_THREADWAIT.....	2848
SMF 110-2 ENUM: zRESYNCMEMBER.....	2848
SMF 110-2 ENUM: zACCOUNTREC.....	2848
SMF 110-2 ENUM: zAUTHTYPE.....	2849
SMF 110-2 ENUM: zCHANGE_AGENT.....	2849
SMF 110-2 ENUM: zID.....	2850
SMF 110-2 ENUM: zINSTALL_AGENT.....	2852
SMF 110-2 ENUM: zPRIORITY.....	2852
SMF 110-2 ENUM: zTHREADWAIT.....	2852
SMF 110-2 ENUM: zID.....	2853
SMF 110-2 ENUM: zAPPEND_CRLF.....	2855
SMF 110-2 ENUM: zID.....	2855
SMF 110-2 ENUM: zTEMPLATE_CHANGE_AGENT.....	2857
SMF 110-2 ENUM: zTEMPLATE_CONTENTS.....	2857
SMF 110-2 ENUM: zTEMPLATE_INSTALL_AGENT.....	2858
SMF 110-2 ENUM: zTEMPLATE_TYPE.....	2858
SMF 110-2 ENUM: zID.....	2859
SMF 110-2 ENUM: zTCBMD.....	2861
SMF 110-2 ENUM: zTCBMP.....	2861
SMF 110-2 ENUM: zID.....	2862
SMF 110-2 ENUM: zID.....	2864
SMF 110-2 ENUM: zADAPTER_TYPE.....	2866
SMF 110-2 ENUM: zADA_CHANGE_AGENT.....	2866
SMF 110-2 ENUM: zADA_INSTALL_AGENT.....	2867
SMF 110-2 ENUM: zEMISSION_MODE.....	2867
SMF 110-2 ENUM: zID.....	2868
SMF 110-2 ENUM: zID.....	2870
SMF 110-2 ENUM: zEB_CHANGE_AGENT.....	2872
SMF 110-2 ENUM: zEB_INSTALL_AGENT.....	2872
SMF 110-2 ENUM: zID.....	2873
SMF 110-2 ENUM: zID.....	2875
SMF 110-2 ENUM: zID.....	2877
SMF 110-2 ENUM: zID.....	2879
SMF 110-2 ENUM: zID.....	2881
SMF 110-2 ENUM: zID.....	2883
SMF 110-2 ENUM: zFILE_CHANGE_AGENT.....	2885
SMF 110-2 ENUM: zFILE_INSTALL_AGENT.....	2886
SMF 110-2 ENUM: zID.....	2886
SMF 110-2 ENUM: zID.....	2889
SMF 110-2 ENUM: zIPCONN_CHANGE_AGENT.....	2891
SMF 110-2 ENUM: zIPCONN_INSTALL_AGENT.....	2891
SMF 110-2 ENUM: zIPCONN_IP_FAMILY.....	2891
SMF 110-2 ENUM: zLINKAUTH.....	2892
SMF 110-2 ENUM: zMIRRORLIFE.....	2892
SMF 110-2 ENUM: zSSL_SUPPORT.....	2892
SMF 110-2 ENUM: zUSERAUTH.....	2892
SMF 110-2 ENUM: zID.....	2893
SMF 110-2 ENUM: zACCM.....	2895
SMF 110-2 ENUM: zCHANGE_AGENT.....	2895
SMF 110-2 ENUM: zEFLGS.....	2895
SMF 110-2 ENUM: zID.....	2896
SMF 110-2 ENUM: zINSTALL_AGENT.....	2898
SMF 110-2 ENUM: zID.....	2898
SMF 110-2 ENUM: zID.....	2901
SMF 110-2 ENUM: zJVMPROGRAM_ENTRYPOINT.....	2903
SMF 110-2 ENUM: zJVMPROGRAM_EXEC_KEY.....	2903
SMF 110-2 ENUM: zID.....	2904
SMF 110-2 ENUM: zJVMSERVER_CHANGE_AGENT.....	2906
SMF 110-2 ENUM: zJVMSERVER_INSTALL_AGENT.....	2906
SMF 110-2 ENUM: zJVMSERVER_STATE.....	2906

Contents

Appendix C: ENUM Values

SMF 110-2 ENUM: zID.....	2907
SMF 110-2 ENUM: zJVMPROGRAM_ENTRYPOINT.....	2909
SMF 110-2 ENUM: zJVMPROGRAM_EXEC_KEY.....	2909
SMF 110-2 ENUM: LIBRARY_CHANGE_AGENT.....	2909
SMF 110-2 ENUM: LIBRARY_CRITICAL.....	2910
SMF 110-2 ENUM: LIBRARY_ENABLE_STATUS.....	2910
SMF 110-2 ENUM: LIBRARY_INSTALL_AGENT.....	2910
SMF 110-2 ENUM: zID.....	2911
SMF 110-2 ENUM: LIBRARY_CHANGE_AGENT.....	2913
SMF 110-2 ENUM: LIBRARY_CRITICAL.....	2913
SMF 110-2 ENUM: LIBRARY_ENABLE_STATUS.....	2913
SMF 110-2 ENUM: LIBRARY_INSTALL_AGENT.....	2914
SMF 110-2 ENUM: zID.....	2914
SMF 110-2 ENUM: zID.....	2916
SMF 110-2 ENUM: zID.....	2919
SMF 110-2 ENUM: zDSAINDEX.....	2921
SMF 110-2 ENUM: zID.....	2921
SMF 110-2 ENUM: zID.....	2924
SMF 110-2 ENUM: zJTYPE.....	2926
SMF 110-2 ENUM: zID.....	2926
SMF 110-2 ENUM: zAUTODel.....	2928
SMF 110-2 ENUM: zDASDOnly.....	2928
SMF 110-2 ENUM: zID.....	2929
SMF 110-2 ENUM: zSYSLog.....	2931
SMF 110-2 ENUM: zID.....	2931
SMF 110-2 ENUM: zMonstatus.....	2933
SMF 110-2 ENUM: zMqmon_change_agent.....	2933
SMF 110-2 ENUM: zMqmon_install_agent.....	2934
SMF 110-2 ENUM: zConnection_status.....	2934
SMF 110-2 ENUM: zID.....	2935
SMF 110-2 ENUM: zMqconn_change_agent.....	2937
SMF 110-2 ENUM: zMqconn_install_agent.....	2937
SMF 110-2 ENUM: zResyncmember.....	2937
SMF 110-2 ENUM: zID.....	2938
SMF 110-2 ENUM: zMRCMP.....	2940
SMF 110-2 ENUM: zWLMCC.....	2940
SMF 110-2 ENUM: zWLMGM.....	2940
SMF 110-2 ENUM: zWLMGT.....	2941
SMF 110-2 ENUM: zWLMMD.....	2941
SMF 110-2 ENUM: zWLMST.....	2941
SMF 110-2 ENUM: zID.....	2942
SMF 110-2 ENUM: zOTRAN_Facility.....	2944
SMF 110-2 ENUM: zOTRAN_Origin.....	2945
SMF 110-2 ENUM: zOTRAN_id.....	2946
SMF 110-2 ENUM: zTERM_AM.....	2946
SMF 110-2 ENUM: zTERM_Assoc.....	2946
SMF 110-2 ENUM: zTERM_SessType.....	2947
SMF 110-2 ENUM: zTERM_Type.....	2947
SMF 110-2 ENUM: zTRAN_Facility.....	2949
SMF 110-2 ENUM: zTRAN_Origin.....	2950
SMF 110-2 ENUM: zTRAN_id.....	2951
SMF 110-2 ENUM: zID.....	2951
SMF 110-2 ENUM: zID.....	2954
SMF 110-2 ENUM: zJSON_JAVA_PARSER.....	2956
SMF 110-2 ENUM: zPIPELINE_CHANGE_AGENT.....	2956
SMF 110-2 ENUM: zPIPELINE_INSTALL_AGENT.....	2956
SMF 110-2 ENUM: zPIPELINE_MODE.....	2957
SMF 110-2 ENUM: zID.....	2957
SMF 110-2 ENUM: zID.....	2959
SMF 110-2 ENUM: zPROGRAM_API.....	2961
SMF 110-2 ENUM: zPROGRAM_CHANGE_AGENT.....	2961
SMF 110-2 ENUM: zPROGRAM_CONCURRENCY.....	2962
SMF 110-2 ENUM: zPROGRAM_DATA_LOC.....	2962
SMF 110-2 ENUM: zPROGRAM_DYNAMIC.....	2962
SMF 110-2 ENUM: zPROGRAM_ENTRYPOINT.....	2962
SMF 110-2 ENUM: zPROGRAM_EXEC_KEY.....	2963
SMF 110-2 ENUM: zPROGRAM_INSTALL_AGENT.....	2963
SMF 110-2 ENUM: zPROGRAM_JVM.....	2963
SMF 110-2 ENUM: zPROGRAM_LANGUAGE.....	2964
SMF 110-2 ENUM: zPROGRAM_LANG_DEDUCED.....	2964
SMF 110-2 ENUM: zPROGRAM_REMOTE.....	2964
SMF 110-2 ENUM: zPROGRAM_RUNTIME_ENV.....	2965
SMF 110-2 ENUM: zPROGRAM_TYPE.....	2965
SMF 110-2 ENUM: zID.....	2966
SMF 110-2 ENUM: zLOCN.....	2968

Contents

Appendix C: ENUM Values

SMF 110-2 ENUM: zID.....	2969
SMF 110-2 ENUM: zID.....	2971
SMF 110-2 ENUM: zPROGRAM_API.....	2973
SMF 110-2 ENUM: zPROGRAM_CHANGE_AGENT.....	2973
SMF 110-2 ENUM: zPROGRAM_CONCURRENCY.....	2973
SMF 110-2 ENUM: zPROGRAM_DATA_LOC.....	2974
SMF 110-2 ENUM: zPROGRAM_DYNAMIC.....	2974
SMF 110-2 ENUM: zPROGRAM_ENTRYPOINT.....	2974
SMF 110-2 ENUM: zPROGRAM_EXECUTION_SET.....	2974
SMF 110-2 ENUM: zPROGRAM_EXEC_KEY.....	2975
SMF 110-2 ENUM: zPROGRAM_INSTALL_AGENT.....	2975
SMF 110-2 ENUM: zPROGRAM_JVM.....	2975
SMF 110-2 ENUM: zPROGRAM_LANGUAGE.....	2976
SMF 110-2 ENUM: zPROGRAM_LANG_DEDEDUCED.....	2976
SMF 110-2 ENUM: zPROGRAM_REMOTE.....	2976
SMF 110-2 ENUM: zPROGRAM_RUNTIME_ENV.....	2977
SMF 110-2 ENUM: zPROGRAM_TYPE.....	2977
SMF 110-2 ENUM: zID.....	2978
SMF 110-2 ENUM: zLOCN.....	2980
SMF 110-2 ENUM: zID.....	2981
SMF 110-2 ENUM: zID.....	2983
SMF 110-2 ENUM: zACCESS.....	2985
SMF 110-2 ENUM: zDSAINDEX.....	2985
SMF 110-2 ENUM: zID.....	2986
SMF 110-2 ENUM: zLOCN.....	2988
SMF 110-2 ENUM: zMEMLIMITSrc.....	2988
SMF 110-2 ENUM: zRENTPGM.....	2988
SMF 110-2 ENUM: zSTGPROT.....	2989
SMF 110-2 ENUM: zTRANISO.....	2989
SMF 110-2 ENUM: zACCESS.....	2989
SMF 110-2 ENUM: zDSAINDEX.....	2989
SMF 110-2 ENUM: zID.....	2990
SMF 110-2 ENUM: zLOCN.....	2992
SMF 110-2 ENUM: zACCESS.....	2992
SMF 110-2 ENUM: zDSAINDEX.....	2992
SMF 110-2 ENUM: zETYPE.....	2993
SMF 110-2 ENUM: zID.....	2993
SMF 110-2 ENUM: zLOCN.....	2995
SMF 110-2 ENUM: zID.....	2996
SMF 110-2 ENUM: zID.....	2998
SMF 110-2 ENUM: zID.....	3000
SMF 110-2 ENUM: zPAUSING_HTTP_LISTENING.....	3002
SMF 110-2 ENUM: zSOTUNING.....	3002
SMF 110-2 ENUM: zSSLCACHE.....	3002
SMF 110-2 ENUM: zSTOPPING_PERSISTENCE.....	3003
SMF 110-2 ENUM: zATTACHSEC.....	3003
SMF 110-2 ENUM: zAUTHENTICATE.....	3003
SMF 110-2 ENUM: zCHANGE_AGENT.....	3004
SMF 110-2 ENUM: zID.....	3004
SMF 110-2 ENUM: zINSTALL_AGENT.....	3006
SMF 110-2 ENUM: zIP_FAMILY.....	3006
SMF 110-2 ENUM: zPRIVACY.....	3007
SMF 110-2 ENUM: zSSL_SUPPORT.....	3007
SMF 110-2 ENUM: zID.....	3008
SMF 110-2 ENUM: zCHANGE_AGENT.....	3010
SMF 110-2 ENUM: zFTYPE.....	3010
SMF 110-2 ENUM: zID.....	3011
SMF 110-2 ENUM: zINSTALL_AGENT.....	3013
SMF 110-2 ENUM: zIOTYP.....	3013
SMF 110-2 ENUM: zQTYPE.....	3013
SMF 110-2 ENUM: zRTYPE.....	3014
SMF 110-2 ENUM: zWAIT.....	3014
SMF 110-2 ENUM: zWAITA.....	3014
SMF 110-2 ENUM: zID.....	3015
SMF 110-2 ENUM: zID.....	3017
SMF 110-2 ENUM: zID.....	3019
SMF 110-2 ENUM: zID.....	3021
SMF 110-2 ENUM: zTETT.....	3023
SMF 110-2 ENUM: zID.....	3025
SMF 110-2 ENUM: zID.....	3027
SMF 110-2 ENUM: zID.....	3029
SMF 110-2 ENUM: zCHANGE_AGENT.....	3031
SMF 110-2 ENUM: zID.....	3032
SMF 110-2 ENUM: zINSTALL_AGENT.....	3034
SMF 110-2 ENUM: zCHANGE_AGENT.....	3034
SMF 110-2 ENUM: zENTRYPOINT.....	3034

Contents

Appendix C: ENUM Values

SMF 110-2 ENUM: zID.....	3035
SMF 110-2 ENUM: zINSTALL_AGENT.....	3037
SMF 110-2 ENUM: zID.....	3037
SMF 110-2 ENUM: zID.....	3040
SMF 110-2 ENUM: zURIMAP_ANALYZER_USE.....	3042
SMF 110-2 ENUM: zURIMAP_AUTHENTICATE.....	3042
SMF 110-2 ENUM: zURIMAP_CHANGE_AGENT.....	3042
SMF 110-2 ENUM: zURIMAP_ENTRYPOINT.....	3043
SMF 110-2 ENUM: zURIMAP_INSTALL_AGENT.....	3043
SMF 110-2 ENUM: zURIMAP_IP_FAMILY.....	3043
SMF 110-2 ENUM: zURIMAP_REDIRECT_TYPE.....	3043
SMF 110-2 ENUM: zURIMAP_SCHEME.....	3044
SMF 110-2 ENUM: zURIMAP_USAGE.....	3044
SMF 110-2 ENUM: zID.....	3045
SMF 110-2 ENUM: zID.....	3047
SMF 110-2 ENUM: zMSG_VALIDATION.....	3049
SMF 110-2 ENUM: zPROGRAM_INTERFACE.....	3049
SMF 110-2 ENUM: zWEBSERVICE_CHANGE_AGENT.....	3049
SMF 110-2 ENUM: zWEBSERVICE_INSTALL_AGENT.....	3050
SMF 110-2 ENUM: zID.....	3050
SMF 110-2 ENUM: zMSG_VALIDATION.....	3052
SMF 110-2 ENUM: zXMLTRNFM_CHANGE_AGENT.....	3052
SMF 110-2 ENUM: zXMLTRNFM_INSTALL_AGENT.....	3053
SMF 110-2 ENUM: zBMVL.....	3053
SMF 110-2 ENUM: zID.....	3054
SMF 110-3 ENUM: zID.....	3056
SMF 110-3 ENUM: zID.....	3058
SMF 110-3 ENUM: zID.....	3060
SMF 110-4 ENUM: zID.....	3062
SMF 110-4 ENUM: zID.....	3064
SMF 110-4 ENUM: zID.....	3067
SMF 110-4 ENUM: zID.....	3069
SMF 110-5 ENUM: zID.....	3071
SMF 110-5 ENUM: zID.....	3073
SMF 111 ENUM: zRECORDID.....	3075
SMF 111 ENUM: zRECORDID.....	3075
SMF 111 ENUM: zRECORDID.....	3075
SMF 111 ENUM: zRECORDID.....	3076
SMF 111 ENUM: zRECORDID.....	3076
SMF 111 ENUM: zSTATTYPE.....	3076
SMF 111 ENUM: zRECORDID.....	3076
SMF 111 ENUM: zRECORDID.....	3077
SMF 111 ENUM: zRECORDID.....	3077
SMF 111 ENUM: zRECORDID.....	3077
SMF 111 ENUM: zRECORDID.....	3077
SMF 111 ENUM: zRECORDID.....	3077
SMF 113 ENUM: zCpuProcClass.....	3078
SMF 113 ENUM: zCSType.....	3078
SMF 113 ENUM: zCpuProcClass.....	3078
SMF 113 ENUM: zCST.....	3079
SMF 115-1 ENUM: zHTYP.....	3079
SMF 115-1 ENUM: zHTYP.....	3079
SMF 115-2 ENUM: zHTYP.....	3080
SMF 115-2 ENUM: zHTYP.....	3080
SMF 115-201 ENUM: zHTYP.....	3080
SMF 115-201 ENUM: zHTYP.....	3081
SMF 115-215 ENUM: zHTYP.....	3081
SMF 115-215 ENUM: zHTYP.....	3081
SMF 115-231 ENUM: zHTYP.....	3082
SMF 115-231 ENUM: zHTYP.....	3082
SMF 116-0 ENUM: zRINV.....	3083
SMF 116-0 ENUM: zCTYP.....	3083
SMF 116-0 ENUM: zHTYP.....	3084
SMF 116-1 ENUM: zCTYP.....	3084
SMF 116-1 ENUM: zHTYP.....	3084
SMF 116-2 ENUM: zCTYP.....	3085
SMF 116-2 ENUM: zHTYP.....	3085
SMF 116-10 ENUM: zHTYP.....	3085
SMF 117-1 ENUM: zSRC.....	3086
SMF 118-3 ENUM: zFTPid.....	3086
SMF 118-3 ENUM: zFormat.....	3086
SMF 118-3 ENUM: zMode.....	3087
SMF 118-3 ENUM: zStruct.....	3087
SMF 118-3 ENUM: zType.....	3087
SMF 118-5 ENUM: zFlag.....	3087
SMF 118-70 ENUM: zDSType.....	3088
SMF 118-70 ENUM: zFTPid.....	3088

Contents

Appendix C: ENUM Values

SMF 118-70 ENUM: zFormat.....	3088
SMF 118-70 ENUM: zMode.....	3088
SMF 118-70 ENUM: zStruct.....	3089
SMF 118-71 ENUM: zDSType.....	3089
SMF 118-71 ENUM: zFTPid.....	3089
SMF 118-71 ENUM: zFormat.....	3089
SMF 118-71 ENUM: zMode.....	3090
SMF 118-71 ENUM: zStruct.....	3090
SMF 118-72 ENUM: zDSType.....	3090
SMF 118-72 ENUM: zFTPid.....	3090
SMF 118-72 ENUM: zFormat.....	3091
SMF 118-72 ENUM: zMode.....	3091
SMF 118-72 ENUM: zStruct.....	3091
SMF 118-73 ENUM: zDSType.....	3091
SMF 118-73 ENUM: zFTPid.....	3092
SMF 118-73 ENUM: zFormat.....	3092
SMF 118-73 ENUM: zMode.....	3092
SMF 118-73 ENUM: zStruct.....	3092
SMF 118-74 ENUM: zDSType.....	3093
SMF 118-74 ENUM: zFTPid.....	3093
SMF 118-74 ENUM: zFormat.....	3093
SMF 118-74 ENUM: zMode.....	3093
SMF 118-74 ENUM: zStruct.....	3094
SMF 118-75 ENUM: zDSType.....	3094
SMF 118-75 ENUM: zFTPid.....	3094
SMF 118-75 ENUM: zFormat.....	3094
SMF 118-75 ENUM: zMode.....	3095
SMF 118-75 ENUM: zStruct.....	3095
SMF 119-1 ENUM: zReason.....	3095
SMF 119-2 ENUM: zReason.....	3096
SMF 119-2 ENUM: zSMCDReasonE.....	3097
SMF 119-2 ENUM: zSMCDStatus.....	3097
SMF 119-2 ENUM: zSMCRReasonE.....	3098
SMF 119-2 ENUM: zSMCRStatus.....	3098
SMF 119-2 ENUM: zStatus.....	3099
SMF 119-2 ENUM: zTTLSCS.....	3099
SMF 119-2 ENUM: zTTLSPS.....	3099
SMF 119-2 ENUM: zTermCode.....	3100
SMF 119-2 ENUM: zTLSFIPS140.....	3100
SMF 119-2 ENUM: zTLSSSLReuse.....	3101
SMF 119-2 ENUM: zTLSSecType.....	3101
SMF 119-2 ENUM: zINACT.....	3101
SMF 119-2 ENUM: zOUTACT.....	3102
SMF 119-2 ENUM: TTTelTermCode.....	3103
SMF 119-2 ENUM: zProtocol.....	3104
SMF 119-3 ENUM: zDsType.....	3104
SMF 119-3 ENUM: zMode.....	3104
SMF 119-3 ENUM: zStruct.....	3104
SMF 119-3 ENUM: zType.....	3105
SMF 119-3 ENUM: zProtocol.....	3105
SMF 119-3 ENUM: zCProtect.....	3105
SMF 119-3 ENUM: zDProtect.....	3106
SMF 119-3 ENUM: zFips140.....	3106
SMF 119-3 ENUM: zLoginMech.....	3106
SMF 119-3 ENUM: zMechanism.....	3107
SMF 119-3 ENUM: zSessReuse.....	3107
SMF 119-3 ENUM: zReason.....	3107
SMF 119-4 ENUM: zDistMethod.....	3108
SMF 119-4 ENUM: zType.....	3108
SMF 119-4 ENUM: zAdjDVMS.....	3108
SMF 119-4 ENUM: zAutolQDC.....	3109
SMF 119-4 ENUM: zAutolQDX.....	3109
SMF 119-4 ENUM: zDirection.....	3109
SMF 119-4 ENUM: zProto.....	3110
SMF 119-4 ENUM: zRoutingType.....	3110
SMF 119-4 ENUM: zIgnRedirectRsn.....	3110
SMF 119-4 ENUM: zIgnRedirectRsn.....	3111
SMF 119-4 ENUM: zType.....	3111
SMF 119-4 ENUM: zReason.....	3111
SMF 119-4 ENUM: zChplIDType.....	3112
SMF 119-4 ENUM: zInbPerfType.....	3112
SMF 119-4 ENUM: zReadStorType.....	3112
SMF 119-4 ENUM: zRtrType.....	3113
SMF 119-4 ENUM: zTempPfxType.....	3113
SMF 119-4 ENUM: zType.....	3113
SMF 119-4 ENUM: zCache.....	3114

Contents

Appendix C: ENUM Values

SMF 119-4 ENUM: zUseType.....	3114
SMF 119-4 ENUM: zChangeRsn.....	3114
SMF 119-4 ENUM: zType.....	3114
SMF 119-5 ENUM: zReason.....	3115
SMF 119-6 ENUM: zReason.....	3115
SMF 119-7 ENUM: zReason.....	3116
SMF 119-8 ENUM: zReason.....	3116
SMF 119-8 ENUM: zType.....	3116
SMF 119-10 ENUM: zReason.....	3117
SMF 119-10 ENUM: zReason.....	3117
SMF 119-10 ENUM: zType.....	3117
SMF 119-11 ENUM: zReason.....	3118
SMF 119-11 ENUM: zDN_Type.....	3118
SMF 119-11 ENUM: zAuthAlg.....	3119
SMF 119-11 ENUM: zAuthProto.....	3119
SMF 119-11 ENUM: zEncAlg.....	3120
SMF 119-11 ENUM: zEncapMode.....	3121
SMF 119-11 ENUM: zIKETunAuthAlg.....	3122
SMF 119-11 ENUM: zIKETunDHGroup.....	3123
SMF 119-11 ENUM: zIKETunEncAlg.....	3124
SMF 119-11 ENUM: zIKETunLclAuthMeth.....	3125
SMF 119-11 ENUM: zIKETunPseudoRFunc.....	3126
SMF 119-11 ENUM: zIKETunRmtAuthMeth.....	3126
SMF 119-11 ENUM: zLclCert_Digest_Alg.....	3127
SMF 119-11 ENUM: zLclCert_Enc_Meth.....	3127
SMF 119-11 ENUM: zLclCert_Key_Type.....	3127
SMF 119-11 ENUM: zLclCert_Sign_Meth.....	3128
SMF 119-11 ENUM: zLclCert_Time_Type.....	3128
SMF 119-11 ENUM: zPFSGroup.....	3129
SMF 119-11 ENUM: zRmtCert_Digest_Alg.....	3129
SMF 119-11 ENUM: zRmtCert_Enc_Meth.....	3130
SMF 119-11 ENUM: zRmtCert_Key_Type.....	3130
SMF 119-11 ENUM: zRmtCert_Sign_Meth.....	3131
SMF 119-11 ENUM: zRmtCert_Time_Type.....	3131
SMF 119-11 ENUM: zTunState.....	3132
SMF 119-11 ENUM: zTunType.....	3132
SMF 119-11 ENUM: zInbAct.....	3132
SMF 119-11 ENUM: zOutAct.....	3132
SMF 119-11 ENUM: zAuth_Method.....	3133
SMF 119-11 ENUM: zAuth_Method2.....	3133
SMF 119-11 ENUM: zCCert_Digest_Alg.....	3134
SMF 119-11 ENUM: zCCert_Enc_Method.....	3134
SMF 119-11 ENUM: zCCert_Key_Type.....	3134
SMF 119-11 ENUM: zCCert_Sig_Method.....	3135
SMF 119-11 ENUM: zCCert_Time_Type.....	3135
SMF 119-11 ENUM: zCKey_Type.....	3136
SMF 119-11 ENUM: zFIPS_Mode.....	3136
SMF 119-11 ENUM: zIn_Enc_Alg.....	3137
SMF 119-11 ENUM: zIn_Msg_Auth.....	3139
SMF 119-11 ENUM: zKex_Method.....	3140
SMF 119-11 ENUM: zOut_Enc_Alg.....	3141
SMF 119-11 ENUM: zOut_Msg_Auth.....	3143
SMF 119-11 ENUM: zProt_Ver.....	3143
SMF 119-11 ENUM: zSCert_Digest_Alg.....	3144
SMF 119-11 ENUM: zSCert_Enc_Method.....	3144
SMF 119-11 ENUM: zSCert_Key_Type.....	3144
SMF 119-11 ENUM: zSCert_Sig_Method.....	3145
SMF 119-11 ENUM: zSCert_Time_Type.....	3145
SMF 119-11 ENUM: zSKey_Type.....	3146
SMF 119-11 ENUM: zSource.....	3146
SMF 119-11 ENUM: zCCert_Digest_Alg.....	3147
SMF 119-11 ENUM: zCCert_Enc_Method.....	3147
SMF 119-11 ENUM: zCCert_Key_Type.....	3147
SMF 119-11 ENUM: zCCert_Sig_Method.....	3148
SMF 119-11 ENUM: zCCert_Time_Type.....	3148
SMF 119-11 ENUM: zCS_Enc_Alg.....	3149
SMF 119-11 ENUM: zCS_Kex_Alg.....	3151
SMF 119-11 ENUM: zCS_Msg_Auth.....	3152
SMF 119-11 ENUM: zFIPS_Mode.....	3152
SMF 119-11 ENUM: zHandshake_Role.....	3153
SMF 119-11 ENUM: zHandshake_Type.....	3153
SMF 119-11 ENUM: zProt_Ver.....	3153
SMF 119-11 ENUM: zSCert_Digest_Alg.....	3154
SMF 119-11 ENUM: zSCert_Enc_Method.....	3154
SMF 119-11 ENUM: zSCert_Key_Type.....	3154
SMF 119-11 ENUM: zSCert_Sig_Method.....	3155

Contents

Appendix C: ENUM Values

SMF 119-11 ENUM: zSCert_Time_Type.....	3155
SMF 119-11 ENUM: zSource.....	3156
SMF 119-11 ENUM: zEvent_Type.....	3156
SMF 119-11 ENUM: zIPProto.....	3156
SMF 119-12 ENUM: zReason.....	3157
SMF 119-12 ENUM: zDN_Type.....	3157
SMF 119-12 ENUM: zAuthAlg.....	3158
SMF 119-12 ENUM: zAuthProto.....	3158
SMF 119-12 ENUM: zEncAlg.....	3159
SMF 119-12 ENUM: zEncapMode.....	3160
SMF 119-12 ENUM: zIKETunAuthAlg.....	3161
SMF 119-12 ENUM: zIKETunDHGroup.....	3162
SMF 119-12 ENUM: zIKETunEncAlg.....	3163
SMF 119-12 ENUM: zIKETunLclAuthMeth.....	3164
SMF 119-12 ENUM: zIKETunPseudoRFunc.....	3165
SMF 119-12 ENUM: zIKETunRmtAuthMeth.....	3165
SMF 119-12 ENUM: zLclCert_Digest_Algo.....	3166
SMF 119-12 ENUM: zLclCert_Enc_Meth.....	3166
SMF 119-12 ENUM: zLclCert_Key_Type.....	3166
SMF 119-12 ENUM: zLclCert_Sign_Meth.....	3167
SMF 119-12 ENUM: zPFSGroup.....	3168
SMF 119-12 ENUM: zRmtCert_Digest_Algo.....	3168
SMF 119-12 ENUM: zRmtCert_Enc_Meth.....	3169
SMF 119-12 ENUM: zRmtCert_Key_Type.....	3169
SMF 119-12 ENUM: zRmtCert_Sign_Meth.....	3170
SMF 119-12 ENUM: zAuth_Method.....	3171
SMF 119-12 ENUM: zAuth_Method2.....	3171
SMF 119-12 ENUM: zCCert_Digest_Algo.....	3172
SMF 119-12 ENUM: zCCert_Enc_Method.....	3172
SMF 119-12 ENUM: zCCert_Key_Type.....	3172
SMF 119-12 ENUM: zCCert_Sig_Method.....	3173
SMF 119-12 ENUM: zCKey_Type.....	3174
SMF 119-12 ENUM: zIn_Enc_Algo.....	3175
SMF 119-12 ENUM: zIn_Msg_Auth.....	3177
SMF 119-12 ENUM: zKex_Method.....	3178
SMF 119-12 ENUM: zOut_Enc_Algo.....	3179
SMF 119-12 ENUM: zOut_Msg_Auth.....	3181
SMF 119-12 ENUM: zProt_Ver.....	3181
SMF 119-12 ENUM: zSCert_Digest_Algo.....	3182
SMF 119-12 ENUM: zSCert_Enc_Method.....	3182
SMF 119-12 ENUM: zSCert_Key_Type.....	3182
SMF 119-12 ENUM: zSCert_Sig_Method.....	3183
SMF 119-12 ENUM: zSKey_Type.....	3184
SMF 119-12 ENUM: zSource.....	3184
SMF 119-12 ENUM: zCCert_Digest_Algo.....	3185
SMF 119-12 ENUM: zCCert_Enc_Method.....	3185
SMF 119-12 ENUM: zCCert_Key_Type.....	3185
SMF 119-12 ENUM: zCCert_Sig_Method.....	3186
SMF 119-12 ENUM: zCS_Enc_Algo.....	3187
SMF 119-12 ENUM: zCS_Kex_Algo.....	3189
SMF 119-12 ENUM: zCS_Msg_Auth.....	3190
SMF 119-12 ENUM: zProt_Ver.....	3190
SMF 119-12 ENUM: zSCert_Digest_Algo.....	3191
SMF 119-12 ENUM: zSCert_Enc_Method.....	3191
SMF 119-12 ENUM: zSCert_Key_Type.....	3191
SMF 119-12 ENUM: zSCert_Sig_Method.....	3192
SMF 119-12 ENUM: zSource.....	3192
SMF 119-12 ENUM: zEvent_Type.....	3193
SMF 119-12 ENUM: zIPProto.....	3193
SMF 119-12 ENUM: zSecProtos.....	3193
SMF 119-20 ENUM: zReason.....	3194
SMF 119-21 ENUM: zReason.....	3194
SMF 119-21 ENUM: zRDR.....	3194
SMF 119-21 ENUM: zLUSel.....	3195
SMF 119-21 ENUM: zSSL.....	3195
SMF 119-21 ENUM: zSType.....	3195
SMF 119-22 ENUM: zReason.....	3196
SMF 119-23 ENUM: zReason.....	3196
SMF 119-24 ENUM: zFamily.....	3196
SMF 119-24 ENUM: zType.....	3197
SMF 119-24 ENUM: zFamily.....	3197
SMF 119-24 ENUM: zFamily.....	3197
SMF 119-24 ENUM: zType.....	3198
SMF 119-24 ENUM: zReason.....	3198
SMF 119-24 ENUM: zFamily.....	3199
SMF 119-24 ENUM: zFamily.....	3199

Contents

Appendix C: ENUM Values

SMF 119-24 ENUM: zType.....	3199
SMF 119-24 ENUM: zFamily.....	3200
SMF 119-24 ENUM: zType.....	3200
SMF 119-24 ENUM: zFamily.....	3200
SMF 119-24 ENUM: zType.....	3201
SMF 119-24 ENUM: zDBG_ConfTrc_Route.....	3201
SMF 119-24 ENUM: zDBG_Conf_Route.....	3201
SMF 119-24 ENUM: zDBG_ConnTrc_Route.....	3202
SMF 119-24 ENUM: zDBG_Conn_Route.....	3202
SMF 119-24 ENUM: zDBG_Task_Route.....	3202
SMF 119-24 ENUM: zFamily.....	3202
SMF 119-24 ENUM: zType.....	3203
SMF 119-24 ENUM: zFamily.....	3203
SMF 119-24 ENUM: zType.....	3204
SMF 119-24 ENUM: zFamily.....	3204
SMF 119-24 ENUM: zType.....	3205
SMF 119-24 ENUM: zDBG_ConfTrc_Route.....	3205
SMF 119-24 ENUM: zDBG_Conf_Route.....	3205
SMF 119-24 ENUM: zDBG_ConnTrc_Route.....	3206
SMF 119-24 ENUM: zDBG_Conn_Route.....	3206
SMF 119-24 ENUM: zDBG_Task_Route.....	3206
SMF 119-24 ENUM: zFamily.....	3206
SMF 119-24 ENUM: zType.....	3207
SMF 119-32 ENUM: zOrigin.....	3207
SMF 119-32 ENUM: zStatus.....	3208
SMF 119-32 ENUM: zReason.....	3208
SMF 119-33 ENUM: zOrigin.....	3209
SMF 119-33 ENUM: zStatus.....	3209
SMF 119-33 ENUM: zReason.....	3210
SMF 119-34 ENUM: zReason.....	3210
SMF 119-35 ENUM: zReason.....	3211
SMF 119-36 ENUM: zReason.....	3211
SMF 119-37 ENUM: zReason.....	3212
SMF 119-38 ENUM: zReason.....	3212
SMF 119-39 ENUM: zReason.....	3213
SMF 119-40 ENUM: zReason.....	3213
SMF 119-41 ENUM: zReason.....	3214
SMF 119-42 ENUM: zReason.....	3214
SMF 119-43 ENUM: zReason.....	3215
SMF 119-44 ENUM: zReason.....	3215
SMF 119-44 ENUM: zGen.....	3215
SMF 119-45 ENUM: zReason.....	3216
SMF 119-48 ENUM: zKey.....	3216
SMF 119-48 ENUM: zBadSpool.....	3217
SMF 119-48 ENUM: zChkPnt.....	3217
SMF 119-48 ENUM: zDeadAct.....	3217
SMF 119-48 ENUM: zReport.....	3217
SMF 119-48 ENUM: zRtnTo.....	3218
SMF 119-48 ENUM: zUserExit.....	3218
SMF 119-48 ENUM: zSecure.....	3218
SMF 119-48 ENUM: zType.....	3218
SMF 119-48 ENUM: zReason.....	3219
SMF 119-49 ENUM: zTLSSFP.....	3219
SMF 119-49 ENUM: zTLSSSP.....	3219
SMF 119-49 ENUM: zTrmCd.....	3220
SMF 119-49 ENUM: zReason.....	3220
SMF 119-50 ENUM: zType.....	3221
SMF 119-50 ENUM: zKey.....	3221
SMF 119-50 ENUM: zReason.....	3222
SMF 119-51 ENUM: zUserExit.....	3222
SMF 119-51 ENUM: zRtnCd.....	3223
SMF 119-51 ENUM: zReason.....	3223
SMF 119-52 ENUM: zReason.....	3224
SMF 119-52 ENUM: zConnState.....	3224
SMF 119-70 ENUM: zDsType.....	3224
SMF 119-70 ENUM: zFT_FSOper.....	3225
SMF 119-70 ENUM: zMode.....	3225
SMF 119-70 ENUM: zStruct.....	3225
SMF 119-70 ENUM: zType.....	3226
SMF 119-70 ENUM: zCProtect.....	3226
SMF 119-70 ENUM: zDProtect.....	3226
SMF 119-70 ENUM: zFips140.....	3227
SMF 119-70 ENUM: zLoginMech.....	3227
SMF 119-70 ENUM: zMechanism.....	3227
SMF 119-70 ENUM: zSessReuse.....	3228
SMF 119-70 ENUM: zReason.....	3228

Contents

Appendix C: ENUM Values

SMF 119-71 ENUM: zKey.....	3229
SMF 119-71 ENUM: zCondDisp.....	3230
SMF 119-71 ENUM: zDSNType.....	3230
SMF 119-71 ENUM: zDebug.....	3231
SMF 119-71 ENUM: zEATTR.....	3232
SMF 119-71 ENUM: zEncoding.....	3232
SMF 119-71 ENUM: zExtensions.....	3232
SMF 119-71 ENUM: zFileType.....	3233
SMF 119-71 ENUM: zJESrefcm.....	3233
SMF 119-71 ENUM: zMBSendEOL.....	3233
SMF 119-71 ENUM: zPDSType.....	3233
SMF 119-71 ENUM: zPasvDataConn.....	3234
SMF 119-71 ENUM: zPortcmd.....	3234
SMF 119-71 ENUM: zPortcmdIPAddr.....	3234
SMF 119-71 ENUM: zPortcmdPort.....	3234
SMF 119-71 ENUM: zSBSEndEOL.....	3235
SMF 119-71 ENUM: zSecCtrConn.....	3235
SMF 119-71 ENUM: zSecDataConn.....	3235
SMF 119-71 ENUM: zSecFTP.....	3235
SMF 119-71 ENUM: zSecLogin.....	3236
SMF 119-71 ENUM: zSecPSW.....	3236
SMF 119-71 ENUM: zSecPSWKerb.....	3236
SMF 119-71 ENUM: zSecSessReuse.....	3236
SMF 119-71 ENUM: zSpaceType.....	3237
SMF 119-71 ENUM: zSqlcol.....	3237
SMF 119-71 ENUM: zStartDir.....	3237
SMF 119-71 ENUM: zTLSMec.....	3237
SMF 119-71 ENUM: zTLSRfcLevel.....	3238
SMF 119-71 ENUM: zUnFileSysBOM.....	3238
SMF 119-71 ENUM: zUnixFileType.....	3238
SMF 119-71 ENUM: zReason.....	3239
SMF 119-72 ENUM: zReason.....	3239
SMF 119-72 ENUM: zCProtect.....	3240
SMF 119-72 ENUM: zDProtect.....	3240
SMF 119-72 ENUM: zFips140.....	3240
SMF 119-72 ENUM: zLoginMech.....	3241
SMF 119-72 ENUM: zMechanism.....	3241
SMF 119-72 ENUM: zSessReuse.....	3241
SMF 119-72 ENUM: zReason.....	3242
SMF 119-73 ENUM: zAuthAlg.....	3242
SMF 119-73 ENUM: zEncryptAlg.....	3243
SMF 119-73 ENUM: zExchangeMode.....	3243
SMF 119-73 ENUM: zExtState.....	3243
SMF 119-73 ENUM: zLclNotAfterType.....	3243
SMF 119-73 ENUM: zLocalAuthMethod.....	3244
SMF 119-73 ENUM: zNATTLLevel.....	3244
SMF 119-73 ENUM: zPeerAuthMethod.....	3244
SMF 119-73 ENUM: zPseudoRandomFunc.....	3245
SMF 119-73 ENUM: zRmtNotAfterType.....	3245
SMF 119-73 ENUM: zRole.....	3245
SMF 119-73 ENUM: zState.....	3246
SMF 119-73 ENUM: zReason.....	3246
SMF 119-74 ENUM: zAuthAlg.....	3247
SMF 119-74 ENUM: zEncryptAlg.....	3247
SMF 119-74 ENUM: zExchangeMode.....	3248
SMF 119-74 ENUM: zExtState.....	3248
SMF 119-74 ENUM: zLclNotAfterType.....	3248
SMF 119-74 ENUM: zLocalAuthMethod.....	3249
SMF 119-74 ENUM: zNATTLLevel.....	3249
SMF 119-74 ENUM: zPeerAuthMethod.....	3249
SMF 119-74 ENUM: zPseudoRandomFunc.....	3250
SMF 119-74 ENUM: zRmtNotAfterType.....	3250
SMF 119-74 ENUM: zRole.....	3250
SMF 119-74 ENUM: zState.....	3251
SMF 119-74 ENUM: zReason.....	3251
SMF 119-75 ENUM: zActMethod.....	3251
SMF 119-75 ENUM: zExtState.....	3252
SMF 119-75 ENUM: zAuthAlg.....	3252
SMF 119-75 ENUM: zAuthProto.....	3253
SMF 119-75 ENUM: zEncapMode.....	3253
SMF 119-75 ENUM: zEncryptAlg.....	3253
SMF 119-75 ENUM: zState.....	3253
SMF 119-75 ENUM: zType.....	3254
SMF 119-75 ENUM: zReason.....	3254
SMF 119-76 ENUM: zActMethod.....	3254
SMF 119-76 ENUM: zExtState.....	3255

Contents

Appendix C: ENUM Values

SMF 119-76 ENUM: zAuthAlg.....	3255
SMF 119-76 ENUM: zAuthProto.....	3256
SMF 119-76 ENUM: zEncapMode.....	3256
SMF 119-76 ENUM: zEncryptAlg.....	3256
SMF 119-76 ENUM: zState.....	3256
SMF 119-76 ENUM: zType.....	3257
SMF 119-76 ENUM: zReason.....	3257
SMF 119-77 ENUM: zActMethod.....	3257
SMF 119-77 ENUM: zAuthAlg.....	3258
SMF 119-77 ENUM: zAuthProto.....	3258
SMF 119-77 ENUM: zEncapMode.....	3258
SMF 119-77 ENUM: zEncryptAlg.....	3259
SMF 119-77 ENUM: zState.....	3259
SMF 119-77 ENUM: zType.....	3259
SMF 119-77 ENUM: zReason.....	3260
SMF 119-78 ENUM: zActMethod.....	3260
SMF 119-78 ENUM: zAuthAlg.....	3261
SMF 119-78 ENUM: zAuthProto.....	3261
SMF 119-78 ENUM: zEncapMode.....	3261
SMF 119-78 ENUM: zEncryptAlg.....	3262
SMF 119-78 ENUM: zState.....	3262
SMF 119-78 ENUM: zType.....	3262
SMF 119-78 ENUM: zReason.....	3263
SMF 119-79 ENUM: zAuthAlg.....	3263
SMF 119-79 ENUM: zAuthProto.....	3264
SMF 119-79 ENUM: zEncapMode.....	3264
SMF 119-79 ENUM: zEncryptAlg.....	3264
SMF 119-79 ENUM: zState.....	3264
SMF 119-79 ENUM: zType.....	3265
SMF 119-79 ENUM: zReason.....	3265
SMF 119-80 ENUM: zAuthAlg.....	3266
SMF 119-80 ENUM: zAuthProto.....	3266
SMF 119-80 ENUM: zEncapMode.....	3266
SMF 119-80 ENUM: zEncryptAlg.....	3267
SMF 119-80 ENUM: zState.....	3267
SMF 119-80 ENUM: zType.....	3267
SMF 119-80 ENUM: zReason.....	3268
SMF 119-81 ENUM: zACTION.....	3268
SMF 119-81 ENUM: zReason.....	3269
SMF 120-1 ENUM: zCSO.....	3269
SMF 120-1 ENUM: zATY.....	3269
SMF 120-1 ENUM: zSTYe.....	3270
SMF 120-3 ENUM: zSTYe.....	3270
SMF 120-5 ENUM: zJB3.....	3271
SMF 120-5 ENUM: zJB7.....	3271
SMF 120-5 ENUM: zJM5.....	3271
SMF 120-5 ENUM: zSTYe.....	3272
SMF 120-6 ENUM: zJB3.....	3272
SMF 120-6 ENUM: zJB7.....	3273
SMF 120-6 ENUM: zJM5.....	3273
SMF 120-6 ENUM: zSTYe.....	3274
SMF 120-7 ENUM: zSTYe.....	3274
SMF 120-8 ENUM: zSTYe.....	3275
SMF 120-9 ENUM: zEU.....	3275
SMF 120-9 ENUM: zEM.....	3276
SMF 120-9 ENUM: zCK.....	3276
SMF 120-9 ENUM: zEQ.....	3277
SMF 120-9 ENUM: zSTYe.....	3277
SMF 120-9 ENUM: zFR.....	3277
SMF 120-9 ENUM: zFS.....	3278
SMF 120-9 ENUM: zFT.....	3278
SMF 120-9 ENUM: zFU.....	3278
SMF 120-10 ENUM: zCK.....	3279
SMF 120-10 ENUM: zSTYe.....	3279
SMF 123-1 ENUM: REQ_TYPE.....	3279
SMF 124-1 ENUM: zSTYe.....	3280
SMF 124-1 ENUM: zPortType.....	3280
SMF 124-1 ENUM: zReportSrc.....	3280
SMF 124-2 ENUM: zCHPIDCAPABILITY.....	3281
SMF 124-2 ENUM: zEPSEC_CURR.....	3281
SMF 124-2 ENUM: zREPORTSRC.....	3281
SMF 124-2 ENUM: zSTYe.....	3281
SMF 124-3 ENUM: zSTYe.....	3282
SMF 124-4 ENUM: zSTYe.....	3282
SMF 124-5 ENUM: zSTYe.....	3282
SMF 200 ENUM: zBackward.....	3283

Contents

Appendix C: ENUM Values

SMF 200 ENUM: zDisp.....	3283
SMF 200 ENUM: zOpen.....	3283
SMF 200 ENUM: zOpen.....	3283
SMF 200 ENUM: zTemp.....	3284
SMF 200 ENUM: zXMem.....	3284
SMF 200 ENUM: zSubTyps.....	3284
SMF 208 ENUM: zIPRCF.....	3285
SMF 208 ENUM: zOPRCF.....	3285
SMF 208 ENUM: zWKDVT.....	3286
SMF 208 ENUM: zCHINC.....	3286
SMF 208 ENUM: zCHOU.....	3286
SMF 208 ENUM: zCHSM.....	3287
SMF 208 ENUM: zSAS.....	3287
SMF 208 ENUM: zWKWDB.....	3287

Documentation Notes

First Edition, February 2019

Information in this document details use of the SMF record processing utilities provided by the **SELCOPY Product Suite** component, **SELCOPYi**.

Copyright in the whole and every part of this document and of the SELCOPY Product Suite system and programs, is owned by Compute (Bridgend) Ltd (hereinafter referred to as CBL), whose registered office is located at 8 Merthyr Mawr Road, Bridgend, Wales, UK, CF31 3NH, and who reserve the right to alter, at their convenience, the whole or any part of this document and/or the SELCOPY Product Suite system and programs.

SELCOPY Product Suite for z/OS, z/VM (CMS) and z/VSE operating systems, which includes SELCOPY, SLC, SELCOPYi and CBLVCAT, is available for download and install from www.cbl.com/selcdl.php.

The following publications for SELCOPY Product Suite and its component products are available in Adobe Acrobat PDF format at CBL web page www.cbl.com/documentation.php:

- SELCOPY Product Suite Customisation Guide
- SELCOPY User Manual
- SELCOPY C++ (SLC) Language Reference
- CBLVCAT User Manual
- SELCOPYi Reference and User Guide
- SELCOPYi Text Editor
- SELCOPYi Data Editor (SDE)
- SELCOPYi Quick Reference
- SELCOPYi SMF Utilities
- SELCOPYi Training Manual

No reproduction of the whole or any part of the SELCOPY Product Suite system and programs, or of this document, is to be made without prior written authority from Compute (Bridgend) Ltd.

At the time of publication, this document is believed to be correct. Where the program product differs from that stated herein, Compute (Bridgend) Ltd reserve the right to revise either the program or its documentation at their discretion. CBL do not warrant that upward compatibility will be maintained for any use made of this program product to perform any operation in a manner not documented within the user manual.

The following generic terms are used throughout this document to indicate all available versions and releases of IBM mainframe operating systems:

z/OS	-	z/OS, OS/390, MVS/ESA, MVS/XA, MVS/SP, OS.
z/VSE	-	z/VSE, VSE/ESA, VSE/SP, DOS.
z/VM CMS	-	z/VM, VM/ESA, VM/XA, VM/SP.
All	-	All z/OS, z/VSE and z/VM CMS operating systems.

Introduction

MVS System Management Facilities (SMF) may be configured and activated to collect and record system and job-related information. This information is organised into data records and written to the allocated SMF dataset (SYS1.MANx) or to a log stream.

Each of these SMF records is assigned a distinct record type number and has a well defined (though often complex) structure. This structure may comprise a number of sections where each section may occur once, many times or not at all within the record data of the specific SMF record type.

SELCOPYi supports utilities that process, extract and display relevant information from the records generated by SMF.

Overview

SELCOPYi SMF utilities are included within the SELCOPY product licence as part of SELCOPYi product element. The utilities use features provided by the SELCOPYi Structured Data Editor (SDE) to map field data within the SMF records.

Each section of data within an SMF record is treated as a record segment and SDE **segmented record** processing will be used to interpret and present the data. (See [Primary/Secondary Segments](#).)

The SELCOPYi product is distributed with libraries *hlq.SZZSDIST.SMFMAP* and *hlq.SZZSDIST.SDO*.

Library *hlq.SZZSDIST.SDO* contains SELCOPYi structures (SDO) that each map the layout of fields in an SMF record type (or sub-type) as defined by IBM SMF or individual product documentation. Members of library *hlq.SZZSDIST.SMFMAP* correspond to SDO structures of the same name in library *hlq.SZZSDIST.SDO*. These members contain the source SELCOPYi SDE **CREATE STRUCTURE** primary command syntax used to generate the corresponding SDO structure.

The SELCOPYi SMF utilities provide features to perform the following tasks:

1. Browse formatted SMF record segments in tabular or single format.
All standard Data Editor functionality for browsed data is available (e.g. Multiple views, FIND, EXCLUDE, ONLY, etc.)
2. Based on record selection criteria, write a dataset containing a subset of SMF records extracted from an on-line SMF dataset or from one or more SMF DUMP archive datasets.
3. Generate a text report from SMF record data using report definition syntax.
4. Generate CSV, XML or JSON output from SMF record data.
5. Filter SMF records on input to browse and report utilities based on selection criteria.
6. Support for many standard and product specific SMF record types.

Online/Offline SMF Records

Utility processing may occur directly on records in an on-line SMF dataset or on records in SMF DUMP (IFASMF DL or IFASMF DP) output. Processing records directly from an SMF log stream is not supported.

SELCOPYi SMF panel and utility programs have an option that identifies the input SMF dataset as being online or offline. The only difference being that online records have an additional 4-byte field at the start of each SMF record.

Note: Any application that processes records directly from an online SMF dataset may prevent successful execution of an IFASMF DP CLEAR operation (usually triggered by the IEFU29 exit) which requires exclusive access to the SMF dataset.

SMF Record Types

The SELCOPYi SMF library members map all fields belonging to each defined SMF record type.

The field names used to map the SMF record segments broadly follow naming conventions used in IBM publications except that the name prefix, common to fields within the same SMF record section, is replaced by "z". e.g. Field "**SMF17DSN**" in SMF record type 17 has a prefix of "**SMF017**" which is common to all fields in that record type. Therefore, it is assigned field name "**zDSN**" within the SELCOPYi structure for that record type.

The following table identifies the SMF records types currently supported by SELCOPYi SMF utilities. A full expansion of the SMF record fields mapped by each member may be found under [SMF Record Layouts](#).

Record Type		Description	Library Member Name
DEC	(HEX)		
00	(00)	IPL	T000
02	(02)	Dump Header	T002
03	(03)	Dump Trailer	T003
04	(04)	Step Termination	T004
05	(05)	Job Termination	T005
06	(06)	External Writer	T006
06	(06)	JES2 Output Writer	T006
06	(06)	JES3 Output Writer	T006
06	(06)	Print Services Facility	T006
06	(06)	IP PrintWay	T006
07	(07)	Data Lost	T007
08	(08)	I/O Configuration	T008
09	(09)	VARY Device ONLINE	T009
10	(0A)	Allocation Recovery	T010
11	(0B)	VARY Device OFFLINE	T011
14	(0E)	INPUT or RDBACK Data Set Activity	T014
15	(0F)	OUTPUT, UPDAT, INOUT, or OUTIN Data Set Activity	T015
16	(10)	DFSORT Statistics	T016
17	(11)	Scratch Dataset Status	T017
18	(12)	Rename Non-VSAM Dataset Status	T018
19	(13)	Direct Access Volume	T019
20	(14)	Job Initiation	T020
21	(15)	Tape Error	T021
22	(16)	Configuration	T022
23	(17)	SMF Status	T023
24	(18)	JES2 Spool Offload	T024
25	(19)	JES3 Device Allocation	T025
26	(1A)	JES2 Job Purge	T026
30	(1E)	Common Address Space Work	T030
32	(20)	TSO/E User Work Accounting	T032
33	(21)	APPC/MVS TP Accounting	T033
34	(22)	TS-Step Termination	T034
35	(23)	LOGOFF	T035
36	(24)	ICF Catalog Export	T036
40	(28)	Dynamic DD	T040
41	(29)	DIV Objects and VLF Statistics	T041
42	(2A)	DFSMS Statistics and Configuration	T042ST01, T042ST02, T042ST03, T042ST04, T042ST05, T042ST06, T042ST07, T042ST08, T042ST09, T042ST10, T042ST11, T042ST14, T042ST15, T042ST16, T042ST17, T042ST18, T042ST19, T042ST20, T042ST21, T042ST22, T042ST23, T042ST24, T042ST25, T042ST26, T042ST27
43	(2B)	JES Startup	T043
45	(2D)	JES Stop	T045
47	(2F)	JES SIGNON / Start Line	T047
48	(30)	JES SIGNOFF / Stop Line	T048
49	(31)	JES Integrity	T049
50	(32)	VTAM Tuning Statistics	T050
52	(34)	JES2 LOGON/Start Line (SNA)	T052
53	(35)	JES2 LOGOFF/Stop Line (SNA)	T053
54	(36)	JES2 Integrity (SNA)	T054
55	(37)	JES2 Network SIGNON	T055
56	(38)	JES2 Network Integrity	T056
57	(39)	JES2 Network SYSOUT Transmission	T057
58	(3A)	JES2 Network SIGNOFF	T058
59	(3B)	MVS/BDT File-to-File Transmission	T059
60	(3C)	VSAM volume dataset updated	T060

Record Type		Description	Library Member Name
DEC	(HEX)		
61	(3D)	Integrated Catalog Facility Define Activity	T061
62	(3E)	VSAM Component or Cluster Opened	T062
63	(3F)	VSAM Catalog Entry Defined	T063
64	(40)	VSAM Component or Cluster Status	T064
65	(41)	ICF Catalog Delete Activity	T065
66	(42)	ICF Catalog Alter Activity	T066
67	(43)	VSAM Catalog Entry Deleted	T067
68	(44)	VSAM Catalog Entry Renamed	T068
69	(45)	VSAM Data Space Defined, Extended or Deleted	T069
70	(46)	RMF Processor Activity	T070ST01, T070ST02
71	(47)	RMF Paging Activity	T071
72	(48)	Workload Activity, Storage Data, and Serialization Delay	T072ST03, T072ST04, T072ST05
73	(49)	RMF Channel Path Activity	T073
74	(4A)	RMF Activity of Several Resources	T074ST01, T074ST02, T074ST03, T074ST04, T074ST05, T074ST06, T074ST07, T074ST08, T074ST09, T074ST10
75	(4B)	RMF Page Data Set Activity	T075
76	(4C)	RMF Trace Activity	T076
77	(4D)	RMF Engueue Activity	T077
78	(4E)	RMF Virtual Storage and I/O Queuing Activity	T078ST02, T078ST03
79	(4F)	RMF Monitor II activity	T079ST01, T079ST02, T079ST03, T079ST04, T079ST05, T079ST06, T079ST07, T079ST09, T079ST11, T079ST12, T079ST14, T079ST15
80	(50)	Security Product Processing	T080
81	(51)	RACF Initialization	T081
82	(52)	Cryptography Services	T082
83	(53)	Security Events	T083
84	(54)	JES monitoring facility	T084ST21
85	(55)	OAM Transaction Performance	T085
86	(56)	CIM Server	T086
87	(57)	GRS Monitoring	T087
88	(58)	System Logger Data	T088ST01, T088ST11
89	(59)	Product Usage Data	T089
90	(5A)	System Status	T090
91	(5B)	BatchPipes Statistics	T091ST01, T091ST02, T091ST03, T091ST11, T091ST12, T091ST13, T091ST14, T091ST15
92	(5C)	HFS File System	T092
94	(5E)	Tape Library	T094ST01, T094ST02
96	(60)	Cross Memory Service Provider Charge Back	T096
97	(61)	Foreign Enclave Resource	T097
98	(62)	High Frequency Throughput Statistics (HFTS)	T098
99	(63)	System Resource Manager Decisions	T099ST01, T099ST02, T099ST03, T099ST04, T099ST05, T099ST06, T099ST07, T099ST08, T099ST09, T099ST10, T099ST11, T099ST12, T099ST14
100	(64)	DB2 Statistics	T100
101	(65)	DB2 Accounting	T101
102	(66)	DB2 Performance	T102
103	(67)	IBM HTTP Server	T103
104	(68)	RMF Distributed Platform Performance	T104
105	(69)	GDPS/Global Mirror	T105
106	(6A)	BCPii Activity	T106
108	(6C)	Domino Server Statistics	T108ST01, T108ST02, T108ST03, T108ST06
109	(6D)	TCPIP SYSLOGD Messages	T109
110	(6E)	CICS Transaction Server Statistics	T110ST00, T110ST01, T110ST02, T110ST03, T110ST04, T110ST05
111	(6F)	CICS Transaction Gateway Statistics	T111
113	(71)	Hardware Statistics	T113

Record Type		Description	Library Member Name
DEC	(HEX)		
115	(73)	MQSeries Statistics	T115ST01, T115ST02, T115S201, T115S215, T115S231
116	(74)	MQSeries Accounting	T116ST00, T116ST01, T116ST02, T116ST10
117	(75)	WebSphere Message Broker and IBM Integration Bus	T117ST01
118	(76)	TCPIP Statistics	T118ST01, T118ST02, T118ST03, T118ST04, T118ST05, T118ST20, T118ST21, T118ST70, T118ST71, T118ST72, T118ST73, T118ST74, T118ST75
119	(77)	TCPIP Statistics	T119ST01, T119ST02, T119ST03, T119ST04, T119ST05, T119ST06, T119ST07, T119ST08, T119ST10, T119ST11, T119ST12, T119ST20, T119ST21, T119ST22, T119ST23, T119ST24, T119ST32, T119ST33, T119ST34, T119ST35, T119ST36, T119ST37, T119ST38, T119ST39, T119ST40, T119ST41, T119ST42, T119ST43, T119ST44, T119ST45, T119ST48, T119ST49, T119ST50, T119ST51, T119ST52, T119ST70, T119ST71, T119ST72, T119ST73, T119ST74, T119ST75, T119ST76, T119ST77, T119ST78, T119ST79, T119ST80, T119ST81
120	(78)	WebSphere	T120ST01, T120ST03, T120ST05, T120ST06, T120ST07, T120ST08, T120ST09, T120ST10
121	(79)	Java Runtime Performance	T121ST01
122	(7A)	IBM Explorer Developer for zOS	T122ST01
123	(7B)	z/OS Connect Enterprise Edition	T123ST01
124	(7C)	I/O Supervisor Information	T124ST01, T124ST02, T124ST03, T124ST04, T124ST05
125	(7D)	Generic Tracker	T125
200	(C8)	CA Spool	T200
208	(D0)	SYNCSORT Statistics	T208

SELCOPYi Structure User Library

The first time a user executes the SELCOPYi SMF record browse utility, a copy of the distributed structure library (*hlq.SZZSDIST.SDO*) is created using the DSN prefix high level qualifiers specified by the `SYSTEM.USERDSNPREFIX` variable defined in the user's INI dataset (normally this is simply your userid). This library will contain the user's personal copy of the SELCOPYi structure (SDO) members.

Having a personal copy of this library allows the user to add "permanent" alterations to the SMF record field display using the Browse utility. (Note that permanent alterations apply only to the display of browsed data and so Report and Extract utilities use only the structure members in the the distributed SDO library.) Permanent updates to the browsed data display will be saved to the user's copy of the SDO structure member. By default, these changes will be applied to all subsequent browse displays of the same data. These "permanent" overrides may include:

- Field sequencing, field selection and field column-width resizing changed via the **SDE SELECT Columns** panel.
- Row colour highlighting specified via the **RCOLOUR** command.
- Column colour highlighting specified via the **CCOLOUR** command.

SELCOPYi Structure Usage

By default, SELCOPYi will only load the record mapping structures it needs to format the set of input SMF record types (and sub-types) it has to deal with. Note that, no user intervention is required.

The method used by SELCOPYi to select the required structures ensures that the amount of storage required to load the structure and the time taken to format each SMF record is kept to a minimum.

Browse and Extract Record Mapping

When the Browse or Extract utility is started, SELCOPYi generates a temporary, in-storage SDO structure containing a basic mapping of the SMF records header section (SDO structure "TNNN" containing record mapping "SMFnnn").

The temporary SDO structure generated for the Extract and Basic layout Browse operations is separate from that created for a Full layout Browse.

Extract and Basic Layout Browse

For Browse, the SMFnnn single record mapping is used when "Basic" layout is selected.

For Extract, SMFnnn is the only record mapping structure required as it is sufficient to apply the record selection criteria (select by date range, SMF record type, find string, Userid and Jobname) supported as standard.

Because no other record type mappings are required, the temporary SDO is unchanged.

Full Layout Browse

For Browse with "Full" layout, structures in the user's SDO library may be dynamically added to the temporary structure as required. The first time an SMF record of a particular type or sub-type is loaded, its matching SDO structure in the user's library gets added to the temporary SDO structure. The SMF record type and sub-type is identified by the record type and sub-type field values within the record's header data.

Note that a browse operation will load only 100 records at a time or only those records it needs to fill the available display area. Scrolling forwards through the display will load more records and so structure mappings may continue to be added to the temporary SDO throughout the browse session. Structures may be added until all SMF records have been loaded at least once.

Unless processing of specific types and/or sub-types is requested, the same temporary SDO structure will be used for each execution of Browse with "Full" layout. Because the temporary SDO does not need to be recreated, processing will be faster for subsequent Full layout Browse operations of SMF record types/sub-types loaded by a previous (or concurrent) browse session. The structure is kept in storage until the end of the SELCOPYi session or until it is explicitly dropped by the user.

Processing efficiency is improved if specific SMF record types are selected prior to execution of the browse operation. If types and/or sub-types are specified, then a new temporary structure will be generated which contains only the conditional logic required to include the specific record type mappings. Thus, when processing an input SMF record, fewer conditions are tested when determining the record's layout.

Report Record Mapping

Because the **COLUMNS:** section of the input report definition control statements declares which columns are to be included in the output report, SELCOPYi is able to deduce the required record mapping structures.

When the Report utility is executed, SELCOPYi first generates a temporary, in-storage SDO structure that contains only the required SMF record type structures. These structures are automatically loaded from the distributed SDO structure library.

Once the in-storage SDO structure is generated, SMF records are loaded and mapped without having to add further structures.

Primary/Secondary Segments

A feature of many SMF record-types is that they may include a number of different **repeating group** structures, each representing a map of potentially repeating areas of data within the record.

Each potentially repeating group structure may occur zero or more times within the record data to which it applies. If more than one occurrence of a particular repeating group structure exists, then each occurrence will occupy an area of the record that immediately follows the previous occurrence. All occurrences of a repeating group are typically addressed by what IBM refer to as **"triplet"** fields. Each triplet field is comprised of the following 3 consecutive fields:

1. A field (**xxxOF**) containing the **offset** within the base record to the first occurrence of the repeating group.
2. A field (**xxxLN**) containing the **length** of one instance of the repeating group.
3. A field (**xxxON**) containing the **number of occurrences** of the repeating group within the current record. (May be zero.)

SELCOPYi treats a repeating group as having a different record-type to that of the rest of the SMF record. More accurately, they are treated as separate **"Secondary"** segments of the SMF record that are subordinate to a single **"Base"** or **"Primary"** segment. Secondary segments are also assigned to areas of the SMF record that are not repeating but have a distinct sub-structure based on an SMF record sub-type (e.g. the sub-types for SMF records 14 and 15).

When browsing an SMF dataset in SELCOPYi, the initial table view of the file will display all SMF record segment types at once. The user may choose whether secondary segments are initially displayed in full with each segment occupying a new line of the display, or as **shadowed** lines (one for each group of segments having the same structure.)

If the shadowed option is not selected, then an instance of a record that has a number of secondary segments will occupy several lines within the table view. A new set of column headings will be displayed for each group of secondary segments of the same

structure that follow a segment of a different structure.

Using standard Data Editor data display editing techniques, the view of browsed SMF record data may easily be configured to exclude/include segments of any record-type and also to include/exclude/re-order the display of fields within in each segment.

For further information relating to display and navigation of segmented records, see the section [Segmented Records](#) of the Data Editor documentation.

Structure Definition Source

Library *hlq.SZZSDIST.SMFMAP* contains the source members used to generate the SDO structures found in library *hlq.SZZSDIST.SDO*. These are provided for reference purposes only.

Member "TNNN" is a generic form of the SMF record layout (record mapping SMFnnn) and can apply to any SMF record. It is used specifically to map SMF record types for which no layout has been defined. The "BASENAMS" member contains a reference to every SMF record-type layout name supported by SELCOPYi to date.

All other SMFMAP source library members correspond to SDO member structures of the same name.

The format used to define each layout is SELCOPYi's CREATE STRUCTURE for [Field Definition](#) syntax which, unlike COBOL or PL1 programming languages, supports repeating group segments defined by a **triplet** field.

Using SMF Utilities

This chapter describes how to use the SMF utilities supported by SELCOPYi.

- BROWSE
- EXTRACT
- REPORT

BROWSE

The Browse utility uses one or more SELCOPYi Data Editor window(s) to display SMF records in a multiple record (table) format view and/or a single record format view.

When processing SMF record input, each record's contents is formatted so that the data is organised within fields defined by the record layout for the particular SMF record type.

Areas of data within records of the same SMF record type may be mapped differently based on the content of the particular record. For this reason, SMF record data is partitioned into a number of record segments each having a well defined field structure layout. Each record segment is treated as a separate entry by the Data Editor and is displayed on a new line within a table format view or in a new screen display of a single record format view.

On initial display and whilst scrolling through the records, SELCOPYi automatically determines the segment field layout to be assigned to an area of an SMF record. This is based on well defined layout selection criteria. i.e. **no user interaction** is required to determine how data is mapped.

As for any data displayed via the Data Editor, multiple, independently scrollable windows may be opened on data belonging to the same data. In this way, SMF records may be viewed in both table format and single record format concurrently.

Browse Basic Layout

To start a browse of all SMF records that have been dumped to a GDG dataset "CBL.SMF.GDG(0)" using SMF DUMP (IFASMF DL or IFASMF DP):

1. Open the **Browse Utility Panel** by doing one of the following:
 - ◆ From a SELCOPYi command prompt, enter: =13.1
 - ◆ From the **SMF Features Menu**, select option 1 (Browse).
2. Under **SMF Dataset:**, enter the name of the GDG in the **DSN/Path>** field and the individual generation level (0 or -1, etc.) in the **Member>** field.
3. Since we are browsing SMF dumped output, as opposed to an SMF log data set (SYS1.MANx), ensure that **OFFLINE** (not ONLINE) is selected for **Options: field Format>**.
4. In the **Layout>** field, select **"B"** (Basic) so that we display records using a basic format that maps only the first few fields common to all SMF records. (The remainder of each record's data will be unformatted.)
5. **Options: field Segment>** can be allowed to default to **SHADOW** or **SHOW** as it will have no impact on basic layout browse.
6. Lastly, hit <Enter> to execute the Browse.

```
SELCOPYi - SMF Formatted Browse Utility
File Upd-Layouts Help
Command> ZZSGSMFB
SMF Dataset:
  DSN/Path> CBL.SMF.GDG
  Member> 0
Record Selection:
  Type(s) >
  Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time>
  Hi-Date/Time>
  Input Limit>
  Output Limit>
  Find String >
  User Id >
  Job Name >
  Logic: OR
Options:
  Format > OFFLINE ONLINE/OFFLINE Segment> SHADOW
  Layout > F F=Full/B=Basic
```

Figure 1. Getting started - Browse Basic Layout Panel.

Note: The first time a user starts the SMF browse or report utility following a product upgrade, the user's copy of the SMF SDO structures library is automatically refreshed with any layout members that have been added or updated. The refresh may be performed manually by selecting item **"Upd-Layouts"** from the panel menu bar.

This library DSN is derived by SELCOPYi using the installation defined user DSN prefix (*userpfx*) and fixed low level qualifiers "SELCOPYI.SMF.SDO" (i.e. library DSN "*userpfx*.SELCOPYI.SMF.SDO"). If this library does not exist, then it gets automatically allocated by SELCOPYi using DCB and SPACE values that match the distributed SMF SDO library ("*hlq*.SZZSDIST.SDO").

This library refresh accounts for a one off hit to the utility's startup time.

Browse Basic Layout Display

A Data Editor browse view is opened to display the first SMF records in the dataset formatted using the basic SMF layout.

```
SELCOPY/i - Browse CBL.SMF.GDG.G3357V00 using SMFREC0 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR
Command>
Base(D): SMFnnn Variable(14,32756) Offset=0 Data elements=10
zFLG zRTY zTME zSID zSSID zSTY Rest
#2 #3 #4 #5 #8 #9 #10
<-> <-> <-+-----1-----+-----2-> <-> <-> <-> <-+-----1-----+-----2->
00000000 *** Top of Data ***
00000001 1E 2 2019/02/11 08:57:35.23 S0W1 16448
00000002 5E 99 2019/02/11 07:14:39.02 S0W1
00000003 5E 99 2019/02/11 07:14:39.02 S0W1
00000004 5E 99 2019/02/11 07:14:39.02 S0W1
00000005 5E 99 2019/02/11 07:14:39.02 S0W1
00000006 5E 99 2019/02/11 07:14:39.02 S0W1
00000007 5E 99 2019/02/11 07:14:39.02 S0W1
00000008 1E 64 2019/02/11 07:14:39.03 S0W1 SMF 16448 SMF
00000009 1E 60 2019/02/11 07:14:39.05 S0W1 SMS 58583 SMS UP
00000010 5E 42 2019/02/11 07:14:39.06 S0W1 SMS
00000011 1E 90 2019/02/11 07:14:39.07 S0W1
00000012 5E 42 2019/02/11 07:14:39.12 S0W1 SMS
00000013 DE 30 2019/02/11 07:14:39.33 S0W1 STC
00000014 1E 20 2019/02/11 07:14:39.33 S0W1 SMFC 54213 SMFCLEAR .0.....
00000015 5E 42 2019/02/11 07:14:39.41 S0W1 SMS
00000016 1E 60 2019/02/11 07:14:39.42 S0W1
00000017 1E 61 2019/02/11 07:14:39.43 S0W1
00000018 1E 14 2019/02/11 07:14:39.47 S0W1 SMFC 54213 SMFCLEAR .0.....
00000019 5E 42 2019/02/11 07:14:39.48 S0W1 SMS
First 100 base records currently loaded. (0 Secondary segments)
Scroll down to load more records. Earlier records may then be dropped.
Use "ZoomW" key (Shift-F5) to display shadowed segments.
Use "SMFFLD" key (Shift-F3) to display layout details for focus SMF record.
Se | Line=0 | Col=1 | Alt=0,0;0 | Size>100 | Recl=32763 | Fmt=V | Files=1 | Vie
```

Figure 2. Getting started - Browse Basic Layout Display.

Some temporary, informational messages are displayed at the bottom of the screen indicating the number of records loaded (base segments) and the number of secondary segments generated from the records. (Since this is a basic layout, no secondary segments will exist.)

The messages also highlight availability of the "ZoomW" and "SMFFLD" functions and the Function Keys to which they are assigned. (See ["View a Single Record in a new Display"](#) and ["Display Focus Record Layout"](#).)

The message text is removed when the <Enter> key or Function Key is pressed.

By default, the display is a table (multi-record) view and, because the same formatting is applied to every record, a single set of headers are displayed at the start of the records. The record fields displayed include the SMF record type number, a timestamp of when the record was written to the log and the system id.

Although not applicable to all SMF record types, the formatted display includes a sub-system id and record subtype value.

Records in the table display may be scrolled up and down, left and right.

The basic layout display is intended to provide a quick overview of the SMF record type and subtypes in the dataset.

Browse Full Layout

To display the SMF dataset records using their defined record layout, open the Browse Utility panel, as described for [Browse Basic Layout](#), and select "F" (Full) in the **Layout>** field.

Before pressing <Enter> to execute the browse, we may first to apply a filter to limit the display of records in the SMF dataset. (Records that do not satisfy a filter criteria will not be saved in storage.)

The SMF record type 119 pertains to TCP/IP statistics and so, to browse TCP/IP activity that occurred on 11th February 2019, we would also update the panel as follows:

1. Under **Record Selection:**, enter "119" in the **Type(s)>** field.

Note: 1. A number of blank or comma (",") separated SMF record types may be specified in the **Type>** field to identify a list of possible SMF record types to be included.

You may also specify a range of type numbers as **n1:n2** e.g. "60:69" is equivalent to "60,61,62,63,64,65,66,67,68,69".

2. The filter could be further refined to include only records of specific SMF **subtypes**. A specific subtype number may be specified following the record type number with an intervening hyphen ("-") or hash("#") character. e.g. To select only TCP/IP Connection Initiation (Subtype 1) and Termination (Subtype 2) records, type "**119-1, 119-2**" in the **Type>** field.

2. Under **Record Selection:**, enter the ISO date for 11th February 2019 in both the **Lo-Date/Time>** and **Hi-Date/Time>** fields. i.e. "**2019/02/11**".

A date relative to the current day may also be supplied as +/-nnn e.g. If today were 2016/03/05 then -5 will be treated as 2016/02/29 (leap year).

3. Hit <Enter> to execute the Browse.

```

SELCOPY/i - SMF Formatted Browse Utility
File Upd-Layouts Mapped-Types Help          wS wR
Command>                                     Scroll> Csr
ZZSGSMFB                                     Lines 1-20 of 20
SMF Dataset:
DSN/Path> CBL.SMF.GDG                        Member> @

Record Selection:
Type(s) > 119                               n1 n2 n3 etc
Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
Lo-Date/Time> 2019/02/11                     Input Limit> _____ recs
Hi-Date/Time> 2019/02/11                     Output Limit> _____ recs

Find String > _____                     +
User Id > _____                          UID1,UID2 etc
Job Name > _____                          JOB1,JOB2 etc
System Id > _____ SYS1,SYS2 etc           Logic : OR      AND / OR

Options:
Format > OFFLINE                             ONLINE/OFFLINE      Segment> SHADOW
Layout > F                                   F=Full/B=Basic

```

F1=HELP F2=SPLIT F4=WINDOW F9=SWAP F12=CRETRIEV s2=EXPAND

Figure 3. Getting started - Browse Full Layout Panel.

Fields at static locations within certain SMF records are identified as containing a USERID or JOBNAME value (see description of BROWSE panel fields **User Id** and **Job Name** in the Utilities Reference chapter). One or more blank (or comma) separated masks may be specified in the **User Id>** and/or **Job Name>** fields providing an alternate list of userids and/or job names for which SMF records of these types may be selected. The characters "%" (percent) and "*" (asterisk) represent wild card characters in the User Id and Job Name masks.

Selection based on one or more **System Id** may be made in exactly the same way.

Further filtering of input records may be applied by adding one or more comma separated search strings in the **Find String>** field. Positioning the cursor in this field and executing EXPAND (Shift-F2 by default) will expand it to allow multiple, longer search strings to be specified. A search string may be of any format supported by the Data Editor **FIND** primary command. A find condition will give a true result if the search string exists anywhere within the SMF record.

The **Logic:** field specifies "AND" or "OR" which identifies the logical operator to be applied between the Type, Find string, User Id, Job Name and System Id field conditions (if specified). If multiple, alternate conditions are specified in one of these fields then, regardless of the Logic operator specification, a true result is returned for the field if **any** of its alternate conditions are satisfied by

the record data.

In this case, no Find String, User Id, Job Name or System Id criteria is specified. Therefore, if an SMF record is of the specified type (119) and the date on which the record was written to the SMF log falls within the specified date range, then it will be selected for browse.

Browse Full Layout Display

As for basic layout browse, temporary messages are displayed providing information on the number of records read and selected for display, and also the total number of secondary segments created from the records.

Because **SHADOW** was specified on the **Segment>** field of the browse panel, all secondary segments are displayed as "suppressed" shadow lines. Consecutive secondary segments of the same segment type are grouped together and displayed as a single shadow line.

A Data Editor browse view is opened to display the first SMF records in the dataset formatted using the full SMF record layout mappings.

```

SELCOPY/i - Browse CBL.SMF.GDG.G3359V00 using SMFBT124217 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR Scroll> Csr
Command>
000000000 *** Top of Data ***
Base: SMF119#05_TCPIP_Statistics Fixed(88) Offset=0 Data elements=35
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOff
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+--->
000000001 SE 119 2019/02/11 11:00:00.01 S0W1 STC 5 8 92
000000001 ----- 1 line(s) suppressed: segment type SMF119#05_Identification
000000001 ----- 1 line(s) suppressed: segment type SMF119#05_IP_statistics
000000001 ----- 1 line(s) suppressed: segment type SMF119#05_TCP_statistics
000000001 ----- 1 line(s) suppressed: segment type SMF119#05_UDP_statistics
000000001 ----- 1 line(s) suppressed: segment type SMF119#05_ICMP_statistic
000000001 ----- 1 line(s) suppressed: segment type SMF119#05_Storage_statis

Base: SMF119#06_TCPIP_Statistics Fixed(48) Offset=0 Data elements=20
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOff
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+---1>
000000002 SE 119 2019/02/11 11:00:00.01 S0W1 STC 6 3 52
000000002 ----- 1 line(s) suppressed: segment type SMF119#06_Identification
000000002 ----- 1 line(s) suppressed: segment type SMF119#06_Interface_stat

Base: SMF119#07_TCPIP_Statistics Fixed(48) Offset=0 Data elements=20
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOff
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+---1>
10280 records read; 6 records selected; 0 records failed to format. (70
Secondary segments)
Scroll down to load more records. Earlier records may then be dropped.
Use "ZoomW" key (Shift-F5) to display shadowed segments.
Use "SMFFLD" key (Shift-F3) to display layout details for focus SMF record.
Se | Line=0 | Col=1 | Alt=0,0;0 | Size>6(P) | Recl=32763 | Fmt=V | Files=1 | Vi

```

Figure 4. Getting started - Browse Full Layout Display.

View Lines of Suppressed Segment Types

The Data Editor **VIEW** primary command (or "**V**" line command) may be used to redisplay and suppress record segments as required. To display only segments in which we are interested:

1. Enter line command "**V+**" against a shadow line representing a segment type that we want to include in the display (make non-suppressed). Repeat this for all required segment types.

Note:

1. The Data Editor **VIEW** primary command (or "**V**" line command) may be used to redisplay and suppress record segments as required. "**V**" type line commands in the prefix area perform the following:

V	Segments matching the segment type of focus line will be displayed. (All other segments suppressed.)
V+	Segments matching the segment type of focus line will be displayed. (Suppressed status of other segments remains unchanged.)
V-	Segments matching the segment type of focus line will be suppressed. (Suppressed status of other segments remains unchanged.)

2. In addition to the **VIEW** commands, "**VBASE ON**" will display only base segments (all secondary segments suppressed), "**VBASE OFF**" will display all the record segments.

2. Hit <Enter> to execute the line command(s).

```

SELCOPY/i - Browse CBL.SMF.GDG.G3359V00 using SMFBT124217 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR Scroll> Csr
Command>
00000000 *** Top of Data ***
Base: SMF119#05_TCPIP_Statistics Fixed(88) Offset=0 Data elements=35
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOFF
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+--->
00000001 SE 119 2019/02/11 11:00:00.01 S0W1 STC 5 8 92
v+ ----- 1 line(s) suppressed: segment type SMF119#05_Identification
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_IP_statistics
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_TCP_statistics
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_UDP_statistics
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_ICMP_statistic
v+ ----- 1 line(s) suppressed: segment type SMF119#05_Storage_statis

Base: SMF119#06_TCPIP_Statistics Fixed(48) Offset=0 Data elements=20
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOFF
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+---1>
00000002 SE 119 2019/02/11 11:00:00.01 S0W1 STC 6 3 52
v+ ----- 1 line(s) suppressed: segment type SMF119#06_Identification
00000002 ----- 1 line(s) suppressed: segment type SMF119#06_Interface_stat

Base: SMF119#07_TCPIP_Statistics Fixed(48) Offset=0 Data elements=20
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOFF
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+---1>
00000003 SE 119 2019/02/11 11:00:00.01 S0W1 STC 7 3 52
v+ ----- 1 line(s) suppressed: segment type SMF119#07_Identification
00000003 ----- 34 line(s) suppressed: segment type SMF119#07_TCP_server_por
00000003 ----- 16 line(s) suppressed: segment type SMF119#07_UDP_server_por

Se | Line=0 | Col=1 | Alt=0,0;0 | Size=11(P) | Recl=32763 | Fmt=V | Files=1 | V

```

Figure 5. Getting started - Browse Full Layout VIEW Segments.

"Identification" segments for SMF 119 Subtypes 5, 6 and 7 will be displayed in addition to SMF 119 Subtype 5 "Storage Statistics" segments.

```

SELCOPY/i - Browse CBL.SMF.GDG.G3359V00 using SMFBT124217 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR Scroll> Csr
Command>
00000000 *** Top of Data ***
Base: SMF119#05_TCPIP_Statistics Fixed(88) Offset=0 Data elements=35
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOFF
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+--->
00000001 SE 119 2019/02/11 11:00:00.01 S0W1 STC 5 8 92

Seg: SMF119#05_Identification Fixed(64) Offset=0 Data elements=13
zSYSName zSysplexName zStack zReleaseID zComp zASName zUserID
#2 #3 #4 #5 #6 #7 #8
<---+---> <---+---> <---+---> <---+---> <---+---> <---+---> <---+--->
00000001 S0W1 ADCDPL TCPIP 020300 STACK TCPIP TCPIP
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_IP_statistics
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_TCP_statistics
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_UDP_statistics
00000001 ----- 1 line(s) suppressed: segment type SMF119#05_ICMP_statistic

Seg: SMF119#05_Storage_statistics Fixed(96) Offset=0 Data elements=13
zECSACurrent zECSAFree zPrivateCurrent
#2 #3 #4
<---+---1---+---> <---+---1---+---> <---+---1---+--->
00000001 346336 53216 3320192

Base: SMF119#06_TCPIP_Statistics Fixed(48) Offset=0 Data elements=20
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOFF
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <--> <--> <---> <---+> <---+---1>
00000002 SE 119 2019/02/11 11:00:00.01 S0W1 STC 6 3 52

Seg: SMF119#06_Identification Fixed(64) Offset=0 Data elements=13

Se | Line=0 | Col=1 | Alt=0,0;0 | Size=11(P) | Recl=32763 | Fmt=V | Files=1 | V

```

Figure 6. Getting started - Browse Full Layout Un-suppressed Segments.

Hide Excluded or Suppressed Record Shadow Lines

To hide all shadowed lines ("suppressed" and "excluded") execute "HIDE".

Note: "SHADOW OFF" (or "HIDE") will hide suppressed and excluded shadow lines, "SHADOW ON" will redisplay them.

```

SELCOPY/i - Browse CBL.SMF.GDG.G3359V00 using SMFBT124217 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR Scroll> Csr
Command> HIDE
00000000 *** Top of Data ***
Base: SMF119#05_TCPIP_Statistics Fixed(88) Offset=0 Data elements=35
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOff
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <-> <-> <---> <---+> <---+--->
00000001 SE 119 2019/02/11 11:00:00.01 S0W1 STC 5 8 92

Seg: SMF119#05_Identification Fixed(64) Offset=0 Data elements=13
zSYSName zSysplexName zStack zReleaseID zComp zASName zUserID
#2 #3 #4 #5 #6 #7 #8
<---+---> <---+---> <---+---> <---+---> <---+---> <---+---> <---+--->
00000001 S0W1 ADCDPL TCPIP 020300 STACK TCPIP TCPIP

Seg: SMF119#05_Storage_statistics Fixed(96) Offset=0 Data elements=13
zECSACurrent #2 zECSAFree #3 zPrivateCurrent #4
<---+---1---+---> <---+---1---+---> <---+---1---+--->
00000001 346336 53216 3320192

Base: SMF119#06_TCPIP_Statistics Fixed(48) Offset=0 Data elements=20
zFLG zRTY zTME zSID zSSID zSTY zTRN zDOff
#3 #4 #5 #6 #7 #8 #10 #12
<> <-> <---+---1---+---2-> <-> <-> <---> <---+> <---+---1>
00000002 SE 119 2019/02/11 11:00:00.01 S0W1 STC 6 3 52

Seg: SMF119#06_Identification Fixed(64) Offset=0 Data elements=13
zSYSName zSysplexName zStack zReleaseID zComp zASName zUserID
#2 #3 #4 #5 #6 #7 #8
<---+---> <---+---> <---+---> <---+---> <---+---> <---+---> <---+--->
00000002 S0W1 ADCDPL TCPIP 020300 IP TCPIP TCPIP
Se | Line=0 | Col=1 | Alt=0,0;0 | Size=11(P) | Recl=32763 | Fmt=V | Files=1 | V

```

Figure 7. Getting started - Browse Full Layout Hide Shadow Lines.

Display Focus Record Layout

The **SMFFLD** operation (assigned to the first available PFKey by default) will open a Help window displaying information (name, data type, length and description) on all the fields in all segments belonging to the SMF record in the focus line of the display.

A table of links to the start of each SMF record segment follows the a "Notes" section at the start of the displayed help. The SMF record segment field information is displayed in a tabular format and is identical to that found in the [SMF Record Layouts](#) chapter of this publication.

```

SELCOPY/i - SMF Mapping for T119ST05
Back Forward HomeLink Close Source Text Help wS wR Scroll> Csr
Command>
Type "TEXT" to display searchable version.

SELCOPYi Mapping for SMF Record Type 119 Subtype 5
Notes:
1. The following table(s) contain sub-headers (e.g. "SMF119#05_TCPIP_Statistics.z???"). A sub-header character string identifies the prefix that may be applied to one of the field names that follows it in order to uniquely identify that field. (z??? should be substituted with the name of the field.)

The Report utility uses fully qualified field names to identify the record group segment and field to be included as a column in the report. (See the COLUMNS: section of the SMF Report definition input.)

2. The Len column contains the internal length of the field. If the length is variable, the minimum and maximum values are displayed. If the field has a precision and scale (e.g. for FIXED or DEC data types) then it is displayed below the length as (p,s).

Record Segments:
■ Pri: SMF119#05_TCPIP_Statistics
■ Sec: SMF119#05_Identification
■ Sec: SMF119#05_ICMP_statistics
■ Sec: SMF119#05_IP_statistics
■ Sec: SMF119#05_IPV6_ICMP_statistics
Line 0 of 831 Col 1 of 77 File: NBJ2.SELCOPYI.CBLE(SMFFLD@@)

```

Figure 8. Getting started - Browse Full Layout SMFFLD Output.

View a Single Record in a new Display

The **ZoomW** operation (assigned to shift-F5 by default) will open a new Data Editor window view to display the focus record in single record view. Scrolling left and right will scroll to the previous or next non-suppressed record segment.

```

SELCOPY/i - Browse CBL.SMF.GDG.G3359V00:2 using SMFBT124217 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR Scroll> Csr
Command>
Seg: SMF119#02_TCP_Connection_Termination Fixed(248) Offset=0 Data elemen
Segment> 00000004 / 0000003 Flags: f Length: 248

Ref Field <----+----1----+----2----+----3
#1 SMF119#02_TCP_Connection_Termination
#2 zRName TN3270
#3 zConnID 61216
#4 zTTLSCS NotSecure
#5 zTTLSPS AT-TLSOff
#6 zTermCode RESET_Received
#7 zSMCRStatus No
#8 zSubTask 0000,0000
#9 zConnectStart 2019/02/11 10:05:13.03
#10 zConnectEnd 2019/02/11 11:15:29.20
#11 zRemoteIP 0000,0000 0000,0000 0000,FFFF
#12 zLocalIP 13 - 16 COA8,013F
#13 zRemotePort 13 - 16 COA8,0122
#14 zLocalPort 52090
#15 zInBytes 23
#16 zOutBytes 28990
#17 zSWS 9746415
#18 zMSWS 65792
#19 zCWS 66560
#20 zSMS 68244
#21 zRTT 1452
#22 zRVA 7
#23 zStatus 8
PassiveOpen
Se Line=65 Col=1 Alt=0,0;0 Size>6(P) Recl=32763 Fmt=V Files=1 V

```

Figure 9. Getting started - Browse Full Layout Single View.

Scrolling in Single Record View

Primary commands **NEXT (N)** and **PREV (P)** may be used to scroll to next or previous occurrences of a particular segment type. e.g. To navigate to the next occurrence of SMF record type "119" subtype "5" type "**N SMF119#05**"

```

SELCOPY/i - Browse CBL.SMF.GDG.G3359V00:2 using SMFBT124217 32763 V SEQ
File Edit Actions Options Utilities Window SwapList Help wS wR Scroll> Csr
Command> NEXT SMF119#05
Base: SMF119#05_TCPIP_Statistics Fixed(88) Offset=0 Data elements=35
Segment> 00000006 / 0000001 Flags: f Length: 88

Ref Field <----+----1----+----2----+----3----+----4
#1 SMF119#05_TCPIP_Statistics
#2 Header
#3 zFLG SE
#4 zRTY 119
#5 zTME 2019/02/11 11:30:00.01
#6 zSID S0W1
#7 zSSID STC
#8 zSTY 5
#9 Self_defining_Section
#10 zTRN 8
#11 zDOff 92
#12 zDLen 64
#13 zDNum 1
#14 z1Off 156
#15 z1Len 116
#16 z1Num 1
#17 z2Off 272
#18 z2Len 312
#19 z2Num 1
#20 z3Off 584
#21 z3Len 42
#22 z3Num 1
#23 z4Off 626
#24 z4Len 112
#25 z4Num 1
Se Line=70 Col=1 Alt=0,0;0 Size>6(P) Recl=32763 Fmt=V Files=1 V

```

Figure 10. Getting started - Browse Full Layout NEXT SMF119#05.

Browse Commands

Any primary or line command supported by BROWSE in the Data Editor may be executed when browsing SMF records. However, the following commands are particularly useful and are used for navigating, extracting and formatting the display of the SMF record data.

NEXT / PREV

The **NEXT (N)** and **PREV (P)** commands are particularly useful when browsing an SMF dataset that contains many different base record types.

To navigate to the next occurrence of SMF Record Type "nn" type **N SMF0nn** e.g. **N SMF014**

To navigate to the previous occurrence of SMF Record Type "nn" type **P SMF0nn** e.g. **P SMF014**

PRINT / XMLGEN / CSVGEN / JSONGEN

The **PRINT**, **XMLGEN (XML)**, **CSVGEN (CSV)** and **JSONGEN (JSON)** primary commands may be used to create various external character based versions of the currently browsed SMF data.

SELECT

The **SELECT** command opens a dialog used to tailor the display of **focus record-type**. This includes selection of the fields to be displayed, their order on screen, their column widths and "held" status.

Modifications may be temporary or permanent. Details of permanent modifications are saved in the Structure Definition Object (**SDO**).

SMFFLD

Open a help window to display information on each field mapped by the SMF structure assigned to the segment visible in the **focus line**.

The help provides a tabular view of fields of each segment in the SMF record type (or subtype). The field names are preceded by sub-headers that identify the structure name hierarchy. These structure names, together with the field name, provide the fully qualified name of the field.

VBASE

Type **VBASE** during your browse session to display secondary segments as shadow lines. This is the initial display mode when option **"Segment> SHADOW"** is selected from the SMF Browse entry panel.

Type **VBASE OFF** during your browse session to display secondary segments in full detail. This is the initial display mode when option **"Segment> SHOW"** is selected from the SMF Browse entry panel.

Note that while secondary segments are shadowed (thereby occupying much less screen space) the detail for any single shadowed segment may be displayed in a separate window by placing the cursor on the shadow line and pressing the **"ZoomW"** key (**Shift-F5**).

The shadow lines themselves may be suppressed using the **SHADOW (SHAD)** set option and/or the **HIDE** primary command.

VIEW

The **VIEW** command may be used to restrict visible record/segment types. Excluded record-types will be represented on screen by "shadow" lines.

Line-commands **"V"**, **"V+"** and **"V-"** may also be entered into the prefix area.

ZoomW Key

The **"ZoomW"** key (**Shift-F5**) may be used from an SMF Browse session in order to display the **focus** record/segment as a **single record** formatted view.

The ZoomW key (which issues primary command "SDEZOOMW MAP") actually opens a separate window which will be right adjusted on the screen, provided the user is operating on a sufficiently large screen (e.g. 62 lines x 160 columns).

This is particularly useful when issued against a shadowed segment which then becomes visible in full detail in the new window.

Using a standard screen size (e.g. 32 lines x 80 columns) SELCOPYi does not operate in "windowed" display mode, in which case a new "full-screen" window which completely overlays the current display may be undesirable. In this case the user may prefer to use the **MAP (FMT)** and **VFMT** commands to switch display format. MAP may also be entered as a line-command in the prefix area of any record/segment/shadow line.

EXTRACT

The Extract utility provides a facility to selectively copy SMF records from one or more SMF DUMP archives or directly from an online SMF dataset (SYS1.MANx) to a DASD dataset. Processing of an SMF log stream is not supported by SELCOPYi SMF utilities.

SMF records may be selected based on record type/subtype, timestamp range and System Id. Additional filtering may be performed on specific record types for JOBNAME and/or USERID which occur in fixed positions within these records. A FIND string may also be supplied to include records containing a search string at any position within the record.

The output dataset will be a subset of the input dataset(s) and may be used as input to other applications including the SELCOPYi Browse and Report utilities.

Extract SMF Record Types

Assume that SMF records are archived to GDS datasets of a GDG "CBL.SMF.GDG" via the SMF DUMP dataset function of IFASMF DL or IFASMF DP. To begin extracting only SMF records relating to VSAM dataset and ICF Catalog activity (SMF types 60 to 69) from all GDS datasets for this GDG:

1. Open the **Extract Utility Panel** by doing one of the following:
 - ◆ From a SELCOPYi command prompt, enter: =13,2
 - ◆ From the **SMF Features Menu**, select option 2 (Extract).
2. Under **SMF Source Dataset(s)**:, enter the name of the GDG in the **DSN/Path**> field. If records are to be extracted from one of the GDG generation datasets, then enter the the generation level of the required GDS in the **Member**> field. (i.e. 0, -1 or -2, etc.)

To extract records from all GDS datasets belonging to the GDG, leave the **Member**> field empty.

Note: 1. 3 pairs of **DSN/Path**> and **Member**> fields are provided to allow specification of up to 3 input SMF record datasets/library members.

If more than 3 input datasets need to be specified, then enter "C" in the **Run Type**> field to generate an **SMFEXTRC** primary command for 1-3 of the datasets. Thereafter, the command may be edited to include additional datasets and add the "BATCH" option if necessary.

2. If a dataset or member name includes a wildcard character asterisk ("*") and/or percent ("%"), then a list of dataset/member names are displayed that match the supplied DSN/member mask. Select the required list entry to populate the source dataset input fields.

3. Under **SMF Extract Dataset**:, enter the name of the output dataset, library member or GDG (level 0) in the **DSN/Path**> and **Member**> fields as appropriate.

Note: 1. If a dataset or member name includes a wildcard character asterisk ("*") and/or percent ("%"), then a list of existing dataset/member names are displayed that match the supplied DSN/member mask. Select the required list entry to populate the extract dataset input fields.

2. If a dataset name is specified for a dataset that does not yet exist, then, when the utility executes, the "Create new file" popup window is displayed. This prompts the user to select the output dataset organisation and then opens the appropriate dataset allocation or IDCAMS define dialog window to create the new dataset.

4. Under **Record Selection**:, enter the required SMF types as a blank and/or comma (",") separated list in the **Type(s)**> field. i.e. "60,61,62,63,64,65,66,67,68,69"

You may also specify a range of type numbers as **rr1:rr2** e.g. "60:69" is equivalent to "60,61,62,63,64,65,66,67,68,69".

Note: For SMF record types that support subtypes, a specific subtype number may be specified following the record type number with an intervening hyphen ("-") or hash("#") character. e.g. "42-5" for record type 42 subtype 5.

5. Since we are extracting from SMF dumped output, as opposed to an SMF log data set (SYS1.MANx), ensure that **OFFLINE** (not ONLINE) is selected for **Options**: field **Format**>.

Note: The format of the extracted records match that of the input. Therefore, extracting records from an ONLINE SMF dataset would produce records that must also be processed as ONLINE format.

6. Select a **Run Type**> of "F" (Foreground) under **Options**: to run the extraction in TSO/E foreground. Alternative options are: "B" (Batch) to generate and display a JCL job stream and "C" (Command) to generate and display syntax based on panel input field data for primary command SMFEXTRC.

7. The **Append**> option field may be left blank to overwrite the contents of an existing output dataset.

8. Lastly, hit <Enter> to execute the extract action specified by **Run Type**>.

```

SELCOPY/i - SMF Extract Utility
File Help JCL Command
Command>
ZZSGSMFX
SMF Source Dataset(s):
  DSN/Path> CBL.SMF.GDG
  DSN/Path>
  DSN/Path>
SMF Extract Dataset:
  DSN/Path> CBL.SELCOPYI.SMF60#69
Record Selection:
  Type(s) > 60:69
  Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time>
  Hi-Date/Time>
  Find String >
  User Id >
  Job Name >
  System Id >
Options:
  Format > OFFLINE
  Run Type > E
  Append >
Type OUTPUT (O) to browse the Output dataset.
Type I<n> to browse Input dataset (n). e.g. I3 to browse input file (3).

```

Figure 11. Getting started - Extract SMF Record Types Panel.

It may be useful to browse the contents of the input SMF data set(s) prior to executing the extract and then browse the output records after executing the extract. Before and/or after executing the extract utility, the contents of the input source dataset(s) and output extract dataset may be displayed as a **basic layout browse** by entering panel primary command "INPUT" (or "I") and "OUTPUT" (or "O") respectively.

"I" or "I1" will perform the browse on the input dataset/library member in the first source dataset specification. "I2" and "I3" will do the same for the second and third source datasets respectively.

Extract Batch Job

To run the extraction in batch, the SELCOPYi batch program (**SDEAMAIN**) must be executed. The control statement input (DD SDEIN) will contain an instance of the **SMFEXTRC** primary command.

The Extract utility panel may be used to generate job control with the required SDEIN SMFEXTRC command as follows:

1. Open and tailor input fields in the Extract Utility panel, as described previously for **Extract SMF Record Types**.
2. For the purpose of creating a sample set or capping execution time, the number of input source records and extracted output records may be limited via the **Input Limit>** and **Output Limit>** fields respectively.

Enter an input limit of "100000" to restrict the total number of records read from **all** input datasets to a maximum of 100,000. Also enter an output limit of "50" to restrict the number of output records of **each specified type** to a maximum of 50 (10 SMF record types are selected so no more than 500 output records in total). Extract processing will end when either of these limits is reached.

3. The number of extracted records may also be limited by timestamp at which the records were written to the SMF log stream or dataset.

Enter "2019/02/11 01:30" in the **Lo-Date/Time>** field and "2019/02/11" in the **Hi-Date/Time>** field to further restrict extraction of SMF records to those written after 01:30 on Monday 11th February 2019.

Lo-Date/Time> and/or **Hi-Date/Time>** input fields may be used to define a date and time range in which the record must have been written in order to be included in the extract operation. The format of the timestamp specification for both fields is **yyyy/MM/dd hh:mm:ss.t** but may be truncated on the right to reduce precision. (e.g. "2019/01/21 12" in the **Lo-Date/Time>** field is equivalent to "2019/01/21 12:00:00.0", "2019/01" in the **Hi-Date/Time>** field is equivalent to "2019/01/99 99:99:99.9".)

A date relative to the current day may also be supplied as +/-nnn e.g. If today were 2016/03/05 then -5 will be treated as 2016/02/29 (leap year).

If no **Hi-Date/Time>** value is provided, records are eligible for extraction provided their timestamp is greater than or equal to the **Lo-Date/Time>** value. Similarly, if the timestamp is less than or equal to the **Hi-Date/Time>** value when no **Lo-Date/Time>** is provided.

4. Select a **Run Type>** of "B" (Batch) under **Options:** to generate and display a JCL job stream. Note that menu item "JCL" would generate the job stream output regardless of the contents of this field.

5. Enter "APP" in the **Append**> option field to append the extracted records to records that already exist in the extract output dataset.
6. Lastly, hit <Enter> to generate the batch job.

```

SELCOPY/i - SMF Extract Utility
File Help JCL Command
Command>
ZZSGSMFX
SMF Source Dataset(s):
  DSN/Path> CBL.SMF.GDG Member>
  DSN/Path> Member>
  DSN/Path> Member>
SMF Extract Dataset:
  DSN/Path> CBL.SELCOPYI.SMF60#69 Member>
Record Selection:
  Type(s) > 60:69 n1 n2 n3 etc
  Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time> 2019/02/11 01:30 Input Limit> 100000 recs
  Hi-Date/Time> 2019/02/11 Output Limit> 50 recs
  Find String >
  User Id > UID1,UID2 etc
  Job Name > JOB1,JOB2 etc
  System Id > SYS1,SYS2 etc Logic : OR AND / OR
Options:
  Format > OFFLINE ONLINE/OFFLINE
  Run Type > B F=FGRND B=BATCH C=CLI
  Append > APP Enter APP to append to output
Type OUTPUT (O) to browse the Output dataset.
Type I<n> to browse Input dataset (n). e.g. I3 to browse input file (3).

```

Figure 12. Getting started - Extract SMF Batch Job Panel.

A Text Editor window view is opened to display the generated job stream using a temporary dataset name. The job may be saved to a member of a job library using the **REPLACE (REP)** or **SAVE** primary commands. e.g. **SAVE NBJ.SMF.JCL(EXTR001)**.

A JOB card is created as defined in the **Batch Job Settings (=0.6)** SELCOPYi options panel. Otherwise a default is used.

```

//T151636 JOB , ,CLASS=A,MSGCLASS=X,MSGLEVEL=(1,1),NOTIFY=&SYSUID ***
//* * NBJ2.SMFEXTRC.D2019043.T151636.JCL ** L=001 --- 2019/02/12 15:16:36 (NBJ2
/*|SELCOPYi ACTION key commands (OQ=Output Queue, OP=Operator Cmd).
/*<sub
/*<OQ T151636
/*<OP cancel T151636
/*
/*<SmfB CBL.SELCOPYI.SMF60#69
/*<SmfB CBL.SELCOPYI.SMF60#69 BASIC
/*
/* -----
/* SmfExtrc: SELCOPYi SMF Record Extraction Utility - 2019/02/12 15:16
/* -----
/*
//SMFEXTRC EXEC PGM=SDEAMAIN
//STEPLIB DD DISP=SHR,DSN=DSN910.DB9G.SDSNEXIT
// DD DISP=SHR,DSN=DSN910.SDSNLOAD
// DD DISP=SHR,DSN=CBL.CBLI350.EXE
/*
/* ----- Uncomment to create new dataset -----
/*MFOUT DD DSN=CBL.SELCOPYI.SMF60#69,
/* DCB=(RECFM=VBS,LRECL=X,BLKSIZE=0,DSORG=PS),
/* DISP=(NEW,CATLG),
/* SPACE=(TRK,(10,5),RLSE)
/* -----
/*
//ZZSUSERI DD DISP=SHR,DSN=NBJ2.CBLI.INI
//SDEPRINT DD SYSOUT=*
//SDEIN DD *
SmfExtrc
/* Input File list */
((
CBL.SMF.GDG
))
/* Output File */
CBL.SELCOPYI.SMF60#69
/* Timestamp range */
DateLo( 2019/02/11 01:30:00.00 )
DateHi( 2019/02/11 23:59:59.99 )
/* Options & Selection */
Logic( OR )
Types( 60 61 62 63 64 65 66 67 68 69 )
/* Sid( n1 n2 n3 etc ) */
/* UserId( USERID1,USERID2,... ) */

```

```

/* JobName( JOBNAME1, JOBNAME2, ... ) */
/* Find( STRING1, STRING2, ... ) */
ILim( 100000 ) /* Max input recs */
OLim( 50 ) /* Max output recs */

/* ONLINE */ /* Records have 4-byte RDW */
App /* Append to output */
/*

```

Figure 13. Getting started - Extract SMF Batch Job.

Edit primary command **SUBMIT** may be executed to submit the job to batch. Note that the contents of the Text Editor view will be submitted "as is" without the need to first save changes to a DASD dataset.

Extract Selection Criteria

In order to be copied to the output dataset, a record processed by an extract operation must satisfy **all** conditions specified by the following record selection criteria:

1. Timestamp if values specified in **Lo-Date/Time>**, **Hi-Date/Time>** or both.
2. Input record number if a value is specified in **Input Limit>**.
3. Output record number if a value is specified in **Output Limit>**.

Thereafter, additional record selection criteria provide alternative or cumulative conditions. If logical **"OR"** is selected, then in order to qualify for copy to the extract dataset a record need satisfy only **one** of the the following in which conditions are specified:

1. A match for an SMF record type or subtype in **Type(s)>**.
2. A match anywhere in the record for a search string specified in **Find String>**.
3. A match for a user id mask found at a fixed position of the record in **User Id>**.
4. A match for a job name mask found at a fixed position of the record in **Job Name>**.
5. A match for a system id mask found at a fixed position of the record in **System Id>**.

If logical **"AND"** is selected, a record must match one of the specified record types, at least one of the specified user id masks, at least one of the job name masks, at least one of the system ids and at least one of the specified Find search strings in order to qualify for copy to the extract dataset.

Building on the extract panel entries already specified, the following steps will impose additional alternate selection criteria:

1. Open and tailor input fields in the Extract Utility panel, as described previously for **Extract Batch Job**.
2. In the **Find String>** field, type " **P'INDD#'** ".

The **Find String>** field specifies a search string value which, if found **anywhere** within the raw data of the input SMF record, will flag that record for copy to the extract dataset. The FIND string may be case insensitive ('a234'), case sensitive ('C'a234'), a hex string ('X'81F2F3F4'), a picture string ('P'a####') or a regular expression ('R'a:d^3').

3. In the **User Id>** field, type " **NBJ183, TEST*** ".

The **User Id>** field identifies 1 or more userid values, one of which must match the up to 8 character user id value found at a fixed position within one of the following specific SMF record types:

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118
									119

SMF records that are not one of these record types will not be tested for User id.

A user id value may contain wildcard characters: asterisk ("*") to represent zero or more characters and/or percent ("%") to represent exactly one character.

4. In the **Job Name>** field, type " **SMF*** ".

The **Job Name>** field identifies 1 or more job name values, one of which must match the up to 8 character jobname value found at a fixed position within one of the following specific SMF record types:

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

SMF records that are not one of these record types will not be tested for job name.

A job name value may contain wildcard characters: asterisk ("*") to represent zero or more characters and/or percent ("%") to represent exactly one character.

5. Allow the **Logic:** field to default to "OR" so that an SMF record that falls within the given data range is eligible for copy if any of the specified selection criteria provided by for record types/subtype, find string, user id or job name is satisfied.
6. Select a **Run Type** of "C" (Command) under **Options:** to generate and display SMFEXTRC primary command syntax. Note that menu item "**Command**" would generate the command syntax output regardless of the contents of this field.
7. Lastly, hit <Enter> to generate and display the command stream in a temporary Text Editor window view.

```

SELCOPY/i - SMF Extract Utility
File Help JCL Command
Command>
ZZSGSMFX
SMF Source Dataset(s):
  DSN/Path> CBL.SMF.GDG Member>
  DSN/Path> Member>
  DSN/Path> Member>
SMF Extract Dataset:
  DSN/Path> CBL.SELCOPYI.SMF60#69 Member>
Record Selection:
  Type(s) > 60:69 n1 n2 n3 etc
  Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time> 2019/02/11 01:30 Input Limit> 1000000 recs
  Hi-Date/Time> 2019/02/11 Output Limit> 50 recs
  Find String > P'INDD#' +
  User Id > NBJ183,TEST* UID1,UID2 etc
  Job Name > SMF* JOB1,JOB2 etc
  System Id > SYS1,SYS2 etc Logic : OR AND / OR
Options:
  Format > OFFLINE ONLINE/OFFLINE
  Run Type > C F=FGRND B=BATCH C=CLI
  Append > APP Enter APP to append to output
Type OUTPUT (0) to browse the Output dataset.
Type I<n> to browse Input dataset (n). e.g. I3 to browse input file (3).

```

Figure 14. Getting started - Extract Selection Criteria Panel.

The command stream may be executed by positioning the cursor on the first line of the command within the Text Editor view and pressing the "Action" key (Shift-F4 by default). Note that SMFB primary commands are also generated to browse the contents of the extract output dataset in either "Full" or "Basic" format.

This command stream may be copied to another dataset (e.g. the user's "Home" file) for execution at a later date.

```

SELCOPY/i - NBJ2.SMFEXTRC.D2019043.T173616.CMX 255 V SEQ Size=19 Alt=0
File Edit Actions Options Utilities Window SwapList Help wS wR
Command>
<---+---1---+---2---+---3---+---4---+---5---+---6---+---7---
00000 * * * Top of File * * *
00001 <SmfExtrc
00002 (
00003 CBL.SMF.GDG
00004 )
00005 CBL.SELCOPYI.SMF60#69
00006 App
00007 Types( 60 61 62 63 64 65 66 67 68 69 ) \
00008 DateLo( 2019/02/11 01:30:00.00 ) \
00009 DateHi( 2019/02/11 99:99:99.99 ) \
00010 UserId( NBJ183,TEST* ) \
00011 JobName( SMF* ) \
00012 Find( P'INDD#' ) \
00013 ILim( 1000000 ) \
00014 OLim( 500 ) \
00015
00016
00017
00018 <SmfB CBL.SELCOPYI.SMF60#69
00019 <SmfB CBL.SELCOPYI.SMF60#69 BASIC
00020 * * * End of File * * *

```

Figure 15. Getting started - Extract Selection Criteria Command Stream.

REPORT

The Report utility provides the means to create a printable text featuring field values from SMF records.

A basic report is typically arranged as a table of values with underlined column headings, table breaks, sub-totals and grand totals. Each page of the report output contains a header line in line 1 comprising a time and date, optional page title and page number.

Table rows may be sorted by values in one or more columns in ascending or descending order. SELCOPYi uses the installation's SORT program (e.g. DFSORT or SYNCSORT) to perform this task. The necessary SORT DD names (SORTIN, SORTOUT, etc.) are dynamically allocated and freed by the utility when executed in the SELCOPYi foreground.

Report definition control statements are supplied as input to the report generation utility. This input may be specified to the utility via a DDname or as a fileid (DSN, library member or ZFS/HFS file path).

The output report is written to DD **SDEPRINT** or, if run in the SELCOPYi foreground, to an in-storage dataset which is displayed in a Text Editor edit window view.

As well as standard "Print" style output, the Report utility may be used to generate various external formats (**CSV**, **XML** and **JSON**) typically used to load the selected values into PC programs such as **Microsoft Excel** or into database product such as **DB2**.

Only basic reporting features as they relate to SMF data will be covered here. For full information please see the separate manual [SELCOPYi Report Utility](#) where, among other things, you can also learn how to produce reports from non-SMF datasets (mapped by **COBOL/PL1** etc copybooks) or from **DB2 tables**. The Report Utility is a standard part of the SELCOPYi product and is not charged separately.

Report - Basic

Task:

Create a report of the following values found in fields defined within type 14 SMF records (records relating to INPUT or RDBACK Data Set Activity):

- Job Name.
- Date and time that the SMF record was moved to the SMF buffer.
- Job step name.
- Program name.
- DD name.
- Data set name.
- DISP=OLD/NEW/MOD indicator.
- DISP=SHR indicator.
- EXCPs performed on the dataset during the job step.
- Record Format.
- Primary (or only) Volume id.
- SMS Management Class.
- SMS Storage Class.

The 3 steps taken to generate this report are as follows:

1. Write basic **report definition** control statements.
2. Specify the input SMF dataset, report definition source and other options in the **Report Utility Panel**.
3. Display the generated **report output**.

Report - Basic Definition

Before starting to write report definition control statements, allocate a PDS or PDSE library to contain members in which the report definitions may be saved. Control statements may be of fixed or variable record format and be of any record length. However, beware that the last 8 characters of a RECFM=F record are reserved for line numbering.

1. Type "**ALLOC**" to open the **Allocate NonVSAM** dialog.
2. Tailor dialog fields as required and select the "Allocate" button to allocate the new PDS or PDSE library. (e.g. Use DSN "*userpfx.SELCOPYI.RPT*" with RECFM=VB, LRECL=256, BLKSIZE=0)


```

SELCOPY/i - Allocate NonVSAM
  Define Help
Dataset> NBJ.SELCOPYI.SMF.RPT
Model>
Volume> CBLM04
MaxVol> 1
Unit> 3390
DSNTType> PDSE (SEQ|PDS|PDSE|LARGE)
Version> 1 (PDSE 1 or 2 only)
Extended attributes> NO (NO|OPT)
Retention period> 0 (0-9999)
Expiry date> (yyyyddd)
Member Generations> 0 (PDSE 2 only)

Space Allocation      DCB Information      SMS Classes
Allocation Unit> TRACKS
Primary> 5
Secondary> 2
Directory Blocks> 2
Allocate

Organisation> PO
Record Format> VB
Record Length> 256
Blocksize> 0
Cancel

Data>
Storage> CBLDFLT
Management> CBLDFLT
Help

```

Figure 16. Allocate new REPORT Definition Input Library.

Next, edit a new member "SMF14" in "userpfx.SELCOPYI.RPT" and begin typing report definition statements.

1. Type "**EDIT userpfx.SELCOPYI.RPT(SMF14)**" to open a Text Editor window view for the new member.
2. Add some blank lines to the member by entering primary command "**ADD 33**".
3. Within the edit display, enter section header "**TITLE:**" and in the line below enter a title to appear in the header of each new page. Note that quotation marks (") and apostrophes (') will be treated as being part of the title text and therefore should not be used to enclose the title text.
4. On a line following the title text, enter section header "**COLUMNS:**". Column definitions are entered in the lines that follow.

Enter the required SMF field column report definitions:

```

** NBJ.SELCOPYI.RPT(SMF14) *** L=001 --- 2019/02/13 16:24:19 (NBJ)

TITLE:
  SMF 14 Non-VSAM Input Datasets

COLUMNS:
SMF014_INPUT_or_RDBACK_Dataset.zJOBNAME      'Job'          8
SMF014_INPUT_or_RDBACK_Dataset.zTME        'Timestamp'
SMF014#3_Step_Info.zSPN                     'Step'
SMF014#3_Step_Info.zPGN                     'PGM Name'
SMF014_INPUT_or_RDBACK_Dataset.TIOT.SMFTIOE5 'DDName'
SMF014_INPUT_or_RDBACK_Dataset.JFCB.DSN     'Dataset Name' 22
SMF014_INPUT_or_RDBACK_Dataset.JFCB.Ind2.Disp 'DISP'
SMF014_INPUT_or_RDBACK_Dataset.JFCB.Ind2.Shr 'SHR'
SMF014_INPUT_or_RDBACK_Dataset.UCB.SMFEXCP(1) 'EXCPs'        6 RIGHT
* SMF014_INPUT_or_RDBACK_Dataset.JFCB.CRDT   'Create Date'
SMF014_INPUT_or_RDBACK_Dataset.JFCB.RECFM   'Lrecl'        5 RIGHT
* SMF014_INPUT_or_RDBACK_Dataset.JFCB.RECL   'BlkSz'        5 RIGHT
* SMF014_INPUT_or_RDBACK_Dataset.JFCB.BLKSZ  'VolSer'       6
SMF014_INPUT_or_RDBACK_Dataset.JFCB.VOLS   'MGMTCLAS'
SMF014#2_SMS_Class.zMCN                     'STORCLAS'
SMF014#2_SMS_Class.zSCN

```

Figure 17. Report Basic Definition.

- Note:**
1. Apart from the line containing the **TITLE:** text, an asterisk ("*") may be specified at the start of a line to denote the start of comment data.
 2. By default, the end of the record denotes the end of the statement text. The continuation character backslash ("\") may be specified as the last non-blank character of a line. This will extend the statement by concatenating text starting in column 1 of the next line with the last character before the "\" on the current line.

Each column definition is comprised of the following:

1. **Mandatory:** A partially or fully qualified SMF record segment field name.

A table of field names belonging to SMF record type 14 may be found in [SMF Record Layouts](#) and may be displayed in the SELCOPYi session using command "**SMFFLD T014**".

- Note:** The last and first qualifiers are mandatory and identify the field and the segment to which the field belongs respectively. Intermediate qualifiers identify the names of sub-structures within the segment to which the field belongs. Specification of sub-structure name qualifiers are unnecessary if the field has a unique name within the segment.

e.g. Field "**RECFM**" belongs to sub-structure "**JFCB**" within segment "**SMF014_INPUT_or_RDBACK_Dataset**" and so has a fully qualified name:

```
SMF014_INPUT_or_RDBACK_Dataset.JFCB.RECFM
```

However, "RECFM" is a unique field name within the segment and so may be uniquely identified using field name:

SMF014_INPUT_or_RDBACK_Dataset.RECFM

2. **Optional:** A column heading name enclosed in quotation marks (") or apostrophes ('). If required, a null column header may be specified ("") but, if omitted, the column header used will be the last qualifier of the field name.
3. **Optional:** An integer value defining the width of the column. Column values will be truncated or padded with blank characters as appropriate.
4. **Optional:** "RIGHT" or "LEFT" indicating that the column will contain the rightmost or leftmost characters of the SMF field value for a length equal to the column width. The default is "LEFT".

Note: Because numeric field values are right adjusted, "RIGHT" must be specified when a shorter column width is supplied in order to prevent truncation of significant digits.

5. **"SAVE"** the changes to member "SMF14" and exit the Text Edit view.

Report - Basic Panel Input

To obtain a report using the **SMF14** report definition for the SMF records contained in the latest generation dataset belonging to "CBL.SMF.GDG":

1. Open the **Report Utility Panel** by doing one of the following:
 - ◆ From a SELCOPYi command prompt, enter: =13.3
 - ◆ From the **SMF Features Menu**, select option 3 (Report).
2. Under **Report Definition:**, enter the DSN of the report definition library ("*userpfx*.SELCOPYI.RPT") in the **DSN/Path>** field and the name of the required report member ("**SMF14**") in the **Member>** field.

Note: If a dataset or member name includes a wildcard character asterisk ("*") and/or percent ("%"), then a list of dataset/member names are displayed that match the supplied DSN/member mask. Select the required list entry to populate the source dataset input fields.

3. Under **SMF Dataset:**, enter the name of the GDG in the **DSN/Path>** field and a valid generation reference (e.g. "-1") in the **Member>** field.
4. Since the report output is based on SMF record type 14 only, it makes sense to apply a filter to select SMF 14 records only.

Under **Record Selection:**, enter the required SMF type ("14") in the **Type(s)>** field.

In this particular case it is actually unnecessary to explicitly specify the filter since the report utility knows which record-type(s) are being reported on and will automatically load only the types necessary. However, it may be necessary to filter on a particular SMF subtype e.g. to restrict your report to Record Type 30 Subtype 5 ("Job Termination") specify "30-5" in the **Type(s)>** field.

5. The number of records on which the report operates may be limited via the **Input Limit>** and **Output Limit>** fields.

Enter an output limit of "500" to restrict the number of records processed by the report definition statements to a maximum of 500.

Note that if a sort is applied then output limit is not applied until the sort (on all otherwise selected records) is completed. This means for instance that a report may be generated for the "Top nnn" (nnn = any number) values of any field, simply by combining a descending sort on that field with **Output Limit>** nnn.

6. To execute the report generation in the SELCOPYi (TSO) foreground, enter "F" in the **Run Type>** field under **Options:**.
7. To create standard "Print" style output, enter "P" in the **Output Type>** field under **Options:**.
8. Leave the **Page Depth>** field blank to allow the report pagedepth to default to the Data Editor **PAGEDEPTH** value (default 60 lines).
9. Lastly, hit <Enter> to execute the report generation.

```

SELCOPY/i - SMF Formatted Report Utility
File Help                                     wS wR
Command>                                     Scroll> Csr
ZZSGSMFR                                     Lines 1-28 of 28
Report Definition:
  DSN/Path> NBJ.SELCOPYI.RPT                  Member> SMF14

SMF Dataset:
  DSN/Path> CBL.SMF.GDG                      Member> -1

Record Selection:
  Type(s) > 14                               n1 n2 n3 etc
  Format:   yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time> _____ Input Limit> _____ recs
  Hi-Date/Time> _____ Output Limit> 500 _____ recs

  Find String > _____
  User Id > _____
  Job Name > _____
  System Id > _____ SYS1,SYS2 etc Logic : OR
  +
  UID1,UID2 etc
  JOB1,JOB2 etc
  AND / OR

Options:
  Format > OFFLINE ONLINE/OFFLINE
  Run Type > F F=FGRND B=BATCH C=CLI
  Output Type > P P=Print C=CSV J=JSON X=XML B=Browse
  Page Depth > _____ Leave blank to use current Data-Edit PAGEDEPTH value.

  Type EDIT (E) to edit the Report Definition file.
  Type INPUT (I) to browse the SMF Dataset.

```

Figure 18. Report Utility Panel.

Before and/or after executing the report utility, the contents of the input SMF record source dataset may be displayed in a formatted Data Editor browse view using panel primary command "INPUT" (or "I"). The

The report definition dataset may be displayed (and edited) in a Text Editor view using panel primary command "EDIT" (or "E").

Report - Basic Output

Provided no errors occur during processing of the report definition control statements, the generated report is displayed in a Text Editor window view on completion. (If executing in batch, the report output would be written to SDEPRINT.)

The report itself is in-storage and may be saved to a DASD dataset using "REP" or "SAVE <dsname>". e.g.

```
SAVE <userpfx>.SELCOPYI.SMF.RPTOUT(SMF14)
```

The "Allocate Non-VSAM" dialog will open if library "<userpfx>.SELCOPYI.SMF.RPTOUT" does not yet exist.

Job	Timestamp	Step	PGM Name	DDName	Dataset Name	DISP	SHR	EXCPs	RECFM	VolSer	MGMTCLAS	STORCLAS
SMFCLEAR	2019/02/14 12:20:43.67	SMFCLEAR	IFASMFDP	SYSIN	USER.Z23A.PARMLIB	OLD	SHR		2 FB	A3CFG1		
JGE	2019/02/14 12:35:20.97	LG NPRC1	ADFMD F03	SYS00299		OLD	SHR		0 U	CBLME1		
JGE	2019/02/14 12:36:13.01	STEP1	BPXPRECP	SYS00002	CBL.CBLI350.ASM	OLD	SHR		8 FB	CBLM05	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:13.78	STEP1	BPXPRECP	SYS00003	CBL.CBLI350.ASM	OLD	SHR		63 FB	CBLM10	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:19.69	LG NPRC1	ADFMD F03	SYS00244	JGE.CBLI.CBLE	OLD	SHR		110 VB	CBLM09	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:19.70	LG NPRC1	ADFMD F03	SYS00236	CBL.CBLI.SITE.IPOPROC	OLD	SHR		0 VB	CBLM10	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:19.71	LG NPRC1	ADFMD F03	SYS00229	CBL.CBLI.SITE.IPO	OLD	SHR		1 VB	CBLM10	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:19.71	LG NPRC1	ADFMD F03	SYS00226	CBL.CBLI350.HTML	OLD	SHR		0 VB	CBLM03	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:19.72	LG NPRC1	ADFMD F03	SYS00213	CBL.CBLI350.ADA	OLD	SHR		3210 VB	CBLM10	CBLDFLT	CBLDFLT
RSHD1	2019/02/14 12:36:20.68	TSOPROC	IKJEFT01	SYS00001	CBL.EXEC	OLD	SHR		15 FB	CBLM01	CBLDFLT	CBLDFLT
JES2	2019/02/14 12:36:20.91	JES2	HASJES20	SYS00579	CBL.CBLI350.JCL	OLD	SHR		18 FB	CBLM13	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:21.27	LG NPRC1	ADFMD F03	ISP09389	CBL.CBLI350.ISPPLIB	OLD	SHR		1 FB	CBLM14	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:21.28	LG NPRC1	ADFMD F03	ISP09390	ISP.SISPMENU	OLD	SHR		4 FB	A3RES1		
JGE	2019/02/14 12:36:21.29	LG NPRC1	ADFMD F03	ISP09391	CBL.CBLI350.ISPTLIB	OLD	SHR		7 FB	CBLM08	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:21.31	LG NPRC1	ADFMD F03	ISP09382	DSN910.DB9G.SDSNEXIT	OLD	SHR		30 U	ZBDB91		
JGE	2019/02/14 12:36:21.38	LG NPRC1	ADFMD F03	SYSEXEC	CBL.EXEC	OLD	SHR		0 FB	CBLM01	CBLDFLT	CBLDFLT
SDEFFSU3	2019/02/14 12:36:25.51	ASM	ASMA90	SYSIN	CBL.CBLI350.ASM	OLD	SHR		64 FB	CBLM05	CBLDFLT	CBLDFLT
SDEFFSU3	2019/02/14 12:36:25.51	ASM	ASMA90	SYSLIB	CBL.CBLI350.MAC	OLD	SHR		382 FB	CBLM05	CBLDFLT	CBLDFLT
SDEFFSU3	2019/02/14 12:36:25.57	ASM	ASMA90	STEPLIB	CBL.ISPLLIB	OLD	SHR		17 U	CBLM04	CBLDFLT	CBLDFLT
SDEFFSU3	2019/02/14 12:36:26.33	BIND	IEWL	APEOBJ	CBL.CBLI350.OBJ	OLD	SHR		23 U	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:26.37	LG NPRC1	ADFMD F03	ISPPLIB	CBL.ISPPLIB	OLD	SHR		1 FB	CBLM04	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:26.38	LG NPRC1	ADFMD F03	ISPLIB	CBL.ISPMLIB	OLD	SHR		2 FB	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:26.38	LG NPRC1	ADFMD F03	ISPSLIB	ISP.SISPSLIB	OLD	SHR		0 FB	A3RES1		
JGE	2019/02/14 12:36:26.39	LG NPRC1	ADFMD F03	ISPPROF	JGE.S0W1.ISPF.ISPPROF	OLD	SHR		16 FB	A3SYS1		
JGE	2019/02/14 12:36:26.39	LG NPRC1	ADFMD F03	ISPTLIB	CBL.ISPTLIB	OLD	SHR		0 FB	CBLM06	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:26.41	LG NPRC1	ADFMD F03	ISPLLIB	CBL.SSC.EXE	OLD	SHR		4 U	CBLM02	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:32.84	STEP1	BPXPRECP	SYS00002	CBL.CBLI350.LNK	OLD	SHR		4 FB	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:32.94	STEP1	BPXPRECP	SYS00003	CBL.CBLI350.LNK	OLD	SHR		21 FB	CBLM01	CBLDFLT	CBLDFLT
RSHD1	2019/02/14 12:36:34.94	TSOPROC	IKJEFT01	SYS00001	CBL.EXEC	OLD	SHR		9 FB	CBLM01	CBLDFLT	CBLDFLT
JES2	2019/02/14 12:36:35.12	JES2	HASJES20	SYS00580	CBL.CBLI350.JCL	OLD	SHR		17 FB	CBLM13	CBLDFLT	CBLDFLT
SDELIB	2019/02/14 12:36:40.32	BIND	IEWL	SYSLIN	CBL.CBLI350.LNK	OLD	SHR		20 FB	CBLM01	CBLDFLT	CBLDFLT

Job	Timestamp	Step	PGM Name	DDName	Dataset Name	DISP	SHR	EXCPs	RECFM	VolSer	MGMTCLAS	STORCLAS
SDELIB	2019/02/14 12:36:40.34	BIND	IEWL	AZZSMOD	CBL.CBLI350.LOADLIB	OLD	SHR	2212	U	CBLM06	CBLDFLT	CBLDFLT
SDELIB	2019/02/14 12:36:40.82	DBDEF	IKJEFT01	SYS00001	CBL.CBLI350.LSX	OLD	SHR	23	FBA	CBLM06	CBLDFLT	CBLDFLT
SDELIB	2019/02/14 12:36:41.10	DBDEF	IKJEFT01	SYS00001	CBL.CBLI350.LSX	OLD	SHR	131	FBA	CBLM06	CBLDFLT	CBLDFLT
SDELIB	2019/02/14 12:36:41.42	DBDEF	IKJEFT01	SYSEXEC	CBL.EXEC	OLD	SHR	10	FB	CBLM04	CBLDFLT	CBLDFLT
SDELIB	2019/02/14 12:36:41.50	DBDEF	IKJEFT01	STEPLIB	CBL.ISPPLIB	OLD	SHR	41	U	CBLM04	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:53.76	LGNPRC1	ADFMD03	SYS00301	CBL.DB.INI	OLD	SHR	2	VB	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:53.86	LGNPRC1	ADFMD03	SYS00302	JGE.DB.INI	OLD	SHR	2	VB	CBLM04	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.12	LGNPRC1	ADFMD03	SYS00303	CBL.CBLI350.ADA	OLD	SHR	1	VB	CBLM10	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.15	LGNPRC1	ADFMD03	SYSEXEC	CBL.EXEC	OLD	SHR	0	FB	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.19	LGNPRC1	ADFMD03	ISP12372	CBL.CBLI350.ISPTLIB	OLD	SHR	0	FB	CBLM08	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.19	LGNPRC1	ADFMD03	ISP12371	ISP.SISPMENU	OLD	SHR	0	FB	A3RES1		
JGE	2019/02/14 12:36:58.20	LGNPRC1	ADFMD03	ISP12370	CBL.CBLI350.ISPPLIB	OLD	SHR	0	FB	CBLM14	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.21	LGNPRC1	ADFMD03	ISP12363	DSN910.DB9G.SDSNEXIT	OLD	SHR	3	U	ZBDB91		
JGE	2019/02/14 12:36:58.23	LGNPRC1	ADFMD03	ISPMLIB	CBL.ISPMLIB	OLD	SHR	0	FB	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.23	LGNPRC1	ADFMD03	ISPMLIB	CBL.ISPMLIB	OLD	SHR	0	FB	CBLM06	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.24	LGNPRC1	ADFMD03	ISPSLIB	ISP.SISPSLIB	OLD	SHR	0	FB	A3RES1		
JGE	2019/02/14 12:36:58.25	LGNPRC1	ADFMD03	ISPPLIB	CBL.ISPPLIB	OLD	SHR	0	FB	CBLM04	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.25	LGNPRC1	ADFMD03	ISPPROF	JGE.S0W1.ISPF.ISPPROF	OLD	SHR	0	FB	A3SYS1		
JGE	2019/02/14 12:36:58.26	LGNPRC1	ADFMD03	ISPLLIB	CBL.SSC.EXE	OLD	SHR	6	U	CBLM02	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:36:58.56	LGNPRC1	ADFMD03	STEPLIB	CBL.STEPWK.LOAD	OLD	SHR	3	U	CBLM12	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:37:14.54	LGNPRC1	ADFMD03	SYS00001	SYS1.BROADCAST	OLD	SHR	1	F	A3SYS1		
JGE	2019/02/14 12:37:14.65	LGNPRC1	ADFMD03	SYSEXEC	CBL.EXEC	OLD	SHR	4	FB	CBLM01	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:37:14.78	LGNPRC1	ADFMD03	SYSPROC	USER.Z23A.CLIST	OLD	SHR	0	FB	A3CFG1		
JGE	2019/02/14 12:37:21.46	LGNPRC1	ADFMD03	SELCNAM	CBL.SELCOPY.NAM	OLD	SHR	2	VB	CBLM03	CBLDFLT	CBLDFLT
JGE	2019/02/14 12:37:21.68	LGNPRC1	ADFMD03	SYSIN	SYS19045.T123721.RA000	NEW		5	FB			
12019/02/14 14:53 SMF 14 Non-VSAM Input Datasets												

PAGE 2

Figure 19. Report Basic Output.

By default, grand total values will be displayed for every report column containing numeric data. This may be controlled in the **TOTALS:** section of the Report definition input.

Report - SORT, BREAK and TOTALS

Task:

Create a report displaying information for individual job steps that have been executed. Group report records by Job name and display the total number of EXCPs performed by executions of each job.

The report should contain the following columns, the values for which are found in fields defined within SMF type 30 subtype 4 records (records relating to common address space work - Job step totals):

- SMF 30 sub type name.
- Date and time that the Reader recognised the job's JOB card.
- Job Name.
- Job Step number.
- Job Step Program name.
- Job step completion code.
- Job step CPU time.
- Job step EXCP count.
- Address space DASD I/O connect time.
- Address space DASD I/O pending and control unit queue time.
- Address space DASD I/O start subchannel count.

Instead of executing the report utility in the SELCOPYi foreground, generate a job stream to be submitted to batch. Write the report to a RECFM=VBA dataset.

1. Report Definition
2. Report Utility Panel Input
3. Report Job Stream
4. Report Output

Report - SORT, BREAK and TOTALS Definition

Edit a member to be used as input to the utility and insert report definition control statements:

1. Open a Text Edit view for new member name "SMF30#4" belonging to the Report Definition library ("*userfx.SELCOPYI.RPT*"). This can be done via any of the following methods:

- ◆ Under **Report Definition**> in the Report Utility Panel, enter the library DSN in the **DSN/Path**> field and the new member name in the **Member**> field. Type panel primary command "E" to begin edit of the new member.

- ◆ Execute the Test Editor primary command:

```
EDIT userpfx.SELCOPYI.RPT(SMF30#4)
```

- ◆ Use the Text Editor entry panel (enter "="1")

2. Add some blank lines to the member by entering primary command "**ADD 33**".
3. Within the edit display, enter section header "**TITLE:**" and in the line below enter a title to appear in the header of each new page. Note that quotation marks (") and apostrophes (') will be treated as being part of the title text and therefore should not be used to enclose the title text.
4. On a line following the title text, enter section header "**COLUMNS:**". Column definitions are entered in the lines that follow.

The required SMF field names containing values to be reported may be obtained from the description of the **SMF type 30 record layout**. Alternatively, execute "**SMFFLD 30**" to display the description on-line.

Qualified SMF field name reference, column header name, column width and value alignment parameters may be specified as described for the **basic report definition** example.

5. In order to group report entries by job name, the entries must be sorted primarily by job name. (Secondary sort columns may still be specified.)

Following the "**COLUMN:**" definitions, enter section header "**SORT:**" and below it, enter the qualified SMF field name references in order of priority in which the report entries are to be sorted.

The qualified names of the SMF fields used for sorting must appear on separate lines and must each exactly match a qualified SMF field name specified in the **COLUMNS:** section.

The job name value is found in the field named "**zJOBNAME**" in segment "**SMF030_Identification**" so enter: "**SMF030_Identification.zJOBNAME**". Add another (secondary) sort field for reader timestamp ("**SMF030_Identification.zRST**").

By default, rows will be sorted in ascending order of job name, then ascending order of reader timestamp.

6. Because the report is to be sorted by job name, a break may be defined so that a visual gap in the reported values occurs when the job name changes. When a break occurs, sub-totals are displayed for each column in which totalling is active.

Following the "**SORT:**" field definitions, enter section header "**BREAK:**" and below it, enter the qualified SMF field name of the job name field. "**SMF030_Identification.zJOBNAME**".

7. By default, totalling will occur for **all** columns containing numeric data type values.

To restrict column totalling to only the EXCP count column, enter a section header "**TOTALS:**" following the "**BREAK:**" field name, then add the SMF field name of the EXCP field ("**SMF030_IO_Activity.zTEP**").

```
** NBJ.SELCOPYI.RPT(SMF30#4) *** L=001 --- 2019/02/15 15:45:16 (NBJ)
TITLE:
** SMF Record Type 30-4 (Step Term) Statistics **
COLUMNS:
SMF030_Common_Address_Space_Work.zSTYe  'Type'          10
SMF030_Identification.zRST                'Reader Timestamp'
SMF030_Identification.zJOBNAME            'Job Name'
SMF030_Identification.zSTN                'Step#'          5 RIGHT
SMF030_Identification.zPGM                'Prog name'
SMF030_Completion.zSCC                    'CC'             4 RIGHT
SMF030_Processor_Accounting.zCPT          'CPU Time'
SMF030_IO_Activity.zTEP                   'EXCPs'         10 RIGHT
SMF030_IO_Activity.zAIC                   'Connect Time'  12 RIGHT
SMF030_IO_Activity.zAIW                   'CtlUnit Time'  12 RIGHT
SMF030_IO_Activity.zAIS                    'I/O Starts'    11 RIGHT
SORT:
SMF030_Identification.zJOBNAME
SMF030_Identification.zRST
BREAK:
SMF030_Identification.zJOBNAME
TOTALS:
SMF030_IO_Activity.zTEP
```

Figure 20. Report Definition - SORT, BREAK, TOTALS.

Report - SORT, BREAK and TOTALS Panel Input

To obtain a report using the **SMF30#4** report definition for the SMF records contained in the latest generation dataset belonging to "CBL.SMF.GDG":

1. Open the **Report Utility Panel** and populate the **Report Definition:** and **SMF Dataset:** fields as described for **basic panel input**. Type member name **"SMF30#4"** in the **Member>** field.
2. Type **"30-4"** in the **Type(s)>** filter field so that only the required SMF record sub-types are passed to the report utility.
3. Do not impose an input record count or output record count limit by clearing the **Input Limit>** and **Output Limit>** fields.

- Note:**
1. SMF record type 30 subtype 4 corresponds specifically to job step totals in the common address space.
 2. SMF record subtypes may be specified as format **"nn#mm"** or **"nn-mm"** where **nn** is the SMF record type and **mm** is the sub-type.

4. To generate a job stream output suitable for submission to batch, enter **"B"** in the **Run Type>** field under **Options:**.
5. Type **"80"** in the **Page Depth>** field to override the default report pagedepth value.
6. Lastly, hit <Enter> to generate the job stream.

```

SELCOPY/i - SMF Formatted Report Utility
File Help
Command>
ZZSGSMFR
Report Definition:
  DSN/Path> NBJ.SELCOPYI.RPT Member> SMF30#4
SMF Dataset:
  DSN/Path> CBL.SMF.GDG Member> -1
Record Selection:
  Type(s) > 30-4 n1 n2 n3 etc
  Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time> Input Limit> recs
  Hi-Date/Time> Output Limit> recs
  Find String >
  User Id >
  Job Name >
  System Id > SYS1,SYS2 etc Logic : OR
Options:
  Format > OFFLINE ONLINE/OFFLINE
  Run Type > B F=FGRND B=BATCH C=CLI
  Output Type > P P=Print C=CSV J=JSON X=XML B=Browse
  Page Depth > 80 Leave blank to use current Data-Edit PAGEDEPTH value.
  Type EDIT (E) to edit the Report Definition file.
  Type INPUT (I) to browse the SMF Dataset.

```

Figure 21. Report Utility Panel with PAGEDEPTH.

Report - SORT, BREAK and TOTALS Job Stream

To run the report generation in batch, the SELCOPYi batch program (**SDEAMAIN**) must be executed. The control statement input (DD SDEIN) will contain an instance of the **SMFRPT** primary command.

Having created the job stream, the Report utility panel opens a Text Editor window view to display the generated JCL and in-stream control input statements. The text is held in-storage and assigned a temporary dataset name.

The job may be save to a member of a job library using the **SAVE** primary command. e.g. **SAVE NBJ.SMF.JCL(RPT0001)**.

A JOB card is created as defined in the **Batch Job Settings (=0.6)** SELCOPYi options panel. Otherwise a default is used.

When executed in batch, report output is written to DD SDEOUT. To write output to a new RECFM=VBA dataset ("**userpfx.SELCOPYI.SMF.RPT0001**"), replace the SDEPRINT DD statement with one that allocates a dataset DISP=NEW.

```

//T163434 JOB , ,CLASS=A,MSGCLASS=X,MSGLEVEL=(1,1),NOTIFY=&SYSUID    ***
//*|SELCOPYi ACTION key commands (OQ=Output Queue, OP=Operator Cmd).
//*<sub
//*<OQ T163434
//*<OP cancel T163434
//*
//*
//* -----
//* REPORT: SELCOPYi Report Utility - 2019/02/15 16:34
//* -----
//*
//REPORT EXEC PGM=SDEAMAIN
//STEPLIB DD DISP=SHR,DSN=DSN910.DB9G.SDSNEXIT
// DD DISP=SHR,DSN=DSN910.SDSNLOAD
// DD DISP=SHR,DSN=CBL.CBLI350.EXE
//*
//* ----- SORT work files beg -----
//SYSOUT DD SYSOUT=*
//SORTIN DD DISP=(NEW,PASS),SPACE=(TRK,(300,300)),
// DCB=(RECFM=VB,LRECL=1024,BLKSIZE=0,DSORG=PS)
//SORTOUT DD DISP=(NEW,PASS),SPACE=(TRK,(300,300)),
// DCB=*.SORTIN
//SYSIN DD DISP=(NEW,PASS),SPACE=(TRK,(001,001)),
// DCB=(RECFM=FB,LRECL=0080,BLKSIZE=0,DSORG=PS)
//* ----- SORT work files end -----
//*
//MYREPORT DD DISP=SHR,DSN=NBJ.SELCOPYI.SMF.RPT(SMF30#4)
//*
//* ----- Optional overrides beg -----
//*ZZSUSERI DD DISP=SHR,DSN=NBJ2.CBLI.INI
//*SDESDDO DD DISP=SHR,DSN=NBJ2.SELCOPYI.SMF.SDO
//*SMFMAP DD DISP=SHR,DSN=CBL.CBLI350.SMFMAP
//* ----- Optional overrides end -----
//*
//SDEPRINT DD SYSOUT=*,DCB=(RECFM=FBA,LRECL=133)
//SDEOUT DD DSN=NBJ.SELCOPYI.SMF.RPT0001,
// DCB=(RECFM=VBA,LRECL=133,BLKSIZE=0,DSORG=PS),
// DISP=(NEW,CATLG),
// SPACE=(TRK,(10,5),RLSE)
//*
//SDEIN DD *
REPORT RUN RPTDEF(DD=MYREPORT)
OUTPUTDD(SDEOUT )
PAGEDEPTH(80)
SMF-INPUT-BEGIN
CBL.SMF.GDG(-1)
OFFLINE
ILIM()
OLIM()
DATELO()
DATEHI()
TYPES(30-4)
USERID()
JOBNAME()
FIND()
SID()
LOGIC(OR)
SMF-INPUT-END
/*

```

Figure 22. Report Utility SMF Batch Job.

Type **SUBMIT (SUB)** to submit the job to batch.

Report - SORT, BREAK and TOTALS Output

12019/02/15 17:53		** SMF Record Type 30-4 (Step Term) Statistics **										PAGE	1
Type	Reader	Timestamp	Job Name	Step#	Prog name	CC	CPU Time	EXCPs	Connect Time	CtlUnit Time	I/O Starts		
Step Total	2019/02/12	14:38:17.54	FTPD1	1	BPXPRFC	0	00:00:00.06	232	00:00.000000	00:00.000000		0	
Step Total	2019/02/12	14:38:17.54	FTPD1	1	BPXPREFC	0	00:00:00.10	545	00:00.000256	00:00.000000		8	

777													
Step Total	2019/02/12	14:44:19.21	FTPD2	1	BPXPRFC	0	00:00:00.07	232	00:00.000000	00:00.000000		0	
Step Total	2019/02/12	14:44:19.21	FTPD2	1	BPXPREFC	0	00:00:00.12	542	00:00.000384	00:00.000000		8	

774													
Step Total	2019/02/12	14:28:21.01	FTPD7	1	BPXPRFC	0	00:00:00.07	234	00:00.000000	00:00.000000		0	
Step Total	2019/02/12	14:28:21.01	FTPD7	1	BPXPREFC	0	00:00:00.11	545	00:00.000256	00:00.000128		8	

779													
Step Total	2019/02/12	14:28:28.19	FTPD8	1	BPXPRFC	0	00:00:00.06	230	00:00.000000	00:00.000000		0	
Step Total	2019/02/12	14:28:28.19	FTPD8	1	BPXPREFC	0	00:00:00.10	540	00:00.000256	00:00.000000		8	

770													
Step Total	2019/02/12	14:32:04.39	FTPD9	1	BPXPRFC	0	00:00:00.07	232	00:00.000000	00:00.000000		0	
Step Total	2019/02/12	14:32:04.39	FTPD9	1	BPXPREFC	0	00:00:00.12	542	00:00.000128	00:00.000000		8	

774													
Step Total	2019/02/12	14:28:21.42	JGE	1	BPXPREFC	0	00:00:00.29	536	00:00.000384	00:00.000128		32	
Step Total	2019/02/12	14:28:28.52	JGE	1	BPXPREFC	0	00:00:00.29	534	00:00.000512	00:00.000000		30	
Step Total	2019/02/12	14:32:04.79	JGE	1	BPXPREFC	0	00:00:00.33	958	00:00.006720	00:00.000384		49	
Step Total	2019/02/12	14:38:17.88	JGE	1	BPXPREFC	0	00:00:00.31	638	00:00.000512	00:00.000128		34	
Step Total	2019/02/12	14:44:19.60	JGE	1	BPXPREFC	0	00:00:00.34	547	00:00.000256	00:00.000256		36	

3213													
Step Total	2019/02/12	10:08:01.62	JGESI	1	SDEAMAIN	0	00:00:01.28	1460	00:00.014592	00:00.002304		518	
Step Total	2019/02/12	10:33:22.47	JGESI	1	SDEAMAIN	0	00:00:01.17	1449	00:00.012288	00:00.002432		513	
Step Total	2019/02/12	10:34:15.24	JGESI	1	SDEAMAIN	0	00:00:01.16	1435	00:00.017536	00:00.004352		513	
Step Total	2019/02/12	10:37:14.73	JGESI	1	SDEAMAIN	0	00:00:01.15	1436	00:00.014720	00:00.003072		514	
Step Total	2019/02/12	10:39:07.86	JGESI	1	SDEAMAIN	0	00:00:01.14	1434	00:00.013824	00:00.001920		513	
Step Total	2019/02/12	10:43:12.39	JGESI	1	SDEAMAIN	0	00:00:01.13	1435	00:00.014720	00:00.002816		513	
Step Total	2019/02/12	10:44:52.76	JGESI	1	SDEAMAIN	0	00:00:02.31	2556	00:00.106240	00:00.015488		1633	
Step Total	2019/02/12	10:52:44.92	JGESI	1	SDEAMAIN	0	00:00:05.01	34268	00:02.467712	00:00.365568		33346	
Step Total	2019/02/12	11:51:54.56	JGESI	1	SDEAMAIN	0	00:21:14.74	32167	00:02.154368	00:00.291456		31227	
Step Total	2019/02/12	12:38:57.08	JGESI	1	SDEAMAIN	546	00:00:42.23	3628	00:00.137856	00:00.019456		2697	
Step Total	2019/02/12	12:50:39.59	JGESI	1	SDEAMAIN	546	00:01:41.70	5993	00:00.300416	00:00.045312		5071	
Step Total	2019/02/12	12:52:48.07	JGESI	1	SDEAMAIN	0	00:23:45.87	41181	00:02.576768	00:00.381440		40259	
Step Total	2019/02/12	14:08:32.20	JGESI	1	SDEAMAIN	2082	00:00:00.00	0	00:00.001408	00:00.000256		38	
Step Total	2019/02/12	14:08:56.70	JGESI	1	SDEAMAIN	2082	00:00:00.00	0	00:00.000896	00:00.000384		38	
Step Total	2019/02/12	14:09:07.73	JGESI	1	SDEAMAIN	546	00:00:02.67	1564	00:00.026496	00:00.004992		620	
Step Total	2019/02/12	14:09:22.87	JGESI	1	SDEAMAIN	546	00:00:10.48	1928	00:00.033152	00:00.007424		1005	

131934													
Step Total	2019/02/12	13:59:42.19	JGET1359	1	SELCOPY	0	00:00:13.84	47794	00:01.284608	00:00.179840		21652	
Step Total	2019/02/12	14:01:51.72	JGET1359	1	SLC	0	00:01:05.94	47956	00:01.782400	00:00.392064		47737	

95750													
Step Total	2019/02/12	14:44:33.81	RSHD1	1	IKJEFT01	0	00:00:00.21	107	00:00.002944	00:00.000896		96	

107													
Step Total	2019/02/12	14:44:49.48	SDEFSEO2	1	ASMA90	4	00:00:00.54	802	00:00.004736	00:00.001408		202	

802													
Step Total	2019/02/11	23:25:00.89	SMFCLEAR	1	IFASMFDP	0	00:00:02.78	15209	00:00.189952	00:00.057472		14612	
Step Total	2019/02/12	01:07:43.36	SMFCLEAR	1	IFASMFDP	0	00:00:02.86	15209	00:00.175488	00:00.053888		14614	
Step Total	2019/02/12	02:49:59.50	SMFCLEAR	1	IFASMFDP	0	00:00:02.87	15204	00:00.202112	00:00.055296		14610	
Step Total	2019/02/12	04:31:35.90	SMFCLEAR	1	IFASMFDP	0	00:00:02.84	15206	00:00.209536	00:00.062976		14611	
Step Total	2019/02/12	06:13:41.43	SMFCLEAR	1	IFASMFDP	0	00:00:02.45	15204	00:00.192512	00:00.054400		14611	
Step Total	2019/02/12	07:55:07.04	SMFCLEAR	1	IFASMFDP	0	00:00:03.03	15201	00:00.191872	00:00.050944		14610	
Step Total	2019/02/12	09:37:03.20	SMFCLEAR	1	IFASMFDP	0	00:00:02.61	15215	00:00.160256	00:00.053632		14614	
Step Total	2019/02/12	11:11:37.68	SMFCLEAR	1	IFASMFDP	0	00:00:02.83	15240	00:00.283776	00:00.058496		14619	
Step Total	2019/02/12	12:46:42.44	SMFCLEAR	1	IFASMFDP	0	00:00:02.55	15250	00:00.198016	00:00.060032		14621	
Step Total	2019/02/12	14:23:58.84	SMFCLEAR	1	IFASMFDP	0	00:00:02.87	15248	00:00.265088	00:00.057088		14619	

152186													
=====													
387866													
=====													

Figure 23. Report Output with SORT, BREAK and TOTALS.

Report - REPEAT

Task:

Create a report displaying the largest size and number of EXCP blocks issued for each DDName referenced by a job within the common address space. Generate totals for number of EXCP blocks issued only.

The report should contain the following columns, the values for which are found in fields defined within SMF type 30 subtype 5 records (records relating to common address space work - Job Termination):

- Job Name.
- Date and time that the Initiator selected the job.
- Date and time that the job ended (SMF record written).
- DDName.
- Number of EXCP blocks issued.
- Size of largest block.

The SMF type 30 records contain one Execute Channel Program (EXCP) secondary segment for each DDName referenced by the job or session. Therefore, the generated report output must contain one report line for each EXCP segment of the same SMF type 30 input record.

The first report line corresponding to a new SMF type 30 subtype 5 (job termination) record will include values for all columns. Subsequent report lines for the same record will contain only values for columns defined by the EXCP segment.

Execute the report utility in the SELCOPYi foreground to display the report in a Text Editor window view.

1. [Report Definition](#)
2. [Report Utility Panel Input](#)
3. [Report Output](#)

Report - REPEAT Definition

Edit a member to be used as input to the utility and insert report definition control statements:

1. Open a Text Edit view for new member name "SMF30#5" belonging to the Report Definition library ("*userpfx.SELCOPYI.RPT*"). This can be done via any of the following methods:
 - ◆ Under **Report Definition**> in the Report Utility Panel, enter the library DSN in the **DSN/Path**> field and the new member name in the **Member**> field. Type panel primary command "E" to begin edit of the new member.
 - ◆ Execute the Test Editor primary command:


```
EDIT userpfx.SELCOPYI.RPT(SMF30#5)
```
 - ◆ Use the Text Editor entry panel (enter "=1")
2. Add some blank lines to the member by entering primary command "**ADD 33**".
3. Within the edit display, enter section header "**TITLE:**" and in the line below enter a title to appear in the header of each new page. Note that quotation marks (") and apostrophes (') will be treated as being part of the title text and therefore should not be used to enclose the title text.
4. On a line following the title text, enter section header "**COLUMNS:**". Column definitions are entered in the lines that follow.

The required SMF field names containing values to be reported may be obtained from the description of the [SMF type 30 record layout](#). Alternatively, execute "**SMFFLD T030**" to display the description on-line.

Qualified SMF field name reference, column header name, column width and value alignment parameters may be specified as described for the [basic report definition](#) example.
5. If an SMF record potentially contains multiple instances of the same secondary segment type and report columns are defined from field values belonging to that secondary segment, then REPEAT must be used in order to output a new report record for each occurrence of the secondary segment.

The report record for second and subsequent occurrences of the repeating segment will contain only column values for fields belonging to the repeating segment. All other report columns will contain blank values.

Following the "**COLUMN:**" definitions, enter section header "**REPEAT:**" and below it, enter the name of each potentially repeating SMF secondary segment from which columns have been defined. Multiple secondary segment names may be specified.

The SMF type 30 EXCP segment contains I/O information for each DDName/Device address pair for the address space. Since the report includes column definitions for field values in this segment, enter the segment name under "**SMF030_EXCP**".

Since other report columns are defined by fields in non-repeating segments, no other segment names need to be specified.

By default, a new report record will be written for each new primary segment (i.e. each new SMF record). Only the field values belonging to the last occurrence of a repeating secondary segment would be displayed in the report.

- Finally, include a "TOTALS:" entry for the Number of EXCP blocks column ("SMF030_EXCP.zEXP.zBLK") to restrict totalling to this column only.

```

** NBJ.SELCOPYI.RPT(SMF30#5) *** L=001 --- 2019/02/25 16:20:55 (NBJ)
TITLE:
  Job/DD EXCPs Report (from SMF Type 30 Subtype 5)
COLUMNS:
SMF030_Identification.zJOBNAME      'Job Name'
SMF030_Identification.zSIT         'Job Start'
SMF030_Common_Address_Space_Work.zTME 'Job End'
SMF030_Identification.zJESJOB      'JES Jobname'
SMF030_Identification.zRUD         'RACF User'
SMF030_EXCP.zEXP.zDDN              'DDName'
SMF030_EXCP.zEXP.zBLK               'EXCP Blks'          9 RIGHT
SMF030_EXCP.zEXP.zBSZ.zBSZLarge    'Largest Blk'       11 RIGHT
SMF030_EXCP.zEXP.zCUA              'DEV#'
REPEAT:
  SMF030_EXCP
TOTALS:
  SMF030_EXCP.zEXP.zBLK

```

Figure 24. Report Definition - REPEAT.

Report - REPEAT Panel Input

To obtain a report using the **SMF30#5** report definition for the SMF records contained in the latest generation dataset belonging to "CBL.SMF.GDG":

- Open the **Report Utility Panel** and populate the **Report Definition:** and **SMF Dataset:** fields as described for **basic panel input**. Type member name "**SMF30#5**" in the **Member>** field.
- Type "**30-5**" in the **Type(s)>** filter field so that only the required SMF record sub-types are passed to the report utility.

- Note:**
- SMF record type 30 subtype 5 corresponds specifically to job termination or termination of other work unit in the common address space.
 - SMF record subtypes may be specified as format "*nn#mm*" or "*nn-mm*" where *nn* is the SMF record type and *mm* is the sub-type.

- To execute the job in the SELCOPYi foreground, enter "**F**" in the **Run Type>** field under **Otions:**.
- Type "200" in the **Page Depth>** field to override the default report pagedepth value.
- Lastly, hit <Enter> to generate the report output.

```

SELCOPY/i - SMF Formatted Report Utility
File Help                                     wS wR
Command>                                     Scroll> Csr
ZZSGSMFR                                     Lines 1-28 of 28
Report Definition:
  DSN/Path> NBJ.SELCOPYI.RPT                   Member> SMF30#5
SMF Dataset:
  DSN/Path> CBL.SMF.T030                       Member>
Record Selection:
  Type(s) > 30-5                               n1 n2 n3 etc
  Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time>                               Input Limit>
  Hi-Date/Time>                               Output Limit>
Find String >
User Id >                                     +
Job Name >                                   UID1,UID2 etc
System Id >                                  JOB1,JOB2 etc
                                           AND / OR
Options:
Format > OFFLINE                             ONLINE/OFFLINE
Run Type > F                                 F=FGRND B=BATCH C=CLI
Output Type > B                               P=Print C=CSV J=JSON X=XML B=Browse
Page Depth > 200                             Leave blank to use current Data-Edit PAGEDEPTH value.
Type EDIT (E) to edit the Report Definition file.
Type INPUT (I) to browse the SMF Dataset.

```

Figure 25. Report Utility Panel with Output Limit.

Report - REPEAT Output

See basic report output for description of SELCOPYi foreground execution output.

12019/02/26 10:44		Job/DD EXCPs Report (from SMF Type 30 Subtype 5)						PAGE	1
Job Name	Job Start	Job End	JES Jobname	RACF User	DDName	EXCP Blks	Largest Blk	Dev#	
RSHD1	2019/02/22 13:53:35.39	2019/02/22 13:53:36.40	JOB06566	JGE	SYSRINT	0	0	0000	
					SYSSTIN	0	0	0000	
					SYSUDUMP	0	0	0000	
					SYSABEND	0	0	0000	
					SDSFDUMP	0	0	0000	
					SYSTSPRT	0	0	0000	
					SYSTEM	0	0	0000	
					SYS00002	0	0	0000	
					SYS00001	11	32720	0AD1	
					STEPLIB	13	32760	0AD4	
					SYSIN	86	23440	0AD5	
CNVFFORM	2019/02/22 13:53:35.84	2019/02/22 13:53:39.06	JOB06567	JGE	SYSLIB	40	23440	0AD5	
					SYSLIB	75	23440	0AD3	
					SYSLIB	32	23440	0AE2	
					SYSLIB	95	23440	0AE3	
					SYSLIB	21	23440	0AD6	
					SYSLIB	6	23440	0AD7	
					SYSLIB	0	23440	0AD1	
					SYSLIB	0	23440	0A80	
					SYSLIB	0	23440	0A92	
					SYSLIB	6	23440	0AA0	
					SYSLIN	38	3120	0AD1	
					SYSRINT	207	23474	0AD2	
					SYSADATA	699	23476	0ADA	
					SYSPUNCH	0	0	0000	
					SYSUT1	0	0	7FFF	
					APEOBJ	23	3120	0AD1	
					SYSMOD	66	23200	0AD6	
SYSRINT	41	23474	0AD7						
RSHD1	2019/02/22 13:54:15.16	2019/02/22 13:54:15.94	JOB06568	JGE	SYSLIN	0	0	0000	
					SYSRINT	0	0	0000	
					SYSSTIN	0	0	0000	
					SYSUDUMP	0	0	0000	
					SYSABEND	0	0	0000	
					SDSFDUMP	0	0	0000	
					SYSTSPRT	0	0	0000	
					SYSTEM	0	0	0000	
					SYS00002	0	0	0000	
					SYS00001	9	32720	0AD1	
					SYSLIN	20	23440	0AD1	
SDELIB	2019/02/22 13:54:15.56	2019/02/22 13:54:22.59	JOB06569	JGE	AZZSMOD	2212	23200	0AD6	
					SYSLIB	0	0	0AD4	
					SYSMOD	428	23200	0AD4	
					SYSRINT	120	4840	0AD6	
					SYSUT1	0	0	7FFF	
					STEPLIB	41	32760	0AD4	
					STEPLIB	15	32760	0AD2	
					SYSEXEC	10	32720	0AD1	
					SYSEXEC	0	32720	0AD3	
					SYSUADS	0	0	0A83	
					SYSLBC	0	0	0A82	
SYSTSPRT	0	0	0000						
SYSSTIN	0	0	0000						
SYS00001	131	4840	0AD6						
DBDEF	38	32760	0AD3						
RSHD1	2019/02/22 13:54:22.32	2019/02/22 13:54:24.32	JOB06570	JGE	SYSRINT	0	0	0000	
					SYSSTIN	0	0	0000	
					SYSUDUMP	0	0	0000	
					SYSABEND	0	0	0000	
					SDSFDUMP	0	0	0000	
					SYSTSPRT	0	0	0000	
					SYSTEM	0	0	0000	
					SYS00002	0	0	0000	
					SYS00001	9	32720	0AD1	
					SYSLIN	29	23440	0AD1	
					AZZSMOD	3915	23200	0AD6	
CBLDLL	2019/02/22 13:54:23.96	2019/02/22 13:54:33.34	JOB06571	JGE	SYSLIB	0	0	0AD4	
					SYSMOD	724	23200	0AD4	
					SYSRINT	216	4840	0AD6	
					SYSUT1	0	0	7FFF	
					STEPLIB	41	32760	0AD4	
					STEPLIB	15	32760	0AD2	
					SYSEXEC	8	32720	0AD1	
					SYSEXEC	0	32720	0AD3	
					SYSUADS	0	0	0A83	
					SYSLBC	0	0	0A82	
					SYS00001	227	4840	0AD6	
DBDEF	42	32760	0AD3						

=====
9709
=====

Figure 26. Report Output with REPEAT.

Report - FILTER

Task:

Create a report displaying statistics for VSAM clusters and components at OPEN time. Group the report records by job name and apply a filter so that the report does not include VSAM components that have zero number of records or have been opened by jobs with a job name beginning "SMF".

The report should contain the following columns, the values for which are found in fields defined within SMF Type 64 records (records relating to VSAM Component or Cluster status):

- Job Name.
- Date and time that the Reader recognised the job's JOB card.
- VSAM Cluster/Component name.
- Last extent Volume id.
- Last extent Device CUU.
- Last extent beginning cylinder and track.
- Last extent ending cylinder and track.
- Total number of extents.
- Total number of logical records.
- Total number of deleted records.
- Total number of CI splits.
- Total number of CA splits.
- Number of EXCPs issued.

To improve readability, output a blank value in the number of deletes, CI splits and CA splits columns when the value is 0 (zero).

Execute the report utility in the SELCOPYi foreground to display the report in a Text Editor window view.

1. [Report Definition](#)
2. [Report Utility Panel Input](#)
3. [Report Output](#)

Report - FILTER Definition

Edit a member to be used as input to the utility and insert report definition control statements:

1. Open a Text Edit view for new member name "SMF64" belonging to the Report Definition library ("*userpfx*.SELCOPYI.RPT") and add some lines. See [report definition](#) for the SORT, BREAK and TOTALS example.
2. Enter "TITLE:", "COLUMN:", "SORT:" and "BREAK:" entries referencing the required SMF record field names as appropriate.

The required SMF field names containing values to be reported may be obtained from the description of the [SMF type 64 record layout](#). Alternatively, execute "SMFFLD 64" to display the description on-line.

3. Following the "BREAK:" definitions, enter section header "BLANKIFZERO:" (or "BIZ:") and below it, enter the name of each column field for which a blank will be substituted for a 0 (zero) value. i.e. "SMF064_VSAM_Component_or_Cluster_Status.zNDE", "SMF064_VSAM_Component_or_Cluster_Status.zNCS" and "SMF064_VSAM_Component_or_Cluster_Status.zNAS".
4. To exclude records with a job name beginning "SMF" or records with a VSAM component record count of 0 (zero) on OPEN, a **FILTER:** section header must be included.

Following this, enter a Data Editor [expression](#) that returns a numeric result. The result is Boolean in nature so that a zero value indicates a "false" condition and a non-zero value indicates a "true" condition.

Data Editor expressions support terms that are [field name](#) references, [function calls](#) and [sub-expressions](#). Each of these terms are linked by [arithmetic](#), [relational](#) and/or [logical](#) operators.

If the result of the expression is "true" then the record is selected for processing otherwise it is discarded.

```

** NBJ.SELCOPYI.RPT(SMF64) *** L=001 --- 2019/02/26 14:08:17 (NBJ)

TITLE:
  VSAM Component/Cluster stats from SMF 64 records

COLUMNS:
SMF064_VSAM_Component_or_Cluster_Status.zJOBNAME 'Job Name'
SMF064_VSAM_Component_or_Cluster_Status.zRST    'Reader Time'
SMF064_VSAM_Component_or_Cluster_Status.zDNM    'Component Name' 23 LEFT
SMF064_VSAM_Component_or_Cluster_Status.zVSN    'Volume'
SMF064_VSAM_Component_or_Cluster_Status.zCUU    'CUU'
SMF064_VSAM_Component_or_Cluster_Status.zFCC    'Beg CC,HH'
SMF064_VSAM_Component_or_Cluster_Status.zTCC    'End CC,HH'
SMF064_VSAM_Component_or_Cluster_Status.zNEX    'Exts'           4 RIGHT
SMF064_VSAM_Component_or_Cluster_Status.zNLR    'Recs'           4 RIGHT
SMF064_VSAM_Component_or_Cluster_Status.zNDE    'Dels'           4 RIGHT
SMF064_VSAM_Component_or_Cluster_Status.zNCS    'CI Split'      5 RIGHT
SMF064_VSAM_Component_or_Cluster_Status.zNAS    'CA Split'      5 RIGHT
SMF064_VSAM_Component_or_Cluster_Status.zNEP    'EXCPs '        7 RIGHT

SORT:
SMF064_VSAM_Component_or_Cluster_Status.zJOBNAME
SMF064_VSAM_Component_or_Cluster_Status.zRST

BREAK:
SMF064_VSAM_Component_or_Cluster_Status.zJOBNAME

BIZ:
SMF064_VSAM_Component_or_Cluster_Status.zNDE
SMF064_VSAM_Component_or_Cluster_Status.zNCS
SMF064_VSAM_Component_or_Cluster_Status.zNAS

FILTER:
SMF064_VSAM_Component_or_Cluster_Status.zJOBNAME \>> 'SMF'
AND
SMF064_VSAM_Component_or_Cluster_Status.zNLR    > 0

```

Figure 27. Report Definition - FILTER.

Report - FILTER Panel Input

Prior to report generation, the **extract** utility may be executed to gather all SMF type 64 records from all generations of GDG "CBL.SMF.GDG" and write them to a physical sequential dataset "CBL.SMF.T064".

To obtain a report using the **SMF64** report definition for the SMF records contained in dataset "CBL.SMF.T064":

1. Open the **Report Utility Panel** and populate the **Report Definition:** and **SMF Dataset:** fields as described for **basic panel input**. Type member name "**SMF64**" in the **Member>** field and "**CBL.SMF.T064**" in the **DSN/Path>** field under **SMF Dataset:**
2. Remove all values from **Record Selection:** field entries.
3. To execute the job in the SELCOPYi foreground, enter "**F**" in the **Run Type>** field under **Otions:**.
4. Type "200" in the **Page Depth>** field to override the default report pagedepth value.
5. Lastly, hit <Enter> to generate the report output.

```

SELCOPY/i - SMF Formatted Report Utility
File Help          wS wR
Command>          Scroll> Csr
ZZSGSMFR          Lines 1-27 of 27
Report Definition:
  DSN/Path> NBJ.SELCOPYI.SMF.RPT      Member> SMF64

SMF Dataset:
  DSN/Path> CBL.SMF.T064              Member> @

Record Selection:
  Type(s) > _____ n1 n2 n3 etc
  Format:  yyyy/mm/dd hh:mm:ss.tt (Full or partial)
  Lo-Date/Time> _____ Input Limit> _____ recs
  Hi-Date/Time> _____ Output Limit> _____ recs

  Find String > _____ +
  User Id > _____ UID1,UID2 etc
  Job Name > _____ JOB1,JOB2 etc
  Logic : OR AND / OR

Options:
  Format > OFFLINE ONLINE/OFFLINE
  Run Type > F F=FGRND B=BATCH C=CLI
  Page Depth > 200 Leave blank to use current Data-Edit PAGEDEPTH value.

  Type EDIT (E) to edit the Report Definition file.
  Type INPUT (I) to browse the SMF Dataset.

```

Figure 28. Report Utility Panel with Extracted Records as Input.

Report - FILTER Output

See basic report output for description of SELCOPYi foreground execution output.

12019/02/26 17:00		VSAM Component/Cluster stats from SMF 64 records											PAGE	1				
Job Name	Reader Time	Component Name	Volume	CUU	Beg	CC,HH	End	CC,HH	Exts	Recs	Dels	CI	Split	CA	Split	EXCPs		
DJG	2019/02/25 10:30:43.21	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98072		
DJG	2019/02/25 10:30:43.21	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49077		
DJG	2019/02/25 10:30:43.21	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98074		
DJG	2019/02/25 10:30:43.21	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49078		
DJG	2019/02/26 10:39:02.83	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98088		
DJG	2019/02/26 10:39:02.83	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49085		
									6	63						441474		
JGE	2019/02/25 09:25:58.57	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98070		
JGE	2019/02/25 09:25:58.57	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49076		
JGE	2019/02/26 09:33:41.45	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98080		
JGE	2019/02/26 09:33:41.45	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49081		
JGE	2019/02/26 09:33:41.45	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98082		
JGE	2019/02/26 09:33:41.45	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49082		
JGE	2019/02/26 09:33:41.45	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98084		
JGE	2019/02/26 09:33:41.45	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49083		
									8	84						588638		
NBJ	2019/02/25 09:28:58.35	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98068		
NBJ	2019/02/25 09:28:58.35	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49075		
NBJ	2019/02/25 09:28:58.35	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98076		
NBJ	2019/02/25 09:28:58.35	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49079		
NBJ	2019/02/26 10:30:49.49	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98086		
NBJ	2019/02/26 10:30:49.49	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49084		
NBJ	2019/02/26 10:30:49.49	NBJ.CBLIDEMO.V0000.KSDS	CBLM05	0AD5	009A,0000	009A,0006			5	500			22		8	11569		
NBJ	2019/02/26 10:30:49.49	NBJ.CBLIDEMO.V0000.KSDS	CBLM05	0AD5	0048,0003	0048,0003			1	13			8			795		
NBJ	2019/02/26 10:30:49.49	NBJ.FSU.TEST.KSDS.DATA	CBLM03	0AD3	04B5,0003	04B5,000A			3	403						735		
NBJ	2019/02/26 10:30:49.49	NBJ.FSU.TEST.KSDS.INDEX	CBLM03	0AD3	0433,000E	0433,000E			1	10						269		
									16	989						454836		
NBJ2	2019/02/25 17:36:13.10	CBL.DBI.SILOG.DATA	CBLM05	0AD5	0253,0000	0253,000E			1	20						98078		
NBJ2	2019/02/25 17:36:13.10	CBL.DBI.SILOG.INDEX	CBLM05	0AD5	004A,0009	004A,0009			1	1						49080		
									2	21						147158		
NFSS	2019/01/04 09:55:47.91	NFS.LDBASE.DATA	A3SYS1	0A82	146A,0000	146A,000E			1	1						2		
NFSS	2019/01/04 09:55:47.91	NFS.LDBASE.INDEX	A3SYS1	0A82	1415,000B	1415,000B			1	1						3		
NFSS	2019/01/04 09:55:47.91	CBL.NFS.FHDBASE2.DATA	CBLM08	0AD8	002B,0002	002B,0002			1	1						2		
NFSS	2019/01/04 09:55:47.91	CBL.NFS.FHDBASE2.INDEX	CBLM08	0AD8	002B,0003	002B,0003			1	1						3		
NFSS	2019/01/04 09:55:47.91	NFS.LDBASE2.DATA	A3SYS1	0A82	146B,0000	146B,000E			1	1						2		
NFSS	2019/01/04 09:55:47.91	NFS.LDBASE2.INDEX	A3SYS1	0A82	1415,000C	1415,000C			1	1						3		
NFSS	2019/01/04 09:55:47.91	CBL.NFS.FHDBASE.DATA	CBLM08	0AD8	002B,0000	002B,0000			1	1						2		
NFSS	2019/01/04 09:55:47.91	CBL.NFS.FHDBASE.INDEX	CBLM08	0AD8	002B,0001	002B,0001			1	1						3		
									8	8						20		
									====	====						====		
									40	1165						30	8	1632126
									====	====						====		

Figure 29. Report Output with FILTER.

SMF Utilities Reference

This chapter contains reference information for SELCOPYi SMF utility panels, commands and Report definition syntax.

Utility Panels

SELCOPYi SMF utility panels provide a user friendly interface to execution of the individual utilities.

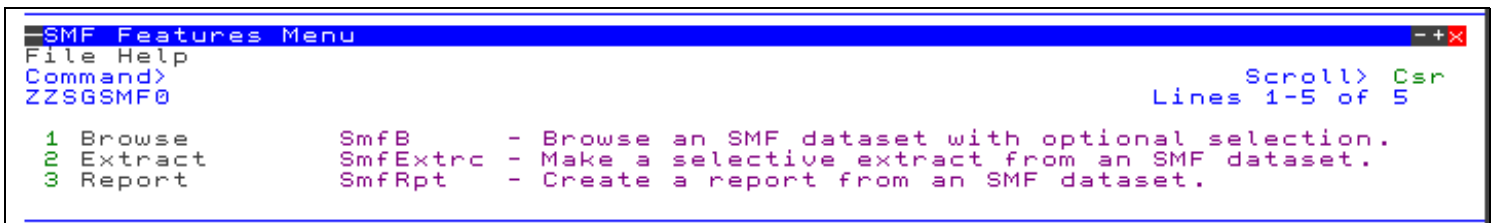
Input fields provide the method by which a user communicates requests to the utility.

- SMF Features Menu (=13)
- Browse Utility Panel (=13.1)
- Extract Utility Panel (=13.2)
- Report Utility Panel (=13.3)

SMF Features Menu (=13)

SELCOPYi SMF Utilities may be started via primary commands (that may also be executed in batch using program SDEAMAIN) or via the SELCOPYi interactive panel menus.

Select item 13 from the SELCOPYi Primary options menu (or type =13 from any SELCOPYi command prompt) to display the SMF Feature Menu.



```
SMF Features Menu
File Help
Command>
ZZSGSMF0                               Scroll> Csr
                                         Lines 1-5 of 5

 1 Browse                               SmfB      - Browse an SMF dataset with optional selection.
 2 Extract                               SmfExtrc  - Make a selective extract from an SMF dataset.
 3 Report                               SmfRpt    - Create a report from an SMF dataset.
```

Figure 30. SELCOPYi SMF Features Menu.

Browse Utility Panel (=13.1)

```

SELCOPY/i - SMF Formatted Browse Utility
File Upd-Layouts Mapped-Types Help
Command>
ZZSGSMFB
SMF Dataset:
DSN/Path> _____ Member> _____

Record Selection:
Type(s) > _____ n1 n2 n3 etc
Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
Lo-Date/Time> _____ Input Limit> _____ recs
Hi-Date/Time> _____ Output Limit> _____ recs
Find String > _____ +
User Id > _____ UID1,UID2 etc
Job Name > _____ JOB1,JOB2 etc
System Id > _____ SYS1,SYS2 etc Logic : OR AND / OR

Options:
Format > OFFLINE ONLINE/OFFLINE Segment> SHADOW
Layout > F F=Full/B=Basic
  
```

Figure 31. Browse Utility Panel (=13.1).

The SMF Formatted Browse Utility panel (ZZSGSMFB) is an **interactive panel window**, used to view a dataset containing SMF records.

The utility supports viewing either the "**SYS1.xxxx.MANn**" dataset format (VSAM ESDS with 4-byte "RDW" prefix) that is written to directly by SMF, or the dataset format written by the **SMF DUMP utility** (normally **RECFM=VBS** with no 4-byte "RDW" prefix).

Primary command **SMFB** provides a Command Line Interface (CLI) to the options on this panel.

The panel may be opened via the following:

- Select option 1. 'Browse' from the SMF option menu (=13).
- Execute the primary command "SMFB" with no parameters from any command line.
- Execute the line-command "SMFB /" from a file **list window**.

Storage Management

If none of the record selection options TYPES, DATELO, DATEHI, USERID, JOBNAME, SYSID or FIND are specified, then only the first group of 100 records are initially loaded. Thereafter, additional groups of 100 records are loaded (and unloaded) as required (e.g. when scrolling vertically or on execution of a search or filter command). Beyond a few hundred records, SELCOPYi will attempt to minimise the amount of storage used by unloading as many groups of 100 records as possible.

If any of these record selection options are specified, then the same technique applies except that the record group size starts at 1 and increments by 1 up to a maximum of 50 records. This is to minimize the amount of storage and I/O required in order to display each screen of selected records.

Menu Bar Items

File
The File drop-down menu contains the single item "Exit" which simply closes the panel window. Note that, unlike CANCEL, CLOSE will save field values entered in the panel so that they may be redisplayed the next time the panel is opened.

Upd-Layouts
Select this option only when you wish to refresh your own copy of SMF Record layout structures from the SELCOPYi supplied defaults.

This will typically be because Compute (Bridgend) Ltd have added layouts for previously unmapped SMF record types, or made enhancements/corrections to existing ones.

The SMF-Browse utility will normally automatically detect CBL supplied updates and carry out this operation unprompted.

Note that the user's SDO library is created and loaded the first time the SMF Browse or Report utility is started.

Mapped-Types

Views the CBL supplied 'hlq.SZZSDIST.SMFMAP(BASENAMS)' library member.

This member lists the SMF Record Types that are comprehensively mapped by SELCOPYi (others display as basic "SMFnnn" layout).

Please contact CBL if the SMF record type you are interested in is not yet handled by SELCOPYi - we will endeavour to provide a mapping as soon as possible.

Help

Display help for this panel view.

Panel Input Fields

By default, field entries are populated with arguments and options that were entered the last time the panel was used.

SMF Dataset :

Input fields which together identify a single existing, sequential or VSAM data set, GDG file generation, HFS file or PDS/PDSE library member containing the SMF records to be browsed.

DSN/Path>

Identifies the fully qualified data set name or an absolute or relative HFS file path.

Dataset names beginning with "." (dot) will be treated as having the user's DSN prefix as defined by the User INI variable System.UserDSNPrefix.

A selectable list of data sets or HFS files will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent).

Member>

If the **DSN/Path>** field contains the DSN of a PDS/PDSE library, then this field may specify the name of an existing member within that library.

A selectable list of members will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent), or is blanked out.

Alternatively, this field may also be used to enter the **relative generation number** of a **GDG** (e.g. 0 or -10). If the **DSN/Path>** field contains the name of a GDG but no generation is specified in the **Member>** field, then relative generation 0 is default.

Record Selection:

Fields which together specify values by which SMF records may be filtered. Only records that satisfy the specified selection criteria are loaded and retained for subsequent browse.

A combination of record filtering input fields values may be specified, each relating to one of the following record filtering classes:

1. Input record limit (Input Limit>)
2. Output record limit (Output Limit>)
3. Earliest timestamp (Lo-Date/Time>)
4. Latest timestamp (Hi-Date/Time>)
5. Content match (Type(s)>, Find String>, User Id>, Job Name> and System Id>)

In order to be selected, a record must return a true condition for **all** the record filtering classes for which values have been specified. If no record filtering field values are specified, then all records are selected for display.

The "Content match" class encompasses filter criteria derived from values entered in any combination of the input fields **Type(s)>**, **Find String>**, **User Id>** and **Job Name>**. Each of these fields will return a true or false condition if it contains a test value.

The overall condition returned by the "Content match" class is based on the logical relationship between each of these fields. The value specified by the **Logic:** field determines this relationship as follows:

- ◇ For value "**OR**", a true condition will be returned for the "Content match" class if at least **one** of the "Content match" input fields for which a value has been entered returns a true condition.
- ◇ For value "**AND**", a true condition will be returned for the "Content match" class if **all** of the "Content match" input fields for which a value has been entered return a true condition.

Each of the "Content match" fields (Type(s)>, Find String>, User Id> and Job Name>) support specification of multiple, **alternate** values. If any of these alternate values match the data in the record, then a true condition will be returned for that field.

e.g. If "62,64" is specified in the **Type(s)>** field, "XJH23,XNZ14" is entered in the **User Id>** field and the value of the **Logic:** field is "AND", then the "Content match" class will return a true condition if the SMF record is identified as being either type 62 or 64 **AND** it contains a userid value of either "XJH23" or "XNZ14".

Type(s) >

Type(s)> is one of the "Content match" class fields and specifies the SMF record types and/or subtypes to be selected.

A list of alternate record type numbers may be provided, each separated by either blank and/or comma.

If a record is of any of the specified SMF record types or SMF record subtypes then a true condition will be returned for the **Type(s)>** field. Otherwise a false condition is returned.

You may also specify a range of type numbers as **rr1:rr2** e.g. "60:69" is equivalent to "60,61,62,63,64,65,66,67,68,69".

To request a subtype (*ss*) of a record type (*rr*) you may specify either **rr-ss** or **rr#ss**. i.e. the record type number followed by either a hyphen "-" or a hash "#" followed by the record subtype number.

Where a subtype is not included on a type specification, a colon ":" may be inserted between 2 record type values to identify a range of record types. e.g. 60:69 may be used to identify all SMF record types between 60 and 69 inclusively.

Lo-Date/Time>

A timestamp in the format **yyyy/mm/dd hh:mm:ss.t** which identifies the earliest date and time at which an SMF record may have been written in order to be eligible for selection.

The timestamp may be abbreviated to specify a partial date and time as required. e.g. **2018/09/12** will be treated as **2018/09/12 00:00:00.0** so that any SMF record written on or after this date will satisfy the low date criterion.

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

Hi-Date/Time>

A timestamp in the format **yyyy/mm/dd hh:mm:ss.t** which identifies the latest date and time at which an SMF record may have been written in order to be eligible for selection.

The timestamp may be abbreviated to specify a partial date and time as required. e.g. **2018/09** will be treated as **2018/09/99 99:99:99.9** so that any SMF record written on or before this date will satisfy the high date criterion.

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

Input Limit>

The maximum number of records that may be read from the SMF Dataset for potential selection.

The input record count is incremented by 1 each time a record is read and then tested against the input limit value. If the count exceeds the input limit value, no further records are read. This processing occurs before all other record selection criteria is applied.

An input limit of "0" (zero) is not sensible and so is ignored.

See [Output Limit](#) for examples of input and output limit specification.

Output Limit>

The maximum number of records that may be selected for browse. This value applies to SMF records that satisfy all other selection criteria have been applied.

Once the output limit has been reached, no more records will be read from the SMF input dataset. Similarly, no more records are read when the input limit has been reached (even if the output limit has not yet been reached).

If record selection is based on **multiple entries** specified in the **Type(s)>** field, then the output limit applies to each of the record type entries provided that either of the following is true:

1. No record selection criteria is specified in the **Find String>**, **User Id>** and **Job Name>** fields.
2. The **Logic:** option is set to **AND**.

An output limit of "0" (zero) is not sensible and so is ignored.

Examples ...

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)    > 14
|
| Input Limit> 5000
| Output Limit>
```

Only the first 5000 records will be read from "CBL.SMF.GDG(0)" from which any number of type 14 records may be selected and those will be displayed in the browse session.

All selected records will be kept in storage for the duration of the browse session.

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)    > 14
|
```

```
|   Input Limit>
|   Output Limit> 50
```

As the browsed record display is scrolled forwards, records will be read from "CBL.SMF.GDG(0)" until 50 type 14 records have been selected.

Therefore, if the first 50 records read are all type 14, then only 50 records will be read. However, if there are fewer than 50 type 14 records in "CBL.SMF.GDG(0)" then, ultimately, the whole file may be read regardless of the number of records it contains.

```
|   DSN/Path> CBL.SMF.GDG
|
|   Type(s)    > 14
|
|   Input Limit> 5000
|   Output Limit> 50
```

No more than 5000 records will be read from "CBL.SMF.GDG(0)" regardless of whether the output limit has been reached.

If the first 100 records include 50 type 14 records, then only 100 records will be read.

```
|   DSN/Path> CBL.SMF.GDG
|
|   Type(s)    > 14 15 30
|
|   Input Limit>
|   Output Limit> 10
```

If no other selection criteria is specified or the logical operator is "AND", then records will be read from "CBL.SMF.GDG" until up to 10 of each of the specified record types (14, 15 and 30) are found.

Therefore, a maximum of 30 records may be selected in total.

Find String>

Find String> is one of the "Content match" class fields and specifies one or more alternate, comma separated strings to be located at any position within an SMF record.

If a record contains any of the search strings then a true condition will be returned for the **Find String>** field. e.g.

```
Find String> SYS1.MACLIB, SYS1.MIGLIB, SYS1.MODGEN, SYS1.MSGEN
```

Find strings may be specified as any of the following:

- ◇ An **unquoted** string.

Alpha character matching is case-insensitive unless **wildcard** characters are used. The string must not match a FIND command keyword and must not contain comma or blank characters. e.g. **ABC**.

- ◇ A **quoted** string (using either apostrophes or quotation marks).

Alpha character matching is case-insensitive unless **wildcard** characters are used. e.g. 'A,B C' and "a,b C" are equivalent.

- ◇ A **character literal** string specified as a quoted string prefixed with "C".

Alpha character matching is case-sensitive and may include **wildcard** characters. e.g. C'A,B C' and C'a,b c'. are **not** equivalent.

- ◇ A **hexadecimal** string specified as a quoted string of hex digits prefixed with "X". e.g. x'81C2C340'.

- ◇ A **picture** string specified as a quoted string prefixed with "P".

Special characters represent generic groups of characters as described below. Any character in a picture string that is not one of these special characters is untranslated. e.g. P'A##-BC'.

String	Description
P'='	Any character.
P'-'	Any non-blank character.
P'.'	Any non-displayable character.
P'#'	Any numeric character. 0-9.
P'.'	Any non-numeric character.
P'@'	Any uppercase or lowercase alpha character.
P'<'	Any lowercase alpha character.
P'>'	Any uppercase alpha character.
P'\$'	Any non-alphanumeric special character.

- ◇ A **regular expression** string specified as a quoted string prefixed with "R".

Regular expressions enable powerful string pattern matching at the cost of rather complex syntax and potentially extended command processing time.

For syntax and usage see [Regular Expressions](#) in the Text Editor documentation. e.g. `R'A:d+x'` would match the upper case character "A" followed by 1 or more numeric digits followed by character "x".

◇ An **unquoted, quoted or character literal** string containing one or more **wildcard** characters.

Single-character wildcard '%' (percent) represents exactly one occurrence of any character. Multiple-character wildcard '*' (asterisk) represents zero or more occurrences of any character.

Beware of the following when using wildcard characters in a find string:

1. Alpha character matching becomes case-sensitive even in **unquoted** and **quoted** strings.
2. For find strings containing a multiple-character wildcard, once a match has been found on the characters in the find string that precede it, the characters in the find string that follow it may be matched at any subsequent location within the SMF record. e.g. For find string 'ABC*DEF', 'ABC' may be matched in the first three characters of the record and 'DEF' in the last three characters of the record.

The panel entry field for this option is 45 bytes in length. To specify values longer than this, position the cursor in the **Find String>** input field and press shift-F2 (**EXPAND**). A text edit window will be displayed allowing you to enter long find string values over multiple lines.

User Id>

User Id> is one of the "Content match" class fields and specifies one or more alternate, comma separated user id values to be matched in SMF record types known to contain a User Id field (**zUserId**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the user id values then a true condition will be returned for the **User Id>** field. If no match is found or the SMF record is not of a type known to contain a User Id field at a fixed location, then a false condition will be returned.

A user id value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **Find String>** input field. e.g. A user id search string '*1' will match a user id value of any length (maximum 8) that ends with 1. A user id search string 'ABC%DEF' will match a user id beginning with 'ABC' followed by any other single character followed by 'DEF'.

Unlike a find string, a user id search value does not imply a trailing "*" (asterisk) wildcard and must start at the fixed position within the SMF record at which the zUserId field is located, for length 8 characters. If no wildcard characters are specified, a User id search is padded with blanks or truncated to 8 characters. If no wildcards are specified and the search string is an **unquoted or quoted** string, then the alpha characters will be upper cased. e.g. A user id search string 'abc' will match user id 'ABC' but not 'ABC1', 'ABCXX' or 'XABC'. Search string '%abc' would match 'XABC' only and '*abc*' would match all of these user ids.

The following SMF Record-types are known to contain a User Id field.

004	014	018	026	035	042	062	065	068	110
005	015	020	030	036	060	063	066	069	118
006	017	025	034	040	061	064	067	080	119
010									

Job Name>

Job Name> is one of the "Content match" class fields and specifies one or more alternate, comma separated job name values to be matched in SMF record types known to contain a Job Name field (**zJobName**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the job name values then a true condition will be returned for the **Job Name>** field. If no match is found or the SMF record is not of a type known to contain a Job Name field at a fixed location, then a false condition will be returned.

A job name value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **Find String>** input field.

Differences between the **Job Name>** and **Find String>** specifications are as described for the **User Id>** input field.

The following SMF Record-types are known to contain a Job Name field.

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

System Id>

System Id> is one of the "Content match" class fields and specifies one or more alternate, comma separated system id values to be matched each SMF record.

System Id may be specified:

- Using an unquoted or quoted literal. e.g. ABC will exactly match System Id 'ABC'.

- Using single-character wildcard '%' (percent). e.g. 'AB%Z' will match any System Id beginning with 'AB' followed by any other single character followed by 'Z'
- Using multiple-character wildcard '*' (asterisk). e.g. '*Z' will match any System Id ending with 'Z'

All SMF Record-types contain a System Id field (zSID).

Logic: AND | OR

The **Logic**: field defines the logical operator to be applied between conditions returned by the 4 "Content match" class fields (**Type(s)**), **Find String**), **User Id**), **Job Name**) and **System Id**).

OR indicates that the "Content match" class will return a true condition when a true condition is returned from **ANY** of the "Content match" class fields.

AND indicates that the "Content match" class will only return a true condition if true conditions are returned for **ALL** "Content match" class fields for which values have been specified.

For both **OR** and **AND** logical operations, a true condition will be returned for the "Content match" class if no selection condition values are specified in any of the "Content match" class fields.

Options:

Format> ONLINE | OFFLINE

ONLINE indicates that the SMF dataset is in the format as written directly by SMF to the SMF log datasets (**SYS1.xxxx.MANx**). Note that SELCOPYi does not support a browse of SMF records directly from the System Logger.

Browse of online datasets should be undertaken with caution as SELCOPYi will keep a SYSDSN SHR enqueue on the file for the duration of the browse session, which may interfere with SMF's CLEAR processing.

ONLINE datasets have a **4-byte record descriptor word (RDW) prefix** at the start of each record, so record-type field mapping must be offset by this amount.

OFFLINE indicates that the SMF dataset is the format as written by the SMF DUMP tool (IFASMFDP) which does not include a 4-byte (RDW) record prefix.

Layout> F | B

The **Layout**> input field determines the record mapping layout to be used when displaying the SMF record data.

F (Full Layout)

F indicates that a comprehensive mapping for supported SMF record types will be used so that each record is split into structured segments and displayed over a number of lines in the Data Editor window view.

Each **supported SMF record type/sub-type** will be assigned a separate layout. The primary segment for an SMF record has a layout name in the format "**SMFnnn_xxx_yyyy_zzz**", where *nnn* represents the SMF record-type number and *xxx_yyyy_zzz* is a short description of the record contents. e.g. **SMF014_INPUT_or_RDBACK_Dataset**

SMF records that comprise potentially repeating groups will be mapped over several logical **Primary/Secondary Segments**.

Any selected records whose SMF record type is currently unsupported will be mapped using the **Basic Layout** record type **SMFNNN**.

B (Basic Layout)

B indicates that a common, simplified mapping (**SMFNNN**) will be used to display all SMF records of any type/sub-type. SMF records will **not** be split into segments and will each occupy a single line of the Data Editor window view.

The basic layout includes only common header fields (e.g. SMF record type, sub-type, timestamp), followed by the field named **Rest** which displays the tail end of the record as uninterpreted character data.

Basic layout browse is particularly useful when a cursory view of the data is required. For example, when determining the various SMF record types written during a particular time period.

Primary command **HEX ON** may be used to include the hexadecimal representation of the record data in the display.

Segment> SHOW | SHADOW

Applicable only when Full layout is selected and affects only SMF records that are mapped using **Primary/Secondary segments**.

SHOW indicates that data in secondary segments is to be displayed (not suppressed) when the Data Editor view is opened.

SHADOW indicates that data in secondary segments is to be suppressed and so displayed as shadow lines when the Data Editor view is opened.

Note that, while data in secondary segments is shadowed (and thereby occupying much less screen space), the detail for any single shadowed segment group may be displayed in a separate window by placing the cursor on the shadow line and pressing the "**ZoomW**" key (default on **Shift-F5**).

The shadow lines themselves may be hidden using the **SHADOW (SHAD) OFF** option and/or the **HIDE** primary command.

Regardless of your initial setting for this option, throughout the browse session the **VBASE** primary command may be used to switch between the 2 secondary segment display formats.

Extract Utility Panel (=13.2)

```

SELCOPY/i - SMF Extract Utility
File Help JCL Command
Command>
ZZSGSMFX
SMF Source Dataset(s):
DSN/Path> _____ Member> _____
DSN/Path> _____ Member> _____
DSN/Path> _____ Member> _____

SMF Extract Dataset:
DSN/Path> _____ Member> _____

Record Selection:
Type(s) > _____ n1 n2 n3 etc
Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
Lo-Date/Time> _____ Input Limit> _____ recs
Hi-Date/Time> _____ Output Limit> _____ recs

Find String > _____ +
User Id > _____ UID1,UID2 etc
Job Name > _____ JOB1,JOB2 etc
System Id > _____ SYS1,SYS2 etc Logic : OR AND / OR

Options:
Format > OFFLINE ONLINE/OFFLINE
Run Type > E F=FGRND B=BATCH C=CLI
Append > _____ Enter APP to append to output

Type OUTPUT (0) to browse the Output dataset.
Type I<n> to browse Input dataset (n). e.g. I3 to browse input file (3).

```

Figure 32. Extract Utility Panel (=13.2).

The SMF Extract Utility panel (ZZSGSMFX) is an **interactive panel window**, used to extract a selection of SMF records from one or more input files and copy them to a single output file.

The panel may be used to execute the extract utility directly in the SELCOPYi foreground or it can generate a JCL job stream that may be submitted to batch.

Primary command **SMFEXTRC** provides a Command Line Interface (CLI) to the SMF Extract Utility and the panel itself includes an option to generate CLI corresponding to the currently entered panel field values.

The panel may be opened via the following:

- Select option 2. 'Extract' from the SMF option menu (=13).
- Execute the primary command "SMFEXTRC" with no parameters from any command line.
- Execute the line-command "SMFEXTRC" from a file **list window**.

Menu Bar Items

- File** The File drop-down menu contains the single item "Exit" which simply closes the panel window. Note that, unlike CANCEL, CLOSE will save field values entered in the panel so that they may be redisplayed the next time the panel is opened.
- JCL** Generate the JCL job stream suitable for submission to batch, based on values set in the panel fields. This is equivalent to selecting "B" in the **Run Type**> panel field.
- Command** Generate the SMFEXTRC command syntax based on values set in the panel fields. This is equivalent to selecting "C" in the **Run Type**> panel field.
- Help** Display help for this panel view.

Commands

- Output** Browse the output (SMF extract) dataset using full (segmented) layout of the SMF records.
- BOutput** Browse the output (SMF extract) dataset using basic (non-segmented) layout of the SMF records.
- Input | I1** Browse the first entry in the SMF Source dataset list using full (segmented) layout of the SMF records.

I_n Browse the first *n*th entry in the SMF Source dataset list using full (segmented) layout of the SMF records.

BInput | **BI1** Browse the first entry in the SMF Source dataset list using basic (non-segmented) layout of the SMF records.

BI_n Browse the first *n*th entry in the SMF Source dataset list using basic (non-segmented) layout of the SMF records.

Panel Input Fields

By default, field entries are populated with arguments and options that were entered the last time the panel was used.

SMF Source Dataset(s) :

Input fields which together identify up to three existing, sequential or VSAM data sets, GDG groups or specific GDG generations, HFS files or PDS/PDSE library members from which SMF records are to be extracted.

Should more than three input datasets be required then select **Runtype> B** to generate a batch job or **Runtype> C** to generate a command line, both of which may be edited to include an unlimited number of input datasets.

If a **GDG base** is specified with no relative generation number (via the Member input field) then all generations will be input, starting with the oldest.

DSN/Path>

Identifies the fully qualified data set name or an absolute or relative HFS file path.

Dataset names beginning with "." (dot) will be treated as having the user's DSN prefix as defined by the User INI variable System.UserDSNPrefix.

A selectable list of data sets or HFS files will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent).

Member>

If the **DSN/Path>** field contains the DSN of a PDS/PDSE library, then this field may specify the name of an existing member within that library.

A selectable list of members will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent), or is blanked out.

Alternatively, this field may also be used to enter the **relative generation number** of a **GDG** (e.g. 0 or -10). If the **DSN/Path>** field contains the name of a GDG but no generation is specified in the **Member>** field, then all generations are read, starting with the oldest.

SMF Extract Dataset :

Input fields which together identify a single sequential or VSAM data set, GDG file generation, HFS file or PDS/PDSE library member that is to receive the extracted SMF records.

If the utility is executed in the SELCOPYi foreground and the specified SMF extract dataset name does not yet exist in the catalog, then the user will be prompted to allocate the new dataset. Having selected the required output dataset organisation, the appropriate dataset allocation or VSAM cluster definition dialog will be displayed.

DSN/Path>

Identifies the fully qualified data set name or an absolute or relative HFS file path.

If the dataset name begins with "." (dot), it will be treated as having the user's DSN prefix as defined by the User INI variable System.UserDSNPrefix.

A selectable list of data sets or HFS files will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent).

Member>

If the **DSN/Path>** field contains the DSN of a PDS/PDSE library, then this field may specify the name of an existing member within that library.

A selectable list of members will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent), or is blanked out.

Record Selection :

Fields which together specify values by which SMF records may be filtered. Only records that satisfy the specified selection criteria are selected for extraction.

A combination of record filtering input fields values may be specified, each relating to one of the following record filtering classes:

1. Input record limit (Input Limit>)
2. Output record limit (Output Limit>)
3. Earliest timestamp (Lo-Date/Time>)
4. Latest timestamp (Hi-Date/Time>)
5. Content match (Type(s)>, Find String>, User Id>, Job Name> and System Id>)

In order to be selected, a record must return a true condition for **all** the record filtering classes for which values have been specified. If no record filtering field values are specified, then all records are selected for display.

The "Content match" class encompasses filter criteria derived from values entered in any combination of the input fields **Type(s)>**, **Find String>**, **User Id>** and **Job Name>**. Each of these fields will return a true or false condition if it contains a test value.

The overall condition returned by the "Content match" class is based on the logical relationship between each of these fields. The value specified by the **Logic:** field determines this relationship as follows:

- ◇ For value "**OR**", a true condition will be returned for the "Content match" class if at least **one** of the "Content match" input fields for which a value has been entered returns a true condition.
- ◇ For value "**AND**", a true condition will be returned for the "Content match" class if **all** of the "Content match" input fields for which a value has been entered return a true condition.

Each of the "Content match" fields (Type(s)>, Find String>, User Id> and Job Name>) support specification of multiple, **alternate** values. If any of these alternate values match the data in the record, then a true condition will be returned for that field.

e.g. If "62,64" is specified in the **Type(s)>** field, "XJH23,XNZ14" is entered in the **User Id>** field and the value of the **Logic:** field is "AND", then the "Content match" class will return a true condition if the SMF record is identified as being either type 62 or 64 **AND** it contains a userid value of either "XJH23" or "XNZ14".

Type(s)>

Type(s)> is one of the "Content match" class fields and specifies the SMF record types and/or subtypes to be selected.

A list of alternate record type numbers may be provided, each separated by either a blank and/or comma.

If a record is of any of the specified SMF record types or SMF record subtypes then a true condition will be returned for the **Type(s)>** field. Otherwise a false condition is returned.

You may also specify a range of type numbers as **rr1:rr2** e.g. "60:69" is equivalent to "60,61,62,63,64,65,66,67,68,69".

To request a subtype (*ss*) of a record type (*rr*) you may specify either **rr-ss** or **rr#ss**. i.e. the record type number followed by either a hyphen "-" or a hash "#" followed by the record subtype number.

Where a subtype is not included on a type specification, a colon ":" may be inserted between 2 record type values to identify a range of record types. e.g. 60:69 may be used to identify all SMF record types between 60 and 69 inclusively.

Lo-Date/Time>

A timestamp in the format **yyyy/mm/dd hh:mm:ss.t** which identifies the earliest date and time at which an SMF record may have been written in order to be eligible for selection.

The timestamp may be abbreviated to specify a partial date and time as required. e.g. **2018/09/12** will be treated as **2018/09/12 00:00:00.0** so that any SMF record written on or after this date will satisfy the low date criterion.

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

Hi-Date/Time>

A timestamp in the format **yyyy/mm/dd hh:mm:ss.t** which identifies the latest date and time at which an SMF record may have been written in order to be eligible for selection.

The timestamp may be abbreviated to specify a partial date and time as required. e.g. **2018/09** will be treated as **2018/09/99 99:99:99.9** so that any SMF record written on or before this date will satisfy the high date criterion.

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

Input Limit>

The maximum number of records that may be read from the SMF Dataset for potential selection.

The input record count is incremented by 1 each time a record is read and then tested against the input limit value. If the count exceeds the input limit value, no further records are read. This processing occurs before all other record selection criteria is applied.

An input limit of "0" (zero) is not sensible and so is ignored.

See [Output Limit](#) for examples of input and output limit specification.

Output Limit>

The maximum number of records that may be selected for output. This value applies to SMF records that satisfy all other selection criteria have been applied.

Once the output limit has been reached, no more records will be read from the SMF input dataset. Similarly, no more records are read when the input limit has been reached (even if the output limit has not yet been reached).

If record selection is based on **multiple entries** specified in the **Type(s)>** field, then the output limit applies to each of the record type entries provided that either of the following is true:

1. No record selection criteria is specified in the **Find String>**, **User Id>** and **Job Name>** fields.
2. The **Logic:** option is set to **AND**.

An output limit of "0" (zero) is not sensible and so is ignored.

Examples ...

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)    > 14
|
| Input Limit> 5000
| Output Limit>
```

Only the first 5000 records will be read from "CBL.SMF.GDG" generation datasets from which any number of type 14 records may be selected for extraction.

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)    > 14
|
| Input Limit>
| Output Limit> 50
```

Records will be read from "CBL.SMF.GDG" generation data sets until 50 type 14 records have been selected.

If the first 50 records read are all type 14, then only 50 records will be read.

If there are less than 50 type 14 records in "CBL.SMF.GDG" generation datasets then all the datasets will be read to end-of-file regardless of how many records they contain.

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)    > 14
|
| Input Limit> 5000
| Output Limit> 50
```

No more than 5000 records will be read from "CBL.SMF.GDG" datasets.

If the first 100 records include 50 type 14 records, then only 100 records will be read.

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)    > 14 15 30
|
| Input Limit>
| Output Limit> 10
```

Records will be read from "CBL.SMF.GDG" data sets until up to 10 of each of the specified record types (14, 15 and 30) are found.

Therefore, a maximum of 30 records will be selected in total.

Find>

Find String> is one of the "Content match" class fields and specifies one or more alternate, comma separated strings to be located at any position within an SMF record.

If a record contains any of the search strings then a true condition will be returned for the **Find String>** field. e.g.

```
Find String> SYS1.MACLIB, SYS1.MIGLIB, SYS1.MODGEN, SYS1.MSGEN
```

Find strings may be specified as any of the following:

- ◇ An **unquoted** string.

Alpha character matching is case-insensitive unless **wildcard** characters are used. The string must not match a FIND command keyword and must not contain comma or blank characters. e.g. **ABC**.

- ◇ A **quoted** string (using either apostrophes or quotation marks).

Alpha character matching is case-insensitive unless **wildcard** characters are used. e.g. **'A,B C'** and **"a,b C"** are equivalent.

- ◇ A **character literal** string specified as a quoted string prefixed with "C".

Alpha character matching is case-sensitive and may include **wildcard** characters. e.g. **C'A,B C'** and **C'a,b C'** are **not** equivalent.

- ◇ A **hexadecimal** string specified as a quoted string of hex digits prefixed with "X". e.g. **x'81C2C340'**.

◇ A **picture** string specified as a quoted string prefixed with "P".

Special characters represent generic groups of characters as described below. Any character in a picture string that is not one of these special characters is untranslated. e.g. **P'A##-BC'**.

String	Description
P'='	Any character.
P'␣'	Any non-blank character.
P'␣'	Any non-displayable character.
P'#'	Any numeric character, 0-9.
P'.'	Any non-numeric character.
P'@'	Any uppercase or lowercase alpha character.
P'<'	Any lowercase alpha character.
P'>'	Any uppercase alpha character.
P'\$'	Any non-alphanumeric special character.

◇ A **regular expression** string specified as a quoted string prefixed with "R".

Regular expressions enable powerful string pattern matching at the cost of rather complex syntax and potentially extended command processing time.

For syntax and usage see [Regular Expressions](#) in the Text Editor documentation. e.g. **R'A:d+x'** would match the upper case character "A" followed by 1 or more numeric digits followed by character "x".

◇ An **unquoted, quoted or character literal** string containing one or more **wildcard** characters.

Single-character wildcard '%' (percent) represents exactly one occurrence of any character. Multiple-character wildcard '*' (asterisk) represents zero or more occurrences of any character.

Beware of the following when using wildcard characters in a find string:

1. Alpha character matching becomes case-sensitive even in **unquoted** and **quoted** strings.
2. For find strings containing a multiple-character wildcard, once a match has been found on the characters in the find string that precede it, the characters in the find string that follow it may be matched at any subsequent location within the SMF record. e.g. For find string 'ABC*DEF', 'ABC' may be matched in the first three characters of the record and 'DEF' in the last three characters of the record.

The panel entry field for this option is 45 bytes in length. To specify values longer than this, position the cursor in the **Find String>** input field and press shift-F2 (**EXPAND**). A text edit window will be displayed allowing you to enter long find string values over multiple lines.

User Id>

User Id> is one of the "Content match" class fields and specifies one or more alternate, comma separated user id values to be matched in SMF record types known to contain a User Id field (**zUserId**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the user id values then a true condition will be returned for the **User Id>** field. If no match is found or the SMF record is not of a type known to contain a User Id field at a fixed location, then a false condition will be returned.

A user id value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **Find String>** input field. e.g. A user id search string '*1' will match a user id value of any length (maximum 8) that ends with 1. A user id search string 'ABC%DEF' will match a user id beginning with 'ABC' followed by any other single character followed by 'DEF'.

Unlike a find string, a user id search value does not imply a trailing "*" (asterisk) wildcard and must start at the fixed position within the SMF record at which the zUserId field is located, for length 8 characters. If no wildcard characters are specified, a User id search is padded with blanks or truncated to 8 characters. If no wildcards are specified and the search string is an **unquoted or quoted** string, then the alpha characters will be upper cased. e.g. A user id search string 'abc' will match user id 'ABC' but not 'ABC1', 'ABCXX' or 'XABC'. Search string '%abc' would match 'XABC' only and '*abc*' would match all of these user ids.

The following SMF Record-types are known to contain a User Id field.

004	014	018	026	035	042	062	065	068	110
005	015	020	030	036	060	063	066	069	118
006	017	025	034	040	061	064	067	080	119
010									

Job Name>

Job Name> is one of the "Content match" class fields and specifies one or more alternate, comma separated job name values to be matched in SMF record types known to contain a Job Name field (**zJobName**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the job name values then a true condition will be returned for the **Job Name>** field. If no match is found or the SMF record is not of a type known to contain a Job Name field at a fixed location, then a false condition will be returned.

A job name value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **Find String>** input field.

Differences between the **Job Name>** and **Find String>** specifications are as described for the **User Id>** input field.

The following SMF Record-types are known to contain a Job Name field.

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

System Id>

System Id> is one of the "Content match" class fields and specifies one or more alternate, comma separated system id values to be matched each SMF record.

System Id may be specified:

- Using an unquoted or quoted literal. e.g. ABC will exactly match System Id 'ABC'.
- Using single-character wildcard '%' (percent). e.g. 'AB%Z' will match any System Id beginning with 'AB' followed by any other single character followed by 'Z'
- Using multiple-character wildcard '*' (asterisk). e.g. '*Z' will match any System Id ending with 'Z'

All SMF Record-types contain a System Id field (zSID).

Logic: AND | OR

The **Logic:** field defines the logical operator to be applied between conditions returned by the 4 "Content match" class fields (**Type(s)>**, **Find String>**, **User Id>**, **Job Name>** and **System Id>**).

OR indicates that the "Content match" class will return a true condition when a true condition is returned from **ANY** of the "Content match" class fields.

AND indicates that the "Content match" class will only return a true condition if true conditions are returned for **ALL** "Content match" class fields for which values have been specified.

For both **OR** and **AND** logical operations, a true condition will be returned for the "Content match" class if no selection condition values are specified in any of the "Content match" class fields.

Options:

Format> ONLINE | OFFLINE

ONLINE indicates that the SMF dataset is in the format as written directly by SMF to the SMF log datasets (**SYS1.xxxx.MANx**). Note that SELCOPYi does not support extraction of SMF records directly from the System Logger.

ONLINE datasets include a **4-byte record descriptor word (RDW) prefix** at the start of each record, so record-type field mapping must be offset by this amount.

OFFLINE indicates that the SMF dataset is the format as written by the SMF DUMP tool (IFASMFDP) which does not include a 4-byte (RDW) record prefix.

Run Type> F | B | C

"**F**" indicates that immediate foreground execution is required as soon as the <Enter> key is pressed.

"**B**" indicates that JCL should be produced for submission to batch.

"**C**" indicates that command line interface should be produced. The **SMFEXTRC** primary command is displayed in a Text Editor window view in a format suitable for execution using the **ACTION** key (default Shift-F4) ready to be copied into your **HOME** file (=4).

Append> APP | blank

APP indicates that the extracted records should be appended to the output dataset.

Report Utility Panel (=13.3)

```

SELCOPY/i - SMF Formatted Report Utility
File Help
Command>
ZZSGSMFR
Report Definition:
DSN/Path> _____ Member> _____

SMF Dataset:
DSN/Path> _____ Member> _____

Record Selection:
Type(s) > _____ n1 n2 n3 etc
Format: yyyy/mm/dd hh:mm:ss.tt (Full or partial)
Lo-Date/Time> _____ Input Limit> _____ recs
Hi-Date/Time> _____ Output Limit> _____ recs

Find String > _____ +
User Id > _____ UID1,UID2 etc
Job Name > _____ JOB1,JOB2 etc
System Id > _____ SYS1,SYS2 etc Logic : OR AND / OR

Options:
Format > OFFLINE ONLINE/OFFLINE
Run Type > F F=FGRND B=BATCH C=CLI
Output Type > P P=Print C=CSV J=JSON X=XML B=Browse
Page Depth > _____ Leave blank to use current Data-Edit PAGEDEPTH value.

Type EDIT (E) to edit the Report Definition file.
Type INPUT (I) to browse the SMF Dataset.

```

Figure 33. Report Utility Panel (=13.3).

The SMF Report Utility panel (ZZSGSMFR) is an **interactive panel window**, used to generate a printable report from a dataset containing SMF records.

The layout of your desired report should be specified using control statements saved in a **Report Definition** dataset.

The report produced will typically consist mainly of data extracted from a list of data fields from a single SMF Record-Type, but you can select fields from more than one record-type and even generate your own values based on meaningful calculations. The report can reference fields from both Primary (Base) and **Secondary segments**.

A user definable heading will be printed at the top of each page, followed by user definable column headings for each selected field.

Grand totals will automatically be printed for any selected field containing integer data, and sub-totals will also be printed if a sort/control-break has been requested.

The utility supports sourcing SMF data from either the **"SYS1.xxxx.MANn"** dataset format (VSAM ESDS with 4-byte "RDW" prefix) that is written to directly by SMF, or the dataset format written by the SMF DUMP utility (normally **RECFM=VBS** with no 4-byte "RDW" prefix).

Primary command **REPORT** provides a Command Line Interface (CLI) to the options on this panel.

The panel may be opened via the following:

- Select option 3. 'Report' from the SMF option menu (=13).
- Execute the primary command **SMFRPT** with no parameters from any command line.

Sample Report Definition

```

<----1-----2-----3-----4-----5-----6
TITLE:
Job/DD EXCPs Report (from SMF Type 30 Subtype 5)

COLUMNS:
SMF030_Identification.zJOBNAME          'Job Name'
SMF030_Identification.zSIT              'Job Start'
SMF030_Common_Address_Space_Work.zTME  'Job End'
SMF030_EXCP.zDDN                        'DDName'
SMF030_EXCP.zBLK                        'EXCP Blks'

REPEAT:
SMF030_EXCP
* * * End of File * * *

```

Figure 33. Report Control Statements.

Sample Report Output

```

<-----1-----+-----2-----+-----3-----+-----4-----+-----5-----+-----6-----+-----7-----+-----8
12018/09/14 12:04   Job/DD EXCPs Report (from SMF Type 30 Subtype 5) PAGE 1

```

Job Name	Job Start	Job End	DDName	EXCP Blks
SMFCLEAR	2018/09/04 01:09:18.03	2018/09/04 01:09:29.73	INDD1	14400
			DUMPOUT	786
			SYSPRINT	0
			SYSIN	2
SMFCLEAR	2018/09/04 02:55:15.33	2018/09/04 02:55:26.97	INDD1	14400
			DUMPOUT	783
			SYSPRINT	0
			SYSIN	2
SMFCLEAR	2018/09/04 04:41:32.55	2018/09/04 04:41:45.63	INDD1	14400
			DUMPOUT	786
			SYSPRINT	0
			SYSIN	2
SMFCLEAR	2018/09/04 06:27:59.30	2018/09/04 06:28:09.90	INDD1	14400
			DUMPOUT	788
			SYSPRINT	0
			SYSIN	2

----- 6178 line(s) not displayed -----

```

12018/09/14 12:04   Job/DD EXCPs Report (from SMF Type 30 Subtype 5) PAGE 113
SMFCLEAR 2018/09/07 09:54:14.26 2018/09/07 09:54:25.94 INDD1 14400
                                                    DUMPOUT 796
                                                    SYSPRINT 0
                                                    SYSIN 2
SMFCLEAR 2018/09/07 11:31:38.69 2018/09/07 11:31:51.49 INDD1 14400
                                                    DUMPOUT 792
                                                    SYSPRINT 0
                                                    SYSIN 2
SMFCLEAR 2018/09/07 13:08:53.59 2018/09/07 13:09:05.39 INDD1 14400
                                                    DUMPOUT 786
                                                    SYSPRINT 0
                                                    SYSIN 2

```

=====

1139389

=====

* * * End of File * * *

Figure 33. Report Output.

Commands

- Edit** Open a Text Editor window to edit the Report Definition dataset or library member.
- Input** Browse the SMF Source dataset using full (segmented) layout of the SMF records.
- BInput** Browse the SMF Source dataset using basic (non-segmented) layout of the SMF records.
- JCL** Produce JCL for submission to batch.
- CLI / CMX** Produce command line interface. The **SMFEXTRC** primary command is displayed in a Text Editor window view in a format suitable for execution using the **ACTION** key (default Shift-F4) ready to be copied into your **HOME** file (=4).

Panel Input Fields

By default, field entries are populated with arguments and options that were entered the last time the panel was used.

Report Definition:

Input fields which together identify a single, sequential or VSAM data set, GDG file generation, HFS file or PDS/PDSE library member that contains (or will contain) the **SMF report definition control statements**.

Execute primary command **EDIT** (or **E**) to edit the report definition file.

DSN/Path>

Identifies the fully qualified data set name or an absolute or relative HFS file path.

Dataset names beginning with "." (dot) will be treated as having the user's DSN prefix as defined by the User INI variable System.UserDSNPrefix.

A selectable list of data sets or HFS files will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent).

Member>

If the **DSN/Path>** field contains the DSN of a PDS/PDSE library, then this field may specify the name of an existing member within that library.

A selectable list of members will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent), or is blanked out.

Alternatively, this field may also be used to enter the **relative generation number** of a **GDG** (e.g. 0 or -10). If the **DSN/Path>** field contains the name of a GDG but no generation is specified in the **Member>** field, then relative generation 0 is default.

SMF Dataset :

Input fields which together identify a single existing, sequential or VSAM data set, GDG file generation, HFS file or PDS/PDSE library member containing SMF records that are to be reported upon.

Type primary command **INPUT** (or **I**) to browse the SMF dataset using full layout.

Type primary command **BINPUT** (or **BI**) to browse the SMF dataset using basic layout.

DSN/Path>

Identifies the fully qualified data set name or an absolute or relative HFS file path.

Dataset names beginning with "." (dot) will be treated as though they actually begin with a high level qualifier equal to the user's own userid.

A selectable list of data sets or HFS files will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent).

Member>

If the **DSN/Path>** field contains the DSN of a PDS/PDSE library, then this field may specify the name of an existing member within that library.

A selectable list of members will be presented if the entered value contains wildcards characters "*" (asterisk) or "%" (percent), or is blanked out.

This field may also be used to enter the **relative generation number** of a **GDG**. e.g. 0 or -10.

Record Selection:

Fields which together specify values by which SMF records may be filtered. Only records that satisfy the specified selection criteria are selected for reporting.

A combination of record filtering input fields values may be specified, each relating to one of the following record filtering classes:

1. Input record limit (Input Limit>)
2. Output record limit (Output Limit>)
3. Earliest timestamp (Lo-Date/Time>)
4. Latest timestamp (Hi-Date/Time>)
5. Content match (Type(s)>, Find String>, User Id>, Job Name> and System Id>)

In order to be selected, a record must return a true condition for **all** the record filtering classes for which values have been specified. If no record filtering field values are specified, then all records are selected for display.

The "Content match" class encompasses filter criteria derived from values entered in any combination of the input fields **Type(s)>**, **Find String>**, **User Id>** and **Job Name>**. Each of these fields will return a true or false condition if it contains a test value.

The overall condition returned by the "Content match" class is based on the logical relationship between each of these fields. The value specified by the **Logic:** field determines this relationship as follows:

- ◊ For value "**OR**", a true condition will be returned for the "Content match" class if at least **one** of the "Content match" input fields for which a value has been entered returns a true condition.
- ◊ For value "**AND**", a true condition will be returned for the "Content match" class if **all** of the "Content match" input fields for which a value has been entered return a true condition.

Each of the "Content match" fields (Type(s)>, Find String>, User Id> and Job Name>) support specification of multiple, **alternate** values. If any of these alternate values match the data in the record, then a true condition will be returned for that field.

e.g. If "62,64" is specified in the **Type(s)>** field, "XJH23,XNZ14" is entered in the **User Id>** field and the value of the **Logic:** field is "AND", then the "Content match" class will return a true condition if the SMF record is identified as being either type 62 or 64 **AND** it contains a userid value of either "XJH23" or "XNZ14".

Type(s)>

Type(s)> is one of the "Content match" class fields and specifies the SMF record types and/or subtypes to be selected.

A list of alternate record type numbers may be provided, each separated by either blank and/or comma.

If a record is of any of the specified SMF record types or SMF record subtypes then a true condition will be returned for the **Type(s)**> field. Otherwise a false condition is returned.

You may also specify a range of type numbers as **rr1:rr2** e.g. "60:69" is equivalent to "60,61,62,63,64,65,66,67,68,69".

To request a subtype (*ss*) of a record type (*rr*) you may specify either **rr-ss** or **rr#ss**. i.e. the record type number followed by either a hyphen "-" or a hash "#" followed by the record subtype number.

Where a subtype is not included on a type specification, a colon ":" may be inserted between 2 record type values to identify a range of record types. e.g. 60:69 may be used to identify all SMF record types between 60 and 69 inclusively.

Lo-Date/Time>

A timestamp in the format **yyyy/mm/dd hh:mm:ss.t** which identifies the earliest date and time at which an SMF record may have been written in order to be eligible for selection.

The timestamp may be abbreviated to specify a partial date and time as required. e.g. **2018/09/12** will be treated as **2018/09/12 00:00:00.0** so that any SMF record written on or after this date will satisfy the low date criterion.

A date relative to the current day may also be supplied as **+/-nnn** e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

Hi-Date/Time>

A timestamp in the format **yyyy/mm/dd hh:mm:ss.t** which identifies the latest date and time at which an SMF record may have been written in order to be eligible for selection.

The timestamp may be abbreviated to specify a partial date and time as required. e.g. **2018/09** will be treated as **2018/09/99 99:99:99.9** so that any SMF record written on or before this date will satisfy the high date criterion.

A date relative to the current day may also be supplied as **+/-nnn** e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

Input Limit>

The maximum number of records that may be read from the SMF Dataset for potential selection.

The input record count is incremented by 1 each time a record is read and then tested against the input limit value. If the count exceeds the input limit value, no further records are read. This processing occurs before all other record selection criteria is applied.

An input limit of "0" (zero) is not sensible and so is ignored.

See [Output Limit](#) for examples of input and output limit specification.

Output Limit>

The maximum number of records that may be selected for reporting. This value applies to SMF records that satisfy all other selection criteria have been applied.

Once the output limit has been reached, no more records will be read from the SMF input dataset. Similarly, no more records are read when the input limit has been reached (even if the output limit has not yet been reached).

If record selection is based on **multiple entries** specified in the **Type(s)**> field, then the output limit applies to each of the record type entries provided that either of the following is true:

1. No record selection criteria is specified in the **Find String**>, **User Id**> and **Job Name**> fields.
2. The **Logic**: option is set to **AND**.

An output limit of "0" (zero) is not sensible and so is ignored.

Examples ...

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)      > 14
|
| Input Limit> 5000
| Output Limit>
```

Only the first 5000 records will be read from "CBL.SMF.GDG(0)" from which any number of type 14 records may be selected for reporting.

```
| DSN/Path> CBL.SMF.GDG
|
| Type(s)      > 14
|
| Input Limit>
| Output Limit> 50
```

Records will be read from "CBL.SMF.GDG(0)" until 50 type 14 records have been selected.

Therefore, if the first 50 records read are all type 14, then only 50 records will be read. However, if there are fewer than 50 type 14 records in "CBL.SMF.GDG(0)" then, ultimately, the whole file may be read regardless of the number of records it contains.

```

| DSN/Path> CBL.SMF.GDG
|
| Type(s)      > 14
|
| Input Limit> 5000
| Output Limit> 50

```

No more than 5000 records will be read from "CBL.SMF.GDG(0)" regardless of whether the output limit has been reached.

If the first 100 records include 50 type 14 records, then only 100 records will be read.

Find String>

Find String> is one of the "Content match" class fields and specifies one or more alternate, comma separated strings to be located at any position within an SMF record.

If a record contains any of the search strings then a true condition will be returned for the **Find String>** field. e.g.

```
Find String> SYS1.MACLIB, SYS1.MIGLIB, SYS1.MODGEN, SYS1.MSGEN
```

Find strings may be specified as any of the following:

◇ An **unquoted** string.

Alpha character matching is case-insensitive unless **wildcard** characters are used. The string must not match a FIND command keyword and must not contain comma or blank characters. e.g. **ABC**.

◇ A **quoted** string (using either apostrophes or quotation marks).

Alpha character matching is case-insensitive unless **wildcard** characters are used. e.g. 'A,B C' and "a,b C" are equivalent.

◇ A **character literal** string specified as a quoted string prefixed with "C".

Alpha character matching is case-sensitive and may include **wildcard** characters. e.g. C'A,B C' and C'a,b C'. are **not** equivalent.

◇ A **hexadecimal** string specified as a quoted string of hex digits prefixed with "X". e.g. X'81C2C340'.

◇ A **picture** string specified as a quoted string prefixed with "P".

Special characters represent generic groups of characters as described below. Any character in a picture string that is not one of these special characters is untranslated. e.g. P'A##-BC'.

String	Description
P'='	Any character.
P'-'	Any non-blank character.
P'.'	Any non-displayable character.
P'#'	Any numeric character. 0-9.
P'.'	Any non-numeric character.
P'@'	Any uppercase or lowercase alpha character.
P'<'	Any lowercase alpha character.
P'>'	Any uppercase alpha character.
P'\$'	Any non-alphanumeric special character.

◇ A **regular expression** string specified as a quoted string prefixed with "R".

Regular expressions enable powerful string pattern matching at the cost of rather complex syntax and potentially extended command processing time.

For syntax and usage see **Regular Expressions** in the Text Editor documentation. e.g. R'A:d+x' would match the upper case character "A" followed by 1 or more numeric digits followed by character "x".

◇ An **unquoted, quoted or character literal** string containing one or more **wildcard** characters.

Single-character wildcard '%' (percent) represents exactly one occurrence of any character. Multiple-character wildcard '*' (asterisk) represents zero or more occurrences of any character.

Beware of the following when using wildcard characters in a find string:

1. Alpha character matching becomes case-sensitive even in **unquoted** and **quoted** strings.
2. For find strings containing a multiple-character wildcard, once a match has been found on the characters in the find string that precede it, the characters in the find string that follow it may be matched at any subsequent location within the SMF record. e.g. For find string 'ABC*DEF', 'ABC' may be matched in the first three characters of the record and 'DEF' in the last three characters of the record.

The panel entry field for this option is 45 bytes in length. To specify values longer than this, position the cursor in the **Find String>** input field and press shift-F2 (**EXPAND**). A text edit window will be displayed allowing you to enter long find string values over multiple lines.

User Id>

User Id> is one of the "Content match" class fields and specifies one or more alternate, comma separated user id values to be matched in SMF record types known to contain a User Id field (**zUserid**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the user id values then a true condition will be returned for the **User Id>** field. If no match is found or the SMF record is not of a type known to contain a User Id field at a fixed location, then a false condition will be returned.

A user id value may be specified as an **unquoted**, **quoted** or **character literal** string and may contain one or more **wildcard** characters as described for the **Find String>** input field. e.g. A user id search string '*1' will match a user id value of any length (maximum 8) that ends with 1. A user id search string 'ABC%DEF' will match a user id beginning with 'ABC' followed by any other single character followed by 'DEF'.

Unlike a find string, a user id search value does not imply a trailing "*" (asterisk) wildcard and must start at the fixed position within the SMF record at which the zUserid field is located, for length 8 characters. If no wildcard characters are specified, a User id search is padded with blanks or truncated to 8 characters. If no wildcards are specified and the search string is an **unquoted** or **quoted** string, then the alpha characters will be upper cased. e.g. A user id search string 'abc' will match user id 'ABC' but not 'ABC1', 'ABCXXX' or 'XABC'. Search string '%abc' would match 'XABC' only and '*abc*' would match all of these user ids.

The following SMF Record-types are known to contain a User Id field.

004	014	018	026	035	042	062	065	068	110
005	015	020	030	036	060	063	066	069	118
006	017	025	034	040	061	064	067	080	119
010									

Job Name>

Job Name> is one of the "Content match" class fields and specifies one or more alternate, comma separated job name values to be matched in SMF record types known to contain a Job Name field (**zJobName**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the job name values then a true condition will be returned for the **Job Name>** field. If no match is found or the SMF record is not of a type known to contain a Job Name field at a fixed location, then a false condition will be returned.

A job name value may be specified as an **unquoted**, **quoted** or **character literal** string and may contain one or more **wildcard** characters as described for the **Find String>** input field.

Differences between the **Job Name>** and **Find String>** specifications are as described for the **User Id>** input field.

The following SMF Record-types are known to contain a Job Name field.

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

System Id>

System Id> is one of the "Content match" class fields and specifies one or more alternate, comma separated system id values to be matched each SMF record.

System Id may be specified:

- Using an unquoted or quoted literal. e.g. ABC will exactly match System Id 'ABC'.
- Using single-character wildcard '%' (percent). e.g. 'AB%Z' will match any System Id beginning with 'AB' followed by any other single character followed by 'Z'
- Using multiple-character wildcard '*' (asterisk). e.g. '*Z' will match any System Id ending with 'Z'

All SMF Record-types contain a System Id field (zSID).

Logic: AND | OR

The **Logic:** field defines the logical operator to be applied between conditions returned by the 4 "Content match" class fields (**Type(s)>**, **Find String>**, **User Id>**, **Job Name>** and **System Id>**).

OR indicates that the "Content match" class will return a true condition when a true condition is returned from **ANY** of the "Content match" class fields.

AND indicates that the "Content match" class will only return a true condition if true conditions are returned for **ALL** "Content match" class fields for which values have been specified.

For both **OR** and **AND** logical operations, a true condition will be returned for the "Content match" class if no selection condition values are specified in any of the "Content match" class fields.

Options:**Format> ONLINE | OFFLINE**

ONLINE indicates that the SMF dataset is in the format as written directly by SMF to the SMF log datasets (**SYS1.xxxx.MANx**). Note that SELCOPYi does not support reporting on SMF records directly from the System Logger.

ONLINE datasets include a **4-byte record descriptor word (RDW) prefix** at the start of each record, so record-type field mapping must be offset by this amount.

OFFLINE indicates that the SMF dataset is the format as written by the SMF DUMP tool (IFASMFDP) which does not include a 4-byte (RDW) record prefix.

Run Type> B | C | F

B indicates that JCL should be produced for submission to batch.

C indicates that command line interface should be produced. The **SMFRPT** primary command is displayed in a Text Editor window view in a format suitable for execution using the **ACTION** key (default Shift-F4) ready to be copied into your **HOME** file (=4).

F indicates that immediate foreground execution is required as soon as the <Enter> key is pressed.

In this case the report output will be collected in-storage and displayed in a Text Editor window view. The output will not be saved to disk but the user may enter the **CREATE** or **REPLACE** commands to do so.

If the expected report output is larger than your available foreground region then you should choose the **B** option to generate a batch job which will write the report to the DD name **SDEPRINT**.

Output Type> P=Print | C=CSV | J=JSON | X=XML | B=Browse

P requests standard **Print** output with page headings, optional sort, control breaks and totals/sub-totals.

C requests **Comma Separated Variable (CSV)** output suitable for loading into various external formats such as **DB2**. The first row will contain the column headings as defined by your report definition file. Defined control breaks and totals/sub-totals are all ignored for **CSV** output.

J requests **Java Script Object Notation (JSON)** output suitable for loading into various external formats such as a web page. Defined control breaks and totals/sub-totals are all ignored for **JSON** output.

X requests **eXtensible Markup Language (XML)** output suitable for loading into various external formats including directly into **Microsoft Excel**. Defined control breaks and totals/sub-totals are all ignored for **XML** output.

B requests an online **Browse** session is started with the format of the displayed data controlled by the report definition. i.e. fields selected from various primary/secondary segments will all appear on a single line.

The fields will be displayed grouped together by their source segment, so not strictly in accordance with your report definition.

This option will also define a permanent user default display format for the primary record type involved, meaning any future online browse will display only the selected fields. To revert to the default just type "SEL *" on the command line of the browse session.

Defined sort, control breaks and totals/sub-totals are all ignored for **BROWSE** output.

Page Depth>

Specifies the number of lines printed per page.

If left blank (or specified as zero) then the user's own prevailing Data Editor **PAGEDEPTH** option value will be used.

Type "**SD Q PAGEDEPTH**" to query your current Data Editor pagedepth value.

Type "**SD SET PAGEDEPTH nnn**" to set your current Data Editor pagedepth value.

Primary Commands

SELCOPYi SMF utility primary commands provide a command line interface to execution of the individual utilities.

A primary command may be executed from a SELCOPYi command prompt or via the **ACTION** key (default Shift-F4) when the command exists as text edited via the SELCOPYi Text Editor.

The SMF utility panels generate and execute relevant primary commands.

- SMFB
- SMFBB
- SMFCICSM
- SMFEXTRC
- REPORT
- SMFFLD
- VBASE

SMFB

Examples:

SmfB USER123.SMF.DATA Types(14 15 30-5) ILim(10000)
 Selecting from the first 10000 records, display SMF types 14, 15 along with type 30 records that are subtype 5.

SmfB USER123.SMF.DATA DateLo(2018/09/15 13:00) DateHi(2018/09/20) basic
 Display SMF records of any type using basic common header layout "SMFnnn" for all records, provided they fall within the DATELO/DATEHI timestamp range.

Syntax:

```

>>-- SmfB -- SmfFile -----+-----+-----+-----+----->
      |              |              |              |              |
      +- OFFLINE -+  |              |              |              |
      |              |              |              |              |
      +- ONLINE  -+  |              |              |              |
                          +------+ |              |
                          |              |              |
                          +- TYPES(+ nn -+) -+

```

```

+- SHADOW -+
|          |
>+-----+-----+-----+-----+----->
|          |
+- SHOW  -+

```

```

>+-----+-----+-----+-----+----->
|          |              |              |              |
+- DATELO(+--yyyy/mm/dd hh:mm:ss.tt-+-) -+ +- BASIC -+
      |              |              |              |
      +- -nnn -+-----+

```

```

>+-----+-----+-----+-----+----->
|          |              |              |              |
+- DATEHI(+--yyyy/mm/dd hh:mm:ss.tt-+-) -+ +- REGEN -+
      |              |              |              |
      +- -nnn -+-----+

```

```

>+-----+-----+-----+-----+----->
|          |              |              |              |
      +- , -+ |              |              |              |
      |              |              |              |
      +- USERID(+ uid -+) -+ +- JOBNAME(+ job -+) -+

```

```

>+-----+-----+-----+-----+----->
|          |              |              |              |
      +- , -+ |              |              |              |
      |              |              |              |
      +- FIND(+<FindString>-+) -+ +- SID(+ sysid -+) -+

```

```

>+-----+-----+-----+-----+-----><
|          |              |              |              |
      +-OR--+ |              |              |              |
      |              |              |              |
      +- LOGIC(+-----+) -+
      |          |
      +-AND-+

```

Description:

SMFB provides a command-line interface (CLI) to the SELCOPYi **SMF Browse Utility**.

Record Filtering

SMF records may be filtered so that only records that satisfy specified selection criteria are loaded and retained for subsequent browse.

A combination of record filtering parameters may be specified, each relating to one of the following record filtering classes:

1. Input record limit (ILIM)
2. Output record limit (OLIM)
3. Earliest timestamp (DATELO)
4. Latest timestamp (DATEHI)
5. Content match (TYPE, FIND, SID, USERID and JOBNAME)

In order to be selected, a record must return a true condition for **all** the record filtering classes for which parameters have been specified. If no record filtering parameters are specified, then all records are selected for display.

The "Content match" class encompasses filter criteria specified for any combination of parameters **TYPE, FIND, USERID** and **JOBNAME**, each parameter itself returning either a true or false condition. The overall condition returned by the "Content match" class is based on the logical relationship between each of these parameters. The value specified by the **LOGIC** parameter determines this relationship as follows:

- For **LOGIC(OR)**, a true condition will be returned for the "Content match" class if at least **one** of the specified content match parameters returns a true condition. This is the default if LOGIC is not specified.
- For **LOGIC(AND)**, a true condition will be returned for the "Content match" class if **all** of the specified content match parameters return a true condition.

Each of the "Content match" parameters (TYPE, FIND, USERID and JOBNAME) support specification of multiple, **alternate** values. If any of these alternate values match the data in the record, then a true condition will be returned for that parameter.

e.g. A "Content match" class specification of **TYPES(14,15) JOBNAME(SMF*,DCH*) LOGIC(AND)** will return a true condition if the SMF record is identified as being either type 14 or 15 **AND** it contains a value beginning "SMF" or "DCH" in the zJOBNAME field.

Storage Management

If none of the record filtering parameters TYPES, DATELO, DATEHI, USERID, JOBNAME, SID or FIND are specified, then only the first group of 100 records are loaded. Thereafter, additional groups of 100 records are loaded (and unloaded) as required (e.g. when scrolling vertically or on execution of a search or filter command). Beyond a few hundred records, SELCOPYi will attempt to minimise the amount of storage used by unloading as many groups of 100 records as possible.

If any of these record filtering parameters are specified, then the same technique applies except that the record group size starts at 1 and increments by 1 up to a maximum of 50 records. This is to minimize the amount of storage and I/O required in order to display each screen of selected records.

Parameters:

SmfFile

The name of a single existing, sequential or VSAM data set, GDG file generation, HFS file or PDS/PDSE library member containing SMF records that is to be browsed.

TYPES (*rr1, rr2 rr3-ss1 rr4#ss2 rr5:rr6*)

Specifies the SMF record types/subtypes to be selected.

A list of one or more record type (and optional subtype) numbers must be provided in brackets immediately following (no blank) the TYPES keyword, each separated by either blank or comma.

To request subtype *ss* of record type *rr* you may specify either *rr-ss* or *rr#ss*. e.g. 42-3 will specifically select SMF type 42 records of subtype 3.

Where a subtype is not included on a type specification, a colon ":" may be inserted between 2 record type values to identify a range of record types. e.g. 60:69 may be used to identify all SMF record types between 60 and 69 inclusively.

DATELO (*yyyy/mm/dd hh:mm:ss.tt*)

Specifies the minimum timestamp for record selection specified in **yyyy/mm/dd hh:mm:ss.t** format, which may be specified in as much detail as necessary. e.g. **2018/09/12** will be treated as **2018/09/12 00:00:00.0**

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

DATEHI (*yyyy/mm/dd hh:mm:ss.tt*)

Specifies the maximum timestamp for record selection in **yyyy/mm/dd hh:mm:ss.t** format, which may be specified in as much detail as necessary. e.g. **2018/09** will be treated as **2018/09/99 99:99:99.9**

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

ILIM(*nn*)

Specifies the maximum number of records that may be read from the SMF Dataset for potential selection.

See panel field **Output Limit** for further discussion.

OLIM(*nn*)

Specifies the maximum number of records that may be selected for browse.

See panel field **Output Limit** for further discussion.

FIND(*FindString1, FindString2, ...*)

FIND is one of the "Content match" class parameters and specifies one or more alternate, comma separated strings to be located at any position within an SMF record.

If a record contains any of the search strings then a true condition will be returned for the **FIND** parameter. e.g.

```
FIND( SYS1.MACLIB, SYS1.MIGLIB, SYS1.MODGEN, SYS1.MSGEN)
```

Find strings may be specified as any of the following:

- ◆ An **unquoted** string.

Alpha character matching is case-insensitive unless **wildcard** characters are used. The string must not match a FIND command keyword and must not contain comma or blank characters. e.g. **ABC**.

- ◆ A **quoted** string (using either apostrophes or quotation marks).

Alpha character matching is case-insensitive unless **wildcard** characters are used. e.g. 'A,B C' and "a,b C" are equivalent.

- ◆ A **character literal** string specified as a quoted string prefixed with "C".

Alpha character matching is case-sensitive and may include **wildcard** characters. e.g. C'A,B C' and C'a,b c'. are **not** equivalent.

- ◆ A **hexadecimal** string specified as a quoted string of hex digits prefixed with "X". e.g. X'81C2C340'.

- ◆ A **picture** string specified as a quoted string prefixed with "P".

Special characters represent generic groups of characters as described below. Any character in a picture string that is not one of these special characters is untranslated. e.g. P'A##-BC'.

String	Description
P'='	Any character.
P'-'	Any non-blank character.
P'.'	Any non-displayable character.
P'#'	Any numeric character, 0-9.
P'.'	Any non-numeric character.
P'@'	Any uppercase or lowercase alpha character.
P'<'	Any lowercase alpha character.
P'>'	Any uppercase alpha character.
P'\$'	Any non-alphanumeric special character.

- ◆ A **regular expression** string specified as a quoted string prefixed with "R".

Regular expressions enable powerful string pattern matching at the cost of rather complex syntax and potentially extended command processing time.

For syntax and usage see **Regular Expressions** in the Text Editor documentation. e.g. R'A:d+x' would match the upper case character "A" followed by 1 or more numeric digits followed by character "x".

- ◆ An **unquoted, quoted or character literal** string containing one or more **wildcard** characters.

Single-character wildcard '%' (percent) represents exactly one occurrence of any character. Multiple-character wildcard '*' (asterisk) represents zero or more occurrences of any character.

Beware of the following when using wildcard characters in a find string:

1. Alpha character matching becomes case-sensitive even in **unquoted** and **quoted** strings.
2. For find strings containing a multiple-character wildcard, once a match has been found on the characters in the find string that precede it, the characters in the find string that follow it may be matched at any subsequent location within the SMF record. e.g. For find string 'ABC*DEF', 'ABC' may be matched in the first three characters of the record and 'DEF' in the last three characters of the record.

USERID(*uid1, uid2 etc*)

USERID is one of the "Content match" class parameters and specifies one or more alternate, comma separated user id values to be matched in SMF record types known to contain a User Id field (**zUserId**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the user id values then a true condition will be returned for the **USERID** parameter. If no match is found or the SMF record is not of a type known to contain a User Id field at a fixed location, then a false condition will be returned.

A user id value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **FIND** parameter. e.g. A user id search string '*'1' will match a user id value of any length (maximum 8) that ends with 1. A user id search string 'ABC%DEF' will match a user id beginning with 'ABC' followed by any other single character followed by 'DEF'.

Unlike a find string, a user id search value does not imply a trailing "*" (asterisk) wildcard and must start at the fixed position within the SMF record at which the zUserId field is located, for length 8 characters. If no wildcard characters are specified, a User id search is padded with blanks or truncated to 8 characters. If no wildcards are specified and the search string is an **unquoted or quoted** string, then the alpha characters will be upper cased. e.g. A user id search string 'abc' will match user id 'ABC' but not 'ABC1', 'ABCXXX' or 'XABC'. Search string '%abc' would match 'XABC' only and '*abc*' would match all of these user ids.

The following SMF Record-types are known to contain a User Id field.

004	014	018	026	035	042	062	065	068	110
005	015	020	030	036	060	063	066	069	118
006	017	025	034	040	061	064	067	080	119
010									

JOBNAME (*job1, job2 etc*)

JOBNAME is one of the "Content match" class parameters and specifies one or more alternate, comma separated job name values to be matched in SMF record types known to contain a Job Name field (**zJobName**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the job name values then a true condition will be returned for the **JobName** parameter. If no match is found or the SMF record is not of a type known to contain a Job Name field at a fixed location, then a false condition will be returned.

A job name value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **FIND** parameter.

Differences between the **JOBNAME** and **FIND** parameter specifications are as described for the **USERID** parameter.

The following SMF Record-types are known to contain a Job Name field.

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

SID (*SystemId1, SystemId2 etc*)

SID is one of the "Content match" class options and specifies one or more alternate, comma separated system id values to be matched each SMF record.

System Id may be specified:

- ◇ Using an unquoted or quoted literal. e.g. ABC will exactly match System Id 'ABC'.
- ◇ Using single-character wildcard '%' (percent). e.g. 'AB%Z' will match any System Id beginning with 'AB' followed by any other single character followed by 'Z'
- ◇ Using multiple-character wildcard '*' (asterisk). e.g. '*Z' will match any System Id ending with 'Z'

All SMF Record-types contain a System Id field (zSID).

LOGIC (AND) / LOGIC (OR)

The **LOGIC** parameter defines the logical operator to be applied between conditions returned by the 4 "Content match" class parameters (**TYPES, FIND, USERID, JOBNAME** and **SID**).

OR indicates that the "Content match" class will return a true condition when a true condition is returned from **ANY** of the "Content match" class fields.

AND indicates that the "Content match" class will only return a true condition if true conditions are returned from **ALL** "Content match" class fields for which values have been specified.

For both **OR** and **AND** logical operations, a true condition will be returned for the "Content match" class if no selection condition values are specified in any of the "Content match" class fields.

ONLINE

ONLINE indicates that the SMF dataset is in the format as written directly by SMF to the SMF log datasets (**SYS1.xxxx.MANx**). Note that SELCOPYi does not support a browse of SMF records directly from the System Logger.

Browse of online datasets should be undertaken with caution as SELCOPYi will keep a SYSDSN SHR enqueue on the file for the duration of the browse session, which may interfere with SMF's CLEAR processing.

ONLINE datasets have a **4-byte record descriptor word (RDW) prefix** at the start of each record, so record-type field mapping must be offset by this amount.

OFFLINE

OFFLINE indicates that the SMF dataset is the format as written by the SMF DUMP tool (IFASMFDP) which does not include a 4-byte (RDW) record prefix. This is the default.

SHADOW

Applicable only when **BASIC** is not specified and affects only SMF records that are mapped using **Primary/Secondary segments**.

SHADOW indicates that secondary segments should initially display as shadow lines. This is the default.

Note that while secondary segments are shadowed (thereby occupying much less screen space) the detail for any single shadowed segment may be displayed in a separate window by placing the cursor on the shadow line and pressing the **"ZoomW"** key (**Shift-F5**).

The shadow lines themselves may be suppressed using the **SHADOW (SHAD)** set option and/or the **HIDE** primary command.

Regardless of your initial setting for this option, the **VBASE** primary command may be used to switch back and forth throughout your browse session.

SHOW

Applicable only when **BASIC** is not specified and affects only SMF records that are mapped using **Primary/Secondary segments**.

SHOW indicates that secondary segments should initially display in full detail

Regardless of your initial setting for this option, the **VBASE** primary command may be used to switch back and forth throughout your browse session.

BASIC

All records will be mapped using the basic layout **SMFnnn**.

Note that **"nnn"** here is a literal and does not represent the variable record-type number.

The basic layout includes the common header fields only (e.g. SMF record/sub-type, timestamp), followed by the field **"Rest"** which displays the tail end of the record as uninterpreted character data.

Use **HEX ON** to display hexadecimal representations.

If **BASIC** is not specified then SELCOPYi will use comprehensive mapping for supported record types.

Each supported SMF record type/sub-type will be assigned a separate layout **SMFnnn_xxx_yyyy_zzz**, where **"nnn"** represents the variable record-type number, and **"xxx_yyyy_zzz"** is the short description
e.g. **SMF014_INPUT_or_RDBACK_Dataset**

SMF records that comprise potentially repeating groups will be mapped over several logical **Primary/Secondary Segments**.

Any selected records whose SMF record type is currently unsupported will be mapped using the **"Basic Layout"** record type **SMFnnn**.

REGEN

Specify **REGEN** to reload full layout definitions, and should only be used if a refresh of the SELCOPYi SMF structure definitions is required (e.g. following a product or service upgrade).

Another implication of refreshing the structure definitions is that any user updates will be lost. These may include

- ◇ Any "permanent" alterations to the field display order/selection and/or column-widths made via the **SDE SELECT Columns** panel
- ◇ Any row colouring options specified via the **RCOLOUR** command
- ◇ Any column colouring options specified via the **CCOLOUR** command

See Also:

SMF Browse Utility panel

Parameters:**DIC** (*dictionary-dsn*)

Specifies *dictionary-dsn*, the DSN of the dataset containing the CICS monitoring dictionary record which describes the layout of the CICS performance monitoring record for a particular CICS system and APPLID.

This dataset is the output from the DFHMNDMP CICS utility and contains a reference to the 8-character CICS system id and global APPLID (product name).

If DIC(*dictionary-dsn*) is not specified, SMFCICSM uses the dataset allocated to DD **SDEDICT** otherwise error SDEX103E is returned.

NOSDO

NOSDO will suppress the automatic creation of the SELCOPYi SDO structure T110ST01 from the newly updated T110ST01 mapping member.

By default, SMFCICSM will create the SDO structure member.

SDEMAPI (*in-map-lib*)

Specifies *in-map-lib*, the DSN of the library containing the source T110ST01 mapping member from which the new mapping will be derived.

The T110ST01 source member contains a mapping of the CICS performance record that identifies all possible performance monitoring fields (the default mapping). SMFCICSM uses this mapping plus the dictionary record to select a subset of fields that are specific to the individual CICS system's performance records.

If **UPD** is specified without **SDEMAPO**, then source T110ST01 mapping member in *in-map-lib* will be updated with the additional performance monitoring record layout. All other contents of the member remain unchanged.

If SDEMAPI(*in-map-lib*) is not specified, SMFCICSM uses the library DSN allocated to DD **SDEMAPI** otherwise library "*distpfx.SZZSDIST.SMFMAP*" is used (where *distpfx* is the DSN HLQ of the SELCOPY distribution libraries).

SDEMAPO (*out-map-lib*)

Specifies *out-map-lib*, the DSN of the output library to which the new T110ST01 mapping member will be written.

The new T110ST01 mapping member will contain the contents of the source copy of the member plus the additional performance monitoring record layout.

If **UPD** is specified, then *out-map-lib* may be the same as *in-map-lib* otherwise error SDEX101E is returned.

If SDEMAPO(*out-map-lib*) is not specified, SMFCICSM resolves the output library DSN *out-map-lib* as follows:

1. Library DSN allocated to DD **SDEMAPO**.
2. If **UPD** is specified, then library DSN *in-map-lib*.
3. If set, the DSN defined by Data Edit option **SMFMAPLIB**.
4. Error SDEX105E is returned.

SDESDO (*sdo-lib*)

Specifies *sdo-lib*, the DSN of the output library in which the T110ST01 SELCOPYi SDO structure will be generated.

If **NOSDO** is specified, then SDESDO is ignored and no SDO structure is generated.

Library *sdo-lib* must not be the product SZZSDIST.SDO library distributed by CBL (error SDEX107E will be returned). The *sdo-lib* library should be common to all users (a site-wide SDO library) and its DSN set on option SDE.SITESDO in the System SELCOPYi INI dataset.

When the user executes menu item "Upd-Layouts" from the SMF Browse utility panel, the up-to-date T110ST01 SDO structure will be copied from the library assigned to variable SDE.SITESDO.

If SDESDO(*sdo-lib*) is not specified, SMFCICSM uses the library DSN allocated to DD **SDESDO** otherwise library "*userpfx.SELCOPYI.SMF.SDO*" is used (where *userpfx* is the DSN HLQ defined by variable System.UserDSNPrefix in the user's SELCOPYi INI dataset).

UPD

If **SDEMAPO** is not specified and DD **SDEMAPO** is not allocated, then **UPD** will allow the T110ST01 mapping member in *in-map-lib* to be updated with the new performance record layout, **provided** it is not the master copy found in the SELCOPY product distribution library SZZSDIST.SMFMAP (error SDEX105E will be returned).

SMF records may be filtered so that only records that satisfy specified selection criteria are selected for extraction.

A combination of record filtering parameters may be specified, each relating to one of the following record filtering classes:

1. Input record limit (ILIM)
2. Output record limit (OLIM)
3. Earliest timestamp (DATELO)
4. Latest timestamp (DATEHI)
5. Content match (TYPE, FIND, USERID, JOBNAME and SID)

In order to be selected, a record must return a true condition for **all** the record filtering classes for which parameters have been specified. If no record filtering parameters are specified, then all records are selected for display.

The "Content match" class encompasses filter criteria specified for any combination of parameters **TYPE**, **FIND**, **USERID** and **JOBNAME**, each parameter itself returning either a true or false condition. The overall condition returned by the "Content match" class is based on the logical relationship between each of these parameters. The value specified by the **LOGIC** parameter determines this relationship as follows:

- For **LOGIC(OR)**, a true condition will be returned for the "Content match" class if at least **one** of the specified content match parameters returns a true condition. This is the default if LOGIC is not specified.
- For **LOGIC(AND)**, a true condition will be returned for the "Content match" class if **all** of the specified content match parameters return a true condition.

Each of the "Content match" parameters (TYPE, FIND, USERID and JOBNAME) support specification of multiple, **alternate** values. If any of these alternate values match the data in the record, then a true condition will be returned for that parameter.

e.g. A "Content match" class specification of **TYPES(14,15) JOBNAME(SMF*,DCH*) LOGIC(AND)** will return a true condition if the SMF record is identified as being either type 14 or 15 **AND** it contains a value beginning "SMF" or "DCH" in the zJOBNAME field.

Parameters:

SmfInput

Provides the name(s) of existing, sequential or VSAM data sets, GDG bases, individual GDG generations, HFS files or PDS/PDSE library members from which SMF records are to be selected for extraction.

If a GDG base name is provided then all generations (oldest to newest) will be processed as input.

If more than one input dataset is required a blank separated list maybe supplied between a leading "(" (double open-parentheses) and a trailing ")" (double close-parentheses).

SmfOutput

The name of a sequential or VSAM data set, GDG file generation, HFS file or PDS/PDSE library member to which selected SMF records are to be written.

TYPES(rr1,rr2 rr3-ss1 rr4#ss2 rr5:rr6)

Specifies the SMF record types/subtypes to be selected.

A list of one or more record type (and optional subtype) numbers must be provided in brackets immediately following (no blank) the TYPES keyword, each separated by either blank or comma.

To request subtype *ss* of record type *rr* you may specify either *rr-ss* or *rr#ss*. e.g. 42-3 will specifically select SMF type 42 records of subtype 3.

Where a subtype is not included on a type specification, a colon ":" may be inserted between 2 record type values to identify a range of record types. e.g. 60:69 may be used to identify all SMF record types between 60 and 69 inclusively.

DATELO(yyyy/mm/dd hh:mm:ss.tt)

Specifies the minimum timestamp for record selection specified in **yyyy/mm/dd hh:mm:ss.t** format, which may be specified in as much detail as necessary. e.g. **2018/09/12** will be treated as **2018/09/12 00:00:00.0**

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

DATEHI(yyyy/mm/dd hh:mm:ss.tt)

Specifies the maximum timestamp for record selection in **yyyy/mm/dd hh:mm:ss.t** format, which may be specified in as much detail as necessary. e.g. **2018/09** will be treated as **2018/09/99 99:99:99.9**

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

ILIM(nn)

Specifies the maximum number of records that may be read from each SMF input dataset for potential selection.

See panel field **Output Limit** for further discussion.

OLIM(nn)

Specifies the maximum number of records that may be selected for output to the SMF output dataset.

See panel field **Output Limit** for further discussion.

FIND (*FindString1*, *FindString2*, ...)

FIND is one of the "Content match" class parameters and specifies one or more alternate, comma separated strings to be located at any position within an SMF record.

If a record contains any of the search strings then a true condition will be returned for the **FIND** parameter. e.g.

```
FIND( SYS1.MACLIB, SYS1.MIGLIB, SYS1.MODGEN, SYS1.MSGEN)
```

Find strings may be specified as any of the following:

◆ An **unquoted** string.

Alpha character matching is case-insensitive unless **wildcard** characters are used. The string must not match a **FIND** command keyword and must not contain comma or blank characters. e.g. **ABC**.

◆ A **quoted** string (using either apostrophes or quotation marks).

Alpha character matching is case-insensitive unless **wildcard** characters are used. e.g. **'A,B C'** and **"a,b C"** are equivalent.

◆ A **character literal** string specified as a quoted string prefixed with "C".

Alpha character matching is case-sensitive and may include **wildcard** characters. e.g. **C'A,B C'** and **C'a,b C'** are **not** equivalent.

◆ A **hexadecimal** string specified as a quoted string of hex digits prefixed with "X". e.g. **X'81C2C340'**.

◆ A **picture** string specified as a quoted string prefixed with "P".

Special characters represent generic groups of characters as described below. Any character in a picture string that is not one of these special characters is untranslated. e.g. **P'A##-BC'**.

String	Description
P'='	Any character.
P'-'	Any non-blank character.
P'.'	Any non-displayable character.
P'#'	Any numeric character, 0-9.
P'.'	Any non-numeric character.
P'@'	Any uppercase or lowercase alpha character.
P'<'	Any lowercase alpha character.
P'>'	Any uppercase alpha character.
P'\$'	Any non-alphanumeric special character.

◆ A **regular expression** string specified as a quoted string prefixed with "R".

Regular expressions enable powerful string pattern matching at the cost of rather complex syntax and potentially extended command processing time.

For syntax and usage see **Regular Expressions** in the Text Editor documentation. e.g. **R'A:d+x'** would match the upper case character "A" followed by 1 or more numeric digits followed by character "x".

◆ An **unquoted, quoted or character literal** string containing one or more **wildcard** characters.

Single-character wildcard '%' (percent) represents exactly one occurrence of any character. Multiple-character wildcard '*' (asterisk) represents zero or more occurrences of any character.

Beware of the following when using wildcard characters in a find string:

1. Alpha character matching becomes case-sensitive even in **unquoted** and **quoted** strings.
2. For find strings containing a multiple-character wildcard, once a match has been found on the characters in the find string that precede it, the characters in the find string that follow it may be matched at any subsequent location within the SMF record. e.g. For find string 'ABC*DEF', 'ABC' may be matched in the first three characters of the record and 'DEF' in the last three characters of the record.

USERID (*uid1*, *uid2* etc)

USERID is one of the "Content match" class parameters and specifies one or more alternate, comma separated user id values to be matched in SMF record types known to contain a User Id field (**zUserId**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the user id values then a true condition will be returned for the **USERID** parameter. If no match is found or the SMF record is not of a type known to contain a User Id field at a fixed location, then a false condition will be returned.

A user id value may be specified as an **unquoted, quoted or character literal** string and may contain one or more **wildcard** characters as described for the **FIND** parameter. e.g. A user id search string '*1' will match a user id value of any length (maximum 8) that ends with 1. A user id search string 'ABC%DEF' will match a user id beginning with 'ABC'

followed by any other single character followed by 'DEF'.

Unlike a find string, a user id search value does not imply a trailing "*" (asterisk) wildcard and must start at the fixed position within the SMF record at which the zUserId field is located, for length 8 characters. If no wildcard characters are specified, a User id search is padded with blanks or truncated to 8 characters. If no wildcards are specified and the search string is an **unquoted** or **quoted** string, then the alpha characters will be upper cased. e.g. A user id search string 'abc' will match user id 'ABC' but not 'ABC1', 'ABCXXX' or 'XABC'. Search string '%abc' would match 'XABC' only and '*abc*' would match all of these user ids.

The following SMF Record-types are known to contain a User Id field.

004	014	018	026	035	042	062	065	068	110
005	015	020	030	036	060	063	066	069	118
006	017	025	034	040	061	064	067	080	119
010									

JOBNAME(*job1, job2 etc*)

JOBNAME is one of the "Content match" class parameters and specifies one or more alternate, comma separated job name values to be matched in SMF record types known to contain a Job Name field (**zJobName**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the job name values then a true condition will be returned for the **JobName** parameter. If no match is found or the SMF record is not of a type known to contain a Job Name field at a fixed location, then a false condition will be returned.

A job name value may be specified as an **unquoted**, **quoted** or **character literal** string and may contain one or more **wildcard** characters as described for the **FIND** parameter.

Differences between the **JOBNAME** and **FIND** parameter specifications are as described for the **USERID** parameter.

The following SMF Record-types are known to contain a Job Name field.

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

SID(*SystemId1, SystemId2 etc*)

SID is one of the "Content match" class options and specifies one or more alternate, comma separated system id values to be matched each SMF record.

System Id may be specified:

- ◇ Using an unquoted or quoted literal. e.g. ABC will exactly match System Id 'ABC'.
- ◇ Using single-character wildcard '%' (percent). e.g. 'AB%Z' will match any System Id beginning with 'AB' followed by any other single character followed by 'Z'
- ◇ Using multiple-character wildcard '*' (asterisk). e.g. '*Z' will match any System Id ending with 'Z'

All SMF Record-types contain a System Id field (zSID).

LOGIC(AND) / LOGIC(OR)

The **LOGIC** parameter defines the logical operator to be applied between conditions returned by the 4 "Content match" class parameters (**TYPES**, **FIND**, **USERID**, **JOBNAME** and **SID**).

OR indicates that the "Content match" class will return a true condition when a true condition is returned from **ANY** of the "Content match" class fields.

AND indicates that the "Content match" class will only return a true condition if true conditions are returned from **ALL** "Content match" class fields for which values have been specified.

For both **OR** and **AND** logical operations, a true condition will be returned for the "Content match" class if no selection condition values are specified in any of the "Content match" class fields.

ONLINE

Indicates that the input SMF dataset(s) are in the format as written directly by SMF. These are typically **SYS1.xxxx.MAN1/2/3/etc** datasets (SELCOPYi does not support browse of SMF records directly from the System Logger).

ONLINE datasets include a **4-byte record descriptor word (RDW) prefix** at the start of each record, so record-type field mapping must be offset by this amount.

The output dataset will be created in the same format as the input.

OFFLINE

Indicates that the input SMF dataset(s) are the format as written by the SMF archiving tool (IFASMFDP) which does not include a 4-byte (RDW) record prefix. This is the default.

The output dataset will be created in the same format as the input.

- APP** Indicates that any selected input records should be appended to the output dataset.
- FGRND** Indicates that immediate foreground execution is required. This is the default.
- FGRND** Indicates that JCL should be produced for submission to batch.
- CMX** Indicates that command line interface should be produced. The **SMFEXTRC** primary command is displayed in a Text Editor window in a format suitable for execution using the **ACTION** key (default Shift-F4) ready to be copied into your **HOME** file (=4).

See Also:

[SMF Extract Utility panel](#)

SMFFLD

Examples:

`Smffld 30`
Display a table of the name, data type, length and definition for each field defined in the SELCOPYi SDO structure for SMF type 30.

`Smffld 42-26`
Display a table of the name, data type, length and definition for each field defined in the SELCOPYi SDO structure for SMF type 42 subtype 26.

`Smffld`
If executed in an SMF record **Browse full layout display**, then a help window is opened which displays information for every field in all segments defined by the SDO structure for the focus SMF record.

Otherwise a library list window is opened displaying all SMF structure members in the user's **SELCOPYi structure library**.

Syntax:

```

      +--- SMF_RecType ---+
      |                     |
>>-- SMFFLD -----+-----+-----><

```

Description:

SMFFLD displays information on each field in the specified SMF record type or the structure mapping for the focus SMF record segment.

Alternatively, if no record-type is specified and SMFFLD is executed from anywhere other than an SMF browse display, then a **List Library Members** window is opened containing an entry for each SMF structure member in the user's **SELCOPYi structure library**. Entering SMFFLD in the command field against the required member entry will display the mapping information for that structure.

The help displayed for the specific SMF record starts with a list of hyper-links to the relevant field information for each segment structure definition in the SMF record type (or subtype).

Information for a segment structure is presented as a table containing the name, data type, length and definition of each field belonging to the segment. These tables are identical to those included in this manual under the heading "**SMF Record Layouts**".

The tables contain sub-headers that identify the structure name hierarchy for the fields that follow. The structure name hierarchy includes the name of every level of structure to which the field belongs and, when used as a prefix to the field name, constitutes the fully qualified field name that uniquely identifies the field.

A fully qualified field name begins with the segment structure name (level 1) and ends with the field name. Between these names are the names of each structure to which the field belongs in ascending order of level number. Each name is separated from the next by a dot/period (".") character. e.g.

```
SMF030_EXCP.zEXP.zBSZ.zBSZLarge
```

Use of fully qualified field names need only be specified in **report definition** control statements and only then if the field name is not unique within the segment structure. e.g. Because **zBSZLarge** is unique within the **SMF030_EXCP** segment, it may be referenced in a report definition **COLUMNS:** section simply as:

```
SMF030_EXCP.zBSZLarge
```

When an SMF full layout Browse window is opened, SMFFLD is temporarily assigned to the first unassigned PFKey if one is available. A message is displayed informing the user of the selected SMFFLD PFKey.

To display the description of an individual field in the browse display, simply execute the HELP command (default action on <F1>) with the cursor positioned in the field value or column headers.

Parameters:

SMF_RecType
Identifies the SMF record type number and optional subtype number.

To specify a record subtype, use either "**ttt-sss**" or "**ttt#sss**" notation, where "**ttt**" and "**sss**" represent the record type and subtype numbers respectively.

If executed in an SMF full layout browse display, the default is the structure member used to map the focus segment within the display area. Otherwise, the list of structure members is displayed.

REPORT

Examples:

The following examples are as they might appear in a plain text file (e.g. the user's HOME command centre file) suitable for execution using the **ACTION** key.

```
<REPORT RUN RPTDEF ( T030SUM ) \
    SMF-INPUT-BEG \
    USER123.SMF030 \
    TYPES (30-5) \
    DATELO( 2018/09/15 13:00 ) \
    DATEHI( 2018/09/20 ) \
    SMF-INPUT-END
```

Using the **report definition** saved in dataset "*userid*.SELCOPYI.RPT(T030SUM)", produce a report from all **SMF Record-Type 30 SubType 5** records contained in dataset **USER123.SMF030** provided they fall within the DATELO/DATEHI timestamp range.

The **T030SUM** member may contain the following report definition statements:

```
TITLE:
  Job/DD EXCPs Report (from SMF Type 30 Subtype 5)

COLUMNS:
  SMF030_Identification.zJOBNAME           'Job Name'
  SMF030_Identification.zSIT              'Job Start'
  SMF030_Common_Address_Space_Work.ZTME   'Job End'
  SMF030_EXCP.zDDN                        'DDName'
  SMF030_EXCP.zBLK                        'EXCP Blks'

REPEAT:
  SMF030_EXCP
```

Execution of the REPORT command would create a report output that looks something like the following:

12018/09/14 12:04 Job/DD EXCPs Report (from SMF Type 30 Subtype 5) PAGE 1					
Job Name	Job Start	Job End	DDName	EXCP	Blks

SMFCLEAR	2018/09/04 01:09:18.03	2018/09/04 01:09:29.73	INDD1		14400
			DUMPOUT		786
			SYSPRINT		0
			SYSIN		2
SMFCLEAR	2018/09/04 02:55:15.33	2018/09/04 02:55:26.97	INDD1		14400
			DUMPOUT		783
			SYSPRINT		0
			SYSIN		2
SMFCLEAR	2018/09/04 04:41:32.55	2018/09/04 04:41:45.63	INDD1		14400
			DUMPOUT		786
			SYSPRINT		0
			SYSIN		2
SMFCLEAR	2018/09/04 06:27:59.30	2018/09/04 06:28:09.90	INDD1		14400
			DUMPOUT		788
			SYSPRINT		0
			SYSIN		2
----- 6178 line(s) not displayed -----					
12018/09/14 12:04 Job/DD EXCPs Report (from SMF Type 30 Subtype 5) PAGE 113					
Job Name	Job Start	Job End	DDName	EXCP	Blks

SMFCLEAR	2018/09/07 09:54:14.26	2018/09/07 09:54:25.94	INDD1		14400
			DUMPOUT		796
			SYSPRINT		0
			SYSIN		2
SMFCLEAR	2018/09/07 11:31:38.69	2018/09/07 11:31:51.49	INDD1		14400
			DUMPOUT		792
			SYSPRINT		0
			SYSIN		2
SMFCLEAR	2018/09/07 13:08:53.59	2018/09/07 13:09:05.39	INDD1		14400
			DUMPOUT		786
			SYSPRINT		0
			SYSIN		2
== Grand Totals (5846 Items)				=====	1139389
				=====	

Syntax:

```

          +-- ADD  --+
          |          |
  >>-- Report -----+-----+-----+-----+----->
          |          |          |          |          |
          +-- RUN  --+   +- RPTDEF( ReportDefinitionFile ) +-+   +- CSV  --+
          |          |          |          |          |
          +-- JCL  --+          |          |          |
          |          |          |          |          |
          +-- CMX  --+          |          |          |
          |          |          |          |          |
          +-- L    --+          |          |          |
                                   +- BROWSE--+

  >-----+-----<
  |
  +- SMF-INPUT-BEG  --| SMF Source |-- SMF-INPUT-END  --+
  
```

SMF Source:

```

          +- OFFLINE  --+
          |
  |----- SMFFile -----+-----+-----+----->
          |          |          |          |
          +-- ONLINE --+          |          |
                                   +-----+
                                   v         |
                                   +- TYPES(+ nn -+) +-+
  >-----+----->
  |
  +- DATELO(+---yyyy/mm/dd hh:mm:ss.tt---) +-+
          |          |
          +- -nnn  ------+
  >-----+----->
  |
  +- DATEHI(+---yyyy/mm/dd hh:mm:ss.tt---) +-+
          |          |
          +- -nnn  ------+
  >-----+-----+-----+-----+-----+----->
  |          +- , ---+ |          +- , ---+ |
  |          v         | |          v         | |
  +- USERID(+ uid -+) +-+   +- JOBNAME(+ job -+) +-+
  >-----+-----+-----+-----+-----+----->
  |          +----- , ------+ |          +--- , ---+ |
  |          v         | |          v         | |
  +- FIND(+<FindString>+) +-+   +- SID(+ sysid -+) +-+
  >-----+-----+-----+-----+-----+----->
  |          +-OR---+ |          +-ILIM(nn)-+ |          +-OLIM(nn)-+ |
  |          |          |          |          |
  +- LOGIC(+-----+) +-+
  |          |
  +-AND---+
  
```

Description:

REPORT provides a command-line interface (CLI) to the **SMF Report Utility** panel.

The layout of your desired report should be specified using control statements saved in the **Report Definition** dataset.

The report produced will typically consist mainly of data extracted from a list of data fields from a single SMF Record-Type, but you can select fields from more than one record-type and even generate your own values based on meaningful calculations. The report can reference fields from both Primary (Base) and **Secondary segments**.

A user definable heading will be printed at the top of each page, followed by user definable column headings for each selected field.

Grand totals will automatically be printed for any selected field containing integer data, and sub-totals will also be printed if a sort/control-break has been requested.

See **REPORT Definition** for full details of supported report definition control statements.

The utility supports sourcing SMF data from either the **"SYS1.xxxx.MANn"** dataset format (VSAM ESDS with 4-byte "RDW" prefix) that is written to directly by SMF, or the dataset format written by the **SMF UNLOAD utility** (normally **RECFM=VBS** with no 4-byte "RDW" prefix).

Record Filtering

SMF records may be filtered so that only records that satisfy specified selection criteria are selected for reporting.

A combination of record filtering parameters may be specified, each relating to one of the following record filtering classes:

1. Input record limit (ILIM)
2. Output record limit (OLIM)
3. Earliest timestamp (DATELO)
4. Latest timestamp (DATEHI)
5. Content match (TYPE, FIND, USERID, JOBNAME and SID)

The "Content match" class encompasses filter criteria specified for any combination of parameters **TYPE**, **FIND**, **USERID**, **JOBNAME** and **SID**, each parameter itself returning either a true or false condition. The overall condition returned by the "Content match" class is based on the logical relationship between each of these parameters. The value specified by the **LOGIC** parameter determines this relationship as follows:

- For **LOGIC(OR)**, a true condition will be returned for the "Content match" class if at least **one** of the specified content match parameters returns a true condition. This is the default if LOGIC is not specified.
- For **LOGIC(AND)**, a true condition will be returned for the "Content match" class if **all** of the specified content match parameters return a true condition.

Each of the "Content match" parameters (TYPE, FIND, USERID, JOBNAME and SID) support specification of multiple, **alternate** values. If any of these alternate values match the data in the record, then a true condition will be returned for that parameter.

e.g. A "Content match" class specification of **TYPES(14,15) JOBNAME(SMF*,DCH*) LOGIC(AND)** will return a true condition if the SMF record is identified as being either type 14 or 15 **AND** it contains a value beginning "SMF" or "DCH" in the zJOBNAME field.

If your selection criteria requirements go beyond the scope of the "Content match" record filtering class then you will need to code a **FILTER**: expression in your [Report Definition File](#).

Parameters:

ReportDefinitionFile

The name of a data set or PDS/PDSE library member that contains the SMF report definition control statements.

See [REPORT Definition](#) for full details of supported report definition control statements.

If a member name only is supplied then it is assumed to be in library *userid.SELCOPYI.SMF.RPT*.

TYPES (*rr1,rr2 rr3-ss1 rr4#ss2 rr5:rr6*)

Specifies the SMF record types/subtypes to be selected.

A list of one or more record type (and optional subtype) numbers must be provided in brackets immediately following (no blank) the TYPES keyword, each separated by either blank or comma.

To request subtype *ss* of record type *rr* you may specify either *rr-ss* or *rr#ss*. e.g. 42-3 will specifically select SMF type 42 records of subtype 3.

Where a subtype is not included on a type specification, a colon ":" may be inserted between 2 record type values to identify a range of record types. e.g. 60:69 may be used to identify all SMF record types between 60 and 69 inclusively.

DATELO (*yyyy/mm/dd hh:mm:ss.tt*)

Specifies the minimum timestamp for record selection specified in **yyyy/mm/dd hh:mm:ss.tt** format, which may be specified in as much detail as necessary. e.g. **2018/09/12** will be treated as **2018/09/12 00:00:00.00**

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

DATEHI (*yyyy/mm/dd hh:mm:ss.tt*)

Specifies the maximum timestamp for record selection in **yyyy/mm/dd hh:mm:ss.tt** format, which may be specified in as much detail as necessary. e.g. **2018/09** will be treated as **2018/09/99 99:99:99.99**

A date relative to the current day may also be supplied as **+/-nnn**
e.g. If today were **2016/03/05** then **-5** will be treated as **2016/02/29** (leap year).

ILIM (*nn*)

Specifies the maximum number of records that may be read from each SMF input dataset for potential selection.

See panel field [Output Limit](#) for further discussion.

OLIM (*nn*)

Specifies the maximum number of records that may be selected for output to the SMF output dataset.

See panel field [Output Limit](#) for further discussion.

FIND (*FindString1, FindString2, ...*)

FIND is one of the "Content match" class parameters and specifies one or more alternate, comma separated strings to be located at any position within an SMF record.

If a record contains any of the search strings then a true condition will be returned for the **FIND** parameter. e.g.

```
FIND( SYS1.MACLIB, SYS1.MIGLIB, SYS1.MODGEN, SYS1.MSGEN)
```

Find strings may be specified as any of the following:

◆ An **unquoted** string.

Alpha character matching is case-insensitive unless **wildcard** characters are used. The string must not match a FIND command keyword and must not contain comma or blank characters. e.g. **ABC**.

◆ A **quoted** string (using either apostrophes or quotation marks).

Alpha character matching is case-insensitive unless **wildcard** characters are used. e.g. **'A,B C'** and **"a,b C"** are equivalent.

◆ A **character literal** string specified as a quoted string prefixed with "C".

Alpha character matching is case-sensitive and may include **wildcard** characters. e.g. **C'A,B C'** and **C'a,b C'** are **not** equivalent.

◆ A **hexadecimal** string specified as a quoted string of hex digits prefixed with "X". e.g. **X'81C2C340'**.

◆ A **picture** string specified as a quoted string prefixed with "P".

Special characters represent generic groups of characters as described below. Any character in a picture string that is not one of these special characters is untranslated. e.g. **P'A##-BC'**.

String	Description
P'='	Any character.
P'-'	Any non-blank character.
P'.'	Any non-displayable character.
P'#'	Any numeric character. 0-9.
P'.'	Any non-numeric character.
P'@'	Any uppercase or lowercase alpha character.
P'<'	Any lowercase alpha character.
P'>'	Any uppercase alpha character.
P'\$'	Any non-alphanumeric special character.

◆ A **regular expression** string specified as a quoted string prefixed with "R".

Regular expressions enable powerful string pattern matching at the cost of rather complex syntax and potentially extended command processing time.

For syntax and usage see **Regular Expressions** in the Text Editor documentation. e.g. **R'A:d+x'** would match the upper case character "A" followed by 1 or more numeric digits followed by character "x".

◆ An **unquoted, quoted** or **character literal** string containing one or more **wildcard** characters.

Single-character wildcard '%' (percent) represents exactly one occurrence of any character. Multiple-character wildcard '*' (asterisk) represents zero or more occurrences of any character.

Beware of the following when using wildcard characters in a find string:

1. Alpha character matching becomes case-sensitive even in **unquoted** and **quoted** strings.
2. For find strings containing a multiple-character wildcard, once a match has been found on the characters in the find string that precede it, the characters in the find string that follow it may be matched at any subsequent location within the SMF record. e.g. For find string 'ABC*DEF', 'ABC' may be matched in the first three characters of the record and 'DEF' in the last three characters of the record.

```
USERID( uid1, uid2 etc )
```

USERID is one of the "Content match" class parameters and specifies one or more alternate, comma separated user id values to be matched in SMF record types known to contain a User Id field (**zUserId**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the user id values then a true condition will be returned for the **USERID** parameter. If no match is found or the SMF record is not of a type known to contain a User Id field at a fixed location, then a false condition will be returned.

A user id value may be specified as an **unquoted, quoted** or **character literal** string and may contain one or more **wildcard** characters as described for the **FIND** parameter. e.g. A user id search string '*1' will match a user id value of any length (maximum 8) that ends with 1. A user id search string 'ABC%DEF' will match a user id beginning with 'ABC' followed by any other single character followed by 'DEF'.

Unlike a find string, a user id search value does not imply a trailing "*" (asterisk) wildcard and must start at the fixed position within the SMF record at which the zUserId field is located, for length 8 characters. If no wildcard characters are specified, a User id search is padded with blanks or truncated to 8 characters. If no wildcards are specified and the search string is an **unquoted** or **quoted** string, then the alpha characters will be upper cased. e.g. A user id search string 'abc' will

match user id 'ABC' but not 'ABC1', 'ABCXXX' or 'XABC'. Search string '%abc' would match 'XABC' only and '*abc*' would match all of these user ids.

The following SMF Record-types are known to contain a User Id field.

004	014	018	026	035	042	062	065	068	110
005	015	020	030	036	060	063	066	069	118
006	017	025	034	040	061	064	067	080	119
010									

JOBNAME(*job1, job2 etc*)

JOBNAME is one of the "Content match" class parameters and specifies one or more alternate, comma separated job name values to be matched in SMF record types known to contain a Job Name field (**zJobName**) at a fixed location within the record data. This fixed position may be different for each of the SMF record types.

If a record contains any of the job name values then a true condition will be returned for the **JobName** parameter. If no match is found or the SMF record is not of a type known to contain a Job Name field at a fixed location, then a false condition will be returned.

A job name value may be specified as an **unquoted, quoted** or **character literal** string and may contain one or more **wildcard** characters as described for the **FIND** parameter.

Differences between the **JOBNAME** and **FIND** parameter specifications are as described for the **USERID** parameter.

The following SMF Record-types are known to contain a Job Name field.

004	010	017	025	034	040	061	064	067	080
005	014	018	026	035	042	062	065	068	110
006	015	020	030	036	060	063	066	069	118

SID(*SystemId1, SystemId2 etc*)

SID is one of the "Content match" class options and specifies one or more alternate, comma separated system id values to be matched each SMF record.

System Id may be specified:

- ◇ Using an unquoted or quoted literal. e.g. ABC will exactly match System Id 'ABC'.
- ◇ Using single-character wildcard '%' (percent). e.g. 'AB%Z' will match any System Id beginning with 'AB' followed by any other single character followed by 'Z'
- ◇ Using multiple-character wildcard '*' (asterisk). e.g. '*Z' will match any System Id ending with 'Z'

All SMF Record-types contain a System Id field (zSID).

LOGIC(AND) / LOGIC(OR)

The **LOGIC** parameter defines the logical operator to be applied between conditions returned by the 4 "Content match" class parameters (**TYPES**, **FIND**, **USERID**, **JOBNAME** and **SID**).

OR indicates that the "Content match" class will return a true condition when a true condition is returned from **ANY** of the "Content match" class fields.

AND indicates that the "Content match" class will only return a true condition if true conditions are returned from **ALL** "Content match" class fields for which values have been specified.

For both **OR** and **AND** logical operations, a true condition will be returned for the "Content match" class if no selection condition values are specified in any of the "Content match" class fields.

ONLINE

ONLINE indicates that the SMF dataset is in the format as written directly by SMF to the SMF log datasets (**SYS1.xxxx.MANx**). Note that SELCOPYi does not support extraction of SMF records directly from the System Logger.

ONLINE datasets include a **4-byte record descriptor word (RDW) prefix** at the start of each record, so record-type field mapping must be offset by this amount.

OFFLINE

Indicates that the input SMF dataset(s) are the format as written by the SMF archiving tool (IFASMFDP) which does not include a 4-byte (RDW) record prefix. This is the default.

FGRND | RUN

Indicates that immediate execution is required. This is the default.

If running interactively under SELCOPYi (as apposed to running in batch using PGM=SDEAMAIN) then the report output will be collected in-storage and displayed in a Text Editor window. The output will not be saved to disk but the user may enter the **CREATE** or **REPLACE** commands to do so.

If the expected report output is larger than your available foreground region then you should choose the **JCL** option to generate a batch job which will write the report to the DD name **SDEPRINT**.

BATCH | JCL

Indicates that JCL should be produced for submission to batch.

CMX

Indicates that command line interface should be produced. The **REPORT** primary command is displayed in a Text Editor window in a format suitable for execution using the **ACTION** key (default Shift-F4) ready to be copied into your **HOME** file (=4).

L

Lists all members of report definition library *userid.SELCOPYI.RPT*.

ADD

This option is intended for execution via a function key (F1-F24) and assists the user creating a report definition by generating "COLUMNS:" section control statements for all "SELECTed" columns within the **focus record** during an **SMF Browse Session**.

The following demonstrates use of the REPORT ADD facility.

1. Start a formatted browse of an SMF dataset containing the type of record you wish to report on, then navigate to an instance of that record-type (e.g. **NEXT SMF014**).
2. Use the **KEYS dialog** or **SET PFKEY** command to temporary assign a function key definition to a "REPORT ADD" command (e.g. **PF 6 REPORT ADD T014RPT1**).
3. Type primary command **SEL** to open a dialog that will allow you to pick the columns you wish to see in your report (and the order in which they should appear). On exit from the dialog the browse view will have updated as per your selection.

Alternatively, if you know the names (or field reference numbers) of the fields you require just type "**SEL fieldname1,fieldname2,...,fieldname99**".

4. Press function key **F6** to add the columns to the report definition member.
5. Library member *userid.SELCOPYI.SMF.RPT(T014RPT1)* will be displayed with a new "COLUMNS:" style control statement added for each selected field.

For each field, a **column heading** is generated from the text of the first sentence of the field's description. The new line character "|" will be inserted into the heading, forcing it over multiple lines where necessary, in order to minimise the report column's width.

6. Repeat this process for any secondary segments if required.

See Also:

[SMF Report Utility panel](#)

VBASE - SET/QUERY/EXTRACT Option

Syntax:

```
>>+-----+ VBASE -----+ ON +-----+<<
    | SET -----+          | OFF  --+
    +-----+          +-----+
```

```
>>--- Query ----- VBASE -----+<<
```

```
>>--- EXTRACT --- /VBASE/ -----+<<
```

Description:

VBASE controls whether or not record data assigned to a secondary segment record type mapping is displayed or suppressed. If suppressed, only primary (base) segments are displayed.

If secondary segments are suppressed (VBASE ON) and **SHADOW ON** (or **RESET HIDE**) is in effect, then groups of lines assigned the same secondary segment time are displayed as a single suppressed shadow line.

Compare with the **VIEW** primary command and prefix (line) command equivalents ("V", "V+" and "V-") which suppress or display segments on an individual segment record-type basis.

SET VBASE takes effect at the view level, so separate windows open on the same file may independently control this option.

SET Value:

ON | OFF

VBASE ON suppresses display of all secondary segment lines and displays all base (primary) segment lines only.

VBASE OFF resets the suppression of ALL secondary segments allowing the prevailing **VIEW** option to take full effect.

QUERY Response:

The current setting of the VBASE option, **ON** or **OFF**.

EXTRACT Rexx variables:

vbase.0	1
vbase.1	The current setting of the VBASE option, ON or OFF .

Creating your own "Commands"

You can, in a sense, create your own primary/line-commands that act as a short cut to perform any specific SMF (or other SELCOPYi) task.

This is achieved by creating a "macro" that will execute one or more of the previously described **Primary Commands**.

Example 1 - User command "SMFB30" to Browse SMF Type 30 records

1. Type "EM SMFB30".

This will edit a new member in your personal SELCOPYi REXX macro library.

2. Add the following lines and save the member.

```
-USER123.SELCOPYI.CBLE(SMFB30) G=1(0)      255 V PDSE   Size=6   Alt==+x
Command>                                     Scroll> Csr
<-----1-----2-----3-----4-----5-----6-----
00001 /* Execute SMFB to select Type 30 records only */
00002
00003   arg SmfDataset
00004   if SmfDataset = '' then SmfDataset = 'CBL.SMF.GDG(0)'
00005
00006   'smfb' SmfDataset 'types(30)'
00007 * * * End of File * * *
```

Figure 33. SMFB30 Sample REXX macro.

3. Type "LD my.smf.datasets" to bring up a list of your archived SMF datasets
4. Type "SMFB30" against any one the datasets to display its type 30 records only.

```
-Dataset List: CBL.SMF.GDG                                     2020/02/13 11:15  -+x
View Refresh Back Forward FDB Text Help
Command>                                     Scroll> Csr
DSN mask> CBL.SMF.GDG
Catalog> USERCAT.CBLCAT
Types>
AllVols> N
          VSAM Data+Ix> N
-----Entry----- -VolX-- Org RecFm Lrecl Blksz  ---DSType--- -DsKb-- --Trks--- ---Pr
CBL.SMF.GDG          0      0
CBL.SMF.GDG.G8637V00 CBLM15 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8638V00 CBLM01 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8639V00 CBLM07 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8640V00 CBLM10 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8641V00 CBLM11 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8642V00 CBLM07 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8643V00 CBLM12 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8644V00 CBLM05 PS VBS  32760 27998 Active GDS  23808  405
smfb30 CBL.SMF.GDG.G8645V00 CBLM04 PS VBS  32760 27998 Active GDS  23808  405
CBL.SMF.GDG.G8646V00 CBLM15 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8647V00 CBLM11 PS VBS  32760 27998 Active GDS  23808  405
CBL.SMF.GDG.G8648V00 CBLM01 PS VBS  32760 27998 Active GDS  23808  405
CBL.SMF.GDG.G8649V00 CBLM04 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8650V00 CBLM13 PS VBS  32760 27998 Active GDS  22927  390
CBL.SMF.GDG.G8651V00 CBLM08 PS VBS  32760 27998 Active GDS  22927  390
Line 1 of 52 | Col 1 of 542 | Views 3 | select Entry,VolX,Org,RecFm,Lrecl,Blksz,DSType,DsKb,Trks,P
```

Figure 33. SMFB30 Sample REXX macro.

5. Type "SMFB30" from the main command prompt of any window to display type 30 records from your default SMF dataset (as defined in the SMFB30 macro).

The sample above specifies **CBL.SMF.GDG(0)** as the default SMF dataset if no parameter argument is supplied.

Example 2 - User command "SMFR14" to Report on SMF Type 14 records

1. Type "EM SMFR14".

This will edit a new member in your personal SELCOPYi REXX macro library.

2. Add the following lines and save the member.

The sample below assumes you have already created your **REPORT Definition** in member **USER123.SELCOPYI.RPT(SMF14@01)**.

```
-USER123.SELCOPYI.CBLE(SMFR14)  G=1(0)      255 V PDSE   Size=6   Alt=-+x
Command>                               Scroll> Csr
<---+----1-----2-----3-----4-----5-----6-----
00001 /* Execute REPORT for SMF 14 records */
00002
00003   arg SmfDataset
00004   if SmfDataset = '' then SmfDataset = 'CBL.SMF.GDG(0)'
00005
00006   'report run rptdef( USER123.SELCOPYI.RPT(SMF14@01) )' ,
00007     'pagedepth(55)' ,
00008     'smf-input-beg' ,
00009     SmfDataset ,
00010     'smf-input-end'
00011 * * * End of File * * *
```

Figure 33. SMFR14 Sample REXX macro.

3. As for the previous example you can now bring up a list of your archived SMF datasets then type "SMFR14" against any one the datasets to report on its type 14 records, or type the command from main command prompt to report from your default SMF dataset.

4. Also, you can add a number of entries into to your **HOME (=4)** file, then execute any of them by placing your cursor on the command then pressing the "**ACTION**" key (Shift-F4).

```
-USER123.SELCOPYI.CMX  32752 V SEQ   Size=130   Alt=0,0;1
Command>                               Scroll> Csr
<---+----1-----2-----3-----4-----5-----6-----
00001 ** USER123.SELCOPYI.CMX ***          L=001 --- 2020/02/13 15:56:53
00002
00003 | Display SMF type 14 reports for 1st of July, Aug, Sep, Oct etc
00003 <smfr14 SMF.EXTRACT.D190701
00004 <smfr14 SMF.EXTRACT.D190801
00005 <smfr14 SMF.EXTRACT.D190901
00006 <smfr14 SMF.EXTRACT.D191001
00007 <smfr14 SMF.EXTRACT.D191101  OLim( 5000 )
00008 <smfr14 SMF.EXTRACT.D191201
```

Figure 33. SMFR14 Sample REXX macro.

REPORT Definition

Full details for all available Report Definition control statements may be found in the separate manual [SELCOPYi Report Utility](#). For convenience, information on the main features useful in creating basic SMF reports is duplicated here.

Report Definition control statements contains the following distinct sections:

- **BLANKIFZERO:**
- **BREAK:**
- **COLUMNS:**
- **COMPUTE:**
- **FILTER:**
- **OPTIONS:**
- **REPEAT:**
- **REQUIRED:**
- **RESET:**
- **SORT:**
- **TITLE:**
- **TOTALS:**

The SMF Report Utility is used to generate a printable report from a dataset containing SMF records.

The layout of desired report must be specified using control statements saved in a dataset which is split into sections e.g. **COLUMNS:**

Each section marker (xxxxx:) will be followed by one or more control statements.

The columns section for instance is followed by a line specifying each column to appear in the report. The order of the lines determines the order of the columns on the report page.

The report produced will typically consist mainly of data extracted from a list of data fields from a single SMF Record-Type, but you can select fields from more than one record-type and even generate your own values based on meaningful calculations. The report can reference fields from both Primary (Base) and **Secondary segments**.

A user definable heading will be printed at the top of each page, followed by user definable column headings for each selected field.

Grand totals will automatically be printed for any selected field containing valid numeric data, and **sub-totals** will also be printed if a sort/control-break has been requested.

Report definition lines starting with *asterisk* ("*") and any text enclosed by a *slash-asterisk* ("/*") and *asterisk-slash* ("*/") pair will be treated as **comment** data. However, comments are not supported in the **TITLE:** section.

Example report definition.

```

<---+----1-----2-----3-----4-----5-----6-----+----
00001 TITLE:
00002
00003     *** Selective SMF 014 Report
00004         (sorted by Job+DSN) ***
00005
00006 COLUMNS:
00007     SMF014_INPUT_or_RDBACK_Dataset.zJobName      'Job Name'
00008     SMF014_INPUT_or_RDBACK_Dataset.zRST         'Reader Timestamp'  16
00009     SMF014#3_Step_Info.zSPN                     'Step'
00010     SMF014#3_Step_Info.zPGN                     'PgmName'
00011     SMF014_INPUT_or_RDBACK_Dataset.SMFTIOE5     'DDName'
00012
00013     SMF014_INPUT_or_RDBACK_Dataset.DSN           'Dataset Name'      31
00014     SMF014_INPUT_or_RDBACK_Dataset.SMFEXCP(1)  'EXCPs'              6 R
00015     SMF014_INPUT_or_RDBACK_Dataset.VOLS        'VolSer'             6
00016     SMF014_INPUT_or_RDBACK_Dataset.RECFM      'Fmt'                3
00017     SMF014_INPUT_or_RDBACK_Dataset.RECL       'Lrecl'              5 R
00018     SMF014_INPUT_or_RDBACK_Dataset.BLKSZ     'BlkSz'              5 R
00019     SMF014_INPUT_or_RDBACK_Dataset.Disp
00020     SMF014_INPUT_or_RDBACK_Dataset.Shr
00021
00022 SORT:
00023     SMF014_INPUT_or_RDBACK_Dataset.zJobName
00024     SMF014_INPUT_or_RDBACK_Dataset.DSN
00025
00026 BREAK:
00027     SMF014_INPUT_or_RDBACK_Dataset.zJobName
00028
00029 TOTALS:
00030     SMF014_INPUT_or_RDBACK_Dataset.SMFEXCP(1)
00031
00032 BLANKWHENZERO:
00033     SMF014_INPUT_or_RDBACK_Dataset.SMFEXCP(1)
00034
00035 FILTER:
00036 * Select if DDNAME not SYSxxxx and DSN begins "CBL", "JGE" or "NBJ".
00037
00038     SMF014_INPUT_or_RDBACK_Dataset.SMFTIOE5 \>> 'SYS'

```

```

00039 and ( SMF014_INPUT_or_RDBACK_Dataset.DSN >> 'CBL'
00040 or SMF014_INPUT_or_RDBACK_Dataset.DSN >> 'JGE'
00041 or SMF014_INPUT_or_RDBACK_Dataset.DSN >> 'NBJ'
00042 )
00043 * * * End of File * * *

```

Figure 33. Report Definition.

TITLE: (Optional)
Data that follows "TITLE:" section header defines the title of the report which will appear centralised on the first line of each page.

The report title may span multiple lines in the report definition file, and immediately follow the section header (you don't need to start a new line).

The date/time in "**yyyy/mm/dd hh:mm**" format will automatically be added (left adjusted) on the report page heading line.

Right adjusted on this line will be **page number**.

Comments (lines beginning with asterisk) are not supported within the TITLE: section and will be treated as part of the report title.

COLUMNS: (Required)
Each line following defines a report columnn.

◇ **Token 1** on the line identifies the SMF **record-type** and **field name** in "**rectype.field**" notation. e.g.

```
SMF014_INPUT_or_RDBACK_Dataset.DSN
```

Where **SMF014_INPUT_or_RDBACK_Dataset** is the record-type and **DSN** is the field name.

It is also permissible to refer to fields within **Secondary segments** that belong to the **Primary** (or Base) segment. e.g.

```
SMF014#3_Step_Info.zPGN
```

Restrictions:

- Only one "Base" segment may be reported upon.
- At least one field must be selected from that "Base" segment.

◇ **Token 2** is optional. It defines a **column heading** which must be supplied in quotes. e.g. '**Dataset Name**' If no heading is supplied then the field name is used. e.g. "DSN"

To supply subsequent options (column width etc) without overriding the column heading just include a null heading by supply two simultaneous quotes. e.g.

```
SMF014_INPUT_or_RDBACK_Dataset.DSN '' 20
```

◇ **Token 3** is optional. It defines a **column width** override allowing you to truncate a long field or pad (with blanks) a short field.

◇ **Token 4** is optional. It specifies whether the significant bytes of the column value returned by the field extraction are on the **LEFT (L)** or the **RIGHT (R)**. When "LEFT" is used, values will be truncated on the right. When "RIGHT" is used, values will be truncated on the left. "LEFT" is default.

Note that numeric field values are always extracted as right adjusted character strings and so "RIGHT" (or "R") should be specified.

COMPUTE: (Optional)
The COMPUTE section identifies the start of REXX program statements that are executed immediately prior to writing an output record detail line. The values assigned to user-defined *compute-field* variables should be updated in the COMPUTE section using standard REXX operations and functions.

If a *compute-field* variable may be based on the current value contained in an input record field (*input-field*). If this is the case, *input-field* must have been defined in either the **COLUMNS** or **REQUIRED** section and referenced within the REXX statements without its first qualifier (i.e. the record mapping (record-type) structure name).

The value assigned to *input-field* will be the last one obtained from the input data before the COMPUTE REXX statements are called and the next output detail line is written. Similarly, the prevailing value assigned to a REPORT built-in field will be returned if a *built-in-field* is referenced.

If required, *input-field* and *built-in-field* values may also be updated within the REXX statements.

If *compute-field* needs to be assigned an initial value, then this may be done in the **BROWSE-EXIT** section. For example, a *compute-field* variable "XNUM" may be a counter value referenced in a BREAK line and so must be initialised to zero ("0") before the COMPUTE section containing the REXX statement "XNUM=XNUM+1" is executed.

The REPORT utility supports a number of built-in REXX functions that may be used in the COMPUTE section. See **Appendix B. Built-in functions** for descriptions of these.

Example:

```

REQUIRED:
  SMF030_Common_Address_Space_Work.zTME

COMPUTE:
  Duration = ''
  if zSIT<>' ' then
    do; if zTME<>' '
      then Duration = Secs2Time( Time2Secs(zTME) - Time2Secs(zSIT) )
    zSIT = translate(zSIT , "-:," , "/:." ) /* Date and Time chars. */
  end

COLUMNS:
  SMF030_Identification.zJOBNAME
  SMF030_Identification.zSIT
  :Duration

```

The above example calculates the time elapsed between a start and end timestamp and assigns the value to the REXX variable "Duration". It then updates the "zSIT" input record timestamp value so that it displays in the format "yyyy-mm-dd HH.MM.SS,tt".

This variable name is identified as :Duration (a *compute-field*) in the COLUMNS section. Each column detail line will contain a job name ("zJobName"), followed by the job execution start time ("zSIT"), followed by the job execution time (":Duration").

Note that the input record field containing the end time (zTME) is not included in the column detail line and so must be referenced in the REQUIRED section in order that its value is retrieved from the input records.

The Duration value is dependent upon non-null values for both zTME and zSIT otherwise a null Duration value will be returned. "Secs2Time" and "Time2Secs" are REPORT utility built-in functions to convert a number of seconds to an elapsed time and a timestamp to number of seconds respectively.

SORT: (Optional)

Each line following defines a report column on which sort is to be performed.

◇ **Token 1** on the line identifies the SMF **record-type** and **field name** in "**rectype.field**" notation as described for **COLUMNS:**.

In addition "**(A)**" or "**(D)**" may be supplied to define the **sort order** for that column as **ascending** or **descending**. "**(A)**" is the default.

TOTALS: (Optional)

This section is optional since the default action is to produce totals for all fields that contain at least one valid number.

Each line following defines a report column for which totals/sub-totals are to be reported.

◇ **Token 1** on the line identifies the SMF **record-type** and **field name** in "**rectype.field**" notation as described for **COLUMNS:**.

Column data that is not a valid number does not contribute to the reported total value.

BREAK: (Optional)

Each line following defines a column on which a report break will occur.

◇ **Token 1** on the line identifies the SMF **record-type** and **field name** in "**rectype.field**" notation as described for **COLUMNS:**.

A change in the value of any of the break columns will result in a **report gap** that will include **sub-totals** for any numeric columns.

Any break column must also appear as a "**SORT:**" column.

◇ **Token 2** is optional and may be used to supply a number which restricts the length of data (starting at the left of the field) used to detect a change in value.

A useful example of this would be where the break column is a timestamp field in *yyyy/mm/dd hh:mm:ss* format, but the break is required on the date portion only (i.e. change of day). e.g.

```

BREAK:
  SMF042#24_DFSMS.zTME 10

```

BLANKIFZERO: (Optional)

Each line following defines a column which will have a value of "0" translated to blank for **readability** i.e. making non-zero values stand out more clearly.

◊ **Token 1** on the line identifies the SMF **record-type** and **field name** in "**rectype.field**" notation as described for **COLUMNS:**.

"**BIZ:**", "**BLANKWHENZERO:**" and "**BWZ:**" are all valid synonyms.

FILTER: (Optional)

Use the **FILTER:** section to define an optional record selection criteria **expression**, which may include multiple (possibly parenthesised) terms and supports the standard Data-Edit **operators**.

e.g. Select SMF Record Type 14 only when the DDNAME does not begin with "SYS" and DSN begins with either "CBL", "JGE" or "NBJ".

```
FILTER:
      SMF014_INPUT_or_RDBACK_Dataset.SMFTIOE5 \>> 'SYS'
and (
  SMF014_INPUT_or_RDBACK_Dataset.DSN >> 'CBL'
  or SMF014_INPUT_or_RDBACK_Dataset.DSN >> 'JGE'
  or SMF014_INPUT_or_RDBACK_Dataset.DSN >> 'NBJ'
)
```

Note that explicit qualification of the field names by prefixing the record/segment name (followed by a dot) is not necessary, provided the field is within the "Primary" (Base) Segment. So the above example could equally be specified as follows.

```
FILTER:
      SMFTIOE5 \>> 'SYS'
and (
  DSN >> 'CBL'
  or DSN >> 'JGE'
  or DSN >> 'NBJ'
)
```

However, where the field referenced is part of a "Secondary" segment, the segment name prefix is required. e.g.

```
FILTER:
  SMF030_Completion.zSCC > 0
```

REPEAT: (Optional)

Each line following identifies a **secondary segment** name.

The default action for the report tool is that it outputs a report line for each **base** record (primary segment) having potentially gathered information from one or more of its attached **secondary** segments.

In fact it is currently a limitation that at least one field must be selected from the base segment and selection may be made from one base segment only.

Because many SMF record types contain repeating groups of secondary segments, the "REPEAT:" option may be used to identify the segment record-type on each of which you wish to generate a report line.

REQUIRED: (Optional)

Should be unnecessary.

Each line following identifies a **secondary segment** name that must be included in the temporarily generated structure required to produce the report.

It is intended that the report tool be sophisticated enough to automatically recognise (from the "COLUMNS:" definition and other information available in the supplied fully comprehensive SMF Record Type structures) the names of any secondary segments required to build the most basic structure capable of producing the desired report.

The fewer segments that are included, the faster the report will run.

This option is intended only for those occasions when the automatic process has failed to recognise a dependency and the SELCOPY support team should be notified in that event.

RESET: (Optional)

Each line following identifies a report column whose value should be reset to null following the output of a report line.

If a column is not identified in the **RESET:** section and is sourced from a secondary segment that does not appear again before the next report line is ready to be output, then the previous value will be repeated for that column.

So, as a general rule, if your report includes columns from segments that are not guaranteed to be present for every base segment, then a **RESET:** entry should be added to ensure a "blank" value is reported whenever the segment is missing.

OPTIONS: (Optional)

The **OPTIONS:** section currently supports only one keyword, that being **NOTOTALS** which prevents the tool's default action which is to report totals for any column containing at least one valid numeric value.

See also **TOTALS:**

Appendix A: Sample Reports

SMF 14 - Dataset Usage Statistics

Generate a report line for each dataset opened showing job information and EXCP count. Groups report lines by unique job name and insert a single blank line between jobs.

SELCOPYi SMF Report Definition Statements:

```

TITLE:
  Dataset Usage by Job Name

COLUMNS:
  SMF014_INPUT_or_RDBACK_Dataset.zJOBNAME      'Job Name'
  5 /* Gap of 5 blanks */
  SMF014_INPUT_or_RDBACK_Dataset.zRST          'Reader Timestamp'
  SMF014#3_Step_Info.zSPN                      'Step|Name'
  SMF014#3_Step_Info.zPGN                      'Program|Name'
  SMF014_INPUT_or_RDBACK_Dataset.JFCB.DSN      'Dataset Name' 32 LEFT
  SMF014_INPUT_or_RDBACK_Dataset.SMFEXCP(1)    'EXCPs|for|step' 6 RIGHT
  SMF014_INPUT_or_RDBACK_Dataset.JFCB.CRDT     'Created|Date'
  SMF014_INPUT_or_RDBACK_Dataset.JFCB.RECL     'LRECL'        6 RIGHT
  SMF014_INPUT_or_RDBACK_Dataset.BLKSZ        'BLKSIZE'      7 RIGHT
  SMF014_INPUT_or_RDBACK_Dataset.JFCB.VOLS    'VOLSER'       6 LEFT
  SMF014#2_SMS_Class.zMCN                     'SMS|Mgmt|Class'
  SMF014#2_SMS_Class.zSCN                     'SMS|Stor|Class'

SORT:
  SMF014_INPUT_or_RDBACK_Dataset.zJOBNAME (D)
  SMF014_INPUT_or_RDBACK_Dataset.zRST

BREAK:
  SMF014_INPUT_or_RDBACK_Dataset.zJOBNAME

TOTALS:
  SMF014_INPUT_or_RDBACK_Dataset.SMFEXCP(1) /* Total on EXCPs only */
  
```

Figure 34. Appendix A: REPORT Definition Example 1.

SMF Report Output:

Dataset Usage by Job Name /* Comment */										PAGE	
Job Name	Reader Timestamp	Step Name	Program Name	Dataset Name	EXCPs for step	Created Date	LRECL	BLKSIZE	VOLSER	SMS Mgmt Class	SMS Stor Class
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCOPYI.FLT	13	2011/09/21	259	32760	CBLM10	CBLDFLT	CBLDFLT
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCOPYI.FLT	13	2011/09/21	259	32760	CBLM10	CBLDFLT	CBLDFLT
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCOPYI.FLT	13	2011/09/21	259	32760	CBLM10	CBLDFLT	CBLDFLT
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCOPYI.FLT	16	2011/09/21	259	32760	CBLM10	CBLDFLT	CBLDFLT
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCTR.N.SAM1	7	2017/11/20	80	32720	CBLM10	CBLDFLT	CBLDFLT
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCOPYI.FLT	13	2011/09/21	259	32760	CBLM10	CBLDFLT	CBLDFLT
USER123	2018/12/12 10:35:49.39	APEDISPF	IKJEFT01	JGE.SELCOPYI.FLT	13	2011/09/21	259	32760	CBLM10	CBLDFLT	CBLDFLT
== Totals for USER123 (7 Items)					91						
SDEFRVO0	2019/06/05 15:18:35.02	ASM	ASMA90	CBL.CBLI350.ASM	45	2017/10/25	80	23440	CBLM05	CBLDFLT	CBLDFLT
SDEFRVO0	2019/06/05 15:18:35.02	ASM	ASMA90	CBL.CBLI350.MAC	320	2017/10/25	80	32720	CBLM05	CBLDFLT	CBLDFLT
SDEFRVO0	2019/06/05 15:18:35.02	ASM	ASMA90	CBL.ISPLLIB	9	2002/03/28	0	32760	CBLM04	CBLDFLT	CBLDFLT
SDEFRVO0	2019/06/05 15:18:35.02	BIND	IEWL	CBL.CBLI350.OBJ	22	2019/06/05	2640	3120	CBLM01	CBLDFLT	CBLDFLT
== Totals for SDEFRVO0 (4 Items)					180						
SDEFRT00	2019/06/05 15:15:23.78	ASM	ASMA90	CBL.CBLI350.ASM	14	2017/10/25	80	23440	CBLM05	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:23.78	ASM	ASMA90	CBL.CBLI350.MAC	7	2017/10/25	80	32720	CBLM05	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:23.78	ASM	ASMA90	CBL.ISPLLIB	13	2002/03/28	0	32760	CBLM04	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:23.78	BIND	IEWL	CBL.CBLI350.OBJ	20	2019/06/05	80	3120	CBLM01	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:51.35	ASM	ASMA90	CBL.CBLI350.ASM	33	2017/10/25	80	23440	CBLM05	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:51.35	ASM	ASMA90	CBL.CBLI350.MAC	313	2017/10/25	80	32720	CBLM05	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:51.35	ASM	ASMA90	CBL.ISPLLIB	9	2002/03/28	0	32760	CBLM04	CBLDFLT	CBLDFLT
SDEFRT00	2019/06/05 15:15:51.35	BIND	IEWL	CBL.CBLI350.OBJ	21	2019/06/05	80	3120	CBLM01	CBLDFLT	CBLDFLT
== Totals for SDEFRT00 (8 Items)					112						
==== Grand Totals (19 Items)					383						

Figure 35. Appendix A: REPORT Output Example 1.

SMF 42 - Usage and Performance Report for Selected DSNAME

Generate a report line for each dataset opened showing job information and EXCP count. Groups report lines by unique job name and insert a single blank line between jobs.

SELCOPIY SMF Report Definition Statements:

```

OPTIONS:
  NOTOTALS

TITLE:
  SMF 42 Subtype 6 DFSMS Dataset Closing Statistics

COLUMNS:
  SMF042#06_Job_Header.zJOBNAME           'Job Name'
  SMF042#06_Job_Header.zRST              'Reader Timestamp'
  SMF042#06_Job_Header.zWSC              'WLM Class'
  SMF042#06_Job_Header.zWLD              'WLM Workload'
  SMF042#06_Data_Set_Header.zDSN         'Dataset'          24
  SMF042#06_Data_Set_IO.zIOR             'I/O Rate'         12 RIGHT
  SMF042#06_Data_Set_IO.zION             '#I/Os'            5 RIGHT
  SMF042#06_Data_Set_Header.zVOL         'Volume'
  SMF042#06_Data_Set_Header.zSC         'StorClass'
  SMF042#06_Data_Set_Header.zBSZ        'BLKSIZE'          7 RIGHT

FILTER:
  SMF042#06_Job_Header.zCOD = 0
  and SMF042#06_Data_Set_Header.zDSN >> 'CBL'

REPEAT:
  SMF042#06_Job_Header
    
```

Figure 36. Appendix A: REPORT Definition Example 2.

SMF Report Output:

12019/02/27 17:00										SMF 42 Subtype 6 DFSMS Dataset Closing Statistics										PAGE 1	
Job Name	Reader	Timestamp	WLM Class	WLM Workload	Dataset	I/O Rate	#I/Os	Volume	StorClass	BLKSIZE											
SMFCLEAR	2019/01/09	09:56:33.95	STCLOM	STARTED																	
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.GDG.G2879V00	00:00.001152	155	CBLM15	CBLDFLT	27998											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SELCOPYI.FLT	00:00.000256	1	CBLM12	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI310.ADA.#	00:00.000128	447	CBLM07	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.ASM	00:00.000256	36	CBLM05	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI340.ASM	00:00.000128	81	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.MAC	00:00.000640	13	CBLM05	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CMX	00:00.000640	76	CBLM11	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.RTO.CMX	00:00.000384	29	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI340.ASM	00:00.000512	8	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SELCOPYI.FLT	00:00.000256	1	CBLM12	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.RTO.CMX	00:00.000768	28	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI.SDO	00:00.000256	3	CBLM03	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.RTO.CMX	00:00.000384	29	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI.SDO	00:00.000256	3	CBLM03	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.SMFMAP	00:00.000128	3	CBLM12	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.SDO	00:00.000768	19	CBLM14	CBLDFLT	0											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T211317.CBL.	00:00.000896	39	CBLM11		18432											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T260212.CBL.	00:00.000384	8	CBLM11		18432											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T363115.CBL.	00:00.014208	1	CBLM11		18432											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T373115.CBL.	00:00.008576	1	CBLM11		18432											
DFSM SHSM	2019/01/08	10:35:13.90	STCLOM	STARTED	CBLHSM.HMIG.T531617.CBL.	00:00.001152	1	CBLM11		18432											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T531617.CBL.	00:00.001024	1	CBLM11		18432											
DFSM SHSM	2019/01/08	10:35:13.90	STCLOM	STARTED	CBL.HSM.USER123.SELCOPYI	00:00.000896	1	CBLM14	CBLHSM	32760											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T285810.CBL.	00:00.000640	1	CBLM11		18432											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBLHSM.HMIG.T285810.CBL.	00:00.000640	1	CBLM11		18432											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.RTO.CMX	00:00.000512	28	CBLM08	CBLDFLT	0											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.SMF.RTO.CMX	00:00.000384	8	CBLM08	CBLDFLT	0											
DFSM SHSM	2019/01/08	10:35:13.90	STCLOM	STARTED	CBLHSM.HMIG.T285810.CBL.	00:00.000640	1	CBLM11		18432											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBLHSM.HMIG.T285810.CBL.	00:00.001152	1	CBLM11		18432											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.HSM.USER123.SELCOPYI	00:00.000768	1	CBLM14	CBLHSM	32760											
DFSM SHSM	2019/01/08	10:35:13.90	STCLOM	STARTED	CBL.SMF.RTO.CMX	00:00.000256	7	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBLHSM.HMIG.T570011.CBL.	00:00.000640	1	CBLM11		18432											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI.STDTEST.DATA.IQ	00:00.000128	5	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.RTO.CMX	00:00.000384	7	CBLM08	CBLDFLT	0											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.CBLI350.TLIB	00:00.000256	1	CBLM06	CBLDFLT	0											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.SELCOPY.NAM	00:00.001664	1	CBLM03	CBLDFLT	23477											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.DBI.SILOG.INDEX	00:00.000256	1	CBLM05	CBLDFLT	512											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.DBI.SILOG.DATA	00:00.000512	2	CBLM05	CBLDFLT	18432											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.DB.INI	00:00.000768	1	CBLM01	CBLDFLT	27998											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.DB	00:00.000256	5	CBLM03	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.INI	00:00.000640	1	CBLM02	CBLDFLT	27998											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.TLIB	00:00.000256	3	CBLM06	CBLDFLT	0											
JGE	2019/01/09	09:34:19.44	TSO01	TSOOTHER	CBL.CBLI.SITE.TLIB	00:00.000512	4	CBLM13	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SELCOPY.NAM	00:00.001536	1	CBLM03	CBLDFLT	23477											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CMX	00:00.000384	5	CBLM11	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.SMF.RTO.CMX	00:00.000384	31	CBLM08	CBLDFLT	0											
SMSPDSE		00:00:00.00	SYSTEM	SYSTEM	CBL.CBLI350.SMFMAP	00:00.000384	2	CBLM12	CBLDFLT	0											

Figure 37. Appendix A: REPORT Output Example 2.

SMF80 - RACF Event Log

Generate a report for RACF event activity in chronological order with focus on resource access.

SELCOPYi SMF Report Definition Statements:

```

OPTIONS:
  NOTOTALS

TITLE:
  RACF EVENT LOG - RESOURCES

COLUMNS:
  SMF080_Security_Product_Processing.zJOBNAME      'Job'
  SMF080_Security_Product_Processing.zTME         'Date & Time'
  SMF080_Security_Product_Processing.zEVENT_NAME  'Event Name'      20
  SMF080_Security_Product_Processing.zEVENT_QUAL  'Event Qualifier' 23
  SMF080_Security_Product_Processing.zUSR        'User'
  SMF080_Security_Product_Processing.zGRP        'Group'
  SMF080_Auth_Resource_Name.zRESOURCE           'Resource Name'   25
  SMF080_Auth_Access_Requested.zAUTHREQ        'Request'
  SMF080_Auth_Access_Allowed.zAUTHALLOW        'Allowed'
  SMF080_Class.zCLASS                           'Class'

SORT:
  SMF080_Security_Product_Processing.zTME
    
```

Figure 38. Appendix A: REPORT Definition Example 3.

SMF Report Output:

12019/03/20 09:38										RACF EVENT LOG - RESOURCES		PAGE	1
Job	Date & Time	Event Name	Event Qualifier	User	Group	Resource Name	Request	Allowed Class					
NBJ	2019/03/15 11:50:11.18	ADDUSER	No violations detected	NBJ	CBL								
NBJ	2019/03/19 14:04:01.07	DELUSER	No violations detected	NBJ	CBL								
NBJ	2019/03/19 14:09:55.81	ALTDSD	No violations detected	NBJ	CBL								
NBJ	2019/03/19 14:11:22.21	PERMIT	No violations detected	NBJ	CBL							DATASET	
NBJ	2019/03/19 14:11:38.49	SETROPTS	No violations detected	NBJ	CBL								
NBJ3	2019/03/19 14:14:04.60	RESOURCE ACCESS	Insufficient authority	NBJ3	CBL	NBJ.TEST01.RACF	READ	NONE				DATASET	
NBJ3	2019/03/19 14:15:42.04	RESOURCE ACCESS	Insufficient authority	NBJ3	CBL	NBJ.CBLI.MBRLIST.SEQ.BIG	UPDATE	READ				DATASET	
NBJ	2019/03/19 14:20:28.76	JOB INITIATION / TSO	Undefined user id	NBJX									
NBJ	2019/03/19 14:40:44.47	ALTDSD	No violations detected	NBJ	CBL								
NBJ	2019/03/19 14:40:48.29	SETROPTS	No violations detected	NBJ	CBL								
NBJ	2019/03/19 14:41:58.96	JOB INITIATION / TSO	Invalid password	NBJ2	CBL								
JGE	2019/03/19 16:02:25.36	RESOURCE ACCESS	Successful access	JGE	CBL	NBJ.TEST01.RACF	READ	ALTER				DATASET	
JGE	2019/03/19 16:02:33.23	RESOURCE ACCESS	Successful access	JGE	CBL	NBJ.TEST01.RACF	UPDATE	ALTER				DATASET	
JGE	2019/03/19 16:02:33.24	RESOURCE ACCESS	Successful access	JGE	CBL	NBJ.TEST01.RACF	UPDATE	ALTER				DATASET	
NBJ2	2019/03/19 16:05:09.64	RESOURCE ACCESS	Successful access	NBJ2	CBL	NBJ.TEST01.RACF	READ	READ				DATASET	
NBJ2	2019/03/19 16:05:09.65	RESOURCE ACCESS	Successful access	NBJ2	CBL	NBJ.TEST01.RACF	READ	READ				DATASET	
NBJ2	2019/03/19 16:05:40.38	RESOURCE ACCESS	Insufficient authority	NBJ2	CBL	NBJ.TEST01.RACF	UPDATE	READ				DATASET	
NBJ2	2019/03/19 16:09:24.00	RESOURCE ACCESS	Insufficient authority	NBJ2	CBL	NBJ.TEST01.RACF	UPDATE	READ				DATASET	
NBJ	2019/03/19 16:10:57.44	PERMIT	No violations detected	NBJ	CBL							DATASET	
NBJ2	2019/03/19 16:12:14.74	RESOURCE ACCESS	Successful access	NBJ2	CBL	NBJ.TEST01.RACF	UPDATE	ALTER				DATASET	
NBJ2	2019/03/19 16:21:50.29	RESOURCE ACCESS	Successful access	NBJ2	CBL	NBJ.TEST01.RACF	READ	ALTER				DATASET	
NBJ2	2019/03/19 16:21:50.30	RESOURCE ACCESS	Successful access	NBJ2	CBL	NBJ.TEST01.RACF	READ	ALTER				DATASET	
NBJ2	2019/03/19 16:21:58.81	RESOURCE ACCESS	Successful access	NBJ2	CBL	NBJ.TEST01.RACF	UPDATE	ALTER				DATASET	

Figure 39. Appendix A: REPORT Output Example 3.

Appendix B: SMF Record Layouts

This appendix describes the layout of each SMF record type and sub-type supported by the latest version of SELCOPYi SMF Utilities.

In general, the field names used by SELCOPYi are shortened versions of those defined in the IBM documentation. Where possible, the name assigned to each field by the distributed SELCOPYi SDO structure is an abbreviated version of the field named by IBM DSECT macros and referenced in IBM publications. This chapter provides tables of the SELCOPYi defined field names and the data types used to interpret the contents of each field.

Users of the SMF Report utility are required to identify data fields to be displayed. Specification of each SMF field must also identify the name of record/segment to which it belongs.

e.g. **SMF042#02_Volume_StatusL.zDEVdup**, where "SMF042#02_Volume_Status" is the record segment name and *zDEVdup* is the name of the elementary field.

However, on occasion the record/segment involved may contain more than one elementary field of the same name. This can only be the case when at least one of the elementary fields is a member of a sub-structure.

e.g. Elementary field **zContTimeTOD** occurs twice in SMF Type 98 segment **SMF098#01_LockLocalCML**.

It is in sub-structure **zDet_AssocStat** and in sub-structure **zDet_All**. Therefore to unambiguously refer to each name the user must refer to them as **SMF098#01_LockLocalCML.zDet_AssocStat.zContTimeTOD** and **SMF098#01_LockLocalCML.zDet_All.zContTimeTOD** respectively.

To help determine a field's fully qualified name, each of the tables contain sub-headers. Each sub-header is the prefix that may be applied to the field names that immediately follow it in order to make them fully qualified. e.g.

SMF098#01_LockLocalCML.zDet_AssocStat<filename>, where "SMF098#01_LockLocalCML" is the record segment name, "zDet_AssocStat" is the name of the sub-structure to which the field belongs and *<filename>* is the name of the field.

The **Len** column contains the internal length of the field. If the length is variable, the minimum and maximum values are displayed. If the field has a precision (p) and scale (s) then it is displayed below the length as (p,s). e.g. For FIXED or DEC data types.

Record Type 0 - IPL

SMF Record 0 (IPL) is mapped by structure member "T000".

Primary Segment:

- **SMF000_IPL**

Secondary Segment(s): 0

Primary segment: **SMF000_IPL**

Field Name	Type	Len	Description
<i>SMF000_IPL.<fieldname></i>			
SMF000_IPL.Header_self_defining_section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF0FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF0RTY) Record type 0 (X'00')
zTME	TSTMP	8	(IBM name: SMF0TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF0SID) System identification (from the SID parameter).
zJWT	INT	4	(IBM name: SMF0JWT) Limit, in minutes, of continuous wait for the job (taken from JWT parameter). Continuous wait time is defined as time spent waiting while the application program is in control. For example, for data sets allocated dynamically (while the application program is running, for example) either or both of the following count toward a job's continuous wait time: v The time required to recall a data set from HSM Migration Levels 1 OR 2 V THE time required to mount a tape If a data set was allocated statically (for a DD statement, for example) these activities will not be counted towards the job's continuous wait time.
zBUF	INT	4	(IBM name: SMF0BUF) This field contains meaningless information.
zVST	INT	4	(IBM name: SMF0VST) Number of 1K bytes in virtual storage.

SMF000_IPL.Header_self_defining_section.zOPT.<fieldname>			
zDatasetAcc	BIT	1	Data set accounting. Record types selected. This bit is on when one of the following record types is selected: 14, 15, 17, 18, 62, 63, 64, 67 or 68.
zVolumeAcc	BIT	1	Volume accounting. Record types 10 OR 69 selected.
zTyp17	BIT	1	Type 17 records will be written for temporary data sets (REC(ALL)).

SMF000_IPL.Header_self_defining_section.<fieldname>			
zRST	INT	4	(IBM name: SMF0RST) Number of 1K bytes in central storage.
zRSV	CHAR	1	(IBM name: SMF0RSV) Reserved.
zOSL	CHAR	8	(IBM name: SMF0OSL) MVS product name.
zSYN	CHAR	8	(IBM name: SMF0SYN) System name (from the SYSNAME parameter in the IEASYSxx parmlib member).
zSYP	CHAR	8	(IBM name: SMF0SYP) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).

zTZ	INT	4	(IBM name: SMF0TZ) Difference in time between local time and Greenwich mean time in binary units of 1.048576 seconds. The value of SMF0TZ is copied from the CVTTZ field. For more information about the CVTTZ field, see the CVT mapping macro in z/OS MVS Data Areas in the z/OS Internet library (www.ibm.com/systems/z/os/zos/library/bkserv).
zMSWT	INT	4	(IBM name: SMF0MSWT) Started task wait time limit (SMFPRMxx SWT(hhmm) value) converted to minutes.
zMTWT	INT	4	(IBM name: SMF0MTWT) TSO wait time limit (SMFPRMxx TWT(hhmm) value) converted to minutes.

Record Type 2 - Dump Header

SMF Record 2 (Dump Header) is mapped by structure member "T002".

Primary Segment:

- [SMF002_SMF_Dump_header](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF002_01_ARECSIGN](#)
- [SMF002_01_Self_Def](#)
- [SMF002_01_Sig_Group](#)
- [SMF002_02_ARECSIGN](#)
- [SMF002_02_Self_Def](#)
- [SMF002_02_Sig_Interval](#)

Primary segment: [SMF002_SMF_Dump_header](#)

Field Name	Type	Len	Description
<i>SMF002_SMF_Dump_header.<fieldname></i>			
<i>SMF002_SMF_Dump_header.Header_self_defining_section.<fieldname></i>			
<i>SMF002_SMF_Dump_header.Header_self_defining_section.zFLG.<fieldname></i>			
zSubTypes	BIT	1	SMF2FLG bit 1 - Indicating this record has Subtypes
<i>SMF002_SMF_Dump_header.Header_self_defining_section.<fieldname></i>			
zRTY	INT	1	(IBM name: SMF2RTY) Record type 2 (X'02').
zTME	TSTMP	8	(IBM name: SMF2TME) Date/Time when the record was moved into the dump data set.
zSID	CHAR	4	(IBM name: SMF2SID) System identification (from the SID parameter).

Secondary segment: [SMF002_01_Sig_Group](#)

Field Name	Type	Len	Description
<i>SMF002_01_Sig_Group.<fieldname></i>			
<i>SMF002_01_Sig_Group.zFLG.<fieldname></i>			
zFirst	BIT	1	First group written.
zValid	BIT	1	Group's subtype is valid.
zOA55526	BIT	1	This record was generated on a system where the fix for APAR OA55526 was applied
zSelfDef	BIT	1	This record contains a self-defining section
<i>SMF002_01_Sig_Group.<fieldname></i>			
zGRTYPE	INT	1	(IBM name: SMF2GRTYPE) The record type for this group.
zGSTYPE	INT	2	(IBM name: SMF2GSTYPE) The record SubType for this group.
zGFTME	TSTMP	8	(IBM name: SMF2GFTME) Date/Time of the first record in the group.
zGCNT	INT	4	(IBM name: SMF2GCNT) The number of records in this signature group.

zGHASHMETHe	BINT (ENUM)	4	(IBM name: SMF2GHASHMETH) The hash method used for this group.
-------------	----------------	---	---

SMF002_01_Sig_Group.zFLG.zGHASHMETH.<fieldname>			
zSHA1	BIT	1	SHA1
zSHA256	BIT	1	SHA256
zSHA384	BIT	1	SHA384
zSHA512	BIT	1	SHA512
zGSIGTYPEe	BINT (ENUM)	2	(IBM name: SMF2GHASHMETH) The signature type used for this group.

SMF002_01_Sig_Group.zFLG.zGSIGTYPE.<fieldname>			
zRSA	BIT	1	RSA
zECDSA	BIT	1	ECDSA

SMF002_01_Sig_Group.zFLG.<fieldname>			
zGTOKENNAME	CHAR	32	(IBM name: SMF2GTOKENNAME) The saved CKA_ID of the PKCS#11 token name used to generate this signature.
zGSIGLEN	INT	4	(IBM name: SMF2GSIGLEN) The digital signature length for this signature group
zGSIG	XVCHAR	0 512	(IBM name: SMF2GSIG) The digital signature for this signature group. It is the result of the hash and sign operation (using the hash method and signature type specified in this record) on the concatenation of the following: 1. Running hashsum of all this group's records (hash each entire record padded out to a 128-byte boundary with zeros) 2. Running hashsum of all the previous group's records (hash each entire record padded out to a 128-byte boundary with zeros)

Secondary segment: SMF002_01_Self_Def

Field Name	Type	Len	Description
SMF002_01_Self_Def.<fieldname>			
zLEN	INT	2	(IBM name: SMF2GSDSLEN) Length of the self-defining section.
zASignOffset	INT	4	(IBM name: SMF2GSDSASignOffset) Offset to start of ARECSIGN section, including the record descriptor word (RDW).
zASignLen	INT	2	(IBM name: SMF2GSDSASignLen) Length of ARECSIGN section
zASignNum	INT	2	(IBM name: SMF2GSDSASignNum) Number of ARECSIGN sections

Secondary segment: SMF002_01_ARECSIGN

Field Name	Type	Len	Description
SMF002_01_ARECSIGN.<fieldname>			
SMF002_01_ARECSIGN.zHashMeth.<fieldname>			
zSHA512	BIT	1	SHA512

SMF002_01_ARECSIGN.zSigType.<fieldname>			
zLI2	BIT	1	LI2
SMF002_01_ARECSIGN.<fieldname>			
zTokenName	CHAR	32	(IBM name: SMF2GASignTokenName) The saved CKA ID of the PKCS#11 token name used to generate this signature.
zSigLen	INT	4	(IBM name: SMF2GASignSigLen) The length of the alternate digital signature for this signature group.
zSig	XVCHAR	0 1024	(IBM name: SMF2GASignSig) The digital signature for this signature group. The length of this field is in SMF2GASignSigLen.

Secondary segment: **SMF002_02_Sig_Interval**

Field Name	Type	Len	Description
SMF002_02_Sig_Interval.<fieldname>			
SMF002_02_Sig_Interval.zFLG.<fieldname>			
zFirst	BIT	1	First interval written.
zValid	BIT	1	Interval's subtype is valid.
zHalt	BIT	1	This interval is the result of a HALT.
zNewCrypt	BIT	1	This interval contains new cryptography options.
zOA55526	BIT	1	This record was generated on a system where the fix for APAR OA55526 was applied
zSelfDef	BIT	1	This record contains a self-defining section

SMF002_02_Sig_Interval.<fieldname>			
zIRTYPE	INT	1	(IBM name: SMF2IRTYPE) The record type for this interval.
zISTYPE	INT	2	(IBM name: SMF2ISTYPE) The record SubType for this interval.
zIFTME	TSTMP	8	(IBM name: SMF2IFTME) Date/Time of the first record in the interval.
zILTME	TSTMP	8	(IBM name: SMF2ILTME) Date/Time of the last record in the interval.
zINTME	TSTMP	8	(IBM name: SMF2INTME) Date/Time of the next interval.
zICNT	INT	4	(IBM name: SMF2ICNT) The number of records in this signature interval.
zHASHMETHe	BINT (ENUM)	4	(IBM name: SMF2IHASHMETH) The hash method used for this signature.

SMF002_02_Sig_Interval.zFLG.zHASHMETH.<fieldname>			
zSHA1	BIT	1	SHA1
zSHA256	BIT	1	SHA256
zSHA384	BIT	1	SHA384
zSHA512	BIT	1	SHA512
zISIGTYPEe	BINT (ENUM)	2	(IBM name: SMF2IHASHMETH) The signature type used for this signature.

SMF002_02_Sig_Interval.zFLG.zISIGTYPE.<fieldname>			
--	--	--	--

zRSA	BIT	1	RSA
zECDSA	BIT	1	ECDSA
SMF002_02_Sig_Interval.zFLG.<fieldname>			
zITOKENNAME	CHAR	32	(IBM name: SMF2ITOKENNAME) The saved CKA_ID of the PKCS#11 token name used to generate this signature.
zISIGLEN	INT	4	(IBM name: SMF2ISIGLEN) The digital signature length for this signature interval.
zISIG	XVCHAR	0 512	(IBM name: SMF2ISIG) The digital signature for this signature interval. It is the result of the hash and sign operation (using the hash method and signature type specified in this record) on the concatenation of the following: 1. Running hashsum of all this group's records (hash each entire record padded out to a 128-byte boundary with zeros) 2. Hash of the previous interval record's data, excluding the signature and signature length fields 3. Hash of this interval record's data, excluding the signature and signature length fields

Secondary segment: **SMF002_02_Self_Def**

Field Name	Type	Len	Description
SMF002_02_Self_Def.<fieldname>			
zLEN	INT	2	(IBM name: SMF2ISDSLEN) Length of the self-defining section.
zASignOffset	INT	4	(IBM name: SMF2ISDSASignOffset) Offset to start of ARECSIGN section, including the record descriptor word (RDW).
zASignLen	INT	2	(IBM name: SMF2ISDSASignLen) Length of ARECSIGN section.
zASignNum	INT	2	(IBM name: SMF2ISDSASignNum) Number of ARECSIGN sections.

Secondary segment: **SMF002_02_ARECSIGN**

Field Name	Type	Len	Description
SMF002_02_ARECSIGN.<fieldname>			
SMF002_02_ARECSIGN.zHashMeth.<fieldname>			
zSHA512	BIT	1	SHA512
SMF002_02_ARECSIGN.zSigType.<fieldname>			
zLI2	BIT	1	L12
SMF002_02_ARECSIGN.<fieldname>			
zTokenName	CHAR	32	(IBM name: SMF2IASignTokenName) The saved CKA ID of the PKCS#11 token name used to generate this signature.
SMF002_02_ARECSIGN.zFlgs.<fieldname>			
zNewCrypt	BIT	1	This interval contains new cryptography options.
SMF002_02_ARECSIGN.<fieldname>			
zSigLen	INT	4	

			(IBM name: SMF2IASignSigLen) The length of the alternate digital signature for this signature group.
zSig	XVCHAR	0 1024	(IBM name: SMF2IASignSig) The digital signature for this signature group. The length of this field is in SMF2IASignSigLen.

Record Type 3 - Dump Trailer

SMF Record 3 (Dump Trailer) is mapped by structure member "T003".

Primary Segment:

- [SMF003_SMF_Dump_Trailer](#)

Secondary Segment(s): 0

Primary segment: [SMF003_SMF_Dump_Trailer](#)

Field Name	Type	Len	Description
<i>SMF003_SMF_Dump_Trailer.<fieldname></i>			
<i>SMF003_SMF_Dump_Trailer.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF3FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF3RTY) Record type 3 (X'03').
zTME	TSTMP	8	(IBM name: SMF3TME) Date/Time when the record was moved into the dump data set.
zSID	CHAR	4	(IBM name: SMF3SID) System identification (from the SID parameter).

Record Type 4 - Step Termination

SMF Record 4 (Step Termination) is mapped by structure member "T004".

Primary Segment:

- SMF004_Step_Termination

Secondary Segment(s): 1

- SMF004_Relocate

Primary segment: SMF004_Step_Termination

Field Name	Type	Len	Description
<i>SMF004_Step_Termination.<fieldname></i>			
SMF004_Step_Termination.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF4FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators (see 'Standard and Extended SMF record headers' on page 174 FOR details.) 7 RESERVED.
zRTY	INT	1	(IBM name: SMF4RTY) Record type 4 (X'04').
zTME	TSTMP	8	(IBM name: SMF4TME) Date/Time that the record is passed to the SMF writer. This is the time when the step terminated.
zSID	CHAR	4	(IBM name: SMF4SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF4JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APCC output).
zRST	TSTMP	8	(IBM name: SMF4RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF4UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zSTN	INT	1	(IBM name: SMF4STN) Step number (first step=1, and so on).
zSIT	TSTMP	8	(IBM name: SMF4SIT) Date/Time that the initiator selected this step.
zNCI	INT	4	(IBM name: SMF4NCI) Number of card-image records in DD DATA and DD* data sets read by the reader for the step.
zSCC	INT	2	(IBM name: SMF4SCC) Step completion code: X'0ccc' indicates system ABEND in the job step where ccc is the system ABEND code. (See z/OS MVS System Codes.) X'8ccc' indicates user ABEND in the job step where ccc is the user ABEND code. X'nnnn' indicates normal completion where nnnn is the contents of the two low-order bytes in register 15 AT termination. X'0000' indicates either 1. The job step was flushed (not processed) because of an error during allocation or in a preceding job step, or 2. normal job completion with a return code of zero. Use this field in conjunction with the step termination indicator field (offset 87).
zPRTY	INT	1	(IBM name: SMF4PRTY) Address space dispatching priority (taken from DPRTY= parameter on EXEC card or the default APG value). For more information see z/OS MVS Initialization and Tuning Guide.
zPGMN	CHAR	8	(IBM name: SMF4PGMN) Program name (taken from PGM= parameter on EXEC card). If a backward reference was used, then this field contains *.DD.
zSTMN	CHAR	8	

			(IBM name: SMF4STMN) Step name (taken from name on EXEC card).
zRSV5	INT	2	(IBM name: SMF4RSV5) Reserved. SMF4RSH0, formerly a two-byte field at this offset, has been increased to four bytes and moved to offset 82.
zSYST	INT	2	(IBM name: SMF4SYST) Largest amount of storage used from top of private area, in 1K units. This storage area includes the LSQA and SWA (subpools 229, 230, 236, 237, 249, and 253-255). If ADDRSPC=REAL is specified, this field equals the amount of storage used that was not from the contiguous central storage reserved for the program. See offsets 82 AND 102. If storage was not allocated (job step was flushed), these fields equal zero.
zHOST	INT	2	(IBM name: SMF4HOST) Largest amount of storage from bottom of private area, in 1K units. This storage area includes subpools 0-127, 129-132, 244, 251 AND 252. If ADDRSPC=REAL is specified, this field equals the amount of contiguous central storage that was used. See offsets 82 AND 102.
zRV1	CHAR	2	(IBM name: SMF4RV1) Reserved.
zRSH0	INT	4	(IBM name: SMF4RSH0) Region size established, in 1K units taken from the REGION= parameter in the JCL, and rounded up to a 4K boundary. If ADDRSPC=REAL is specified, this field equals the amount of contiguous central storage reserved for the program. If the region requested was greater than 16 MEGABYTES, the region established resides above 16 MEGABYTES, and this field will contain a minimum value of 32 MEGABYTES.
zSPK	INT	1	(IBM name: SMF4SPK) Storage protect key, in the form xxxx0000 (where xxxx is the key).
zSTI	INT	1	(IBM name: SMF4STI) Step termination indicator Bit Meaning when set 0 RESERVED 1 CANCELED by exit IEFUJV 2 CANCELED by exit IEFUJI 3 CANCELED by exit IEFUSI 4 CANCELED by exit IEFACRT 5 STEP is to be restarted 6 IF 0, normal completion. If 1, ABEND. If step completion code (offset 55) equals 0322 OR 0522, IEFUTL allowed the abend to occur. If step completion code equals 0722, IEFUSO allowed the abend to occur. 7 IF 0, normal completion. If 1, step was flushed.
zRV2	CHAR	2	(IBM name: SMF4RV2) Reserved.
zAST	TIME	4	(IBM name: SMF4AST) Device allocation start time.
zPPST	TIME	4	(IBM name: SMF4PPST) Problem program start time.
zRV3	INT	1	(IBM name: SMF4RV3) Reserved.
zSRBT	INT	3	(IBM name: SMF4SRBT) Step CPU time under SRBs, in hundredths of a second. This field includes the CPU time for various supervisory routines that are dispatched from SRBs: locking routines, page resolution, swap control, cross-memory communications (WAIT, POST, I/O POST), and TQE scheduling.
zRIN	INT	2	(IBM name: SMF4RIN) Record indicator Bit Meaning when set 0-3 Reserved 4 FIELD SMF4SETM is not valid. An overflow condition occurs when the length of the value for the step CPU time under TCBs is greater than 3 BYTES. In this case, the step CPU time under TCBs is not recorded in the type 4 RECORD (SMF4SETM). The value is available in the type 30 RECORD (SMF30CPT). If your installation uses an accounting program that does not use the type 30 RECORD to gather step CPU time, you must update that program. Only the type 30 RECORD should be considered valid. 5 DEVICE data not recorded. When the TIOT size is greater than 32K (more than 1635 DD statements), device data is not collected for the type 4 RECORD. The data is available in the type 30 RECORD. 6 EXCP count might be wrong. For more information on EXCP count, see Chapter 10, 'EXCP count,' on page 137. 7 IF 0, storage is virtual. If 1, storage is central (real). 8-15 Reserved.
zRLCT	INT	2	(IBM name: SMF4RLCT) Offset from the beginning of the record (SMF4FLG) header to the relocate section. The displacement depends upon the size of the accounting fields

			and the number of devices.
zLENN	INT	2	(IBM name: SMF4LENN) Length of device entry portion of record. Equals: (8 times the number of devices) +

SMF004_Step_Termination.Device_Data.<fieldname>

zDEVC	INT	1	(IBM name: SMF4DEVC) Device class.
zUTYP	INT	1	(IBM name: SMF4UTYP) Unit type.
zCUAD	INT	2	(IBM name: SMF4CUAD) Device number.
zEXCP	INT	4	(IBM name: SMF4EXCP) EXCP count (see offset 102).

SMF004_Step_Termination.Accounting.<fieldname>

zLNTH	INT	1	(IBM name: SMF4LNTH) Length of accounting section, excluding this field.
zSETM	TIME	4	(IBM name: SMF4SETM) Step CPU time under TCBs. This field includes the CPU time for all tasks that are dispatched from TCBs below the level of RCT. CPU time is not expected to be constant between different runs of the same job step. For more information on CPU time, see Chapter 11, 'CPU time,' on page 139.
zNAF	INT	1	(IBM name: SMF4NAF) Number of accounting fields.
zACTF	VCHAR	1 257	(IBM name: SMF4ACTF) Accounting fields. Each entry for an accounting field contains the length of the field (one byte, binary) followed by the field (EBCDIC). A zero indicates an omitted field.

Secondary segment: SMF004_Relocate

Field Name	Type	Len	Description
<i>SMF004_Relocate.<fieldname></i>			
zPGIN	INT	4	(IBM name: SMF4PGIN) Number of non-VIO, non-swap page-ins for this step. This field includes page-ins that are required through page faults, specific page requests, and page fixes. It does not include page reclaims, page-ins for VIO data sets, pages that are swapped in, and page-ins for the common area.
zPGOT	INT	4	(IBM name: SMF4PGOT) Number of non-VIO, non-swap page-ins for this step. This field includes page-outs required through page requests, including those pages stolen by the paging supervisor through infrequent use. It does not include page-outs for VIO data sets, pages that are swapped out, and page-outs for the common area.
zNSW	INT	4	(IBM name: SMF4NSW) Number of address space swap sequences. (A swap sequence consists of an address space swap-out and swap-in.)
zPSI	INT	4	(IBM name: SMF4PSI) Number of pages swapped in. This field includes: LSQA, fixed pages, and those pages that the real storage manager determined to be active when the address space was swapped in. It does not include page reclaims nor pages found in storage during the swap-in process (such as pages brought in from SRBs started after completion of swap-in Stage 1 PROCESSING).
zPSO	INT	4	(IBM name: SMF4PSO) Number of pages swapped out. This field includes: LSQA, private area fixed pages, and private area non-fixed changed pages.
zVPI	INT	4	(IBM name: SMF4VPI) Number of VIO page-ins for this step. This field includes page-ins resulting

			from page faults or specific page requests on a VIO window. It does not include VIO swap-ins or page-ins for the common area.
zVPO	INT	4	(IBM name: SMF4VPO) Number of VIO page-outs for this step. This field includes page-outs resulting from specific page requests on a VIO window, and also those pages stolen by the paging supervisor through infrequent use. It does not include VIO swap-outs or page-outs for the common area.
zSST	INT	4	(IBM name: SMF4SST) Step service, in service units. This field equals: total job service minus the accumulated job service before this step's initialization.
zACT	TIME	4	(IBM name: SMF4ACT) Step transaction active time, in 1024-microsecond units equal: total job transaction active time minus the accumulated transaction active time before this step's initialization.
zPGNO	INT	2	(IBM name: SMF4PGNO) Step performance group number (taken from PERFORM= parameter on JOB or EXEC card or the RESET operator command).
zTRAN	TIME	4	(IBM name: SMF4TRAN) Step transaction residency time in 1024-microsecond units. That is the time the transaction was in central storage.
zCPM	INT	4	(IBM name: SMF4CPM) Number of attempts to read data from an ESO hiperspace that were not satisfied because the data has been deleted.
zRCLM	INT	4	(IBM name: SMF4RCLM) Number of VIO reclaims for this step.
zCPGN	INT	4	(IBM name: SMF4CPGN) Number of common area page-ins for this step (LPA+CSA).
zHSPI	INT	4	(IBM name: SMF4HSPI) Number of hiperspace page-ins from auxiliary to processor storage.
zPGST	INT	4	(IBM name: SMF4PGST) Number of pages stolen from the storage for this step.
zPSEC	INT	8	(IBM name: SMF4PSEC) Number of page seconds for this step, in page millisecond units. Equals: the number of pages used by this step times the processing time it held that number of pages.
zLPAI	INT	4	(IBM name: SMF4LPAI) Number of link pack area page-ins for the step.
zHSPO	INT	4	(IBM name: SMF4HSPO) Number of hiperspace page-outs from processor to auxiliary storage.
zCPUS	INT	4	(IBM name: SMF4CPUS) Step CPU service, in service units.
zIOCS	INT	4	(IBM name: SMF4IOCS) Step I/O service, in service units.
zMSOS	INT	4	(IBM name: SMF4MSOS) Step main storage service, in service units.
zSRBS	INT	4	(IBM name: SMF4SRBS) Step SRB service, in service units.
zRSV1	HEX	8	(IBM name: SMF4RSV1) Reserved.

Record Type 5 - Job Termination

SMF Record 5 (Job Termination) is mapped by structure member "T005".

Primary Segment:

- **SMF005_Job_Termination**

Secondary Segment(s): 0

Primary segment: **SMF005_Job_Termination**

Field Name	Type	Len	Description
<i>SMF005_Job_Termination.<fieldname></i>			
SMF005_Job_Termination.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF5FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF5RTY) Record type 5 (X'05').
zTME	TSTMP	8	(IBM name: SMF5TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF5SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF5JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF5RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF5UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zNST	INT	1	(IBM name: SMF5NST) Number of steps in the job.
zJIT	TSTMP	8	(IBM name: SMF5JIT) Date/Time that the initiator selected the job.
zNCI	INT	4	(IBM name: SMF5NCI) Number of card-image records in DD DATA and DD* data sets read by the reader for the job.
zJCC	INT	2	(IBM name: SMF5JCC) Job completion code: X'0ccc' indicates system ABEND in the last job step where ccc is the system ABEND code (see z/OS MVS System Codes). X'8ccc' indicates user ABEND in the last job step where ccc is the user ABEND code. X'nnnn' indicates normal completion where nnnn is the contents of the two low-order bytes in register 15 AT termination. X'0000' indicates either: (see note) 1. The last job step was flushed (not processed) because of an error during allocation or in a preceding job step, or 2. normal job completion with a return code of 0. Note: When a step in a multi-step job terminates abnormally, the subsequent steps, whether executed or flushed, do not propagate the step abend code for processing this record. The code appears in the job termination record (type 4). In this case, the field -SMF5JCC, can contain X'nnnn'. If an abend occurred in the job, the job termination indicator (bit 6 IN the SMF5JBTI field) is set to 1. Use this field in conjunction with the job termination indicator field, SMF5JBTI.
zJPTY	INT	1	(IBM name: SMF5JPTY) Job selection priority. This field normally equals the user-assigned priority of zero to 13, but if the job fails while being scheduled, this field equals 14 (TAKEN from the PRTY parameter on the JOB card). If no value is specified for the PRTY parameter on the JOB card, this field contains: v

			For JES3, the default priority specified on the JES3 STANDARDS initialization card v For JES2, a zero. Note that JES2 does not use the priority value reported in this field.
zRSTT	TSTMP	8	(IBM name: SMF5RSTT) Date/Time that the reader recognized the end of the job.

SMF005_Job_Termination.Header_Self_Defining_Section.zJBTI.<fieldname>			
zIEFUJV	BIT	1	CANCELED by exit IEFUJV.
zIEFUJI	BIT	1	CANCELED by exit IEFUJI.
zIEFUSI	BIT	1	CANCELED by exit IEFUSI.
zIEFACTRT	BIT	1	CANCELED by exit IEFACTRT (step exit only).
zABEND	BIT	1	IF 0, normal completion (if 1, then ABEND).

SMF005_Job_Termination.Header_Self_Defining_Section.<fieldname>			
zTRAN	TIME	4	(IBM name: SMF5TRAN) Job transaction residency time, in 1024-microsecond units. That is the total amount of time the transaction was in central storage.
zRDCL	INT	1	(IBM name: SMF5RDCL) Reader device class. (This field is not filled in for jobs submitted by way of an internal reader.)
zRUTY	INT	1	(IBM name: SMF5RUTY) Reader unit type. (This field is not filled in for jobs submitted by way of an internal reader.)
zJICL	CHAR	1	(IBM name: SMF5JICL) Job input class (taken from JOB card. default equals 'A').
zSPK	BIT	8	Storage protect key, in the form xxxx0000 where xxxx is the key.
zSRBT	INT	3	(IBM name: SMF5SRBT) Job CPU time under SRBs, in hundredths of a second. This field includes the CPU time for various supervisory routines that are dispatched from SRBs: locking routines, page resolution, swap control, cross-memory communications (WAIT, POST, I/O POST), and TQE scheduling.
zTJS	INT	4	(IBM name: SMF5TJS) Job service, in service units.
zTTAT	TIME	4	(IBM name: SMF5TTAT) Job transaction active time, in 1024-microsecond units.
zTLEN	INT	1	(IBM name: SMF5TLEN) Length of rest of the fixed portion of the record.
zPRGN	CHAR	20	(IBM name: SMF5PRGN) Programmer's name.
zACTF	INT	1	(IBM name: SMF5ACTF) Number of accounting fields.

SMF005_Job_Termination.Header_Self_Defining_Section.zJSAF.<fieldname>			
zACTL	INT	1	(IBM name: N/A) Accounting field length.
zACTN	XVCHAR	0 143	(IBM name: N/A) Accounting information.

SMF005_Job_Termination.Relocate_Section.<fieldname>			
zCPUS	INT	4	(IBM name: SMF5CPUS) Job CPU service, in service units.
zIOCS	INT	4	(IBM name: SMF5IOCS) Job I/O service in service units.
zMSOS	INT	4	(IBM name: SMF5MSOS) Job main storage service, in service units.
zSRBS	INT	4	(IBM name: SMF5SRBS) Job SRB service, in service units.

zRSV1	CHAR	8	(IBM name: SMF5RSV1) Reserved.
-------	------	---	-----------------------------------

Record Type 6 - External Writer

SMF Record 6 (External Writer) is mapped by structure member "T006".

Primary Segment:

- [SMF006_External_Writer](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF006_External_Writer_Common](#)
- [SMF006_External_Writer_Enhanced_SYSOUT](#)
- [SMF006_External_Writer_IO_Data](#)

Primary segment: [SMF006_External_Writer](#)

Field Name	Type	Len	Description
<i>SMF006_External_Writer.<fieldname></i>			
zFLG	INT	1	(IBM Name: SMF6FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR details.). 7 RESERVED.
zRTY	INT	1	(IBM Name: SMF6RTY) Record type 6 (X'06').
zTME	TSTMP	8	(IBM Name: SMF6TME) Date and time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF6SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM Name: SMF6JBN) Job name (taken from job's RESQ). The job name, time, and date that the reader recognized the JOB card (for this job) log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM Name: SMF6RST) Date and time that the reader recognized the JOB card (for this job).
zUIF	CHAR	8	(IBM Name: SMF6UIF) User identification (taken from common exit parameter area not from USER= parameter on job statement).
zOWC	CHAR	1	(IBM Name: SMF6OWC) SYSOUT class (this field is blank for non-SYSOUT data sets).
zWST	TSTMP	8	(IBM Name: SMF6WST) Start date and time of print/punch processor including remote device working on the data in this record.
zNLR	INT	4	(IBM Name: SMF6NLR) Number of logical records written by the writer, by form number and class (this field includes JOBLOG information and data set copies). For an example, a data set of 1000 lines with two copies will show 2000 in this field.
zIOE	INT	1	(IBM Name: SMF6IOE) Zero or X'04' if the system detects an error while processing the input data set.
zNDS	INT	1	(IBM Name: SMF6NDS) Number of data sets processed by the writer and included in this record. If multiple copies are produced, each copy is counted (This field includes JOBLOG information.)
zFMN	CHAR	4	(IBM Name: SMF6FMN) Form number as defined in the FORM= parameter of the DD statement.

SMF006_External_Writer.zPAD1.<fieldname>

zCommon	BIT	1	Common section present.
zEnhanced	BIT	1	Enhanced SYSOUT support section present.

SMF006_External_Writer.<fieldname>			
zSBS	INT	2	(IBM Name: SMF6SBS) Subsystem identification - X'0000' indicates external writer.

Secondary segment: SMF006_External_Writer_Enhanced_SYSOUT

Field Name	Type	Len	Description
SMF006_External_Writer_Enhanced_SYSOUT.<fieldname>			
zLN5	INT	2	(IBM Name: SMF6LN5) Length of ESS section (including this field).
zSGID	INT	4	(IBM Name: SMF6SGID) Segment identifier. Contains 0 when the file is not segmented.

SMF006_External_Writer_Enhanced_SYSOUT.zIND.<fieldname>			
zError	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present.

SMF006_External_Writer_Enhanced_SYSOUT.<fieldname>			
zRSV	CHAR	1	(IBM Name: SMF6RSV) Reserved.
zJDVT	CHAR	8	(IBM Name: SMF6JDVT) JCL definition table (JDT) name in JCL definition vector table (JDTV).
zTUL	INT	2	(IBM Name: SMF6TUL) Text unit (SWBTU) data area length.
zTU	XVCHAR	0 1024	(IBM Name: SMF6TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro and is mapped by MVS macro IEFSJPFX.

Secondary segment: SMF006_External_Writer_IO_Data

Field Name	Type	Len	Description
SMF006_External_Writer_IO_Data.<fieldname>			
zLN1	INT	2	(IBM Name: SMF6LN1) Length of this section, including this field.
zDCI	INT	1	(IBM Name: SMF6DCI) X'0000' indicates external writer.
zINDC	INT	1	(IBM Name: SMF6INDC) Record level indicator. 1 => MVS/XA SP2.2.0 and before - restructured SMF type 6 record. 3 => MVS/ESA SP3.1.0 - greater than 10K job support.
zJNM	CHAR	4	(IBM Name: SMF6JNM) When SMF6INDC contains an X'1', this field contains a four-digit EBCDIC job number. When SMF6INDC contains an X'3' or greater, the job number has more than four digits, and this field contains zeros. The correct job number is then found in SMF6JBID.
zOUT	CHAR	8	(IBM Name: SMF6OUT) X'0000' external writer.
zFCB	CHAR	4	(IBM Name: SMF6FCB) FCB image identification (printer only).
zUCS	CHAR	4	(IBM Name: SMF6UCS) UCS image identification (printer only).

Secondary segment: SMF006_External_Writer_Common

Field Name	Type	Len	Description
<i>SMF006_External_Writer_Common.<fieldname></i>			
zLN3	INT	2	(IBM Name: SMF6LN3) Length of the common section, including this field.
zROUT	INT	4	(IBM Name: SMF6ROUT) Output route code (this field is always set to zero). The route code is specified on the /*OUTPUT or DD statement.
zEFMN	CHAR	8	(IBM Name: SMF6EFMN) Output form number. This field is set regardless of the number of characters in the forms field (SMF6FMN). The form number is specified on the FORM= parameter of the DD statement.
zJBID	CHAR	8	(IBM Name: SMF6JBID) Job ID, or transaction ID (for APPC output).
zSTNM	CHAR	8	(IBM Name: SMF6STNM) This field is not filled in for an output writer.
zPRNM	CHAR	8	(IBM Name: SMF6PRNM) This field is not filled in for an output writer.
zDDNM	CHAR	8	(IBM Name: SMF6DDNM) This field is not filled in for an output writer.
zUSID	CHAR	8	(IBM Name: SMF6USID) The user ID associated with the job/session that created the data set, or the user ID associated with the transaction ID (for APPC output).
zSECS	CHAR	8	(IBM Name: SMF6SECS) The security label of the created data set, or data set level seclabel.
zPRMD	CHAR	8	(IBM Name: SMF6PRMD) The processing mode of the data set.
zDSNM	CHAR	53	(IBM Name: SMF6DSNM) The name of the data set being printed.

Record Type 6 - JES2 Output Writer

SMF Record 6 (JES2 Output Writer) is mapped by structure member "T006".

Primary Segment:

- SMF006_JES2_Output_Writer

Secondary Segment(s): 4 (in alphabetical order)

- SMF006_JES2_Output_Writer_Common
- SMF006_JES2_Output_Writer_Enhanced_SYSOUT
- SMF006_JES2_Output_Writer_IO_Data
- SMF006_JES2_Output_Writer_3800_NonImpact_Printing

Primary segment: SMF006_JES2_Output_Writer

Field Name	Type	Len	Description
<i>SMF006_JES2_Output_Writer.<fieldname></i>			
zFLG	INT	1	(IBM Name: SMF6FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR details.). 7 RESERVED.
zRTY	INT	1	(IBM Name: SMF6RTY) Record type 6 (X'06').
zTME	TSTMP	8	(IBM Name: SMF6TME) Date and time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF6SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM Name: SMF6JBN) Job name (taken from job's RESQ). The job name, time, and date that the reader recognized the JOB card (for this job) log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM Name: SMF6RST) Date and time that the reader recognized the JOB card (for this job).
zUIF	CHAR	8	(IBM Name: SMF6UIF) User identification (taken from common exit parameter area not from USER= parameter on job statement).
zOWC	CHAR	1	(IBM Name: SMF6OWC) *SYSOUT class (this field is blank for non-SYSOUT data sets).
zWST	TSTMP	8	(IBM Name: SMF6WST) Start date and time of print/punch processor including remote device working on the data in this record.
zNLR	INT	4	(IBM Name: SMF6NLR) Number of logical records written by the writer, by form number and class (this field includes JOBLOG information and data set copies). For an example, a data set of 1000 lines with two copies will show 2000 in this field.

SMF006_JES2_Output_Writer.zIOE.<fieldname>

zDBError	BIT	1	Data buffer read error. A change in this field will cause a new record type 6.
zCBError	BIT	1	Control buffer read error. A change in this field will cause a new record type 6.

SMF006_JES2_Output_Writer.<fieldname>

zNDS	INT	1	(IBM Name: SMF6NDS) Number of data sets processed by the writer and included in this record. If multiple copies are produced, each copy is counted (This field includes JOBLOG information.)
zFMN	CHAR	4	

			(IBM Name: SMF6FMN) Form number as defined in the FORM= parameter of the DD statement.
SMF006_JES2_Output_Writer.zPAD1.<fieldname>			
zNonImpact	BIT	1	3800 NonImpact printing subsystem section present
zCommon	BIT	1	Common section present.
zEnhanced	BIT	1	Enhanced SYSOUT support section present.
SMF006_JES2_Output_Writer.<fieldname>			
zSBS	INT	2	(IBM Name: SMF6SBS) Subsystem identification - X'0002' signifies JES2.

Secondary segment: SMF006_JES2_Output_Writer_IO_Data

Field Name	Type	Len	Description
SMF006_JES2_Output_Writer_IO_Data.<fieldname>			
zLN1	INT	2	(IBM Name: SMF6LN1) Length of this section, including this field.
SMF006_JES2_Output_Writer_IO_Data.zDCI.<fieldname>			
zSpin	BIT	1	Record represents spin data sets.
zOpEnd	BIT	1	Operator ended this data group. A change in this field will cause a new record type 6
zOpInt	BIT	1	Operator interrupted this data group. A change in this field will cause a new record type 6
zOpRestart	BIT	1	Operator restarted this data group. A change in this field will cause a new record type 6
zIntCont	BIT	1	Record represents continuation of interrupted data group. A change in this field will cause a new record type 6
zOpOver	BIT	1	Operator override programmed carriage control (printer only). A change in this field will cause a new record type 6
zPunchInt	BIT	1	Punch output was interpreted (3525 only). A change in this field will cause a new record type 6
SMF006_JES2_Output_Writer_IO_Data.<fieldname>			
zINDC	INT	1	(IBM Name: SMF6INDC) Record level indicator. 1 => MVS/XA JES2 SP2.2.0 and before - restructured SMF type 6 record. 3 => MVS/ESA JES2 SP3.1.1 - greater than 10K job support. 4 => MVS/ESA JES2 SP3.1.3 - security support. 5 => MVS/ESA JES2 SP4.1.0
zJNM	CHAR	4	(IBM Name: SMF6JNM) When SMF6INDC contains a X'1', this field contains a 4-digit EBCDIC job number. When SMF6INDC contains a X'3' or greater and the job number has more than 4 digits, this field contains zeroes. If the job number is greater than or equal to 999, this field contains the job number. For an APPC transaction, this field contains zeroes. The correct job number or APPC transaction is found in SMF6JBID.
zOUT	CHAR	8	(IBM Name: SMF6OUT) JES2 logical output device name defined in JESPARMS.
zFCB	CHAR	4	(IBM Name: SMF6FCB) FCB image identification (for printer only). A change in this field will cause a new record type 6.
zUCS	CHAR	4	(IBM Name: SMF6UCS) UCS image identification (for printer only). A change in this field will cause a new record type 6.

zPGE	INT	4	(IBM Name: SMF6PGE) Approximate page count (printer only). For a printer controlled by JES2, the count is updated: - On a new page definition, if LINECT=0 is specified on the JOBPARM JECL statement, in the accounting field of the JOB statement, on the OUTPUT JECL statement, or on the OUTPUT JCL statement. - After the number of lines specified in LINECT or on a new page definition. New page: The NEWPAGE parameter on the PRINTDEF or PRT(nnnn) JES2 Initialization statement determines the method of counting pages. If NEWPAGE=ALL or NEWPAGE=DEFAULT, then skip to any channel will be counted as a page. If NEWPAGE=1, then only skip to channel 1 will be counted as a page. For a printer controlled by an FSS, the count is affected by a PAGEDEF statement, a FORMDEF statement and/or the presence of page mode data.
zRTE	INT	2	(IBM Name: SMF6RTE) Output route code defined in JESPARMS. The route code is specified on the /*OUTPUT or DD statement. The form number is specified on the FORM parameter of the DD statement. This field is defined as follows: X'0100' indicates local routine. X'nnrr' (where nn is the node number and rr is the remote device within the node) indicates remote routing. X'00nn' indicates local routing. If more than 255 remotes are specified (in JESPARMS) for the system, this field is set to zero.

Secondary segment: SMF006_JES2_Output_Writer_3800_NonImpact_Printing

Field Name	Type	Len	Description
<i>SMF006_JES2_Output_Writer_3800_NonImpact_Printing.<fieldname></i>			
zLN2	INT	2	(IBM Name: SMF6LN2) Length of 3800 printing subsystem section including this field.
zCPS	INT	8	(IBM Name: SMF6CPS) Number of copies in each copy group. Each byte represents one copy group, and the sum of the 8 bytes is the total number of copies printed. A change in this field will cause a new record type 6 record.
zCHR	CHAR	16	(IBM Name: SMF6CHR) Names of the character arrangement tables that define the characters used in printing. Each name is 4 bytes long, with a maximum of 4 names. A change in this field will cause a new record type 6.
zMID	CHAR	4	(IBM Name: SMF6MID) Names of the copy modification module used to modify the data. A change in this field will cause a new record type 6.
zFLI	CHAR	4	(IBM Name: SMF6FLI) Name of the forms overlay printed on the copies. A change in this field will cause a new record type 6.
zFLC	INT	1	(IBM Name: SMF6FLC) Number of copies on which the forms overlay is printed A change in this field will cause a new record type 6.
<i>SMF006_JES2_Output_Writer_3800_NonImpact_Printing.zBID.<fieldname></i>			
zBurst	BIT	1	Output was burst into sheets by the Burster-Trimmed-Stacker. A change in this field will cause a new record type 6.
zOPTCDJ	BIT	1	DCB subparameter OPTCD=J was specified. Each output data line contained a table reference character that selected the character arrangement table used when printing that line. A change in this field will cause a new record type 6.

Secondary segment: SMF006_JES2_Output_Writer_Common

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF006_JES2_Output_Writer_Common.<fieldname></i>			
zLN3	INT	2	(IBM Name: SMF6LN3) Length of the common section, including this field.
zROUT	HEX	4	(IBM Name: SMF6ROUT) Output route code. This field is defined as follows: X'00010000' indicates local routing. X'nnnnrrrr' (where nnnn is the node number and rrrr is the remote device within that node) indicates remote routine. X'0000nnnn' indicates special local routing. This field is always set regardless of the number of remotes specified by the system. The node and remote devices are defined in JESPARMS.
zEFMN	CHAR	8	(IBM Name: SMF6EFMN) Output form number. This field is set regardless of the number of characters in the forms field (SMF6FMN).
zJBID	CHAR	8	(IBM Name: SMF6JBID) Job name, transaction ID (for APPC output), or TSO/E userid.
zSTNM	CHAR	8	(IBM Name: SMF6STNM) This field is not filled in for an output writer.
zPRNM	CHAR	8	(IBM Name: SMF6PRNM) This field is not filled in for an output writer.
zDDNM	CHAR	8	(IBM Name: SMF6DDNM) This field is not filled in for an output writer.
zUSID	CHAR	8	(IBM Name: SMF6USID) The user ID associated with the job/session that created the data set, or the user ID associated with the transaction ID (for APPC output).
zSECS	CHAR	8	(IBM Name: SMF6SECS) The security label of the created data set, or data set level seclabel.
zPRMD	CHAR	8	(IBM Name: SMF6PRMD) The processing mode of the data set.
zDSNM	CHAR	53	(IBM Name: SMF6DSNM) The name of the data set being printed.
zOTOK	CHAR	20	(IBM Name: SMF6OTOK) Output security token: The identifier JES assigns to those SYSOUT data sets that share common printing attributes and security information. Data sets thus grouped are then printed sequentially. If your installation also produces job header and trailer pages, these data sets appear between those job header and trailer pages as a job.

Secondary segment: SMF006_JES2_Output_Writer_Enhanced_SYSOUT

Field Name	Type	Len	Description
<i>SMF006_JES2_Output_Writer_Enhanced_SYSOUT.<fieldname></i>			
zLN5	INT	2	(IBM Name: SMF6LN5) Length of ESS section (including this field).
zSGID	INT	4	(IBM Name: SMF6SGID) Segment identifier. Contains 0 when the file is not segmented.
zBNOF	INT	2	(IBM Name: SMF6BNOF) Offset to bin section.
<i>SMF006_JES2_Output_Writer_Enhanced_SYSOUT.zIND.<fieldname></i>			
zError	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present.
<i>SMF006_JES2_Output_Writer_Enhanced_SYSOUT.<fieldname></i>			
zRSV	CHAR	1	(IBM Name: SMF6RSV) Reserved.
zJDVT	CHAR	8	

			(IBM Name: SMF6JDVT) JCL definition table (JDT) name in JCL definition vector table (JDTV).
zTUL	INT	2	(IBM Name: SMF6TUL) Text unit (SWBTU) data area length.
zTU	XVCHAR	0 1024	(IBM Name: SMF6TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro and is mapped by MVS macro IEFSJPFx.

Record Type 6 - JES3 Output Writer

SMF Record 6 (JES3 Output Writer) is mapped by structure member "T006".

Primary Segment:

- SMF006_JES3_Output_Writer

Secondary Segment(s): 4 (in alphabetical order)

- SMF006_JES3_Output_Writer_Common
- SMF006_JES3_Output_Writer_Enhanced_SYSOUT
- SMF006_JES3_Output_Writer_IO_Data
- SMF006_JES3_Output_Writer_3800_NonImpact_Printing

Primary segment: SMF006_JES3_Output_Writer

Field Name	Type	Len	Description
<i>SMF006_JES3_Output_Writer.<fieldname></i>			
zFLG	INT	1	(IBM Name: SMF6FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR details.). 7 RESERVED.
zRTY	INT	1	(IBM Name: SMF6RTY) Record type 6 (X'06').
zTME	TSTMP	8	(IBM Name: SMF6TME) Date and time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF6SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM Name: SMF6JBN) Job name (taken from job's RESQ). The job name, time, and date that the reader recognized the JOB card (for this job) log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM Name: SMF6RST) Date and time that the reader recognized the JOB card (for this job).
zUIF	CHAR	8	(IBM Name: SMF6UIF) User identification (taken from common exit parameter area not from USER= parameter on job statement).
zOWC	CHAR	1	(IBM Name: SMF6OWC) *SYSOUT class (this field is blank for non-SYSOUT data sets).
zWST	TSTMP	8	(IBM Name: SMF6WST) Start date and time of print/punch processor including remote device working on the data in this record.
zNLR	INT	4	(IBM Name: SMF6NLR) Number of logical records written by the writer. This field is filled in when a data set is completed or restarted. The count is a cumulative count which includes repeats and restarts. It does not include records skipped due to forward repositioning of the writer.

<i>SMF006_JES3_Output_Writer.zIOE.<fieldname></i>			
zDBError	BIT	1	Data buffer read error. A change in this field will cause a new record type 6.
zCBError	BIT	1	Control buffer read error. A change in this field will cause a new record type 6.

<i>SMF006_JES3_Output_Writer.<fieldname></i>			
zNDS	INT	1	(IBM Name: SMF6NDS) Number of data sets processed by the writer and included in this record. If multiple copies are produced, each copy is counted (This field includes JOBLOG information.)
zFMN	CHAR	4	

			(IBM Name: SMF6FMN) Form number as defined in the FORM= parameter of the DD statement.
SMF006_JES3_Output_Writer.zPAD1.<fieldname>			
zNonImpact	BIT	1	3800 NonImpact printing subsystem section present
zCommon	BIT	1	Common section present.
zEnhanced	BIT	1	Enhanced SYSOUT support section present.
SMF006_JES3_Output_Writer.<fieldname>			
zSBS	INT	2	(IBM Name: SMF6SBS) Subsystem identification - X'0005' signifies JES3.

Secondary segment: **SMF006_JES3_Output_Writer_IO_Data**

Field Name	Type	Len	Description
SMF006_JES3_Output_Writer_IO_Data.<fieldname>			
zLN1	INT	2	(IBM Name: SMF6LN1) Length of this section, including this field.
SMF006_JES3_Output_Writer_IO_Data.zDCI.<fieldname>			
zSpin	BIT	1	Record represents spin data sets
zOpEnd	BIT	1	Operator ended this data group
zOpRestartD	BIT	1	Operator restarted data set with destination
zOpRestart	BIT	1	Operator restarted this data group
zOpRestartR	BIT	1	Received operator restarted data set
zOpSingle	BIT	1	Operator started with single space
zPunchInt	BIT	1	Punch output was interpreted.
SMF006_JES3_Output_Writer_IO_Data.<fieldname>			
zINDC	INT	1	(IBM Name: SMF6INDC) Record level indicator. 1 => MVS/XA JES3 SP2.2.1 and before - restructured SMF type 6 record. 3 => MVS/ESA JES3 SP3.1.1 - greater than 10K job support. 4 => MVS/ESA JES3 SP3.1.3 - security support.
zJNM	CHAR	4	(IBM Name: SMF6JNM) When SMF6INDC contains a X'1', this field contains a 4-digit EBCDIC job number. When SMF6INDC contains a X'3' or greater and the job number has more than 4 digits, this field contains zeroes. If the job number is greater than or equal to 999, this field contains the job number. For an APPC transaction, this field contains zeroes. The correct job number or APPC transaction is found in SMF6JBID.
zOUT	CHAR	8	(IBM Name: SMF6OUT) JES3 logical output device name defined in JESPARMS.
zFCB	CHAR	4	(IBM Name: SMF6FCB) FCB image identification (for printer only).
zUCS	CHAR	4	(IBM Name: SMF6UCS) UCS image identification (for printer only).
zPGE	INT	4	(IBM Name: SMF6PGE) For printer, approximate page count (A skip to carriage control channel one is counted as a page.) For punch, the number of cards punched. This field is filled in when a data set is completed or restarted. The count is a cumulative count which includes repeats and restarts. It does not include pages skipped due to forward repositioning of the writer.

SMF006_JES3_Output_Writer_IO_Data.zDFE.<fieldname>			
zBadCC	BIT	1	Some first character control data bad, default used
zBadLen	BIT	1	Bad record length (truncate or pad)

SMF006_JES3_Output_Writer_IO_Data.<fieldname>			
zOPR	INT	2	(IBM Name: SMF6OPR) Output priority.
zGRP	CHAR	8	(IBM Name: SMF6GRP) JES3 logical output device group name.
zRSVJ	CHAR	8	(IBM Name: SMF6RSVJ) Reserved for JES3.
zRSVU	CHAR	4	(IBM Name: SMF6RSVU) Reserved for user.

Secondary segment: SMF006_JES3_Output_Writer_3800_NonImpact_Printing

Field Name	Type	Len	Description
SMF006_JES3_Output_Writer_3800_NonImpact_Printing.<fieldname>			
zLN2	INT	2	(IBM Name: SMF6LN2) Length of 3800 printing subsystem section including this field.
zCPS	INT	8	(IBM Name: SMF6CPS) Number of copies in each copy group. Each byte represents one copy group, and the sum of the 8 bytes is the total number of copies printed.
zCHR	CHAR	16	(IBM Name: SMF6CHR) Names of the character arrangement tables that define the characters used in printing. Each name is 4 bytes long, with a maximum of 4 names.
zMID	CHAR	4	(IBM Name: SMF6MID) Names of the copy modification module used to modify the data.
zFLI	CHAR	4	(IBM Name: SMF6FLI) Name of the forms overlay printed on the copies.
zFLC	INT	1	(IBM Name: SMF6FLC) Number of copies on which the forms overlay is printed.

SMF006_JES3_Output_Writer_3800_NonImpact_Printing.zBID.<fieldname>			
zBurst	BIT	1	Output was burst into sheets by the Burster-Trimmer-Stacker.
zOPTCDJ	BIT	1	DCB subparameter OPTCD=J was specified. Each output data line contained a table reference character that selected the character arrangement table used when printing that line.

Secondary segment: SMF006_JES3_Output_Writer_Common

Field Name	Type	Len	Description
SMF006_JES3_Output_Writer_Common.<fieldname>			
zLN3	INT	2	(IBM Name: SMF6LN3) Length of the common section, including this field.
zEFMN	CHAR	8	(IBM Name: SMF6EFMN) Output form number. This field is set regardless of the number of characters in the forms field (SMF6FMN).
zJBID	CHAR	8	(IBM Name: SMF6JBID) Job name, transaction ID (for APPC output), or TSO/E userid.

zSTNM	CHAR	8	(IBM Name: SMF6STNM) This field is not filled in for an output writer.
zPRNM	CHAR	8	(IBM Name: SMF6PRNM) This field is not filled in for an output writer.
zDDNM	CHAR	8	(IBM Name: SMF6DDNM) This field is not filled in for an output writer.
zUSID	CHAR	8	(IBM Name: SMF6USID) The user ID associated with the job/session that created the data set, or the user ID associated with the transaction ID (for APPC output).
zSECS	CHAR	8	(IBM Name: SMF6SECS) The security label of the created data set, or data set level seclabel.
zPRMD	CHAR	8	(IBM Name: SMF6PRMD) The processing mode of the data set.
zDSNM	CHAR	53	(IBM Name: SMF6DSNM) The name of the data set being printed.

Secondary segment: SMF006_JES3_Output_Writer_Enhanced_SYSOUT

Field Name	Type	Len	Description
<i>SMF006_JES3_Output_Writer_Enhanced_SYSOUT.<fieldname></i>			
zLN5	INT	2	(IBM Name: SMF6LN5) Length of ESS section (including this field).
zSGID	INT	4	(IBM Name: SMF6SGID) Segment identifier. Contains 0 when the file is not segmented.

<i>SMF006_JES3_Output_Writer_Enhanced_SYSOUT.zIND.<fieldname></i>			
zError	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present.

<i>SMF006_JES3_Output_Writer_Enhanced_SYSOUT.<fieldname></i>			
zRSV	CHAR	1	(IBM Name: SMF6RSV) Reserved.
zJDVT	CHAR	8	(IBM Name: SMF6JDVT) JCL definition table (JDT) name in JCL definition vector table (JDTV).
zTUL	INT	2	(IBM Name: SMF6TUL) Text unit (SWBTU) data area length.
zTU	XVCHAR	0 1024	(IBM Name: SMF6TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro and is mapped by MVS macro IEFSJPFY.

Record Type 6 - Print Services Facility

SMF Record 6 (Print Services Facility) is mapped by structure member "T006".

Primary Segment:

- [SMF006_Print_Services_Facility](#)

Secondary Segment(s): 8 (in alphabetical order)

- [SMF006_Print_Services_Facility_AllPoints_Printing](#)
- [SMF006_Print_Services_Facility_Common](#)
- [SMF006_Print_Services_Facility_Enhanced_SYSOUT](#)
- [SMF006_Print_Services_Facility_File_Transfer](#)
- [SMF006_Print_Services_Facility_IO_Data](#)
- [SMF006_Print_Services_Facility_MultiBins_Counter](#)
- [SMF006_Print_Services_Facility_MultiBins_Header](#)
- [SMF006_Print_Services_Facility_NonImpact_Printing](#)

Primary segment: [SMF006_Print_Services_Facility](#)

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility.<fieldname></i>			
zFLG	INT	1	(IBM Name: SMF6FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR details.). 7 RESERVED.
zRTY	INT	1	(IBM Name: SMF6RTY) Record type 6 (X'06').
zTME	TSTMP	8	(IBM Name: SMF6TME) Date and time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF6SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM Name: SMF6JBN) Job name (taken from job's RESQ). The job name, time, and date that the reader recognized the JOB card (for this job) log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM Name: SMF6RST) Date and time that the reader recognized the JOB card (for this job).
zUIF	CHAR	8	(IBM Name: SMF6UIF) User identification (taken from common exit parameter area not from USER= parameter on job statement).
zOWC	CHAR	1	(IBM Name: SMF6OWC) SYSOUT class (this field is blank for non-SYSOUT data sets).
zWST	TSTMP	8	(IBM Name: SMF6WST) Start date and time of output service working on the data in this record. This field is filled in at JES3 LOGIN time for the writer job. Note: The timestamps should not be used to determine printer utilization.
zNLR	INT	4	(IBM Name: SMF6NLR) Number of logical records read by the writer. This field contains a value established like the byte count described in the introduction.

SMF006_Print_Services_Facility.zIOE.<fieldname>

zDBError	BIT	1	Data buffer read error.
zCBError	BIT	1	Control buffer read error.

SMF006_Print_Services_Facility.<fieldname>

zNDS	INT	1	(IBM Name: SMF6NDS) Number of copies of the data set requested.
zFMN	CHAR	4	(IBM Name: SMF6FMN) Form number - only the first four bytes appear in this field. This value is

			taken from the last SETUP message or from the FORMS parameter of the OUTPUT statement for the user data set.
--	--	--	--

SMF006_Print_Services_Facility.zPAD1.<fieldname>			
zNonImpact	BIT	1	Non-impact printing subsystem section present.
zCommon	BIT	1	Common section present.
zAllPoints	BIT	1	All-points-addressable (APA) printing subsystem section present.
zEnhanced	BIT	1	Enhanced SYSOUT support section present.
zXfer	BIT	1	File Transfer section present

SMF006_Print_Services_Facility.<fieldname>			
zSBS	INT	2	(IBM Name: SMF6SBS) Subsystem identification - X'0007' signifies PSF.

Secondary segment: SMF006_Print_Services_Facility_IO_Data

Field Name	Type	Len	Description
SMF006_Print_Services_Facility_IO_Data.<fieldname>			
zLN1	INT	2	(IBM Name: SMF6LN1) Length of this section, including this field.

SMF006_Print_Services_Facility_IO_Data.zDCI.<fieldname>			
zSpin	BIT	1	Record represents spin data sets
zOpEnd	BIT	1	Operator ended this data group
zOpRestartD	BIT	1	Operator restarted data set with destination
zOpRestart	BIT	1	Operator restarted this data group
zOpRestartR	BIT	1	Received operator restarted data set
zOpSingle	BIT	1	Operator started with single space

SMF006_Print_Services_Facility_IO_Data.<fieldname>			
zINDC	INT	1	(IBM Name: SMF6INDC) Record level indicator. Bits 0-3 are reserved. Bits 4-7 have a value as follows: 1 => PSF/MVS release 1.1 - restructured SMF type 6 record. 2 => Reserved. 3 => MVS/ESA JES2 SP3.1.1 - greater than 10K job support. 4 => MVS/ESA JES2 SP3.1.3 and above - security support. 5 => MVS/ESA JES2 SP4.1.0. 6 => PSF/MVS Release 3.1.0.
zJNM	CHAR	4	(IBM Name: SMF6JNM) When SMF6INDC contains a X'1', this field contains a 4-digit EBCDIC job number. When SMF6INDC contains a X'3' or greater and the job number has more than 4 digits, this field contains zeroes. If the job number is greater than or equal to 999, this field contains the job number. For an APPC transaction, this field contains zeroes. The correct job number or APPC transaction is found in SMF6JBID.
zOUT	CHAR	8	(IBM Name: SMF6OUT) For SNA-attached printers, the VTAM logical unit name. For channelattached printers, the printer device name.
zFCB	CHAR	4	Reserved.
zUCS	CHAR	4	Reserved.
zPGE	INT	4	(IBM Name: SMF6PGE) Approximate physical page count, including duplicates and separators. This field is not incremented when blank pages are sent through the printer

			after a job because of an NPRO request, or when a blank page is generated because PSF is not generating header and trailer pages, but mark forms is active.
--	--	--	---

Secondary segment: SMF006_Print_Services_Facility_NonImpact_Printing

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_NonImpact_Printing.<fieldname></i>			
zLN2	INT	2	(IBM Name: SMF6LN2) Length of non-impact printing subsystem section, including this field.
zCPS	INT	8	(IBM Name: SMF6CPS) Number of copies specified in the COPIES parameter of the OUTPUT statement for the user data set. Each byte represents one copy group. These values can be changed by operator commands.
zCHR	CHAR	16	(IBM Name: SMF6CHR) Names of the fonts that define the characters used in printing as specified in the JCL. Each name is 4 BYTES long, with a maximum of 4 NAMES.
zFLI	CHAR	4	(IBM Name: SMF6FLI) Name of the forms overlay printed on the copies, taken from the data set JCL.
zFLC	INT	1	(IBM Name: SMF6FLC) Number of copies on which the forms overlay is printed, taken from the data set JCL.

<i>SMF006_Print_Services_Facility_NonImpact_Printing.zBID.<fieldname></i>			
zBurst	BIT	1	Output was burst into sheets by the Burster-Trimmed-Stacker. A change in this field will cause a new record type 6.
zOPTCDJ	BIT	1	DCB subparameter OPTCD=J was specified. Each output data line contained a table reference character that selected the character arrangement table used when printing that line.
zCutSheet	BIT	1	Cut-sheet printer. This field is valid only when SMF6SBS equals X'0007', and SMFINDC is equal to or greater than X'02'.

Secondary segment: SMF006_Print_Services_Facility_Common

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_Common.<fieldname></i>			
zLN3	INT	2	(IBM Name: SMF6LN3) Length of the common section, including this field.
zROUT	HEX	4	(IBM Name: SMF6ROUT) Output route code. This field is defined as follows: X'00010000' indicates local routing. X'nnnnrrrr' (where nnnn is the node number and rrrr is the remote device within that node) indicates remote routine. X'0000nnnn' indicates special local routing. This field is always set regardless of the number of remote specified by this system. The node and remote devices are defined in JESPARMS.
zEFMN	CHAR	8	(IBM Name: SMF6EFMN) Output form number. SMF6EFMN is derived from the last setup message, the JES initialization statements, or from the FORMS parameter of the OUTPUT statement.
zJBID	CHAR	8	(IBM Name: SMF6JBID) Job ID, or Transaction ID (for APPC output).
zSTNM	CHAR	8	(IBM Name: SMF6STNM) This field is not filled in for an output writer.

zPRNM	CHAR	8	(IBM Name: SMF6PRNM) This field is not filled in for an output writer.
zDDNM	CHAR	8	(IBM Name: SMF6DDNM) This field is not filled in for an output writer.
zUSID	CHAR	8	(IBM Name: SMF6USID) The user ID associated with the job/session that created the data set, or the user ID associated with the transaction ID (for APPC output).
zSECS	CHAR	8	(IBM Name: SMF6SECS) The security label of the created data set, or data set level seclabel.
zPRMD	CHAR	8	(IBM Name: SMF6PRMD) The processing mode of the data set.
zDSNM	CHAR	53	(IBM Name: SMF6DSNM) The name of the data set being printed.
zOTOK	CHAR	20	(IBM Name: SMF6OTOK) Output security token: the identifier JES assigned to those SYSOUT data sets that share common printing attributes and security information. Data sets thus grouped are then printed sequentially. If your installation also produces job header and trailer pages, these data sets appear between those job header and trailer pages as a job.

Secondary segment: SMF006_Print_Services_Facility_AllPoints_Printing

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_AllPoints_Printing.<fieldname></i>			
zLN4	INT	2	(IBM Name: SMF6LN4) Length of the section (including this field).
zBNOF	INT	2	(IBM Name: SMF6BNOF) Offset to the Multi-Bins Header Section from start of APA section.
zFONT	INT	4	(IBM Name: SMF6FONT) Number of fonts mapped with an MCF.
zLFNT	INT	4	(IBM Name: SMF6LFNT) Number of fonts loaded.
zOVLY	INT	4	(IBM Name: SMF6OVLY) Number of overlays mapped with an MMO.
zLOLY	INT	4	(IBM Name: SMF6LOLY) Number of overlays loaded.
zPGSG	INT	4	(IBM Name: SMF6PGSG) Number of page segments mapped with an MPS.
zLPSG	INT	4	(IBM Name: SMF6LPSG) Number of page segments loaded.
zIMPS	INT	4	(IBM Name: SMF6IMPS) Number of sides of sheets of paper printed (number of logical impressions), including duplicates and separators. This field is noncumulative across interrupts and is valid only when SMFINDC is equal to or greater than X'02'. This field is not incremented when blank pages are sent through the printer after a job because of an NPRO request, or when a blank page is generated because PSF is not generating header and trailer pages, but mark forms is active.
zFEET	INT	4	(IBM Name: SMF6FEET) Number of feet of paper printed for the document (zero for printers that do not report paper size). This field is non-cumulative across interrupts. This field is not incremented when blank pages are sent through the printer after a job because of an NPRO request, or when a blank page is generated because PSF is not generating header and trailer pages, but mark forms is active.
zPGDF	INT	4	(IBM Name: SMF6PGDF) Number of PAGEDEFS used.
zFMDF	INT	4	

			(IBM Name: SMF6FMDF) Number of FORMDEFS used.
--	--	--	--

SMF006_Print_Services_Facility_AllPoints_Printing.zBIN.<fieldname>			
zBin1	BIT	1	Bin 1 used for any part of the data set.
zBin2	BIT	1	Bin 2 used for any part of the data set.
zBin3	BIT	1	Bin 3 used for any part of the data set.
zBin4	BIT	1	Bin 4 used for any part of the data set.

SMF006_Print_Services_Facility_AllPoints_Printing.zPGOP.<fieldname>			
zStdDup	BIT	1	Standard duplex was used for any part of the data set.
zTumDpx	BIT	1	Tumble duplex was used for any part of the data set. System security indicators. Valid only when SMF6INDC is equal to or greater than X'04'.
zSYSAREA	BIT	1	Keyword SYSAREA=YES
zDPAGELBL	BIT	1	Keyword DPAGELBL=YES
zSuccess	BIT	1	Print operation was successful
zSPAGELBL	BIT	1	Keyword SPAGELBL=YES
zError	BIT	1	Error occurred processing the security overlay
zOverrun	BIT	1	Image generator overrun error occurred.

SMF006_Print_Services_Facility_AllPoints_Printing.zFLG3.<fieldname>			
zSec	BIT	1	Security label integrity is guaranteed. Valid only when SMF6INDC is equal to or greater than X'04'
zHead	BIT	1	The job header page was printed
zTrail	BIT	1	The job trailer page was printed
zPageLabel	BIT	1	Data page labelling was suppressed
zUserArea	BIT	1	User printable area was suppressed.

SMF006_Print_Services_Facility_AllPoints_Printing.<fieldname>			
zNSOL	INT	4	(IBM Name: SMF6NSOL) Number of security overlays used while printing the data set. Valid only when SMF6INDC is equal to or greater than X'04'.
zNSFO	INT	4	(IBM Name: SMF6NSFO) Number of security fonts used while printing the data set. Valid only when SMF6INDC is equal to or greater than X'04'.
zNPS	INT	4	(IBM Name: SMF6NPS) Number of security page segments used while printing the data set. Valid only when SMF6INDC is equal to or greater than X'04'.
zFDNM	CHAR	8	(IBM Name: SMF6FDNM) FORMDEF name used to print the data set.
zPDNM	CHAR	8	(IBM Name: SMF6PDNM) PAGEDEF name used to print the data set.
zPTDV	CHAR	8	(IBM Name: SMF6PTDV) PRINTDEV name used to print the data set.
zSETU	CHAR	8	(IBM Name: SMF6SETU) COMSETUP name used to print the data set.
zLPGE	INT	4	(IBM Name: SMF6LPGE) Number of logical pages processed. (The accumulative number of logical pages per side.) This field is non-accumulative across interrupts. This field is not incremented when blank pages are sent through the printer after a job because of an NPRO request, or when a blank page is generated because PSF is not generating header and trailer pages, but forms marking is active.

Secondary segment: SMF006_Print_Services_Facility_MultiBins_Header

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_MultiBins_Header.<fieldname></i>			
zBNLN	INT	2	(IBM Name: SMF6LN4) Length of the section (including this field).
zBNUM	INT	2	(IBM Name: SMF6BNOF) Offset to the Multi-Bins Header Section from start of APA section.

Secondary segment: SMF006_Print_Services_Facility_MultiBins_Counter

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_MultiBins_Counter.<fieldname></i>			
zBNNO	INT	1	(IBM Name: SMF6BNNO) Bin number.
zBNCT	INT	3	(IBM Name: SMF6BNCT) Bin counter. This field is not incremented when blank pages are sent through the printer after a job because of an NPRO request, or when a blank page is generated because PSF is not generating header and trailer pages, but mark forms is active.
zBNLE	INT	2	(IBM Name: SMF6BNLE) Paper length in millimeters.
zBNWI	INT	2	(IBM Name: SMF6BNWI) Paper width in millimeters.

Secondary segment: SMF006_Print_Services_Facility_Enhanced_SYSOUT

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_Enhanced_SYSOUT.<fieldname></i>			
zLN5	INT	2	(IBM Name: SMF6LN5) Length of ESS section (including this field).
zSGID	INT	4	(IBM Name: SMF6SGID) Segment identifier. Contains 0 when the file is not segmented.

SMF006_Print_Services_Facility_Enhanced_SYSOUT.zIND.<fieldname>

zError	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present.
--------	-----	---	--

SMF006_Print_Services_Facility_Enhanced_SYSOUT.<fieldname>

zRSV	CHAR	1	(IBM Name: SMF6RSV) Reserved.
zJDVT	CHAR	8	(IBM Name: SMF6JDVT) JCL definition table (JDT) name in JCL definition vector table (JDVT).
zTUL	INT	2	(IBM Name: SMF6TUL) Text unit (SWBTU) data area length.
zTU	XVCHAR	0 1024	(IBM Name: SMF6TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro and is mapped by MVS macro IEFSJPFx.

Secondary segment: SMF006_Print_Services_Facility_File_Transfer

Field Name	Type	Len	Description
<i>SMF006_Print_Services_Facility_File_Transfer.<fieldname></i>			
zLN6	INT	2	Length of File Transfer section (including this field).
zBYTE	INT	4	Total bytes sent.
zIPV4	IPADDRESS	4	Target IPv4 address.
zFTL	INT	1	Level indicator for file transfer section.
zPQLN	INT	2	Length of print queue name.
zPRTQ	XVCHAR	0 1024	Print queue name.
zBYTD	INT	8	Total bytes sent when > 4 Gigabytes.
zIPV6	IPADDRESS	16	Target IPv6 IP address.

Record Type 6 - IP PrintWay

SMF Record 6 (IP PrintWay) is mapped by structure member "T006".

Primary Segment:

- SMF006_IP_PrintWay

Secondary Segment(s): 4 (in alphabetical order)

- SMF006_IP_PrintWay_Common
- SMF006_IP_PrintWay_Enhanced_SYSOUT
- SMF006_IP_PrintWay_File_Transfer
- SMF006_IP_PrintWay_IO_Data

Primary segment: SMF006_IP_PrintWay

Field Name	Type	Len	Description
<i>SMF006_IP_PrintWay.<fieldname></i>			
zFLG	INT	1	(IBM Name: SMF6FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR details.). 7 RESERVED.
zRTY	INT	1	(IBM Name: SMF6RTY) Record type 6 (X'06').
zTME	TSTMP	8	(IBM Name: SMF6TME) Date and time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF6SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM Name: SMF6JBN) Job name (taken from job's RESQ). The job name, time, and date that the reader recognized the JOB card (for this job) log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM Name: SMF6RST) Date and time that the reader recognized the JOB card (for this job).
zUIF	CHAR	8	(IBM Name: SMF6UIF) User identification (taken from common exit parameter area not from USER= parameter on job statement).
zOWC	CHAR	1	(IBM Name: SMF6OWC) SYSOUT class (this field is blank for non-SYSOUT data sets).
zWST	TSTMP	8	(IBM Name: SMF6WST) Start date and time of output service working on the data in this record. This field is filled in at JES3 LOGIN time for the writer job. Note: The timestamps should not be used to determine printer utilization.
zNLR	INT	4	(IBM Name: SMF6NLR) Number of logical records read by the writer. This field contains a value established like the byte count described in the introduction.
<i>SMF006_IP_PrintWay.zIOE.<fieldname></i>			
zDBError	BIT	1	Data buffer read error.
zCBError	BIT	1	Control buffer read error.
<i>SMF006_IP_PrintWay.<fieldname></i>			
zNDS	INT	1	(IBM Name: SMF6NDS) Number of copies of the data set requested.
zFMN	CHAR	4	(IBM Name: SMF6FMN) Form number - only the first four bytes appear in this field. This value is taken from the last SETUP message or from the FORMS parameter of the OUTPUT statement for the user data set.

SMF006_IP_PrintWay.zPAD1.<fieldname>			
zCommon	BIT	1	Common section present.
zEnhanced	BIT	1	Enhanced SYSOUT support section present.
zXfer	BIT	1	File Transfer section present

SMF006_IP_PrintWay.<fieldname>			
zSBS	INT	2	(IBM Name: SMF6SBS) Subsystem identification - X'0009' signifies IP PrintWay.

Secondary segment: SMF006_IP_PrintWay_IO_Data

Field Name	Type	Len	Description
SMF006_IP_PrintWay_IO_Data.<fieldname>			
zLN1	INT	2	(IBM Name: SMF6LN1) Length of this section, including this field.

SMF006_IP_PrintWay_IO_Data.zDCI.<fieldname>			
zAttempt	BIT	1	Transmission attempted
zSuccess	BIT	1	Transmission successful
zReleaseCHKP	BIT	1	Data set released to the system with checkpoint
zRestartCHKP	BIT	1	Data set restarted using checkpoint information.

SMF006_IP_PrintWay_IO_Data.<fieldname>			
zINDC	INT	1	(IBM Name: SMF6INDC) Record level indicator. Bits 0-3 Reserved 4-7 Have a value as follows: 1 IP PrintWay basic mode 2-6 Reserved. 7 IP PrintWay extended mode - z/OS V1R5 and above.
zJNM	CHAR	4	(IBM Name: SMF6JNM) When SMF6INDC contains a X'1', this field contains a 4-digit EBCDIC job number. When SMF6INDC contains a X'3' or greater and the job number has more than 4 digits, this field contains zeroes. If the job number is greater than or equal to 999, this field contains the job number. For an APPC transaction, this field contains zeroes. The correct job number or APPC transaction is found in SMF6JBID.
zOUT	CHAR	8	(IBM Name: SMF6OUT) For SNA-attached printers, the VTAM logical unit name. For channelattached printers, the printer device name.
zFCB	CHAR	4	Reserved.
zUCS	CHAR	4	Reserved.
zPGE	INT	4	(IBM Name: SMF6PGE) For IP PrintWay extended mode, the total number of pages that printed successfully. When the printer prints on both sides of a sheet of paper (duplex printing), most printers count each side as one page. If no pages printed, or if no page count is available, this field contains X'00'. For IP PrintWay basic mode, this field contains X'00' Tips: 1. IP PrintWay fills in the page count only when it uses the direct sockets protocol to send data to the printer and the 'Record pages printed for accounting' option is selected in the Printer Inventory. 2. If the document did not finish printing, this field contains the number of pages that printed before the error. Field SMF6DCI contains X'00'.

Secondary segment: SMF006_IP_PrintWay_Common

Field Name	Type	Len	Description
<i>SMF006_IP_PrintWay_Common.<fieldname></i>			
zLN3	INT	2	(IBM Name: SMF6LN3) Length of the common section, including this field.
zROUT	HEX	4	(IBM Name: SMF6ROUT) Reserved.
zEFMN	CHAR	8	(IBM Name: SMF6EFMN) Output form number. SMF6EFMN is derived from the last setup message, the JES initialization statements, or from the FORMS parameter of the OUTPUT statement.
zJBID	CHAR	8	(IBM Name: SMF6JBID) Job ID.
zSTNM	CHAR	8	(IBM Name: SMF6STNM) Step name.
zPRNM	CHAR	8	(IBM Name: SMF6PRNM) Proc step name.
zDDNM	CHAR	8	(IBM Name: SMF6DDNM) DD name.
zUSID	CHAR	8	(IBM Name: SMF6USID) The user ID associated with the job/session that created the data set.
zSECS	CHAR	8	(IBM Name: SMF6SECS) Reserved.
zPRMD	CHAR	8	(IBM Name: SMF6PRMD) The processing mode of the data set.
zDSNM	CHAR	53	(IBM Name: SMF6DSNM) The name of the data set being printed.
zOTOK	CHAR	20	(IBM Name: SMF6OTOK) Output security token: assigns to those SYSOUT data sets that share common printing attributes and security information. Data sets thus grouped are then printed sequentially. If your installation also produces job header and trailer pages, these data sets appear between those job header and trailer pages as a job.

Secondary segment: SMF006_IP_PrintWay_Enhanced_SYSOUT

Field Name	Type	Len	Description
<i>SMF006_IP_PrintWay_Enhanced_SYSOUT.<fieldname></i>			
zLN5	INT	2	(IBM Name: SMF6LN5) Length of ESS section (including this field).
zSGID	INT	4	(IBM Name: SMF6SGID) Segment identifier.
<i>SMF006_IP_PrintWay_Enhanced_SYSOUT.zIND.<fieldname></i>			
zError	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present.
<i>SMF006_IP_PrintWay_Enhanced_SYSOUT.<fieldname></i>			
zRSV	CHAR	1	(IBM Name: SMF6RSV) Reserved.
zJDVT	CHAR	8	(IBM Name: SMF6JDVT) JCL definition table (JDT) name in JCL definition vector table (JDTV).
zTUL	INT	2	(IBM Name: SMF6TUL) Text unit (SWBTU) data area length.

zTU	XVCHAR	0 1024	(IBM Name: SMF6TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro and is mapped by MVS macro IEFSJPFx.
-----	--------	-----------	---

Secondary segment: SMF006_IP_PrintWay_File_Transfer

Field Name	Type	Len	Description
<i>SMF006_IP_PrintWay_File_Transfer.<fieldname></i>			
zLN6	INT	2	Length of File Transfer section (including this field).
zBYTE	INT	4	Total number of bytes transmitted, described in the section introduction.
zIP	IPADDRESS	4	IP address of target address. If these records are written in IP PrintWay extended mode, this field contains 0. IP PrintWay basic mode fills in the IP address only when it uses the LPR or direct sockets protocols to send data to the printer.
zFTL	INT (ENUM)	1	File transfer level indicator 'Basic' => IP PrintWay basic mode wrote the record. 'XNoInf' => IP PrintWay extended mode wrote the record. Fields SMF6ACTL and SMF6ACCT are not present. 'XInf' => IP PrintWay extended mode wrote the record. Fields SMF6ACTL and SMF6ACCT are present.
zPQLN	INT	2	Length of the Print Queue Name field. When IP PrintWay basic mode writes the record, SMF6PQLN contains the length of the SMF6PRTQ field. When IP PrintWay extended mode writes the record, SMF6PQLN contains the length of the meaningful portion of SMF6PRTQ.
zPRTQ	CHAR	24	Print Queue Name. If IP PrintWay basic mode writes the record, SMF6PRTQ is variable in length, with the length as specified in SMF6PQLN. If IP PrintWay extended mode writes the record, SMF6PRTQ is always 24 BYTES in length and the print queue name is padded to the right with blanks. SMF6PQLN can be used to extract the print queue name from SMF6PRTQ.
zBYTD	INT	8	For IP PrintWay extended mode, the total bytes transmitted (64-bit integer), described in the section introduction. For IP PrintWay basic mode, the SMF6BYTD field is not present.
zURIL	INT	2	For IP PrintWay extended mode, the length of the target device universal resource indicator (URI). For IP PrintWay basic mode, the SMF6URIL field is not present.
zURI	XVCHAR	0 1024	For IP PrintWay extended mode, the target device universal resource indicator (URI). For IP PrintWay basic mode, the SMF6URI field is not present.
zACTL	INT	2	For IP PrintWay extended mode, the length of the accounting information in the SMF6ACCT field. If this field contains 0, there is no accounting information in SMF6ACCT. This situation can occur if Print Interface or NetSpool dynamically allocated the print job on the JES spool. For IP PrintWay basic mode, this field is not present.
zACCT	CHAR	143	For IP PrintWay extended mode, accounting information from the JOB JCL statement. The first byte contains the number (in binary) of accounting pairs that follow. Each accounting pair has this format: - 1 byte with the length (in binary) of accounting information that follows. If the length is zero, there is no string of accounting information in this accounting pair. - A variable length string that contains the accounting information (in EBCDIC). For example, if the JOB JCL statement contains: (TSS40000,JROMXB,1234,5,4321,.,3,N,254) The SMF SMF6ACCT field contains: '0908e3e2e2f4f0f0f006d1d9d6d4e7c204f1f2f3f401f504f4f3f2f10001f301d503f2f5f4'x For IP PrintWay basic mode, this field is not present.

Record Type 7 - Data Lost

SMF Record 7 (Data Lost) is mapped by structure member "T007".

Primary Segment:

- SMF007_SMF_Data_Lost

Secondary Segment(s): 0

Primary segment: SMF007_SMF_Data_Lost

Field Name	Type	Len	Description
<i>SMF007_SMF_Data_Lost.<fieldname></i>			
SMF007_SMF_Data_Lost.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF7FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators (see 'Standard and Extended SMF record headers' on page 174 FOR details) 7 RESERVED.
zRTY	INT	1	(IBM name: SMF7RTY) Record type 7 (X'07').
zTME	TSTMP	8	(IBM name: SMF7TME) Date/Time when the record was built into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF7SID) System identification (from the SID parameter).
zNRO	INT	2	(IBM name: SMF7NRO) Number of SMF records lost because no SMF data sets were available for recording. Unsigned, count up to 65,535. This field is marked as invalid, and is set to zero when SMF7NRF is ON. SMF7NROX is the 4 BYTE equivalent of this field.
zSTM	TSTMP	8	(IBM name: SMF7STM) When SMF7DRP is off, this is the time when the buffers condition began. When SMF7DRP is on, this is the time when the DROP record filter became active. This field is in hundredths of a second.

SMF007_SMF_Data_Lost.Header_Self_defining_Section.zFL1.<fieldname>			
zNRF	BIT	1	indicates that field zNRO has exceeded its 2 byte capacity and is therefore invalid. Use SMF7NROX, which is the 4 byte equivalent of zNRO.
zLSD	BIT	1	indicates that this record is the result of a log stream becoming full.
zDRP	BIT	1	Indicates that this record is the result of the SMF record flood facility dropping records.

SMF007_SMF_Data_Lost.Header_Self_defining_Section.<fieldname>			
zRSV1	CHAR	2	(IBM name: SMF7RSV1) Reserved.
zDTYP	INT	1	(IBM name: SMF7DTYP) The type of record that was dropped by the filter. This field is zero unless SMF7DRP is ON.
zNROX	INT	4	(IBM name: SMF7NROX) Number of SMF records lost because no SMF data sets were available for recording. Unsigned, 4 BYTE equivalent of SMF7NRO.
zLSN	CHAR	26	(IBM name: SMF7LSN) The name of the log stream associated with the data space that experiences the loss. Only filled in when SMF7LSD is ON.

Record Type 8 - I/O Configuration

SMF Record 8 (I/O Configuration) is mapped by structure member "T008".

Primary Segment:

- SMF008_IO_Configuration

Secondary Segment(s): 1

- SMF008_Device

Primary segment: SMF008_IO_Configuration

Field Name	Type	Len	Description
<i>SMF008_IO_Configuration.<fieldname></i>			
SMF008_IO_Configuration.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF8FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF8RTY) Record type 08 (X'08').
zTME	TSTMP	8	(IBM name: SMF8TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF8SID) System identification (from the SID parameter).
zLENN	INT	2	(IBM name: SMF8LENN) Length of rest of record including this field.

Secondary segment: SMF008_Device

Field Name	Type	Len	Description
<i>SMF008_Device.<fieldname></i>			
zDUT	INT	2	(IBM name: SMF8DUT) Device class and unit type.
zCHA	INT	2	(IBM name: SMF8CHA) Device number.

Record Type 9 - VARY Device ONLINE

SMF Record 9 (VARY Device ONLINE) is mapped by structure member "T009".

Primary Segment:

- SMF009_VARY_Device_ONLINE

Secondary Segment(s): 1

- SMF009_Device

Primary segment: SMF009_VARY_Device_ONLINE

Field Name	Type	Len	Description
<i>SMF009_VARY_Device_ONLINE.<fieldname></i>			
SMF009_VARY_Device_ONLINE.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF9FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF9RTY) Record type 9 (X'09').
zTME	TSTMP	8	(IBM name: SMF9TME) Date/Time when the record was built into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF9SID) System identification (from the SID parameter).
zLENN	INT	2	(IBM name: SMF9LENN) Length of rest of record including this field.

Secondary segment: SMF009_Device

Field Name	Type	Len	Description
<i>SMF009_Device.<fieldname></i>			
zDUT	INT	2	(IBM name: SMF9DUT) Device class and unit type.
zCUA	INT	2	(IBM name: SMF9CUA) Device number.
zVPC	INT (ENUM)	1	(IBM name: SMF9VPC) Identifies the issuer of the vary path command that causes the specified device to change states
zRSV	CHAR	3	(IBM name: SMF9RSV) Reserved.

Record Type 10 - Allocation Recovery

SMF Record 10 (Allocation Recovery) is mapped by structure member "T010".

Primary Segment:

- SMF010_Allocation_Recovery

Secondary Segment(s): 1

- SMF010_Device

Primary segment: SMF010_Allocation_Recovery

Field Name	Type	Len	Description
<i>SMF010_Allocation_Recovery.<fieldname></i>			
SMF010_Allocation_Recovery.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF10FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF10RTY) Record type 10 (X'0A').
zTME	TSTMP	8	(IBM name: SMF10TME) Date/Time that the record was built into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF10SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM name: SMF10JBN) Job name The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output). Note: This field contains blanks if allocation recovery is for a system task.
zRST	TSTMP	8	(IBM name: SMF10RST) Date/Time that the reader recognized the JOB card (for this job). This field equals zero if allocation recovery is for a system task.
zUIF	CHAR	8	(IBM name: SMF10UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zLN	INT	2	(IBM name: SMF10LN) Length of rest of record including this field.

Secondary segment: SMF010_Device

Field Name	Type	Len	Description
<i>SMF010_Device.<fieldname></i>			
zDUT	INT	2	(IBM name: SMF10DUT) Device class and unit type.
zCUA	INT	2	(IBM name: SMF10CUA) Device number.

Record Type 11 - VARY Device OFFLINE

SMF Record 11 (VARY Device OFFLINE) is mapped by structure member "T011".

Primary Segment:

- SMF011_VARY_Device_OFFLINE

Secondary Segment(s): 1

- SMF011_Device

Primary segment: SMF011_VARY_Device_OFFLINE

Field Name	Type	Len	Description
<i>SMF011_VARY_Device_OFFLINE.<fieldname></i>			
SMF011_VARY_Device_OFFLINE.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF11FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF11RTY) Record type 11 (X'0B').
zTME	TSTMP	8	(IBM name: SMF11TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF11SID) System identification (from the SID parameter).
zLN	INT	2	(IBM name: SMF11LN) Length of the rest of the record (including this field).

Secondary segment: SMF011_Device

Field Name	Type	Len	Description
<i>SMF011_Device.<fieldname></i>			
zDUT	INT	2	(IBM name: SMF11DUT) Device class and unit type.
zCUA	INT	2	(IBM name: SMF11CUA) Device number.
zVPC	INT (ENUM)	1	(IBM name: SMF11VPC) Identifies the issuer of the vary path command that causes the specified device to change states
zRSV	CHAR	3	(IBM name: SMF11RSV) Reserved.

Record Type 14 - INPUT or RDBACK Dataset

SMF Record 14 (INPUT or RDBACK Dataset) is mapped by structure member "T014".

Primary Segment:

- [SMF014_INPUT_or_RDBACK_Dataset](#)

Secondary Segment(s): 9 (in alphabetical order)

- [SMF014#1_Compressed_format_Dataset](#)
- [SMF014#2_SMS_Class](#)
- [SMF014#3_Step_Info](#)
- [SMF014#4_ISO_ANSI_V4_CCSID_Info](#)
- [SMF014#5_Additional_Dataset_Char](#)
- [SMF014#6_PDSE_Statistics](#)
- [SMF014#7_Tape_Encryption](#)
- [SMF014#8_RAS](#)
- [SMF014#9_Dataset_Encryption](#)

Primary segment: [SMF014_INPUT_or_RDBACK_Dataset](#)

Field Name	Type	Len	Description
<i>SMF014_INPUT_or_RDBACK_Dataset.<fieldname></i>			
<i>SMF014_INPUT_or_RDBACK_Dataset.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF14FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF14RTY) Record type 14 (X'0E').
zTME	TSTMP	8	(IBM name: SMF14TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF14SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF14JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF14RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF14UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).

<i>SMF014_INPUT_or_RDBACK_Dataset.Header_Self_Defining_Section.zRIN.<fieldname></i>			
zEOV	BIT	1	Record written by end of volume (EOV).
zDAD	BIT	1	DASD.
zTDS	BIT	1	Temporary data set.
zDDA	BIT	1	DCBDSORG=DA (the data set organization being used is direct access-BDAM).
zIS	BIT	1	DCBDSORG=IS and DCBMACRF not EXCP (the data set organization being used is indexed sequential and the EXCP access method is not being used).
zJIS	BIT	1	JFCDSORG=IS (the data set organization being used is indexed sequential).
zVIO	BIT	1	Virtual input output (VIO) data set access.
zIPD	BIT	1	Partitioned data set directory entries (PDSE) data set.

zTRC	BIT	1	The QSAM TRUNC macro has been issued against a PDSE.
zNSG	BIT	1	Null segment encountered in a PDSE.
zSTR	BIT	1	Extended format sequential data set indicator.
zHBT	BINT	1	Hiperbatch section present.
zXSG	BIT	1	Extended information segment present.
zTCL	BIT	1	Task termination closed the DCB.
zABD	BIT	1	Task is terminating (TCBFA is on).

SMF014_INPUT_or_RDBACK_Dataset.Section_Sizes.<fieldname>

zSDC	INT	1	(IBM name: SMF14SDC) Size of DCB/DEB section.
zNUC	INT	1	(IBM name: SMF14NUC) Number of UCB sections. There is always one UCB section for each UCB currently processing except for BPAM-concatenated data sets. For BPAM there is one UCB section for each data set in the concatenation except that any z/OS UNIX directories are omitted. For extended format data sets, there is one UCB section for each volume.
zSUC	INT	1	(IBM name: SMF14SUC) Size of each UCB section.
zSET	INT	1	(IBM name: SMF14SET) Size of ISAM extension section. This field always contains X'0'.
zOPE	TIME	4	(IBM name: SMF14OPE) Time when the data set was opened.

SMF014_INPUT_or_RDBACK_Dataset.TIOT.<fieldname>

SMFTIOE1	INT	1	Length, in bytes, of the DD entry (including all device entries). This field is mapped by TIOELNGH in the TIOT mapping.
SMFTIOE2	HEX	1	Status indicator. This field indicates the tape label processing to be performed. whether unallocating, rewinding, or unloading tape data sets is required. This field is mapped by TIOESSTA in the TIOT mapping.
SMFTIOE3	INT	1	Number of devices requested for this data set during allocation. For PDSE data sets, this field will always contain X'1'. This field is mapped by TIOEWTCT in the TIOT mapping.
SMFTIOE4	HEX	1	A data set and device indicator. This field is mapped by TIOELINK in the TIOT mapping.
SMFTIOE5	CHAR	8	Data definition name (DDname). This field is mapped by TIOEDDNM in the TIOT mapping.
SMFTIOE6	HEX	3	Scheduler Work Area (SWA) address of the job file control block (JFCB). This field is mapped by TIOEJFCB in the TIOT mapping.
SMFTIOE7	HEX	1	This field is mapped by TIOESTTC in the TIOT mapping.

SMF014_INPUT_or_RDBACK_Dataset.JFCB.<fieldname>

DSN	CHAR	44	DATA SET NAME (DSNAME=). For TCAM this is the 8 byte PROCESS QUEUE NAME (QNAME=)
ELNM	CHAR	8	DSNAME= ELEMENT (MEMBER) NAME (DSNAME=x(member)). MEMBER NAME OR RELATIVE GENERATION NUMBER. TYPE OF AREA (INDEX, PRIME OR OVERFLOW) FOR AN INDEXED SEQUENTIAL DATA SET ONLY.
FCIPLTX	CHAR	7	MODULE NAME OF NETWORK CONTROL PROGRAM (DCB=IPLTXID=) (TCAM)
LSRD	CHAR	8	Target DDNAME for Batch LSR when JFCBLSR indicator is ON

SMF014_INPUT_or_RDBACK_Dataset.JFCB.TDSM.<fieldname>

CAT	BIT	1	DATA SET IS CATALOGED
VSL	BIT	1	VOLUME SERIAL LIST HAS BEEN CHANGED

SDS	BIT	1	SUBSYSTEM DATA SET - This dataset is either a SYSIN/SYSOUT dataset, or SUBSYS= was specified on the DD statement
TTR	BIT	1	A JOB STEP IS TO BE RESTARTED. USE JFCBOTTR INSTEAD OF DS1LSTAR FIELD TO REPOSITION DATA SET IF AUTOMATIC STEP RESTART OCCURS. (THIS JOB HAD ABEND PROCESSING FOR A DATA SET OPENED FOR MOD.)
NWRIT	BIT	1	DO NOT WRITE BACK THE JFCB DURING OPEN PROCESSING
NDSCB	BIT	1	DO NOT MERGE DSCB OR LABEL FIELDS INTO THIS JFCB
NDCB	BIT	1	DO NOT MERGE DCB FIELDS INTO THIS JFCB
PAT	BIT	1	THE PATTERNING DSCB IS COMPLETE

SMF014_INPUT_or_RDBACK_Dataset.JFCB.<fieldname>

DSCB	HEX	3	TTR OF THE FORMAT 1 DSCB FOR DATA SET PART ON THE FIRST VOLUME OF THE DATA SET
FCBID	HEX	4	FORMS CONTROL BUFFER IMAGE ID (FCB=name)

SMF014_INPUT_or_RDBACK_Dataset.JFCB.TDSM.AM.<fieldname>

AMCRO	HEX	2	CHECKPOINT/RESTART OPTION INDICATORS
AMSTR	INT	2	NUMBER OF STRINGS (AMP=('STRNO=num'))

SMF014_INPUT_or_RDBACK_Dataset.JFCB.TDSM.<fieldname>

ADBF	INT	2	NUMBER OF DATA BUFFERS AMP=('BUFND=NNN') (VSAM)
NLREC	INT	2	LOGICAL RECORD LENGTH - VSAM

SMF014_INPUT_or_RDBACK_Dataset.JFCB.TDSI.<fieldname>

TrackRecordingTechnique	BINT (ENUM)	4	
Media	BINT (ENUM)	4	
Compaction	BINT (ENUM)	4	
SpecialAttr	BINT (ENUM)	4	

SMF014_INPUT_or_RDBACK_Dataset.JFCB.<fieldname>

LabelType	INT (ENUM)	1	
BUFOF	INT	1	TAPE DATA SET - THIS FIELD CONTAINS THE BUFFER
FLSQ	INT	2	LABEL= FILE (DATA SET) SEQUENCE NUMBER (LABEL=(ds-seq#,))
VLSQ	INT	2	VOLUME= VOLUME SEQUENCE NUMBER (VOL=(,vol-seq#,))
DMMASK	HEX	8	DATA MANAGEMENT MASK
CRDT	DATE	3	DATA SET CREATION DATE in the format: 'YYDDDD' in which the year is an offset from 1900, i.e. 1989 is 1900 + 89. The 89 in hex is 59, in this case January 8, 1989 would be 590008. This date is the date of the Allocation of the data set and is not valid until the Allocation is processing.
XPDT	DATE	3	DATA SET EXPIRATION DATE (LABEL=EXPDT=) Stored in the same format as the Creation Date This field may alternately contain the date that is calculated by adding the Retention Period (LABEL=RETPD=) to the Creation Date (JFCBCRDT). NOTE: JFCBXPDT is not valid until the data set is actually allocated.
IND1	INT (ENUM)	1	

SMF014_INPUT_or_RDBACK_Dataset.JFCB.Ind2.<fieldname>			
Disp	BINT (ENUM)	2	Disposition - NEW/MOD/OLD
Security	BINT (ENUM)	2	Indicates when a password is required
Shr	BINT (ENUM)	1	Shared Dataset
ENT	BIT	1	Delete this JFCB before alloc for a restarted GDG
REQ	BIT	1	Storage Volume Requested
Temp	BIT	1	Dataset will be deleted when job completes with a normal condition code

SMF014_INPUT_or_RDBACK_Dataset.JFCB.<fieldname>			
BUFIN	BINT	4	INPUT Buffers (DCB=BUFIN=) BITS 0-3 CONTAIN THE NUMBER OF BUFFERS ASSIGNED INITIALLY FOR RECEIVING OPERATIONS FOR EACH LINE IN A LINE GROUP (TCAM)
BUFOUT	BINT	4	OUTPUT Buffers (DCB=BUFOUT=) BITS 4-7 CONTAIN THE NUMBER OF BUFFERS ASSIGNED INITIALLY FOR SENDING OPERATIONS FOR EACH LINE IN A LINE GROUP (TCAM)
BUFL	INT	2	BUFFER LENGTH (DCB=BUFL=)
EROPT	INT (ENUM)	1	
TRTCH	INT (ENUM)	1	TAPE RECORDING TECHNIQUE (DCB=TRTCH=)
KEYLE	HEX	1	DIRECT ACCESS KEY LENGTH (DCB=KEYLEN=)
MODE	INT (ENUM)	1	MODE OF OPERATION (CARD READER, CARD PUNCH) (DCB=MODE=)
STACK	HEX	1	STACKER SELECTION (CARD READER, CARD PUNCH) (DCB=STACK=)
PRTSP	INT (ENUM)	1	NORMAL PRINTER SPACING (DCB=PRTSP=)
DEN	INT (ENUM)	1	TAPE DENSITY - 2400/3400 SERIES MAGNETIC TAPE UNITS (DCB=DEN=)
ABFS	INT	3	TOTAL BUFFER SIZE FOR ALL VSAM BUFFERS (AMP=('BUFSP=num')) (VSAM)

SMF014_INPUT_or_RDBACK_Dataset.JFCB.DSORG.<fieldname>			
DSRG1	INT (ENUM)	1	DATA SET ORGANIZATION - BYTE1
DSRG2	INT (ENUM)	1	DATA SET ORGANIZATION - BYTE2

SMF014_INPUT_or_RDBACK_Dataset.JFCB.<fieldname>			
RECFM	INT (ENUM)	1	RECORD FORMAT (DCB=RECFM=) (AMP=('RECFM=')). 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format).

			'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format). 'VBS' => Variable length (blocked, spanned). 'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format). 'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).
OPTCD	INT	1	OPTION CODES (DCB=OPTCD=)
BLKSZ	INT	2	MAXIMUM BLOCK SIZE (DCB=BLKSIZE=)
BUFSZ	INT	2	MAXIMUM BUFFER SIZE (DCB=BUFSIZE=)
IXBUF	INT	2	NUMBER OF INDEX BUFFERS (AMP=('BUFNI=num')) (VSAM)
RECL	INT	2	LOGICAL RECORD LENGTH (DCB=LRECL=)
BUFMX	INT	1	MAXIMUM NUMBER OF BUFFERS (DCB=BUFMAX=). THE MAXIMUM NUMBER OF BUFFERS TO BE USED FOR DATA TRANSFER FOR EACH LINE IN THIS LINE GROUP (TCAM)
NVOL	INT	1	NUMBER OF VOLUME SERIAL NUMBERS
VOLS	CHAR	30	VOLUME SERIAL NUMBERS - 1 to 5
PQTY	INT	3	SPACE= Primary quantity (SPACE=(, (prim-qty))) PRIMARY QUANTITY OF DIRECT ACCESS STORAGE REQUIRED
RUNIT	CHAR	3	UNIT TYPE (EBCDIC) OF A DEVICE AT A REMOTE TERMINAL. THE FIRST TWO CHARACTERS ARE RD (READER), PR (PRINTER) OR PU (PUNCH). THE THIRD CHARACTER IS A NUMBER FROM 1 TO 9

SMF014_INPUT_or_RDBACK_Dataset.JFCB.Space.<fieldname>

SpaceTyp	BINT (ENUM)	2	Request type - CYL/TRK/BLK
SpaceReq1	BINT (ENUM)	3	Request type - CONTIG/MXIG/ALX
SpaceReq2	BINT (ENUM)	1	Request type - ROUND/ABSTR

SMF014_INPUT_or_RDBACK_Dataset.JFCB.<fieldname>

SQTY	INT	3	SPACE= Secondary quantity (SPACE=(, (, sec-qty))) SECONDARY QUANTITY OF DIRECT ACCESS STORAGE REQUIRED
DQTY	INT	3	SPACE= Directory quantity (SPACE=(, (, dir-qty))) QUANTITY OF DIRECT ACCESS STORAGE REQUIRED FOR A DIRECTORY OR AN EMBEDDED INDEX AREA

ABST	INT	2	SPACE= Absolute track (ABSTR) request address
DRLH	CHAR	3	SPACE= AVERAGE DATA BLOCK LENGTH (blklgth)
VLCT	INT	1	VOLUME COUNT (volct) (VOL=(,,volct)
VLDQ	HEX	1	Volser dequeue indicators

SMF014_INPUT_or_RDBACK_Dataset.DCB_DEB.<fieldname>

SMFDCBOR	INT	2	Data set organization being used. This field is mapped by DCBDSORG in the DCB mapping.
SMFDCBRF	INT	1	Record format. This field is mapped by DCBREGFM in the DCB mapping.
SMFDCBMF	INT	2	Type of I/O macro instruction and options. This field is mapped by DCBMACRF in the DCB mapping.
SMFDCBFL	INT	1	Indicator used by the OPEN, CLOSE, EOVS routines such as the type of the last I/O operation. This field is mapped by DCBOFLGS in the DCB mapping.
SMFDCBOP	INT	1	Option codes used by access-method interfaces. This field is mapped by DCBOPTCD in the DCB mapping.
zRV2	INT	1	(IBM name: SMF14RV2) Reserved.
SMFDEBFL	INT	1	Data set and device status indicator. This field indicates whether a data set is modified, new or old, and shows the status of DASD. This field is mapped by DEBOFLGS in the DEB mapping. For information about DEBOFLGS.
SMFDEBOP	INT	1	Indicator showing both the method of I/O processing and the disposition that is to be performed when an end-of-volume (EOV) condition occurs. This field is mapped by DEBOPATB in the DEB mapping.
SMFDEBVL	INT	2	Volume sequence number. For direct access, the sequence number is relative to the first volume of the data set. For tape, the sequence number is relative to the first volume processed. This field is valid only for sequential data sets. This field is mapped by DEBVOLSQ in the DEB mapping.

SMF014_INPUT_or_RDBACK_Dataset.DCB_DEB.Space.DCB_DEB_Tape_Ext.<fieldname>

SMFDCBBL	INT	4	Block count for each volume. For PDSE data sets, this field will always contain X'0'. This field is mapped by DCBBLKCT in the DCB mapping.
SMFDSSNO	CHAR	6	Data set serial number. For PDSE data sets, this field will always contain X'0'. This field is mapped by UCBFSER in the UCB mapping.
zRV3	CHAR	1	(IBM name: SMF14RV3) Reserved.
zTDA	INT	1	(IBM name: SMF14TDA) Tape DS authorization flags.
zOPD	DATE	4	(IBM name: SMF14OPD) Date when the data set was opened, in the form 0ccyyddF.

SMF014_INPUT_or_RDBACK_Dataset.DCB_DEB.Space.DCB_DEB_DASD_Ext.<fieldname>

zNTU	INT	4	(IBM name: SMF14NTU) Relative track and record of the last user block in the form of TTR0, if a basic format data set. Relative track and record of the last user block in the form of TTTR, if a large format data set. For extended data sets, this field will accumulate the number of tracks used across all the volumes (TTTT).
zNTR	INT	4	(IBM name: SMF14NTR) Number of tracks released by the DADSM routine. For PDSE data sets, this field will always contain X'0'.
zNER	INT	1	(IBM name: SMF14NER) Number of extents released by the DADSM routine. For PDSE data sets, this field will always contain X'0'.
zEDI	INT	1	

			(IBM name: SMF14EDI) Enhanced Data Integrity (EDI) flag indicator. Bit Meaning when set 0 DATA set name found in EDI exclusion table. 1 DATA set being opened for output but is currently open for output. 2 DATA set being opened for input but is currently open for output and the data set is not excluded from EDI processing.. 3 APPLICATION requested EDI processing be bypassed and the data set is not excluded from EDI processing.. 4-7 Reserved.
zFG1	BIT	8	byte. Bit Meaning when set 0 LARGE format data set. zNTU is in TTRT format. 1 EAV BAM detected one or more EXCP or XDAP issuances-DEB2XEXCP flag is on. 2-7 Reserved.
zRV4	CHAR	1	(IBM name: SMF14RV4) Reserved.
zOPD	DATE	4	(IBM name: SMF14OPD) Date when the data set was opened, in the form 0ccyyddF.

SMF014_INPUT_or_RDBACK_Dataset.UCB.<fieldname>

SMFUCBDV	INT	2	Device number. If this field contains X'7FFF', this could be a virtual I/O (VIO) data set. If bit 7 0F field zRIN is set to one, this is a VIO data set. Virtual I/O devices are identified by the following: Device Class 0 UNIT Type 0 DEVICE Number X'7FFF' It is important to understand the following: v Allocation messages for VIO data sets will show VIO ALLOCATED TO ddname. v SMF records will show VIO unit addresses as X'7FFF'. v The actual in-storage UCB built for VIO will show address X'3FFF'. For example, the following messages indicate that ddname is not allocated to a Virtual I/O device, but is instead allocated to a real device whose unit address is X'3FFF' or X'7FFF' respectively: v IEF237I X'3FFF' ALLOCATED TO ddname v IEF237I X'7FFF' ALLOCATED TO ddname
SMFSRTEV	CHAR	6	Volume serial number.
SMFUCBTY	INT	4	Unit type. This field is mapped by UCBTYP in the UCB mapping.
SMFSRTES	INT	1	DASD volume status indicator. This field indicates whether this DASD volume is a private, public, storage, or control volume. For PDSE data sets, this field will always contain X'0'. This field is mapped by UCBSTAB in the UCB mapping.
zNEX	INT	1	(IBM name: SMF14NEX) Number of extents.
zRV5	CHAR	2	(IBM name: SMF14RV5) Reserved.
SMFEXCP	INT	4	EXCP count for entire step. Note that if a data set is opened and closed twice during a single step, the count in the second type 14 RECORD is the sum of all EXCPs for both uses of the data set. (The EXCP count in the last type 14 RECORD for the step is equal to the corresponding entry for the data set in record type 4). For more information about EXCP count. For PDSE data sets, the number of pages that were read or written. For compressed data sets the number of physical blocks that were read or written.

SMF014_INPUT_or_RDBACK_Dataset.UCB.Space.SMF014_UCB_TapeExt.<fieldname>

SMFSRTEF	INT	2	Data set sequence count.
SMFSRTEQ	INT	2	Data set sequence number.

SMF014_INPUT_or_RDBACK_Dataset.UCB.Space.SMF014_UCB_DASDExt.<fieldname>

zNTA	INT	4	Number of tracks allocated on the device. For PDSE data sets, this field will always contain X'0'.
------	-----	---	--

SMF014_INPUT_or_RDBACK_Dataset.HiperBatch.<fieldname>

SMFIOREQ	INT	4	(IBM name: SMF14NUC) Number of requests for I/O issued by the access method for this data set for which Hiperbatch attempted to find the requested data in its buffers (see SMFCHITS and SMFPHIOS).
SMFCHITS	INT	4	Number of requests for I/O issued by the access method for this data set satisfied by moving data from Hiperbatch buffers.

SMFNMWTS	INT	4	Number of times Hiperbatch temporarily suspended this requester because another user was already reading some or all of the requested data.
SMFPHIOS	INT	4	Number of requests for I/O issued by the access method for this data set satisfied by performing DASD I/O. Note that the sum of SMFPHIOS and SMFCHITS should equal SMFIOREQ.
SMFCIOS	INT	4	Number of DASD I/Os (as recorded in SMFPHIOS) for which Hiperbatch copied the data into its buffers.

SMF014_INPUT_or_RDBACK_Dataset.ISAM_Extension.<fieldname>

zRV6	CHAR	2	(IBM name: SMF14RV6) Reserved.
SMFDCBMA	INT	1	Extension of I/O macro instruction (DCBMACRF) for ISAM. This field is mapped by DCBMACCT in the DCB mapping.
SMFDCBNL	INT	1	Number of index levels. This field is mapped by DCBNLVET in the DCB mapping.
SMFDCBR3	INT	4	For each use of the data set, number of read or write accesses to an overflow record which is not first in a chain of such records. This field is mapped by DCBRORG3 in the DCB mapping.
SMFDCBNR	INT	4	Number of logical records in prime data area. This field is mapped by DCBNRECT in the DCB mapping.
SMFDCBR2	INT	2	Number of tracks (whole or partial remaining in overflow area). This field is mapped by DCBRORG2 in the DCB mapping.
SMFDCBNO	INT	2	Number of logical records in overflow area. This field is mapped by DCBNOREC in the DCB mapping.
SMFDCBR1	INT	2	Number of cylinder overflow areas that are full. This field is mapped by DCBRORG1 in the DCB mapping.
zRV7	CHAR	1	(IBM name: SMF14RV7) Reserved.
SMFDEBNI	INT	1	Number of extents in independent index area. This field is mapped by DEBNIEEQ in the DEB mapping.
SMFDEBNP	INT	1	Number of extents in prime data area. This field is mapped by DEBNPEEQ in the DEB mapping.
SMFDEBNO	INT	1	Number of extents in independent overflow area. This field is mapped by DEBNOEEQ in the DEB mapping.
SMFNPCYL	INT	2	Number of cylinders in independent index area.
SMFNPCYL	INT	2	Number of cylinders in prime data area.
SMFNOCYL	INT	2	Number of cylinders in independent overflow area.

SMF014_INPUT_or_RDBACK_Dataset.Ext_Info_Seg_Desc.<fieldname>

zSXS	INT	2	(IBM name: SMF14SXS) Size of extended information segment (size of all sections including this length field).
------	-----	---	--

Secondary segment: SMF014#1_Companded_format_Dataset

Field Name	Type	Len	Description
SMF014#1_Companded_format_Dataset.<fieldname>			
zESL1	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5

			ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
SMF014#1_Compressed_format_Dataset.zXF1.<fieldname>			
zLBD	BIT	1	Compressed format data set size values (SMF14CDS and SMF14UDS) are invalid.
zCRJ	BIT	1	Compression of the data set has been rejected.
zZEDCNAC	BIT	1	During output processing, the system determined that the zEDC feature was not available. In this case, some or all data was written non-compressed due to unavailability of the zEDC feature. (If 0, then zEDC used on all compression.) Valid only when SMF14CMPTYPE is SMF14CMPTYPEZEDC.
zZEDCNAD	BIT	1	During input processing, the system determined that the zEDC feature was not available. In this case, it used software decompression to decompress the data. (If 0, then zEDC used on decompression.) Valid only when SMF14CMPTYPE is SMF14CMPTYPEZEDC.
SMF014#1_Compressed_format_Dataset.<fieldname>			
zXF2	HEX	1	(IBM name: SMF14XF2) Indicators: Bit Meaning when set 0-7 Reserved.
zCDL	INT	8	(IBM name: SMF14CDL) Number of bytes of compressed data read or written since this open.
zUDL	INT	8	(IBM name: SMF14UDL) Number of bytes of data read or written since this open (data length prior to compression).
zCDS	INT	8	(IBM name: SMF14CDS) Size of the compressed format data set (number of compressed user data bytes).
zUDS	INT	8	(IBM name: SMF14UDS) Size of the compressed format data set (number of uncompressed user data bytes).
zCIS	INT	4	(IBM name: SMF14CIS) Physical block size of extended format data set.
zTKL	INT	2	(IBM name: SMF14TKL) Length of dictionary token, SMF14TKN field (not including the length of this field). Currently equals 36.
zTKN	HEX	36	(IBM name: SMF14TKN) Dictionary token for compressed format data set.
zCMPTYPE	INT	1	(IBM name: SMF14CMPTYPE) Indicators: Value Name and meaning when set 0 SMF14CMPTYPEPENA. Not compressed format, or unknown. 1 SMF14CMPTYPEGEN. Generic compression. 2 MF14CMPTYPEPLRD. Tailored compression. 3 SMF14CMPTYPEZEDC. zEDC compression.

Secondary segment: **SMF014#2_SMS_Class**

Field Name	Type	Len	Description
SMF014#2_SMS_Class.<fieldname>			
zESL2	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

zMCN	CHAR	8	(IBM name: SMF14MCN) SMS Management class name.
zDCN	CHAR	8	(IBM name: SMF14DCN) SMS Data class name.
zSCN	CHAR	8	(IBM name: SMF14SCN) SMS Storage class name (first 8 CHARACTERS).

Secondary segment: SMF014#3_Step_Info

Field Name	Type	Len	Description
<i>SMF014#3_Step_Info.<fieldname></i>			
zESL3	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
zSPN	CHAR	8	(IBM name: SMF14SPN) Job step name.
zPGN	CHAR	8	(IBM name: SMF14PGN) Job step program name.
SMFJOBID	CHAR	8	Job ID.
SMFPLXID	CHAR	8	Sysplex name.

Secondary segment: SMF014#4_ISO_ANSI_V4_CCSID_Info

Field Name	Type	Len	Description
<i>SMF014#4_ISO_ANSI_V4_CCSID_Info.<fieldname></i>			
zESL4	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

SMF014#4_ISO_ANSI_V4_CCSID_Info.zCFG.<fieldname>

zIBM	BIT	1	IBM format Version 4 tape
zOUT	BIT	1	Opened for OUTPUT not DISP=MOD
zMOD	BIT	1	Opened for OUTPUT DISP=MOD
zUDF	BIT	1	User CCSID value is defaulted to CCSID=500
zTDF	BIT	1	Tape CCSID value is defaulted to CCSID=367
zIGN	BIT	1	CCSID value specified on DD statement was ignored

SMF014#4_ISO_ANSI_V4_CCSID_Info.<fieldname>

zUSR	INT	4	(IBM name: SMF14USR) CCSID user application expects data records to be in (specified on JOB/EXEC statement or defaulted).
zTPE	INT	4	(IBM name: SMF14TPE) CCSID of data records on tape (specified on DD statement or in tape label).
zLBL	INT	4	(IBM name: SMF14LBL) CCSID specified in the tape label of an existing tape when opened for input processing. Note: 1. If opened for input processing, then bit 1 AND 2 WILL both be off. 2. If no CCSID information is specified (in other words SMF14USR and SMF14TPE are 0), then the IBM standard ASCII/EBCDIC (XLATE) was used to process this Version 4 TAPE.

Secondary segment: SMF014#5_Additional_Dataset_Char

Field Name	Type	Len	Description
<i>SMF014#5_Additional_Dataset_Char.<fieldname></i>			
zESL5	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

SMF014#5_Additional_Dataset_Char.zBFG0.<fieldname>

zBLK	BIT	1	Block size is present in zLBS
zFLGP	BIT	1	Flag field is present in zFLG1/2
zDST	BIT	1	Dataset version is present in zDSVER
zALS	BIT	1	Alias name is present in zALI

SMF014#5_Additional_Dataset_Char.<fieldname>

zBFG1	HEX	1	(IBM name: SMF14BFG1) Flag byte 2.
zLBS	INT	8	(IBM name: SMF14LBS) Block size value.

SMF014#5_Additional_Dataset_Char.zBFG0.zFLG1.<fieldname>

zUPF	BIT	1	BSAM user PGFIX option flag (DEB2XUPF)
zEADSCB1	BIT	1	DCBEADSCBOK flag (If on, then EADSCB=OK specified in DCBE. If off, then either there is no DCBE or EADSCB=OK is not specified in the DCBE)
zEADSCB2	BIT	1	DCBEADSCBOK flag (If on, then EADSCB=OK specified in DCBE. If off, then either there is no DCBE or EADSCB=OK is not specified in the DCBE)
zXTIO	BIT	1	DD has XTIO, not TIOT entry
zDSENCRYPTOK	BIT	1	If on, the application program is enabled for basic and large format data set encryption with EXCP. The application coded DSENCRYPT=OK on the DCBE macro.

SMF014#5_Additional_Dataset_Char.zBFG0.<fieldname>

zFLG2	HEX	1	(IBM name: SMF14FLG2) Flag byte 2.
-------	-----	---	---------------------------------------

zDSVER	HEX	1	(IBM name: SMF14DSVER) Indicates the version of the data set or, in the case of a partitioned concatenation, the first data set in the concatenation, as follows: Value Meaning m'00' The data set is neither a PDSE nor an extended-format data set. X'01' The data set is either a PDSE V1 or an extended-format V1. X'02' The data set is either a PDSE V2 or an extended-format V2.
zALI	CHAR	44	(IBM name: SMF14ALI) Alias data set name.

Secondary segment: **SMF014#6_PDSE_Statistics**

Field Name	Type	Len	Description
<i>SMF014#6_PDSE_Statistics.<fieldname></i>			
zESL6	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
zDRD	INT	4	(IBM name: SMF14DRD) Directory read request count.
zDRDH	INT	4	(IBM name: SMF14DRDH) Directory read hit count.
zMRD	INT	4	(IBM name: SMF14MRD) Member read request count.
zMRDH	INT	4	(IBM name: SMF14MRDH) Member read hit count.
zMCE	INT	4	(IBM name: SMF14MCE) Member cache eligible count.
zMST	INT	4	(IBM name: SMF14MST) Member cache stolen count.
zMNC	INT	4	(IBM name: SMF14MNC) Member cache eligible but not cached count.
zMCF	INT	4	(IBM name: SMF14MCF) Member cache eligible but cache full count. Note: If concatenation is involved, the counts reflect the total count for all concatenated PDSE data sets.

Secondary segment: **SMF014#7_Tape_Encryption**

Field Name	Type	Len	Description
<i>SMF014#7_Tape_Encryption.<fieldname></i>			
zESL7	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

zKL1	CHAR	64	(IBM name: SMF14KL1) Key label 1
SMF12CD1	CHAR	1	Encoding mechanism for key label 1. This field can be 'L' for Label or 'H' for Hash.
zKL2	CHAR	64	(IBM name: SMF14KL2) Key label 2
zCD2	CHAR	1	(IBM name: SMF14CD2) Encoding mechanism for key label 2. This field can be 'L' for Label or 'H' for Hash.
zKET	INT	4	(IBM name: SMF14KET) Key exchange time in hundredths seconds. The key exchange (encryption overhead) time is only applicable for SMF record type 15 AND only for non-parallel OPEN processing writing file sequence 1 FROM loadpoint. In all other cases, this field is set to zero.

Secondary segment: **SMF014#8_RAS**

Field Name	Type	Len	Description
SMF014#8_RAS.<fieldname>			
zESL8	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

SMF014#8_RAS.zRFG0.<fieldname>			
zDCBEREJ	BIT	1	DCBE reject flags present.
zPREL	BIT	1	PARTREL flags present.

SMF014#8_RAS.zRFG1.<fieldname>			
zRFG1DBYP	BIT	1	OPEN with DCBE BYPASS_AUTH=YES was specified to bypass authorization checking. When zRFG1JBYP is also ON, bypass authorization checking because JSCBPASS is in effect.
zRFG1JBYP	BIT	1	JSCBPASS was specified to bypass authorization checking.
zRFG1AUTH	BIT	1	The caller of OPEN was either in supervisor state, in a system key, or APF-authorized.
zRFG1BYP	BIT	1	OPEN bypassed SAF authority checking. Refer to zRFG1DBYP and zRFG1JBYP to determine the method that was used to request bypass of SAF authority checking.

SMF014#8_RAS.<fieldname>			
zRFG2	HEX	1	(IBM name: SMF14RFG2) Reserved
zRFG3	HEX	1	(IBM name: SMF14RFG3) Reserved

SMF014#8_RAS.zRASDATA0.<fieldname>			
zDCBEEXCP	BIT	1	DCBE invalidated because EXCP and no foundation extension present.
zDCBEDS0RG	BIT	1	DCBE invalidated because DSORG is not PS, PO OR DA.
zDCBEFREE	BIT	1	DCBE invalidated because storage is not addressable.

zDCBEKEY	BIT	1	DCBE invalidated because DCBE storage is not in key of caller.
zDCBEID	BIT	1	DCBE invalidated because the DCBEID is not 'DCBE'.
zDCBEMIN	BIT	1	DCBE invalidated because it is not at least the minimum length required (56 bytes)
zN0DCBE	BIT	1	DCBEHIARC flags set but DCBDCBE is zeros.

SMF014#8_RAS.zRASDATA1.<fieldname>

zPRELVIO	BIT	1	Partial release not called by CLOSE because VIO data set.
zPRELABD	BIT	1	Partial release not called by CLOSE because task is abending.
zPRELINP	BIT	1	Partial release not called by CLOSE because not opened for output
zPRELEXCP	BIT	1	Partial release not called by CLOSE because EXCP DCB but no direct access device section present.
zPRELNOUT	BIT	1	Partial release not called by CLOSE because even though opened for output, last I/O was not output.
zPRELIO	BIT	1	Partial release had an I/O error.

Secondary segment: SMF014#9_Dataset_Encryption

Field Name	Type	Len	Description
SMF014#9_Dataset_Encryption.<fieldname>			
zESL9	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF14STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

SMF014#9_Dataset_Encryption.zDEF.<fieldname>

zDSENC	BIT	1	Data set encrypted
zDSEB	BIT	1	User requested access method to bypass decryption on reads and the system honored the request
zDSENCNP	BIT	1	Blocks do not have prefixes. Set only for basic and large format.

SMF014#9_Dataset_Encryption.<fieldname>

zDET	HEX	2	(IBM name: SMF14DET) Encryption type. The first byte is X'01' to signify AES. The second byte is X'00' to signify 256 bits.
zDKL	CHAR	64	(IBM name: SMF14DKL) DASD data set key labels

Record Type 15 - OUTPUT UPDAT INOUT or OUTIN

SMF Record 15 (OUTPUT UPDAT INOUT or OUTIN) is mapped by structure member "T015".

Primary Segment:

- SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Secondary Segment(s): 9 (in alphabetical order)

- SMF015#1_Compressed_format_Dataset
- SMF015#2_SMS_Class
- SMF015#3_Step_Info
- SMF015#4_ISO_ANSI_V4_CCSDID_Info
- SMF015#5_Additional_Dataset_Char
- SMF015#6_PDSE_Statistics
- SMF015#7_Tape_Encryption
- SMF015#8_RAS
- SMF015#9_Dataset_Encryption

Primary segment: SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Field Name	Type	Len	Description
<i>SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.<fieldname></i>			
<i>SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF15FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF15RTY) Record type 15 (X'0F').
zTME	TSTMP	8	(IBM name: SMF15TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF15SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF15JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF15RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF15UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
<i>SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.Header_Self_Defining_Section.zRIN.<fieldname></i>			
zEOV	BIT	1	Record written by end of volume (EOV).
zDAD	BIT	1	DASD.
zTDS	BIT	1	Temporary data set.
zDDA	BIT	1	DCBDSORG=DA (the data set organization being used is direct access-BDAM).
zIS	BIT	1	DCBDSORG=IS and DCBMACRF not EXCP (the data set organization being used is indexed sequential and the EXCP access method is not being used).
zJIS	BIT	1	JFCDSORG=IS (the data set organization being used is indexed sequential).
zVIO	BIT	1	Virtual input output (VIO) data set access.
zIPD	BIT	1	Partitioned data set directory entries (PDSE) data set.

zTRC	BIT	1	The QSAM TRUNC macro has been issued against a PDSE.
zNSG	BIT	1	Null segment encountered in a PDSE.
zSTR	BIT	1	Extended format sequential data set indicator.
zHBT	BINT	1	Hiperbatch section present.
zXSG	BIT	1	Extended information segment present.
zTCL	BIT	1	Task termination closed the DCB.
zABD	BIT	1	Task is terminating (TCBFA is on).

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.Section_Sizes.<fieldname>

zSDC	INT	1	(IBM name: SMF15SDC) Size of DCB/DEB section.
zNUC	INT	1	(IBM name: SMF15NUC) Number of UCB sections. There is always one UCB section for each UCB currently processing except for BPAM-concatenated data sets. For BPAM there is one UCB section for each data set in the concatenation except that any z/OS UNIX directories are omitted. For extended format data sets, there is one UCB section for each volume.
zSUC	INT	1	(IBM name: SMF15SUC) Size of each UCB section.
zSET	INT	1	(IBM name: SMF15SET) Size of ISAM extension section. This field always contains X'0'.
zOPE	TIME	4	(IBM name: SMF15OPE) Time when the data set was opened.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.TIOT.<fieldname>

SMFTIOE1	INT	1	Length, in bytes, of the DD entry (including all device entries). This field is mapped by TIOELNGH in the TIOT mapping.
SMFTIOE2	HEX	1	Status indicator. This field indicates the tape label processing to be performed. whether unallocating, rewinding, or unloading tape data sets is required. This field is mapped by TIOESSTA in the TIOT mapping.
SMFTIOE3	INT	1	Number of devices requested for this data set during allocation. For PDSE data sets, this field will always contain X'1'. This field is mapped by TIOEWTCT in the TIOT mapping.
SMFTIOE4	HEX	1	A data set and device indicator. This field is mapped by TIOELINK in the TIOT mapping.
SMFTIOE5	CHAR	8	Data definition name (DDname). This field is mapped by TIOEDDNM in the TIOT mapping.
SMFTIOE6	HEX	3	Scheduler Work Area (SWA) address of the job file control block (JFCB). This field is mapped by TIOEJFCB in the TIOT mapping.
SMFTIOE7	HEX	1	This field is mapped by TIOESTTC in the TIOT mapping.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>

DSN	CHAR	44	DATA SET NAME (DSNAME=). For TCAM this is the 8 byte PROCESS QUEUE NAME (QNAME=)
ELNM	CHAR	8	DSNAME= ELEMENT (MEMBER) NAME (DSNAME=x(member)). MEMBER NAME OR RELATIVE GENERATION NUMBER. TYPE OF AREA (INDEX, PRIME OR OVERFLOW) FOR AN INDEXED SEQUENTIAL DATA SET ONLY.
FCIPLTX	CHAR	7	MODULE NAME OF NETWORK CONTROL PROGRAM (DCB=IPLTXID=) (TCAM)
LSRD	CHAR	8	Target DDNAME for Batch LSR when JFCBLSR indicator is ON

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.TDSM.<fieldname>

CAT	BIT	1	DATA SET IS CATALOGED
VSL	BIT	1	VOLUME SERIAL LIST HAS BEEN CHANGED

SDS	BIT	1	SUBSYSTEM DATA SET - This dataset is either a SYSIN/SYSOUT dataset, or SUBSYS= was specified on the DD statement
TTR	BIT	1	A JOB STEP IS TO BE RESTARTED. USE JFCBOTTR INSTEAD OF DS1LSTAR FIELD TO REPOSITION DATA SET IF AUTOMATIC STEP RESTART OCCURS. (THIS JOB HAD ABEND PROCESSING FOR A DATA SET OPENED FOR MOD.)
NWRIT	BIT	1	DO NOT WRITE BACK THE JFCB DURING OPEN PROCESSING
NDSCB	BIT	1	DO NOT MERGE DSCB OR LABEL FIELDS INTO THIS JFCB
NDCB	BIT	1	DO NOT MERGE DCB FIELDS INTO THIS JFCB
PAT	BIT	1	THE PATTERNING DSCB IS COMPLETE

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>

DSCB	HEX	3	TTR OF THE FORMAT 1 DSCB FOR DATA SET PART ON THE FIRST VOLUME OF THE DATA SET
FCBID	HEX	4	FORMS CONTROL BUFFER IMAGE ID (FCB=name)

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.TDSM.AM.<fieldname>

AMCRO	HEX	2	CHECKPOINT/RESTART OPTION INDICATORS
AMSTR	INT	2	NUMBER OF STRINGS (AMP=('STRNO=num'))

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.TDSM.<fieldname>

ADBF	INT	2	NUMBER OF DATA BUFFERS AMP=('BUFND=NNN') (VSAM)
NLREC	INT	2	LOGICAL RECORD LENGTH - VSAM

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.TDSI.<fieldname>

TrackRecordingTechnique	BINT (ENUM)	4	
Media	BINT (ENUM)	4	
Compaction	BINT (ENUM)	4	
SpecialAttr	BINT (ENUM)	4	

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>

LabelType	INT (ENUM)	1	
BUFOF	INT	1	TAPE DATA SET - THIS FIELD CONTAINS THE BUFFER
FLSQ	INT	2	LABEL= FILE (DATA SET) SEQUENCE NUMBER (LABEL=(ds-seq#,))
VLSQ	INT	2	VOLUME= VOLUME SEQUENCE NUMBER (VOL=(,vol-seq#,))
DMMASK	HEX	8	DATA MANAGEMENT MASK
CRDT	DATE	3	DATA SET CREATION DATE in the format: 'YYDDDD' in which the year is an offset from 1900, i.e. 1989 is 1900 + 89. The 89 in hex is 59, in this case January 8, 1989 would be 590008. This date is the date of the Allocation of the data set and is not valid until the Allocation is processing.
XPDT	DATE	3	DATA SET EXPIRATION DATE (LABEL=EXPDT=) Stored in the same format as the Creation Date This field may alternately contain the date that is calculated by adding the Retention Period (LABEL=RETPD=) to the Creation Date (JFCBCRDT). NOTE: JFCBXPDT is not valid until the data set is actually allocated.
IND1	INT (ENUM)	1	

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>			
Disp	BINT (ENUM)	2	Disposition - NEW/MOD/OLD
Security	BINT (ENUM)	2	Indicates when a password is required
Shr	BINT (ENUM)	1	Shared Dataset
ENT	BIT	1	Delete this JFCB before alloc for a restarted GDG
REQ	BIT	1	Storage Volume Requested
Temp	BIT	1	Dataset will be deleted when job completes with a normal condition code

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>			
BUFIN	BINT	4	INPUT Buffers (DCB=BUFIN=) BITS 0-3 CONTAIN THE NUMBER OF BUFFERS ASSIGNED INITIALLY FOR RECEIVING OPERATIONS FOR EACH LINE IN A LINE GROUP (TCAM)
BUFOUT	BINT	4	OUTPUT Buffers (DCB=BUFOUT=) BITS 4-7 CONTAIN THE NUMBER OF BUFFERS ASSIGNED INITIALLY FOR SENDING OPERATIONS FOR EACH LINE IN A LINE GROUP (TCAM)
BUFL	INT	2	BUFFER LENGTH (DCB=BUFL=)
EROPT	INT (ENUM)	1	
TRTCH	INT (ENUM)	1	TAPE RECORDING TECHNIQUE (DCB=TRTCH=)
KEYLE	HEX	1	DIRECT ACCESS KEY LENGTH (DCB=KEYLEN=)
MODE	INT (ENUM)	1	MODE OF OPERATION (CARD READER, CARD PUNCH) (DCB=MODE=)
STACK	HEX	1	STACKER SELECTION (CARD READER, CARD PUNCH) (DCB=STACK=)
PRTSP	INT (ENUM)	1	NORMAL PRINTER SPACING (DCB=PRTSP=)
DEN	INT (ENUM)	1	TAPE DENSITY - 2400/3400 SERIES MAGNETIC TAPE UNITS (DCB=DEN=)
ABFS	INT	3	TOTAL BUFFER SIZE FOR ALL VSAM BUFFERS (AMP=('BUFSP=num')) (VSAM)

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.DSORG.<fieldname>			
DSRG1	INT (ENUM)	1	DATA SET ORGANIZATION - BYTE1
DSRG2	INT (ENUM)	1	DATA SET ORGANIZATION - BYTE2

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>			
RECFM	INT (ENUM)	1	RECORD FORMAT (DCB=RECFM=) (AMP=('RECFM=')). 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format).

			<p>'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format). 'VBS' => Variable length (blocked, spanned). 'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format). 'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).</p>
OPTCD	INT	1	OPTION CODES (DCB=OPTCD=)
BLKSZ	INT	2	MAXIMUM BLOCK SIZE (DCB=BLKSIZE=)
BUFSZ	INT	2	MAXIMUM BUFFER SIZE (DCB=BUFSIZE=)
IXBUF	INT	2	NUMBER OF INDEX BUFFERS (AMP=('BUFNI=num')) (VSAM)
RECL	INT	2	LOGICAL RECORD LENGTH (DCB=LRECL=)
BUFMX	INT	1	MAXIMUM NUMBER OF BUFFERS (DCB=BUFMAX=). THE MAXIMUM NUMBER OF BUFFERS TO BE USED FOR DATA TRANSFER FOR EACH LINE IN THIS LINE GROUP (TCAM)
NVOL	INT	1	NUMBER OF VOLUME SERIAL NUMBERS
VOLS	CHAR	30	VOLUME SERIAL NUMBERS - 1 to 5
PQTY	INT	3	SPACE= Primary quantity (SPACE=(, (prim-qty))) PRIMARY QUANTITY OF DIRECT ACCESS STORAGE REQUIRED
RUNIT	CHAR	3	UNIT TYPE (EBCDIC) OF A DEVICE AT A REMOTE TERMINAL. THE FIRST TWO CHARACTERS ARE RD (READER), PR (PRINTER) OR PU (PUNCH). THE THIRD CHARACTER IS A NUMBER FROM 1 TO 9

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.Space.<fieldname>			
SpaceTyp	BINT (ENUM)	2	Request type - CYL/TRK/BLK
SpaceReq1	BINT (ENUM)	3	Request type - CONTIG/MXIG/ALX
SpaceReq2	BINT (ENUM)	1	Request type - ROUND/ABSTR

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.JFCB.<fieldname>			
SQTY	INT	3	SPACE= Secondary quantity (SPACE=(, (, sec-qty))) SECONDARY QUANTITY OF DIRECT ACCESS STORAGE REQUIRED
DQTY	INT	3	SPACE= Directory quantity (SPACE=(, (, dir-qty))) QUANTITY OF DIRECT ACCESS STORAGE REQUIRED FOR A DIRECTORY OR AN EMBEDDED INDEX AREA

ABST	INT	2	SPACE= Absolute track (ABSTR) request address
DRLH	CHAR	3	SPACE= AVERAGE DATA BLOCK LENGTH (blklgth)
VLCT	INT	1	VOLUME COUNT (volct) (VOL=(,,volct)
VLDQ	HEX	1	Volser dequeue indicators

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.DCB_DEB.<fieldname>

SMFDCBOR	INT	2	Data set organization being used. This field is mapped by DCBDSORG in the DCB mapping.
SMFDCBRF	INT	1	Record format. This field is mapped by DCBREGFM in the DCB mapping.
SMFDCBMF	INT	2	Type of I/O macro instruction and options. This field is mapped by DCBMACRF in the DCB mapping.
SMFDCBFL	INT	1	Indicator used by the OPEN, CLOSE, EOVS routines such as the type of the last I/O operation. This field is mapped by DCBOFLGS in the DCB mapping.
SMFDCBOP	INT	1	Option codes used by access-method interfaces. This field is mapped by DCBOPTCD in the DCB mapping.
zRV2	INT	1	(IBM name: SMF15RV2) Reserved.
SMFDEBFL	INT	1	Data set and device status indicator. This field indicates whether a data set is modified, new or old, and shows the status of DASD. This field is mapped by DEBOFLGS in the DEB mapping. For information about DEBOFLGS, see z/OS DFSMSdfp Diagnosis.
SMFDEBOP	INT	1	Indicator showing both the method of I/O processing and the disposition that is to be performed when an end-of-volume (EOV) condition occurs. This field is mapped by DEBOPATB in the DEB mapping.
SMFDEBVL	INT	2	Volume sequence number. For direct access, the sequence number is relative to the first volume of the data set. For tape, the sequence number is relative to the first volume processed. This field is valid only for sequential data sets. This field is mapped by DEBVOLSQ in the DEB mapping.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.DCB_DEB.Space.DCB_DEB_Tape_Ext.<fieldname>

SMFDCBBL	INT	4	Block count for each volume. For PDSE data sets, this field will always contain X'0'. This field is mapped by DCBBLKCT in the DCB mapping.
SMFDSSNO	CHAR	6	Data set serial number. For PDSE data sets, this field will always contain X'0'. This field is mapped by UCBFSER in the UCB mapping.
zRV3	CHAR	1	(IBM name: SMF15RV3) Reserved.
zTDA	INT	1	(IBM name: SMF15TDA) Tape DS authorization flags.
zOPD	DATE	4	(IBM name: SMF15OPD) Date when the data set was opened, in the form 0ccyyddF.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.DCB_DEB.Space.DCB_DEB_DASD_Ext.<fieldname>

zNTU	INT	4	(IBM name: SMF15NTU) Relative track and record of the last user block in the form of TTR0, if a basic format data set. Relative track and record of the last user block in the form of TTTR, if a large format data set. For extended data sets, this field will accumulate the number of tracks used across all the volumes (TTTT).
zNTR	INT	4	(IBM name: SMF15NTR) Number of tracks released by the DADSM routine. For PDSE data sets, this field will always contain X'0'.
zNER	INT	1	(IBM name: SMF15NER) Number of extents released by the DADSM routine. For PDSE data sets, this field will always contain X'0'.
zEDI	INT	1	

			(IBM name: SMF15EDI) Enhanced Data Integrity (EDI) flag indicator. Bit Meaning when set 0 DATA set name found in EDI exclusion table. 1 DATA set being opened for output but is currently open for output. 2 DATA set being opened for input but is currently open for output and the data set is not excluded from EDI processing.. 3 APPLICATION requested EDI processing be bypassed and the data set is not excluded from EDI processing.. 4-7 Reserved.
zFG1	BIT	8	byte. Bit Meaning when set 0 LARGE format data set. zNTU is in TTRT format. 1 EAV BAM detected one or more EXCP or XDAP issuances-DEB2XEXCP flag is on. 2-7 Reserved.
zRV4	CHAR	1	(IBM name: SMF15RV4) Reserved.
zOPD	DATE	4	(IBM name: SMF15OPD) Date when the data set was opened, in the form 0ccyyddF.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.UCB.<fieldname>

SMFUCBDV	INT	2	Device number. If this field contains X'7FFF', this could be a virtual I/O (VIO) data set. If bit 7 0F field zRIN is set to one, this is a VIO data set. Virtual I/O devices are identified by the following: Device Class 0 UNIT Type 0 DEVICE Number X'7FFF' It is important to understand the following: v Allocation messages for VIO data sets will show VIO ALLOCATED TO ddname. v SMF records will show VIO unit addresses as X'7FFF'. v The actual in-storage UCB built for VIO will show address X'3FFF'. For example, the following messages indicate that ddname is not allocated to a Virtual I/O device, but is instead allocated to a real device whose unit address is X'3FFF' or X'7FFF' respectively: v IEF237I X'3FFF' ALLOCATED TO ddname v IEF237I X'7FFF' ALLOCATED TO ddname
SMFSRTEV	CHAR	6	Volume serial number.
SMFUCBTY	INT	4	Unit type. This field is mapped by UCBTYP in the UCB mapping.
SMFSRTEs	INT	1	DASD volume status indicator. This field indicates whether this DASD volume is a private, public, storage, or control volume. For PDSE data sets, this field will always contain X'0'. This field is mapped by UCBSTAB in the UCB mapping.
zNEX	INT	1	(IBM name: SMF15NEX) Number of extents.
zRV5	CHAR	2	(IBM name: SMF15RV5) Reserved.
SMFEXCP	INT	4	EXCP count for entire step. Note that if a data set is opened and closed twice during a single step, the count in the second type 14 RECORD is the sum of all EXCPs for both uses of the data set. (The EXCP count in the last type 14 RECORD for the step is equal to the corresponding entry for the data set in record type 4). For more information about EXCP count. For PDSE data sets, the number of pages that were read or written. For compressed data sets the number of physical blocks that were read or written.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.UCB.Space.SMF014_UCB_TapeExt.<fieldname>

SMFSRTEF	INT	2	Data set sequence count.
SMFSRTEQ	INT	2	Data set sequence number.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.UCB.Space.SMF014_UCB_DASDExt.<fieldname>

zNTA	INT	4	Number of tracks allocated on the device. For PDSE data sets, this field will always contain X'0'.
------	-----	---	--

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.HiperBatch.<fieldname>

SMFIOREQ	INT	4	(IBM name: SMF15NUC) Number of requests for I/O issued by the access method for this data set for which Hiperbatch attempted to find the requested data in its buffers (see SMFCHITS and SMFPHIOS).
SMFCHITS	INT	4	Number of requests for I/O issued by the access method for this data set satisfied by moving data from Hiperbatch buffers.

SMFNMWTS	INT	4	Number of times Hiperbatch temporarily suspended this requester because another user was already reading some or all of the requested data.
SMFPHIOS	INT	4	Number of requests for I/O issued by the access method for this data set satisfied by performing DASD I/O. Note that the sum of SMFPHIOS and SMFCHITS should equal SMFIOREQ.
SMFCIOS	INT	4	Number of DASD I/Os (as recorded in SMFPHIOS) for which Hiperbatch copied the data into its buffers.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.ISAM_Extension.<fieldname>			
zRV6	CHAR	2	(IBM name: SMF15RV6) Reserved.
SMFDCBMA	INT	1	Extension of I/O macro instruction (DCBMACRF) for ISAM. This field is mapped by DCBMACCT in the DCB mapping.
SMFDCBNL	INT	1	Number of index levels. This field is mapped by DCBNLVET in the DCB mapping.
SMFDCBR3	INT	4	For each use of the data set, number of read or write accesses to an overflow record which is not first in a chain of such records. This field is mapped by DCBRORG3 in the DCB mapping.
SMFDCBNR	INT	4	Number of logical records in prime data area. This field is mapped by DCBNRECT in the DCB mapping.
SMFDCBR2	INT	2	Number of tracks (whole or partial remaining in overflow area). This field is mapped by DCBRORG2 in the DCB mapping.
SMFDCBNO	INT	2	Number of logical records in overflow area. This field is mapped by DCBNOREC in the DCB mapping.
SMFDCBR1	INT	2	Number of cylinder overflow areas that are full. This field is mapped by DCBRORG1 in the DCB mapping.
zRV7	CHAR	1	(IBM name: SMF15RV7) Reserved.
SMFDEBNI	INT	1	Number of extents in independent index area. This field is mapped by DEBNIEEQ in the DEB mapping.
SMFDEBNP	INT	1	Number of extents in prime data area. This field is mapped by DEBNPEEQ in the DEB mapping.
SMFDEBNO	INT	1	Number of extents in independent overflow area. This field is mapped by DEBNOEEQ in the DEB mapping.
SMFNPCYL	INT	2	Number of cylinders in independent index area.
SMFNPCYL	INT	2	Number of cylinders in prime data area.
SMFNOCYL	INT	2	Number of cylinders in independent overflow area.

SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN.Ext_Info_Seg_Desc.<fieldname>			
zSXS	INT	2	(IBM name: SMF15SXS) Size of extended information segment (size of all sections including this length field).

Secondary segment: SMF015#1_Companded_format_Dataset

Field Name	Type	Len	Description
SMF015#1_Companded_format_Dataset.<fieldname>			
zESL1	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5

			ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
SMF015#1_Compressed_format_Dataset.zXF1.<fieldname>			
zLBD	BIT	1	Compressed format data set size values (SMF14CDS and SMF14UDS) are invalid.
zCRJ	BIT	1	Compression of the data set has been rejected.
zZEDCNAC	BIT	1	During output processing, the system determined that the zEDC feature was not available. In this case, some or all data was written non-compressed due to unavailability of the zEDC feature. (If 0, then zEDC used on all compression.) Valid only when SMF14CMPTYPE is SMF14CMPTYPEZEDC.
zZEDCNAD	BIT	1	During input processing, the system determined that the zEDC feature was not available. In this case, it used software decompression to decompress the data. (If 0, then zEDC used on decompression.) Valid only when SMF14CMPTYPE is SMF14CMPTYPEZEDC.
SMF015#1_Compressed_format_Dataset.<fieldname>			
zXF2	HEX	1	(IBM name: SMF15XF2) Indicators: Bit Meaning when set 0-7 Reserved.
zCDL	INT	8	(IBM name: SMF15CDL) Number of bytes of compressed data read or written since this open.
zUDL	INT	8	(IBM name: SMF15UDL) Number of bytes of data read or written since this open (data length prior to compression).
zCDS	INT	8	(IBM name: SMF15CDS) Size of the compressed format data set (number of compressed user data bytes).
zUDS	INT	8	(IBM name: SMF15UDS) Size of the compressed format data set (number of uncompressed user data bytes).
zCIS	INT	4	(IBM name: SMF15CIS) Physical block size of extended format data set.
zTKL	INT	2	(IBM name: SMF15TKL) Length of dictionary token, SMF14TKN field (not including the length of this field). Currently equals 36.
zTKN	HEX	36	(IBM name: SMF15TKN) Dictionary token for compressed format data set.
zCMPTYPE	INT	1	(IBM name: SMF15CMPTYPE) Indicators: Value Name and meaning when set 0 SMF14CMPTYPEPENA. Not compressed format, or unknown. 1 SMF14CMPTYPEGEN. Generic compression. 2 MF14CMPTYPETLRD. Tailored compression. 3 SMF14CMPTYPEZEDC. zEDC compression.

Secondary segment: **SMF015#2_SMS_Class**

Field Name	Type	Len	Description
SMF015#2_SMS_Class.<fieldname>			
zESL2	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

zMCN	CHAR	8	(IBM name: SMF15MCN) SMS Management class name.
zDCN	CHAR	8	(IBM name: SMF15DCN) SMS Data class name.
zSCN	CHAR	8	(IBM name: SMF15SCN) SMS Storage class name (first 8 CHARACTERS).

Secondary segment: SMF015#3_Step_Info

Field Name	Type	Len	Description
<i>SMF015#3_Step_Info.<fieldname></i>			
zESL3	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
zSPN	CHAR	8	(IBM name: SMF15SPN) Job step name.
zPGN	CHAR	8	(IBM name: SMF15PGN) Job step program name.
SMFJOBID	CHAR	8	Job ID.
SMFPLXID	CHAR	8	Sysplex name.

Secondary segment: SMF015#4_ISO_ANSI_V4_CCSID_Info

Field Name	Type	Len	Description
<i>SMF015#4_ISO_ANSI_V4_CCSID_Info.<fieldname></i>			
zESL4	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
<i>SMF015#4_ISO_ANSI_V4_CCSID_Info.zCFG.<fieldname></i>			
zIBM	BIT	1	IBM format Version 4 tape
zOUT	BIT	1	Opened for OUTPUT not DISP=MOD
zMOD	BIT	1	Opened for OUTPUT DISP=MOD
zUDF	BIT	1	User CCSID value is defaulted to CCSID=500
zTDF	BIT	1	Tape CCSID value is defaulted to CCSID=367
zIGN	BIT	1	CCSID value specified on DD statement was ignored
<i>SMF015#4_ISO_ANSI_V4_CCSID_Info.<fieldname></i>			

zUSR	INT	4	(IBM name: SMF15USR) CCSID user application expects data records to be in (specified on JOB/EXEC statement or defaulted).
zTPE	INT	4	(IBM name: SMF15TPE) CCSID of data records on tape (specified on DD statement or in tape label).
zLBL	INT	4	(IBM name: SMF15LBL) CCSID specified in the tape label of an existing tape when opened for input processing. Note: 1. If opened for input processing, then bit 1 AND 2 WILL both be off. 2. If no CCSID information is specified (in other words SMF14USR and SMF14TPE are 0), then the IBM standard ASCII/EBCDIC (XLATE) was used to process this Version 4 TAPE.

Secondary segment: SMF015#5_Additional_Dataset_Char

Field Name	Type	Len	Description
<i>SMF015#5_Additional_Dataset_Char.<fieldname></i>			
zESL5	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

<i>SMF015#5_Additional_Dataset_Char.zBFG0.<fieldname></i>			
zBLK	BIT	1	Block size is present in zLBS
zFLGP	BIT	1	Flag field is present in zFLG1/2
zDST	BIT	1	Dataset version is present in zDSVER
zALS	BIT	1	Alias name is present in zALI

<i>SMF015#5_Additional_Dataset_Char.<fieldname></i>			
zBFG1	HEX	1	(IBM name: SMF15BFG1) Flag byte 2.
zLBS	INT	8	(IBM name: SMF15LBS) Block size value.

<i>SMF015#5_Additional_Dataset_Char.zBFG0.zFLG1.<fieldname></i>			
zUPF	BIT	1	BSAM user PGFIX option flag (DEB2XUPF)
zEADSCB1	BIT	1	DCBEADSCBOK flag (If on, then EADSCB=OK specified in DCBE. If off, then either there is no DCBE or EADSCB=OK is not specified in the DCBE)
zEADSCB2	BIT	1	DCBEADSCBOK flag (If on, then EADSCB=OK specified in DCBE. If off, then either there is no DCBE or EADSCB=OK is not specified in the DCBE)
zXTIO	BIT	1	DD has XTIO, not TIOT entry
zDSENCRYPTOK	BIT	1	If on, the application program is enabled for basic and large format data set encryption with EXCP. The application coded DSENCRYPT=OK on the DCBE macro.

<i>SMF015#5_Additional_Dataset_Char.zBFG0.<fieldname></i>			
zFLG2	HEX	1	(IBM name: SMF15FLG2) Flag byte 2.

zDSVER	HEX	1	(IBM name: SMF15DSVER) Indicates the version of the data set or, in the case of a partitioned concatenation, the first data set in the concatenation, as follows: Value Meaning m'00' The data set is neither a PDSE nor an extended-format data set. X'01' The data set is either a PDSE V1 or an extended-format V1. X'02' The data set is either a PDSE V2 or an extended-format V2.
zALI	CHAR	44	(IBM name: SMF15ALI) Alias data set name.

Secondary segment: SMF015#6_PDSE_Statistics

Field Name	Type	Len	Description
<i>SMF015#6_PDSE_Statistics.<fieldname></i>			
zESL6	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section
zDRD	INT	4	(IBM name: SMF15DRD) Directory read request count.
zDRDH	INT	4	(IBM name: SMF15DRDH) Directory read hit count.
zMRD	INT	4	(IBM name: SMF15MRD) Member read request count.
zMRDH	INT	4	(IBM name: SMF15MRDH) Member read hit count.
zMCE	INT	4	(IBM name: SMF15MCE) Member cache eligible count.
zMST	INT	4	(IBM name: SMF15MST) Member cache stolen count.
zMNC	INT	4	(IBM name: SMF15MNC) Member cache eligible but not cached count.
zMCF	INT	4	(IBM name: SMF15MCF) Member cache eligible but cache full count. Note: If concatenation is involved, the counts reflect the total count for all concatenated PDSE data sets.

Secondary segment: SMF015#7_Tape_Encryption

Field Name	Type	Len	Description
<i>SMF015#7_Tape_Encryption.<fieldname></i>			
zESL7	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

zKL1	CHAR	64	(IBM name: SMF15KL1) Key label 1
SMF12CD1	CHAR	1	Encoding mechanism for key label 1. This field can be 'L' for Label or 'H' for Hash.
zKL2	CHAR	64	(IBM name: SMF15KL2) Key label 2
zCD2	CHAR	1	(IBM name: SMF15CD2) Encoding mechanism for key label 2. This field can be 'L' for Label or 'H' for Hash.
zKET	INT	4	(IBM name: SMF15KET) Key exchange time in hundredths seconds. The key exchange (encryption overhead) time is only applicable for SMF record type 15 AND only for non-parallel OPEN processing writing file sequence 1 FROM loadpoint. In all other cases, this field is set to zero.

Secondary segment: **SMF015#8_RAS**

Field Name	Type	Len	Description
SMF015#8_RAS.<fieldname>			
zESL8	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

SMF015#8_RAS.zRFG0.<fieldname>			
zDCBEREJ	BIT	1	DCBE reject flags present.
zPREL	BIT	1	PARTREL flags present.

SMF015#8_RAS.zRFG1.<fieldname>			
zRFG1DBYP	BIT	1	OPEN with DCBE BYPASS_AUTH=YES was specified to bypass authorization checking. When zRFG1JBYP is also ON, bypass authorization checking because JSCBPASS is in effect.
zRFG1JBYP	BIT	1	JSCBPASS was specified to bypass authorization checking.
zRFG1AUTH	BIT	1	The caller of OPEN was either in supervisor state, in a system key, or APF-authorized.
zRFG1BYP	BIT	1	OPEN bypassed SAF authority checking. Refer to zRFG1DBYP and zRFG1JBYP to determine the method that was used to request bypass of SAF authority checking.

SMF015#8_RAS.<fieldname>			
zRFG2	HEX	1	(IBM name: SMF15RFG2) Reserved
zRFG3	HEX	1	(IBM name: SMF15RFG3) Reserved

SMF015#8_RAS.zRASDATA0.<fieldname>			
zDCBEEXCP	BIT	1	DCBE invalidated because EXCP and no foundation extension present.
zDCBEDS0RG	BIT	1	DCBE invalidated because DSORG is not PS, PO OR DA.
zDCBEFREE	BIT	1	DCBE invalidated because storage is not addressable.

zDCBEKEY	BIT	1	DCBE invalidated because DCBE storage is not in key of caller.
zDCBEID	BIT	1	DCBE invalidated because the DCBEID is not 'DCBE'.
zDCBEMIN	BIT	1	DCBE invalidated because it is not at least the minimum length required (56 bytes)
zN0DCBE	BIT	1	DCBEHIARC flags set but DCBDCBE is zeros.

SMF015#8_RAS.zRASDATA1.<fieldname>

zPRELVIO	BIT	1	Partial release not called by CLOSE because VIO data set.
zPRELABD	BIT	1	Partial release not called by CLOSE because task is abending.
zPRELINP	BIT	1	Partial release not called by CLOSE because not opened for output
zPRELEXCP	BIT	1	Partial release not called by CLOSE because EXCP DCB but no direct access device section present.
zPRELNOUT	BIT	1	Partial release not called by CLOSE because even though opened for output, last I/O was not output.
zPRELIO	BIT	1	Partial release had an I/O error.

Secondary segment: SMF015#9_Dataset_Encryption

Field Name	Type	Len	Description
SMF015#9_Dataset_Encryption.<fieldname>			
zESL9	INT	2	(IBM name: N/A) Size of this extended information section (size of variable length fields including this 4 BYTE section descriptor word).
zSTY	INT	1	(IBM name: SMF15STY) Section type code. Type Meaning when set 1 COMPRESSED format data set section 2 SMS class information section 3 STEP Information section 4 ISO/ANSI Version 4 CCSID (coded character set ID) information section 5 ADDITIONAL data set characteristics section 6 PDSE data set caching statistics 7 TAPE encryption data section 8 RAS section 9 DASD data set encryption section

SMF015#9_Dataset_Encryption.zDEF.<fieldname>

zDSENC	BIT	1	Data set encrypted
zDSEB	BIT	1	User requested access method to bypass decryption on reads and the system honored the request
zDSENCNP	BIT	1	Blocks do not have prefixes. Set only for basic and large format.

SMF015#9_Dataset_Encryption.<fieldname>

zDET	INT	2	(IBM name: SMF15DET) Encryption type
zDKL	CHAR	64	(IBM name: SMF15DKL) DASD data set key labels

Record Type 16 - DFSORT

SMF Record 16 (DFSORT) is mapped by structure member "T016".

Primary Segment:

- SMF016_DFSORT

Secondary Segment(s): 6 (in alphabetical order)

- SMF016_Data_Section
- SMF016_OUTFIL_Dataset
- SMF016_Product_Section
- SMF016_Record_Length
- SMF016_SORTIN_Dataset
- SMF016_SORTOUT_Dataset

Primary segment: SMF016_DFSORT

Field Name	Type	Len	Description
<i>SMF016_DFSORT.<fieldname></i>			
SMF016_DFSORT.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator.
zRTY	INT	1	(IBM name: N/A) Record type 16 (x'10').
zTME	TSTMP	8	(IBM name: N/A) Time when record was moved to SMF buffer.
zSID	CHAR	4	(IBM name: ICESID) System identification (taken from SID parameter).
zJOBNAME	CHAR	8	(IBM name: ICEJOBNM) Job name.
zRST	TSTMP	8	(IBM name: ICERST) Time reader recognized job card.
zUIF	CHAR	8	(IBM name: ICEUIF) Installation dependent information.
zSTN	INT	1	(IBM name: ICESTN) Step number.
zTRN	INT	2	(IBM name: ICETRN) Number of triplets supported by DFSORT.
zSUBID	CHAR	4	(IBM name: ICESUBID) Subsystem identification.
zRSUB	INT	2	(IBM name: ICERSUB) Record subtype: v 1: Short record, successful execution. v 2: Full record, successful execution. v 3: Short record, unsuccessful execution.
zPROD	INT	4	(IBM name: ICEPROD) Offset to product section.
zPRODL	INT	2	(IBM name: ICEPRODL) Product section length.
zPRODN	INT	2	(IBM name: ICEPRODN) Number of product sections. This field will be zero if no product section is provided.
zDATA	INT	4	(IBM name: ICEDATA) Offset to common data section.
zDATAL	INT	2	(IBM name: ICEDATAL) Common data section length.
zDATAN	INT	2	(IBM name: ICEDATAN) Number of data sections. This field will be zero if no data section is provided.

zSTAT	INT	4	(IBM name: ICESTAT) Offset to record-length distribution section.
zSTATL	INT	2	(IBM name: ICESTATL) Record-length distribution section length.
zSTATN	INT	2	(IBM name: ICESTATN) Number of record-length distribution sections. This field will be zero if no record-length distribution section is provided.
zINDS	INT	4	(IBM name: ICEINDS) Offset to first input data set section.
zINDSL	INT	2	(IBM name: ICEINDSL) Input data set section length.
zINDSN	INT	2	(IBM name: ICEINDSN) Number of input data set sections. This field will be zero if no input data set sections are provided.
zOTDS	INT	4	(IBM name: ICEOTDS) Offset to SORTOUT data set section.
zOTDSL	INT	2	(IBM name: ICEOTDSL) SORTOUT data set section length.
zOTDSN	INT	2	(IBM name: ICEOTDSN) Number of SORTOUT data set sections. This field will be zero if no SORTOUT data set section is provided.
zOFDS	INT	4	(IBM name: ICEOFDS) Offset to first OUTFIL data set section.
zOFDSL	INT	2	(IBM name: ICEOFDSL) OUTFIL data set section length.
zOFDSN	INT	2	(IBM name: ICEOFDSN) Number of OUTFIL data set sections. This field will be zero if no OUTFIL data set sections are provided.
zSPGN	INT	2	(IBM name: ICESPGN) Performance group. This information is collected from OUCB field OUCBSPG.
zUSER	CHAR	8	(IBM name: ICEUSER) User ID for which the job or session is being executed. This field is provided only when RACF is active.
zGROUP	CHAR	8	(IBM name: ICEGROUP) Group ID for which the job or session is being executed. This field is provided only when RACF is active.

Secondary segment: SMF016_Product_Section

Field Name	Type	Len	Description
<i>SMF016_Product_Section.<fieldname></i>			
zRECV	CHAR	2	(IBM name: ICERECV) Record version: '01'
zPRDCT	CHAR	8	(IBM name: ICEPRDCT) Product name: '5650ZOS '
zRELMN	CHAR	4	(IBM name: ICERELNM) DFSORT release level, such as '2.03'.

Secondary segment: SMF016_Data_Section

Field Name	Type	Len	Description
<i>SMF016_Data_Section.<fieldname></i>			

zSTPNM	CHAR	8	(IBM name: ICESTPNM) Step name. blank if no step name.
zRCDS5	INT	4	(IBM name: ICERCDS5) Number of records sorted. A 64-bit integer version of this field is defined as zEXRCS.
zBYTES5	INT	4	(IBM name: ICEBYTES5) Number of bytes sorted. A 64-bit integer version of this field is defined as zEXBYS.
zCPUT5	FIXED	4 (10,2)	(IBM name: ICECPUT5) Processor time (TCB time), in hundredths of a second.
zLEN	INT	2	(IBM name: ICELEN) Specified record length.
zIBLK	INT	2	(IBM name: ICEIBLK) Maximum input block size or control interval size (15-bit). A 31-bit version of this field is defined as zIBLKF.
zOBLK	INT	2	(IBM name: ICEOBLK) Maximum output block size or control interval size (15-bit). A 31-bit version of this field is defined as zOBLKF.
zKEYLN	INT	2	(IBM name: ICEKEYLN) Total control field length (number of bytes actually compared by DFSORT).
zWBLK5	INT	4	(IBM name: ICEWBLK5) Number of work data set tracks used.

SMF016_Data_Section.zFLBYT.<fieldname>

zRFMT	BINT (ENUM)	2	(IBM name: N/A) Record Format. F => Fixed-length records, V => Variable-length records, VS => Variable-length spanned records.
zTECH	BINT (ENUM)	2	BLCK => Blockset technique, PEER => Peerage technique, VALE => Vale technique, CONV => Conventional technique.
zPROG	BIT	1	DFSORT was invoked through a program.
zMEM	BIT	1	Sorting was completed in memory (work space was not needed).

SMF016_Data_Section.<fieldname>

zNDYNA	INT	1	(IBM name: ICENDYNA) Number of allocated work data sets.
--------	-----	---	---

SMF016_Data_Section.zFLBY2.<fieldname>

zSORT	BIT	1	A sort was specified.
zMERGE	BIT	1	A merge was specified.
zCOPY	BIT	1	A copy was specified.
zTOOL	BIT	1	DFSORT was called by zTOOL.
zAPF	BIT	1	DFSORT running APF authorized.
zMOBJ	BIT	1	Memory objects used as work storage.
zJKS1	BIT	1	Invoked by JOINKEYS Subtask 1.
zJKS2	BIT	1	Invoked by JOINKEYS Subtask 2.

SMF016_Data_Section.zIOTYP.<fieldname>

zE15	BIT	1	E15 exit was used.
zE32	BIT	1	E32 exit was used.
zE35	BIT	1	E35 exit was used.
zSIN	BIT	1	SORTIN data sets were used.
zSINN	BIT	1	SORTINnn data sets were used.
zSOUT	BIT	1	SORTOUT data set was used.

zOUTF	BIT	1	OUTFIL data sets were used.
-------	-----	---	-----------------------------

SMF016_Data_Section.zCSFLG.<fieldname>

zALTS	BIT	1	ALTSEQ was specified.
zIREC	BIT	1	INREC was specified.
zINCL	BIT	1	INCLUDE was specified.
zOMIT	BIT	1	OMIT was specified.
zOREC	BIT	1	OUTREC was specified.
zSUM	BIT	1	SUM was specified.
zOFIL	BIT	1	OUTFIL was specified.
zJOIN	BIT	1	JOINKEYS Main task was specified.

SMF016_Data_Section.<fieldname>

zTIMES	TSTMP	8	(IBM name: ICETIMES) Time DFSORT started processing (local time).
zTIMEE	TSTMP	8	(IBM name: ICETIMEE) Time DFSORT terminated processing (local time).

SMF016_Data_Section.zRCBYT.<fieldname>

zSABD	BIT	1	System abend detected.
zUABD	BIT	1	User abend detected.
zUABR	BIT	1	User requested ABEND issued by DFSORT.
zRC16	BIT	1	RC=16 returned to caller.
zRC20	BIT	1	RC=20 returned to caller.

SMF016_Data_Section.<fieldname>

zRC	INT	1	(IBM name: ICERC) Return code of DFSORT to its invoker. This field will contain X'FF' if a user-requested or system ABEND is issued.
zRESN	INT	2	(IBM name: N/A) Reason code. If zRC is not 0 or 4, then this field will contain the system or user ABEND code, or the number of the DFSORT message describing the reason for an unsuccessful execution.
zAVLR	INT	4	(IBM name: ICEAVLR) Average record length of sorted variable length records.
zDSA	INT	2	(IBM name: ICEDSA) DSA value in effect (in megabytes).

SMF016_Data_Section.zFLBY3.<fieldname>

zHIPER	BIT	1	Hipersorting was used.
zDSPAC	BIT	1	Data space was used.
zWRKDS	BIT	1	Work data sets were used.
zLOCSM	BIT	1	Locale processing was used for a SORT or MERGE control field.
zLOCIO	BIT	1	Locale processing was used for an INCLUDE or OMIT compare field.
zEQUAL	BIT	1	EQUALS was used for a sort or merge application.
zBLK31	BIT	1	31-bit block size fields are available.
zMEMOB	BIT	1	A memory object was used.

SMF016_Data_Section.zWKFLG.<fieldname>

zWRKTD	BIT	1	Work data set tracks were allocated dynamically.
--------	-----	---	--

zWRKCF	BIT	1	Cache fast write was used for one or more work data sets.
--------	-----	---	---

SMF016_Data_Section.<fieldname>

zWEXS	INT	2	(IBM name: ICEWEXS) Number of extents initially allocated for all work data sets.
zWEXE	INT	2	(IBM name: ICEWEXE) Number of extents allocated for all work data sets when sorting terminated.
zWALLS	INT	4	(IBM name: ICEWALLS) Number of tracks initially allocated for work data sets.
zWALLE	INT	4	(IBM name: ICEWALLE) Number of tracks allocated to work data sets when sorting terminated.

SMF016_Data_Section.zFLBY4.<fieldname>

zSMUNI	BIT	1	SORT or MERGE control field was specified with a Unicode data format.
--------	-----	---	---

SMF016_Data_Section.zIAMB.<fieldname>

zSIAM	BINT (ENUM)	3	(IBM name: ICEIAMB) SORTIN access method.
-------	----------------	---	--

SMF016_Data_Section.<fieldname>

zINIO	INT	4	(IBM name: ICEINIO) Number of calls to the access method used for SORTIN. A 64-bit integer version of this field is defined as zEXINN.
-------	-----	---	---

SMF016_Data_Section.zOAMB.<fieldname>

zSOAM	BINT (ENUM)	3	(IBM name: ICEOAMB) SORTOUT access method.
-------	----------------	---	---

SMF016_Data_Section.<fieldname>

zOUTIO	INT	4	(IBM name: ICEOUTIO) Number of calls to the access method used for SORTOUT. A 64-bit version of this field is defined as zEXOUT.
zIBLKF	INT	4	(IBM name: ICEIBLKF) Maximum input block size or control interval size (31-bit). A 15-bit version of this field is defined as zIBLK.
zWKIO	INT	4	(IBM name: ICEWKIO) Number of EXCPs for all work data sets.
zSRBTS	INT	4	(IBM name: ICESRBTS) Cumulative value of the SRB time for the region when DFSORT started processing, in hundredths of a second.
zSRBTE	INT	4	(IBM name: ICESRBTE) Cumulative value of the SRB time charged to the address space when DFSORT terminated processing. This field is obtained from the ASCBSRBT field in the ASCB control block. The difference between this value and the zSRBTS value will be the SRB time charged to this DFSORT application, provided there is no other activity in the address space.
zTCBS	INT	2	(IBM name: ICETCBS) Number of TCBS defined in the region while DFSORT is processing. If the number is different at the end of processing from the number at the start of processing, this field will contain the larger number.
zKEYNM	INT	2	(IBM name: ICEKEYNM) Number of Sort or Merge control fields.
zHSPMX	INT	2	(IBM name: ICEHSPMX) HIPRMAX value in effect.
zDSPSZ	INT	2	(IBM name: ICEDSPSZ) DSPSIZE value in effect.
zEXRCS	INT	8	(IBM name: ICEEXRCS) Number of records sorted (64-bit integer). A 32-bit integer version of this field is defined as zRCDS.

zEXBYS	INT	8	(IBM name: ICEEXBYS) Number of bytes sorted (64-bit integer). A 32-bit integer version of this field is defined as zBYTES.
zEXINN	INT	8	(IBM name: ICEEXINN) Number of calls to the access method used for SORTIN (64-bit integer). A 32-bit integer version of this field is defined as zINIO.
zEXOUT	INT	8	(IBM name: ICEEXOUT) Number of calls to the access method used for SORTOUT (64-bit integer). A 32-bit integer version of this field is defined as zOUTIO.
zHSPN	INT	2	(IBM name: ICEHSPN) Number of Hiperspaces created.
zHSPU	INT	4	(IBM name: ICEHSPU) Number of Hiperspace pages used.
zDSPN	INT	2	(IBM name: ICEDSPN) Number of data spaces created.
zDSPU	INT	4	(IBM name: ICEDSPU) Number of data space pages used.
zPRCNM	CHAR	8	(IBM name: ICEPRCNM) Proc step name. Blank if no proc step name.
zIDSNM	CHAR	44	(IBM name: ICEIDSNM) SORTIN data set name.
zIVOLS	CHAR	6	(IBM name: ICEIVOLS) SORTIN volume serial.
zODSNM	CHAR	44	(IBM name: ICEODSNM) SORTOUT data set name.
zOVOLS	CHAR	6	(IBM name: ICEOVOLS) SORTOUT volume serial.
zINPDS	INT	2	(IBM name: ICEINPDS) Number of SORTIN data sets, including concatenated data sets.
zINNDS	INT	2	(IBM name: ICEINNDS) Number of SORTINnn data sets.
zOUTDS	INT	2	(IBM name: ICEOUTDS) Number of SORTOUT data sets.
zOFLDS	INT	2	(IBM name: ICEOFLDS) Number of OUTFIL data sets.
zRCINP	INT	8	(IBM name: ICERCINP) Number of input records (64-bit integer).
zRCOUT	INT	8	(IBM name: ICERCOUT) Number of output records (64-bit integer).
zRCINS	INT	8	(IBM name: ICERCINS) Number of inserted records (64-bit integer).
zRCDEL	INT	8	(IBM name: ICERCDEL) Number of deleted records (64-bit integer).
zMD15N	CHAR	8	(IBM name: ICEMD15N) Routine name specified for MODS E15 exit.
zMD15M	INT	4	(IBM name: ICEMD15M) Storage specified for MODS E15 exit.
zMD15S	CHAR	8	(IBM name: ICEMD15S) Library ddname specified for MODS E15 exit.
zMD15E	CHAR	1	(IBM name: ICEMD15E) Requirements specified for MODS E15 exit.
zMD35N	CHAR	8	(IBM name: ICEMD35N) Routine name specified for MODS E35 exit.
zMD35M	INT	4	(IBM name: ICEMD35M) Storage specified for MODS E35 exit.
zMD35S	CHAR	8	(IBM name: ICEMD35S) Library ddname specified for MODS E35 exit.

zMD35E	CHAR	1	(IBM name: ICEMD35E) Requirements specified for MODS E35 exit.
zLCALE	CHAR	32	(IBM name: ICELCALE) Active locale name or NONE.
zESMAX	INT	4	(IBM name: ICEESMAX) EXPMAX value in effect.
zESOLD	INT	4	(IBM name: ICEESOLD) EXPOLD value in effect.
zESRES	INT	4	(IBM name: ICEESRES) EXPRES value in effect.
zOBLKF	INT	4	(IBM name: ICEOBLKF) Maximum output block size of control interval size (31-bit). A 15-bit version of this field is defined as zOBLK.
zFILSZ	INT	8	(IBM name: ICEFILSZ) Value specified for FILSZ/SIZE (64-bit integer).
zAVGRL	INT	4	(IBM name: ICEAVGRL) Value specified for AVGRLEN.

SMF016_Data_Section.zFSZFL.<fieldname>

zSFSZFL	BINT (ENUM)	4	(IBM name: ICEFSZFL) FILSZ/SIZE value units. FILSZ/SIZE value is specified as n, En, Un or is not specified and file size could not be determined.
---------	----------------	---	---

SMF016_Data_Section.<fieldname>

zMOSIZ	INT	4	(IBM name: ICEMOSIZ) MOSIZE value in effect.
zMON	INT	2	(IBM name: ICEMON) Number of memory objects allocated.
zMOUSE	INT	8	(IBM name: ICEMOUSE) Number of megabytes used for memory objects (64-bit integer).
zMNVLX	INT	4	(IBM name: ICEMNVLX) The main storage value specified in kilobytes (subject to the SIZE/MAINSIZE limit), or supplied by default.
zMNVLY	INT	4	(IBM name: ICEMNVLY) The main storage theoretically available to DFSORT in kilobytes, considering the MINLIM value specified when the program was installed.
zMNVLZ	INT	4	(IBM name: ICEMNVLZ) The main storage actually available to DFSORT in kilobytes, after any other program took what it needed from the region (invoking program or exit routines).

SMF016_Data_Section.zMNFLG.<fieldname>

zSZMAX	BIT	1	SIZE=MAX in effect.
--------	-----	---	---------------------

SMF016_Data_Section.<fieldname>

zINMRG	INT	2	(IBM name: ICEINMRG) Number of intermediate merges performed for a Sort application. This field is zero if no intermediate merges were required to complete the Sort application. This field is always zero for a Copy or Merge application.
zCPUZE	INT	4	(IBM name: ICECPUZE) Subset of the processor time reported in field zCPUT that was eligible to be dispatched on a zIIP, in hundredths of a second.
zCPUZP	INT	4	(IBM name: ICECPUZP) Subset of the processor time reported in field zCPUZE that was actually dispatched on a zIIP, in hundredths of a second.
zTUNE	INT (ENUM)	1	(IBM name: ICETUNE) TUNE value in effect.
zDYINC	INT	4	(IBM name: ICEDYINC) Initial increment dynamically calculated for Hiperspace or Memory Object

			work files.
zDYMAX	INT	4	(IBM name: ICEDYMAX) Final EXPMAX value dynamically calculated.
zDYOLD	INT	4	(IBM name: ICEDYOLD) Final EXPOLD value dynamically calculated.
zDYRES	INT	4	(IBM name: ICEDYRES) Final EXPRES value dynamically calculated.
zCOLLK	CHAR	64	(IBM name: ICECOLLK) Active COLLKEY Value.

Secondary segment: SMF016_Record_Length

Field Name	Type	Len	Description
<i>SMF016_Record_Length.<fieldname></i>			
zCTR01	INT	4	(IBM name: ICECTR01) Records with length 5-15.
zCTR02	INT	4	(IBM name: ICECTR02) Records with length 16-31.
zCTR03	INT	4	(IBM name: ICECTR03) Records with length 32-63.
zCTR04	INT	4	(IBM name: ICECTR04) Records with length 64-127.
zCTR05	INT	4	(IBM name: ICECTR05) Records with lengths 128-191.
zCTR06	INT	4	(IBM name: ICECTR06) Records with lengths 192-255.
zCTR07	INT	4	(IBM name: ICECTR07) Records with lengths 256-511.
zCTR08	INT	4	(IBM name: ICECTR08) Records with lengths 512-1023.
zCTR09	INT	4	(IBM name: ICECTR09) Records with lengths 1024-2047.
zCTR10	INT	4	(IBM name: ICECTR10) Records with lengths 2048-4095.
zCTR11	INT	4	(IBM name: ICECTR11) Records with lengths 4096-7167.
zCTR12	INT	4	(IBM name: ICECTR12) Records with lengths 7168-10751.
zCTR13	INT	4	(IBM name: ICECTR13) Records with lengths 10752-15359.
zCTR14	INT	4	(IBM name: ICECTR14) Records with lengths 15360-20991.
zCTR15	INT	4	(IBM name: ICECTR15) Records with lengths 20992-26623.
zCTR16	INT	4	(IBM name: ICECTR16) Records with lengths 26624-32756.

Secondary segment: SMF016_SORTIN_Dataset

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF016_SORTIN_Dataset.<fieldname>			
SMF016_SORTIN_Dataset.zINFL1.<fieldname>			
zINDD	BINT (ENUM)	2	(IBM name: ICEINFL1) SORTIN dataset DD type.

SMF016_SORTIN_Dataset.zINFL2.<fieldname>			
zPIPE	BIT	1	Pipe data set.
zSTRIPE	BIT	1	Striped data set.
zCOMP	BIT	1	Compressed data set.
zVSAMEA	BIT	1	VSAM extended addressability data set.
zHFS	BIT	1	HFS file.

SMF016_SORTIN_Dataset.zINAMB.<fieldname>			
zINAM	BINT (ENUM)	3	(IBM name: ICEINAMB) SORTIN dataset access method.

SMF016_SORTIN_Dataset.zINTYP.<fieldname>			
zINDEV	BINT (ENUM)	3	(IBM name: ICEINTYP) SORTIN dataset physical device type. TAPE => Tape data set, DISK => Disk data set, OTHER => Spool, dummy or pipe data set, or HFS file.

SMF016_SORTIN_Dataset.<fieldname>			
zINRCF	INT (ENUM)	1	(IBM name: ICEINRCF) Record Format. 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format). 'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format). 'VBS' => Variable length (blocked, spanned). 'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format).

			'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).
zINRS1	CHAR	3	(IBM name: ICEINRS1) Reserved.
zINBYT	INT	8	(IBM name: ICEINBYT) Number of bytes read from data set (64-bit integer).
zINAMC	INT	8	(IBM name: ICEINAMC) Number of calls to access method for data set (64-bit integer).
zINRS2	CHAR	2	(IBM name: ICEINRS2) Reserved.
zINLRL	INT	2	(IBM name: ICEINLRL) Logical record length (LRECL).
zINRS3	CHAR	2	(IBM name: ICEINRS3) Reserved.
zINBKZ	INT	2	(IBM name: ICEINBKZ) Block size or control interval size (15-bit). A 31-bit version of this field is defined as zINBKF.
zINDDN	CHAR	8	(IBM name: ICEINDDN) Data set ddname.
zINNAM	CHAR	44	(IBM name: ICEINNAM) Data set name.
zINVOL	CHAR	6	(IBM name: ICEINVOL) First volume serial.
zINRS4	CHAR	2	(IBM name: ICEINRS4) Reserved.
zINBKF	INT	4	(IBM name: ICEINBKF) Block size or control interval size (31-bit). A 15-bit version of this field is defined as zINBKZ.

Secondary segment: **SMF016_SORTOUT_Dataset**

Field Name	Type	Len	Description
<i>SMF016_SORTOUT_Dataset.<fieldname></i>			
SMF016_SORTOUT_Dataset.zOTFL1.<fieldname>			
zPIPE	BIT	1	Pipe data set.
zSTRIPE	BIT	1	Striped data set.
zCOMP	BIT	1	Compressed data set.
zVSAMEA	BIT	1	VSAM extended addressability data set.
zHFS	BIT	1	HFS file.
SMF016_SORTOUT_Dataset.zOTAMB.<fieldname>			
zOTAM	BINT (ENUM)	3	(IBM name: ICEOTAMB) SORTOUT dataset access method.
SMF016_SORTOUT_Dataset.zOTTYP.<fieldname>			
zOTDEV	BINT (ENUM)	3	(IBM name: ICEOTTYP) SORTOUT dataset physical device type. TAPE => Tape data set, DISK => Disk data set, OTHER => Spool, dummy or pipe data set, or HFS file.
SMF016_SORTOUT_Dataset.<fieldname>			
zOTRCF		1	

	INT (ENUM)		(IBM name: ICEOTRCF) Record Format. 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format). 'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format). 'VBS' => Variable length (blocked, spanned). 'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format). 'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).
zOTRS1	CHAR	4	(IBM name: ICEOTRS1) Reserved.
zOTBYT	INT	8	(IBM name: ICEOTBYT) Number of bytes written to data set (64-bit integer).
zOTREC	INT	8	(IBM name: ICEOTREC) Number of records written to data set (64-bit integer).
zOTAMC	INT	8	(IBM name: ICEOTAMC) Number of calls to access method for data set (64-bit integer).
zOTRS2	CHAR	2	(IBM name: ICEOTRS2) Reserved.
zOTLRL	INT	2	(IBM name: ICEOTLRL) Logical record length (LRECL).
zOTRS3	CHAR	2	(IBM name: ICEOTRS3) Reserved.
zOTBKZ	INT	2	(IBM name: ICEOTBKZ) Block size or control interval size (15-bit). A 31-bit version of this field is defined as zOTBKF.
zOTDDN	CHAR	8	(IBM name: ICEOTDDN) Data set ddname.
zOTNAM	CHAR	44	(IBM name: ICEOTNAM) Data set name.

zOTVOL	CHAR	6	(IBM name: ICEOTVOL) First volume serial.
zOTRS4	CHAR	2	(IBM name: ICEOTRS4) Reserved.
zOTBKF	INT	4	(IBM name: ICEOTBKF) Block size or control interval size (31-bit). A 15-bit version of this field is defined as zOTBKZ.

Secondary segment: **SMF016_OUTFIL_Dataset**

Field Name	Type	Len	Description
<i>SMF016_OUTFIL_Dataset.<fieldname></i>			
SMF016_OUTFIL_Dataset.zOFFL1.<fieldname>			
zPIPE	BIT	1	Pipe data set.
zSTRIPE	BIT	1	Striped data set.
zCOMP	BIT	1	Compressed data set.
zVSAMEA	BIT	1	VSAM extended addressability data set.
zHFS	BIT	1	HFS file.

SMF016_OUTFIL_Dataset.zOFAMB.<fieldname>			
zOFAM	BINT (ENUM)	3	(IBM name: ICEOFAMB) OUTFIL dataset access method.

SMF016_OUTFIL_Dataset.zOFTYP.<fieldname>			
zOFDEV	BINT (ENUM)	3	(IBM name: ICEOFTYP) OUTFIL dataset physical device type. TAPE => Tape data set, DISK => Disk data set, OTHER => Spool, dummy or pipe data set, or HFS file.

SMF016_OUTFIL_Dataset.<fieldname>			
zOFRFC	INT (ENUM)	1	(IBM name: ICEOFRFC) Record Format. 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format). 'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format). 'VBS' => Variable length (blocked, spanned).

			'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format). 'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).
--	--	--	---

SMF016_OUTFIL_Dataset.zOFPRM.<fieldname>

zSTEND	BIT	1	OUTFIL STARTREC or ENDREC parameter specified.
zINC	BIT	1	OUTFIL INCLUDE, OMIT, or SAVE parameter specified.
zSPLIT	BIT	1	OUTFIL SPLIT parameter specified.
zOUTREC	BIT	1	OUTFIL OUTREC parameter specified.
zCONV	BIT	1	OUTFIL, VTOF, CONVERT, or FTOV parameter specified
zREPORT	BIT	1	OUTFIL REPORT parameter specified.
zVLFILL	BIT	1	OUTFIL VLFILL parameter specified.
zVLTRIM	BIT	1	OUTFIL VLTRIM parameter specified.

SMF016_OUTFIL_Dataset.zOFPR2.<fieldname>

zREMOVECC	BIT	1	OUTFIL REMOVECC parameter specified.
-----------	-----	---	--------------------------------------

SMF016_OUTFIL_Dataset.<fieldname>

zOFRS1	CHAR	2	(IBM name: ICEOFRS1) Reserved.
zOFBYT	INT	8	(IBM name: ICEOFBYT) Number of bytes written to data set (64-bit integer).
zOFREC	INT	8	(IBM name: ICEOFREC) Number of records written to data set (64-bit integer).
zOFAMC	INT	8	(IBM name: ICEOFAMC) Number of calls to access method for data set (64-bit integer).
zOFRS2	CHAR	2	(IBM name: ICEOFRS2) Reserved.
zOFLRL	INT	2	(IBM name: ICEOFLRL) Logical record length (LRECL).
zOFRS3	CHAR	2	(IBM name: ICEOFRS3) Reserved.
zOFBKZ	INT	2	(IBM name: ICEOFBKZ) Block size or control interval size (15-bit). A 31-bit version of this field is defined as zOFBKF.
zOFDDN	CHAR	8	(IBM name: ICEOFDDN) Data set ddname.
zOFNAM	CHAR	44	(IBM name: ICEOFNAM) Data set name.
zOFVOL	CHAR	6	(IBM name: ICEOFVOL) First volume serial.
zOFRS4	CHAR	2	(IBM name: ICEOFRS4) Reserved.
zOFBKF	INT	4	

		(IBM name: ICEOFBKF) Block size or control interval size (31-bit). A 15-bit version of this field is defined as zOFBKZ.
--	--	--

Record Type 17 - Scratch Dataset Status

SMF Record 17 (Scratch Dataset Status) is mapped by structure member "T017".

Primary Segment:

- SMF017_Scratch_Dataset_Status

Secondary Segment(s): 0

Primary segment: SMF017_Scratch_Dataset_Status

Field Name	Type	Len	Description
<i>SMF017_Scratch_Dataset_Status.<fieldname></i>			
SMF017_Scratch_Dataset_Status.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF17FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF17RTY) Record type 17 (X'11').
zTME	TSTMP	8	(IBM name: SMF17TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF17SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF17JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF17RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF17UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zRIN	CHAR	2	(IBM name: SMF17RIN) Reserved.
zDSN	CHAR	44	(IBM name: SMF17DSN) Data set name.
zRV1	CHAR	3	(IBM name: SMF17RV1) Reserved.
zNVols	INT	1	(IBM name: N/A) Number of volumes.
SMF017_Scratch_Dataset_Status.VolInfo.<fieldname>			
zRV2	CHAR	2	(IBM name: SMF17RV2) Reserved.
zVolser	CHAR	6	(IBM name: N/A) Volume serial number.

Record Type 18 - Rename NonVSAM Dataset Status

SMF Record 18 (Rename NonVSAM Dataset Status) is mapped by structure member "T018".

Primary Segment:

- [SMF018_Rename_NonVSAM_Dataset_Status](#)

Secondary Segment(s): 0

Primary segment: [SMF018_Rename_NonVSAM_Dataset_Status](#)

Field Name	Type	Len	Description
<i>SMF018_Rename_NonVSAM_Dataset_Status.<fieldname></i>			
SMF018_Rename_NonVSAM_Dataset_Status.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF18FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF18RTY) Record type 18 (X'12').
zTME	TSTMP	8	(IBM name: SMF18TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF18SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF18JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF18RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF18UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
SMF018_Rename_NonVSAM_Dataset_Status.Header_Self_Defining_Section.zIN1.<fieldname>			
Continuation	BIT	1	Continuation record indicator for a multi-volume data set rename request whereby the volume being processed by rename is not the first volume. This flag is set when the volume serial number in this record is one that had a volume sequence number of more than one and rename is processing each volume individually. Field name zCON.
SMF018_Rename_NonVSAM_Dataset_Status.Header_Self_Defining_Section.<fieldname>			
zIN2	INT	1	(IBM name: SMF18IN2) Record indicator byte 2.
zOldDSN	CHAR	44	(IBM name: N/A) Old data set name.
zNewDSN	CHAR	44	(IBM name: N/A) New data set name.
zRV1	CHAR	3	(IBM name: SMF18RV1) Reserved.
zNVols	INT	1	(IBM name: N/A) When rename is called one volume at a time, the value will be one for each SMF 18 RECORD. When rename is called with a list, the value will reflect the total number of volumes processed in the list that are recorded in one SMF 18 RECORD. This value designates the number of volume entries that follow.

SMF018_Rename_NonVSAM_Dataset_Status.VolInfo.<fieldname>			
zRV2	CHAR	2	(IBM name: SMF18RV2) Reserved.
zVolser	CHAR	6	(IBM name: N/A) Volume serial number.

Record Type 19 - Direct Access Volume

SMF Record 19 (Direct Access Volume) is mapped by structure member "T019".

Primary Segment:

- [SMF019_Direct_Access_Volume](#)

Secondary Segment(s): 0

Primary segment: [SMF019_Direct_Access_Volume](#)

Field Name	Type	Len	Description
<i>SMF019_Direct_Access_Volume.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF19FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF19RTY) Record type 19 (X'13').
zTME	TSTMP	8	(IBM name: SMF19TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF19SID) System identification (from the SID parameter).
zRV1	CHAR	2	(IBM name: SMF19RV1) Reserved.
zVOL	CHAR	6	(IBM name: SMF19VOL) Volume serial number.
zOID	CHAR	10	(IBM name: SMF19OID) Owner identification from the VTOC.
zDEV	INT	4	(IBM name: SMF19DEV) Device type.
zVTC	HEX	5	(IBM name: SMF19VTC) Volume table of contents (VTOC) address (format of CCHHR).

<i>SMF019_Direct_Access_Volume.zVTI.<fieldname></i>			
zF5Err	BIT	1	Format 5 data set control blocks (DSCB) missing or erroneous
zVtocNotRec1	BIT	1	VTOC does not begin on record 1
zF5Good	BIT	1	Accurate format 5 and 6 data set control blocks (DSCB). bit 0 set to zero
zVtocErr	BIT	1	Possible VTOC or VTOC index error
zVtocFix	BIT	1	VTOC error has been fixed. bit 0 set to zero.
zVtoclx	BIT	1	Indexed VTOC.

<i>SMF019_Direct_Access_Volume.<fieldname></i>			
zNDS	INT	2	(IBM name: SMF19NDS) Number of data set control blocks (DSCB) calculated as: number of DSCBs per track times number of tracks in VTOC.
zDSR	INT	2	(IBM name: SMF19DSR) Number of data set control blocks (DSCB) - format 0 DSCBS, that is, number of available DSCBs.
zNAT	INT	2	(IBM name: SMF19NAT) Number of unused alternate tracks.
zSPC	INT	2	(IBM name: SMF19SPC) Number of unallocated cylinders.
zLEX	INT	2	(IBM name: SMF19LEX) Number of cylinders in the largest unallocated extent.

zNUE	INT	2	(IBM name: SMF19NUE) Number of unallocated extents.
------	-----	---	--

SMF019_Direct_Access_Volume.zFL1.<fieldname>

zCYM	BIT	1	Returned data is for a volume that has CYL-managed space.
------	-----	---	---

SMF019_Direct_Access_Volume.<fieldname>

zFL2	INT	1	(IBM name: SMF19FL2) Reserved.
zCUU	INT	2	(IBM name: SMF19CUU) Device Number.
zIND	INT	2	(IBM name: SMF19IND) Module identification or drive number indicating physical identity of devices having moveable address plugs. This field is taken from bits 2-7 of sense byte 4 FOR these devices. (See the component descriptions of these devices for the meaning of sense byte 4.) Beginning of expanded SMF statistics
zRV3	CHAR	4	(IBM name: SMF19RV3) Reserved.
zSDS	INT	4	(IBM name: SMF19SDS) Number of DSCBs.
zSL0	INT	4	(IBM name: SMF19SL0) Number of format 0 DSCBs.
zRV4	CHAR	4	(IBM name: SMF19RV4) Reserved

SMF019_Direct_Access_Volume.zEVF.<fieldname>

zSUC	INT	4	(IBM name: SMF19SUC) Number of free cylinders.
zSUT	INT	4	(IBM name: SMF19SUT) Number of addl free tracks.
zSNC	INT	4	(IBM name: SMF19SNC) Number of free cylinders in largest free extent.
zSNT	INT	4	(IBM name: SMF19SNT) Number of addl free tracks in largest free extent.
zSNE	INT	4	(IBM name: SMF19SNE) Number of free extents.

SMF019_Direct_Access_Volume.zTMF.<fieldname>

zBUC	INT	4	(IBM name: SMF19BUC) Number of free cylinders.
zBUT	INT	4	(IBM name: SMF19BUT) Number of addl free tracks.
zBNC	INT	4	(IBM name: SMF19BNC) Number of free cylinders in largest free extent
zBNT	INT	4	(IBM name: SMF19BNT) Number of addl free tracks in largest free extent.
zBNE	INT	4	(IBM name: SMF19BNE) Number of free extents.

SMF019_Direct_Access_Volume.zVLI.<fieldname>

zTRK	INT	4	(IBM name: SMF19TRK) Total number of tracks on the volume
zTRM	INT	4	(IBM name: SMF19TRM) Total number of tracks in the track-managed space when SMF19CYM = '1'. Set to the value of SMF19TRK otherwise. When SMF19CYM = '1' this value is also the first track address where cylinder-managed space begins. End of expanded SMF statistics

Record Type 20 - Job Initiation

SMF Record 20 (Job Initiation) is mapped by structure member "T020".

Primary Segment:

- SMF020_Job_Initiation

Secondary Segment(s): 1

- SMF020_Relocate_Section

Primary segment: SMF020_Job_Initiation

Field Name	Type	Len	Description
<i>SMF020_Job_Initiation.<fieldname></i>			
SMF020_Job_Initiation.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF20FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF20RTY) Record type 20 (X'14').
zTME	TSTMP	8	(IBM name: SMF20TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF20SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF20JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF20RST) Date/Time that the reader recognized the JOB card (for this job).
zUserID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zRLO	INT	2	(IBM name: SMF20RLO) Offset to relocatable area. See z/OS Security Server RACF Macros and Interfaces for more information about relocatable areas for RACF-owned records.
zPGM	CHAR	20	(IBM name: SMF20PGM) Programmer's name.
zNAF	INT	1	(IBM name: SMF20NAF) Number of accounting fields.
SMF020_Job_Initiation.Header_Self_defining_Section.zACT.<fieldname>			
zACTL	INT	1	(IBM name: N/A) Accounting field length.
zACTN	XVCHAR	0 143	(IBM name: N/A) Accounting information.

Secondary segment: SMF020_Relocate_Section

Field Name	Type	Len	Description
<i>SMF020_Relocate_Section.<fieldname></i>			

zFLS	INT	2	(IBM name: SMF20FLS) Size of relocate section (including this field).
zGRP	CHAR	8	(IBM name: SMF20GRP) RACF Group ID. If RACF is not active, this field is set to zero.
zRUD	CHAR	8	(IBM name: SMF20RUD) RACF User ID. If RACF is not active, this field is set to zero.
zTID	CHAR	8	(IBM name: SMF20TID) RACF terminal ID. If RACF is not active, or if RACF is active and the user is not a terminal user, then this field is set to zero.

Record Type 21 - Tape Error

SMF Record 21 (Tape Error) is mapped by structure member "T021".

Primary Segment:

- SMF021_Tape_Error

Secondary Segment(s): 0

Primary segment: SMF021_Tape_Error

Field Name	Type	Len	Description
<i>SMF021_Tape_Error.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF21FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description.
zRTY	INT	1	(IBM name: SMF21RTY) Record type 21 (X'15').
zTME	TSTMP	8	(IBM name: SMF21TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF21SID) System identification (from the SID parameter).
zLGH	INT	2	(IBM name: SMF21LGH) Length of rest of record.
zVOL	CHAR	6	(IBM name: SMF21VOL) Volume serial number.
zCA	HEX	2	(IBM name: SMF21CA) Device number or device address.
zUCB	HEX	4	(IBM name: SMF21UCB) UCBTYP value.
zDEV	HEX	1	(IBM name: SMF21DEV) Low order byte of UCB device type. Values less than X'80' represent reel tapes. Values of X'80' or greater represent cartridge tapes.
zTapeStyle	BINT (ENUM)	1	(IBM name: N/A) Reel Tape or Cartridge.
zTR	INT	1	(IBM name: SMF21TR) Number of temporary read errors (non-buffered log).
zTW	INT	1	(IBM name: SMF21TW) Number of temporary write errors (non-buffered log).
zSIO	INT	2	(IBM name: SMF21SIO) Number of start sub-channel (SSCH) instructions.
zPR	INT	1	(IBM name: SMF21PR) Number of permanent read errors.
zPW	INT	1	(IBM name: SMF21PW) Number of permanent write errors.
zNB	INT	1	(IBM name: SMF21NB) Number of noise blocks (non-buffered log).
zERG	INT	2	(IBM name: SMF21ERG) Number of erase gaps.
zCLN	INT	2	(IBM name: SMF21CLN) Number of cleaner actions.
zBLS	INT	2	(IBM name: SMF21BLS) Block size of the last data set closed on the tape if the tape was demounted during CLOSE processing, not at a different time. Some programs that use EXCP do not provide a block size. This field is valid only (but still might contain zero) when bit SMF21LB is off.

SMF021_Tape_Error.zOFL.<fieldname>			
zOutput	BIT	1	Output tape
zInput	BIT	1	Input tape (READ BACKWARD)

SMF021_Tape_Error.<fieldname>			
zTUS	INT	3	(IBM name: SMF21TUS) Tape unit serial.
zTRF	INT	2	(IBM name: SMF21TRF) Temporary read forward errors.
zTRB	INT	2	(IBM name: SMF21TRB) Temporary read backward errors.
zTWF	INT	2	(IBM name: SMF21TWF) Temporary write errors.
zBR	INT	3	(IBM name: SMF21BR) Number of bytes read, in units of 4096. The length of each block is rounded up to a multiple of 4096 BEFORE being counted. This count includes volume mount and verify, in addition to task I/O. Provided only for cartridge tape devices. Maximum value is X'FFFFFF'.
zBW	INT	3	(IBM name: SMF21BW) Number of bytes written, in units of 4096. The length of each block is rounded up to a multiple of 4096 BEFORE being counted. Provided only for cartridge tape devices. Maximum value is X'FFFFFF'.

SMF021_Tape_Error.zFL1.<fieldname>			
zNCT	BIT	1	zBRN and zBWN at 64 and 68 contain valid values. Currently this bit is on only for 3590.
zLS	BIT	1	Field zLST has a valid value.
zLB	BIT	1	zLBS has a valid value.
zDBV	BIT	1	zDBR and zDBW at 80 and 84 contain valid values.
zMFV	BIT	1	zMCR, zMCW, zMDR, and zMDW contain valid values.

SMF021_Tape_Error.<fieldname>			
zFL2	HEX	1	(IBM name: SMF21FL2) Reserved.
zBRN	INT	4	(IBM name: SMF21BRN) Number of bytes read, in units of 4096. The length of each block is rounded up to a multiple of 4096 BEFORE being counted. Valid only if SMF21NCT is on. If the value is less than X'FFFFFF', it is also in SMF21BR.
zBWN	INT	4	(IBM name: SMF21BWN) Number of bytes written, in units of 4096. The length of each block is rounded up to a multiple of 4096 BEFORE being counted. Valid only if SMF21NCT is on. If the value is less than X'FFFFFF', it is also in SMF21BW.
zLST	INT	4	(IBM name: SMF21LST) Number of I/Os initiated on current volume. Valid only if SMF21LS is on.
zLBS	INT	4	(IBM name: SMF21LBS) Block size. Valid only if SMF21LB is on.
zDBR	INT	4	(IBM name: SMF21DBR) Number of bytes read by the device, in units of 4096. Valid only if SMF21DBV is on.
zDBW	INT	4	(IBM name: SMF21DBW) Number of bytes written by the device, in units of 4096. Valid only if SMF21DBV is on.
zMCR	INT	4	(IBM name: SMF21MCR) Number of bytes read by the channel, in units of 1M. Valid only if SMF21MFV is on.

zMCW	INT	4	(IBM name: SMF21MCW) Number of bytes written by the channel, in units of 1M. Valid only if SMF21MFV is on.
zMDR	INT	4	(IBM name: SMF21MDR) Number of bytes read by the device, in units of 1M. Valid only if SMF21MFV is on.
zMDW	INT	4	(IBM name: SMF21MDW) Number of bytes written by the device, in units of 1M. Valid only if SMF21MFV is on.

Record Type 22 - Configuration

SMF Record 22 (Configuration) is mapped by structure member "T022".

Primary Segment:

- [SMF022_Configuration](#)

Secondary Segment(s): 17 (in alphabetical order)

- [SMF022_Continuation](#)
- [SMF022_CHP](#)
- [SMF022_CHPID](#)
- [SMF022_CPU](#)
- [SMF022_Device_Entry](#)
- [SMF022_Device_Expansion](#)
- [SMF022_Expanded_Storage](#)
- [SMF022_IO_Config_Change](#)
- [SMF022_IO_Config_Change_Hdr](#)
- [SMF022_Log_Partn](#)
- [SMF022_Phys_Control_Unit](#)
- [SMF022_PCI_Func](#)
- [SMF022_Reconfig_CHP](#)
- [SMF022_Reconfig_PCIE](#)
- [SMF022_Storage](#)
- [SMF022_Storage_Control](#)
- [SMF022_Storage_Element](#)

Primary segment: [SMF022_Configuration](#)

Field Name	Type	Len	Description
<i>SMF022_Configuration.<fieldname></i>			
<i>SMF022_Configuration.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF22FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators (see 'Standard and Extended SMF record headers' on page 174 FOR details) 7 RESERVED.
zRTY	INT	1	(IBM name: SMF22RTY) Record type 22 (X'16').
zTME	TSTMP	8	(IBM name: SMF22TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF22SID) System identification (from the SID parameter).
zIND	INT (ENUM)	2	(IBM name: SMF22IND) Record creator indicator
zECT	INT	2	(IBM name: SMF22ECT) Number of sections that are to follow.

Secondary segment: [SMF022_CPU](#)

Field Name	Type	Len	Description
<i>SMF022_CPU.<fieldname></i>			
<i>SMF022_CPU.zCFG.<fieldname></i>			
zVector	BIT	1	Vector feature indicator
zCpuReconfig	BIT	1	CPU reconfiguration indicator
<i>SMF022_CPU.<fieldname></i>			
zPID	INT	1	

			(IBM name: SMF22PID) CPU section identification (this field is always 1).
zCPN	INT	2	(IBM name: SMF22CPN) CPU model number (taken from CONFIG CPU command).
zCpuld	INT	2	(IBM name: SMF22Cpuld) CPU identifier (taken from CONFIG CPU command or default in PSACPUPA).
zCPA	INT	1	(IBM name: SMF22CPA) CPU identifier (Should not be used. Use SMF22Cpuld.)

Secondary segment: **SMF022_Storage**

Field Name	Type	Len	Description
<i>SMF022_Storage.<fieldname></i>			
SMF022_Storage.zMFL.<fieldname>			
zInterleaved	BIT	1	Central storage frames are interleaved
zNotObtained	BIT	1	Real storage status could not be obtained.

SMF022_Storage.<fieldname>			
zTID	INT	1	(IBM name: SMF22TID) Storage section identification (this field is always 3).
zPGL	INT	4	(IBM name: SMF22PGL) Block number of the first online frame reported in this storage element. When the block number exceeds X'FFFFFFFF', it is reported in the SMF22 Storage Element Extension (ID=X'0C')
zNPG	INT	4	(IBM name: SMF22NPG) The number of online frames reported in this storage element

Secondary segment: **SMF022_CHP**

Field Name	Type	Len	Description
<i>SMF022_CHP.<fieldname></i>			
zRV7	CHAR	1	(IBM name: SMF22RV7) Reserved.
zUID	INT	1	(IBM name: SMF22UID) Channel Path section Identification (this field is always 7).

SMF022_CHP.zPAR.<fieldname>			
zPFG	BIT	1	(IBM name: SMF22PFG) If 1=CHP, CHP is valid for this installation. If 0, zPOW=0 and zPON=0
zPOW	BIT	1	(IBM name: SMF22POW) If 1=CHP, CHP is owned by this system, and zPFG=1. if 0, zPON=0
zPON	BIT	1	(IBM name: SMF22PON) If 1=CHP, CHP is ONLINE, zPFG=1, and zPOW=1

Secondary segment: **SMF022_Reconfig_CHP**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF022_Reconfig_CHP.<fieldname>			
zRV8	CHAR	1	(IBM name: SMF22RV8) Reserved.
zRID	INT	1	(IBM name: SMF22RID) Reconfigured Channel Path section identification (this field is always 8).
zCNT	INT	1	(IBM name: SMF22CNT) Count of channel path IDs (CHPIDs) in this section.
zCHI	CHAR	1	(IBM name: SMF22CHI) Array of channel path identifiers.

Secondary segment: SMF022_Reconfig_PCIE

Field Name	Type	Len	Description
SMF022_Reconfig_PCIE.<fieldname>			
zPCIID	INT	1	(IBM name: SMF22PCIID) Reconfigured PCIE function identifier section identification (this field is always X'0B').
zPCICNT	INT	2	(IBM name: SMF22PCICNT) Count of PCIE function identifiers (PFIDs) in this section.
zPFID	INT	4	(IBM name: SMF22PFID) Array of PCIE function identifiers (PFIDs).

Secondary segment: SMF022_Expanded_Storage

Field Name	Type	Len	Description
SMF022_Expanded_Storage.<fieldname>			
zXID	INT	1	(IBM name: SMF22XID) Expanded storage identification (this field is always 9).
zXAD	INT	4	(IBM name: SMF22XAD) Beginning expanded storage frame (E-frame) address in this contiguous block (taken from the CONFIG command). Note: Expanded storage is always addressed in frames.
zXNP	INT	4	(IBM name: SMF22XNP) Number of 4K expanded storage frames in this contiguous block (taken from the CONFIG command).

Secondary segment: SMF022_Storage_Control

Field Name	Type	Len	Description
SMF022_Storage_Control.<fieldname>			
zGID	INT	1	(IBM name: SMF22GID) Storage control section identification (this field is always 10, X'0A').
zSSI	INT	2	(IBM name: SMF22SSI) 3990 SUBSYSTEM identifier.
zMDL	INT	1	(IBM name: SMF22MDL) 3990 Model identifier.
zVOL	CHAR	6	(IBM name: SMF22VOL) Originating device volume serial (this field is blank if device is offline).
zCUA	INT	2	

			(IBM name: SMF22CUA) Originating device identification.
zCCA	INT	1	(IBM name: SMF22CCA) Originating device channel connection address (CCA).
zDDC	INT	1	(IBM name: SMF22DDC) Originating device director-to-device connection (DDC).
zPDC	INT	1	(IBM name: SMF22PDC) Originating device previous DDC.

SMF022_Storage_Control.zSCS.<fieldname>

zStatus	BINT (ENUM)	3	(IBM name: SMF22SCS) 3990 subsystem caching status:
zMaint	BIT	1	Subsystem storage is disabled for maintenance.
zImINotAvail	BIT	1	IML device is not available.
zNoFastWrite	BIT	1	Cache fast write is disabled.

SMF022_Storage_Control.zPCS.<fieldname>

zStatus	BINT (ENUM)	3	(IBM name: SMF22PCS) Previous subsystem caching status:
zMaint	BIT	1	Subsystem storage is disabled for maintenance.
zImINotAvail	BIT	1	IML device is not available.
zNoFastWrite	BIT	1	Cache fast write is disabled.

SMF022_Storage_Control.zSNV.<fieldname>

zStatus	BINT (ENUM)	2	(IBM name: SMF22SNV) 3990 subsystem NVS status:
zMaint	BIT	1	Disabled for maintenance.
zPendErr	BIT	1	Pending due to error.

SMF022_Storage_Control.zPNV.<fieldname>

zStatus	BINT (ENUM)	2	(IBM name: SMF22PNV) Previous subsystem NVS status:
zMaint	BIT	1	Disabled for maintenance.
zPendErr	BIT	1	Pending due to error.

SMF022_Storage_Control.zSDS.<fieldname>

zStatus	BINT (ENUM)	2	Caching status
zFastWrite	BINT (ENUM)	2	Fast write status
zPrimary	BIT	1	Primary of duplex pair.
zSecondary	BIT	1	Secondary of duplex pair.
zDuplexPair	BINT (ENUM)	2	Duplex pair status. for Multi-target PPRC, PPRC pair status for relationship 1 if primary
zPinned	BINT (ENUM)	2	Pinned data
zCCALow6	BIT	6	Low-order 6 bits of CCA value of other device in duplex.

SMF022_Storage_Control.zPDS.<fieldname>

zStatus	BINT (ENUM)	2	Caching status
zFastWrite	BINT (ENUM)	2	Fast write status

zPrimary	BIT	1	Primary of duplex pair.
zSecondary	BIT	1	Secondary of duplex pair.
zDuplexPair	BINT (ENUM)	2	Duplex pair status. for Multi-target PPRC, PPRC pair status for relationship 1 if primary
zPinned	BINT (ENUM)	2	Pinned data
zCCALow6	BIT	6	Low-order 6 bits of CCA value of other device in duplex.

SMF022_Storage_Control.zADS.<fieldname>

zFailedMVS	BIT	1	Data exists in failed MVS for the devices.
------------	-----	---	--

SMF022_Storage_Control.zSMT.<fieldname>

zPPRC1	BINT (ENUM)	2	PPRC pair status rel 1
zPPRC2	BINT (ENUM)	2	PPRC pair status rel 2
zPPRC3	BINT (ENUM)	2	PPRC pair status rel 3

SMF022_Storage_Control.zPAD.<fieldname>

zFailedMVS	BIT	1	Data exists in failed MVS for the devices.
------------	-----	---	--

SMF022_Storage_Control.zPMT.<fieldname>

zPPRC1	BINT (ENUM)	2	PPRC pair status rel 1
zPPRC2	BINT (ENUM)	2	PPRC pair status rel 2
zPPRC3	BINT (ENUM)	2	PPRC pair status rel 3

SMF022_Storage_Control.zCYS.<fieldname>

zXRC	BIT	1	XRC active for the device.
zPPRC	BIT	1	PPRC active for the device.
zPPRCVol	BINT (ENUM)	1	PPRC primary or secondary volume:
zXrcSusp	BIT	1	Volume in XRC suspended or quiesced state.
zStChg	BIT	1	PPRC volume is State Change pending.
zConcurCopy	BIT	1	Concurrent Copy is active.
zFlashCopy	BIT	1	Flash Copy is active.

SMF022_Storage_Control.zPCY.<fieldname>

zXRC	BIT	1	XRC active for the device.
zPPRC	BIT	1	PPRC active for the device.
zPPRCVol	BINT (ENUM)	1	PPRC primary or secondary volume:
zXrcSusp	BIT	1	Volume in XRC suspended or quiesced state.
zStChg	BIT	1	PPRC volume is State Change pending.
zConcurCopy	BIT	1	Concurrent Copy is active.
zFlashCopy	BIT	1	Flash Copy is active.

SMF022_Storage_Control.<fieldname>

zCYL	INT	4	(IBM name: SMF22CYL) Device high cylinders.
zCYP	INT	4	(IBM name: SMF22CYP) Previous device high cylinders.

Secondary segment: SMF022_Storage_Element

Field Name	Type	Len	Description
<i>SMF022_Storage_Element.<fieldname></i>			
SMF022_Storage_Element.zXFL.<fieldname>			
zInterleaved	BIT	1	Central storage frames are interleaved
zNotObtained	BIT	1	Real storage status could not be obtained.

SMF022_Storage_Element.<fieldname>			
zTXD	INT	1	(IBM name: SMF22TXD) Storage section identification (this field is always 12).
zXGL	HEX	8	(IBM name: SMF22XGL) Block number of the first online frame reported in this storage element.
zXPG	INT	4	(IBM name: SMF22XPG) The number of online frames reported in this storage element.

Secondary segment: SMF022_IO_Config_Change_Hdr

Field Name	Type	Len	Description
<i>SMF022_IO_Config_Change_Hdr.<fieldname></i>			
zOID	INT	1	(IBM name: SMF22OID) I/O configuration change element ID (this field is always 11).
zR#	INT	1	(IBM name: SMF22R#) Record number of this record.
zTR	INT	1	(IBM name: SMF22TR) Total number of records for this I/O configuration change. For example, if there are 3 RECORDS total, and this record is the first, SMF22R# would contain 1, and SMF22TR would contain 3 (INDICATING record 1 OF 3).
zOFF	INT	2	(IBM name: SMF22OFF) Offset of first entry in this record.
zELN	INT	2	(IBM name: SMF22ELN) Length of each entry in the array of I/O configuration change elements.
zT#E	INT	4	(IBM name: SMF22T#E) Total number of entries for this I/O configuration change.
z#E	INT	4	(IBM name: SMF22#E) Number of entries in this record.

SMF022_IO_Config_Change_Hdr.zFLS.<fieldname>			
zSOFT	BIT	1	Requestor of the ACTIVATE specified the SOFT option. This indicates that only software configuration changes are to be made.
zFORCE	BIT	1	Requestor of the ACTIVATE specified the FORCE option.

SMF022_IO_Config_Change_Hdr.<fieldname>			
zIDN	CHAR	44	(IBM name: SMF22IDN) Name of IODF data set that contains the new I/O configuration definition.

zEDT	CHAR	2	(IBM name: SMF22EDT) ID of the eligible device table (EDT) or '***' if the new EDT could not be rebuilt during dynamic activation of the I/O configuration.
zCFI	CHAR	8	(IBM name: SMF22CFI) Operating system configuration ID for new configuration.
zHCT	HEX	64	(IBM name: SMF22HCT) Hardware configuration token that represents the new I/O configuration.
z#UA	INT	4	(IBM name: SMF22#UA) Number of unit control blocks (UCB) added for this I/O configuration change.
z#UD	INT	4	(IBM name: SMF22#UD) Number of unit control blocks (UCB) deleted for this I/O configuration change.
zFNC	INT	1	(IBM name: SMF22FNC) Activate function requested. See Note 1 ON page 263 FOR possible values of this field.

Secondary segment: SMF022_IO_Config_Change

Field Name	Type	Len	Description
<i>SMF022_IO_Config_Change.<fieldname></i>			
zETY	INT (ENUM)	1	(IBM name: SMF22ETY) Entry type.
zERQ	INT	1	(IBM name: SMF22ERQ) Entry request. For the possible values of this field, see Note 3 ON page 263, 4 ON page 263, 5 ON page 264, 6 ON page 264, and 7 ON page 264.

<i>SMF022_IO_Config_Change.zEFL.<fieldname></i>			
zHardware	BIT	1	Hardware change
zSoftware	BIT	1	Software change
zDynamic	BIT	1	Indicates that this entry was created because an installation-static device is being changed to a dynamic device. This entry represents the delete request (SMF22ERQ=SMF22DDD). There will be another entry that represents the add request.
zSubChan	BIT	1	Indicates whether the UCB for the device is connected to a subchannel. Valid only when the entry type is 'device' (SMFETY=SMF22DEV) and entry request is 'add device' (SMFERQ=SMF22DAD).
zLCSS	BIT	1	Indicates that this entry represents a change affecting the current logical channel subsystem (LCSS).
zLoseAcc	BIT	1	Indicates that the activating partition will lose access to the device because either the device is deleted from the configuration or the activating partition is to be removed from the candidate list of the device.
zCandChg	BIT	1	Indicates that this entry was created because the candidate list of the device was changed. When SMF22ETY=SMF22DEV, SMF22ERQ=SMF22DDD and SMF22ECC is on, one or more partitions were deleted from the device candidate list. When SMF22ETY=SMF22DEV, SMF22ERQ=SMF22DAD and SMF22ECC is on, one or more partitions were added to the device candidate list.

<i>SMF022_IO_Config_Change.<fieldname></i>			
zECSS	INT	1	(IBM name: SMF22ECSS) Logical channel subsystem (LCSS) ID
zESI	CHAR	28	(IBM name: SMF22ESI) Entry type specific information follows.

Secondary segment: SMF022_Device_Entry

Field Name	Type	Len	Description
<i>SMF022_Device_Entry.<fieldname></i>			
zDVN	INT	2	(IBM name: SMF22DVN) Device number.
zDCM	INT	1	(IBM name: SMF22DCM) Mask of channel path IDs (CHPID) contained in SMF22DCH that were added to or deleted from this device. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add CHPIDs SMF22DAH Modify to remove CHPIDs SMF22DDH
zDPM	INT	1	(IBM name: SMF22DPM) Mask of physical control unit numbers in SMF22DPC that were added to or deleted from this device. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add CUs SMF22DAP Modify to remove CUs SMF22DDP
zDCH	CHAR	8	(IBM name: SMF22DCH) Array of one-byte elements that represent channel path IDs (CHPID) that were added to or deleted from this device. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add CHPIDs SMF22DAH Modify to remove CHPIDs SMF22DDH
zDPC	CHAR	16	(IBM name: SMF22DPC) Array of two-byte elements that represent physical control unit numbers that were added to or deleted from this device. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add CUs SMF22DAP Modify to remove CUs SMF22DDP

Secondary segment: SMF022_Device_Expansion

Field Name	Type	Len	Description
<i>SMF022_Device_Expansion.<fieldname></i>			
zSSID	INT	1	(IBM name: SMF22SSID) Subchannel set ID
zDCM	CHAR	27	(IBM name: SMF22DCM) Reserved.

Secondary segment: SMF022_Phys_Control_Unit

Field Name	Type	Len	Description
<i>SMF022_Phys_Control_Unit.<fieldname></i>			
zPCN	INT	2	(IBM name: SMF22PCN) Physical control unit number.
zPCM	INT	1	(IBM name: SMF22PCM) Mask of channel path IDs in SMF22PCH that were added to or deleted from this control unit. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add CHPIDs SMF22PAH Modify to remove CHPIDs SMF22PDH
zPCH	CHAR	8	(IBM name: SMF22PCH) Array of 1-byte elements that represent channel path IDs (CHPID) that were added to or deleted from this control unit. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add CHPIDs SMF22PAH Modify to remove CHPIDs SMF22PDH
zPUA	CHAR	4	(IBM name: SMF22PUA) Range of unit addresses that were added to or deleted from this control unit. Valid only under one of the following conditions (zero otherwise): Entry request SMF22ERQ value Modify to add unit address SMF22PAU range Modify to remove unit address SMF22PDU range

zPUC	INT	1	(IBM name: SMF22PUC) Count of unit addresses.
zPSU	INT	1	(IBM name: SMF22PSU) Starting unit address.

Secondary segment: SMF022_CHPID

Field Name	Type	Len	Description
<i>SMF022_CHPID.<fieldname></i>			
zCCH	INT	1	(IBM name: SMF22CCH) Channel path ID (CHPID).

Secondary segment: SMF022_Log_Partn

Field Name	Type	Len	Description
<i>SMF022_Log_Partn.<fieldname></i>			
zLP_Name	CHAR	8	(IBM name: SMF22LP_Name) Logical partition name.
zLP_MIFID	HEX	8	(IBM name: SMF22LP_MIFID) Multiple Image Facility (MIF) identifier.

Secondary segment: SMF022_PCI_Func

Field Name	Type	Len	Description
<i>SMF022_PCI_Func.<fieldname></i>			
zPF_PPID	INT	4	(IBM name: SMF22PF_PPID) PCIe function ID.

Secondary segment: SMF022_Continuation

Field Name	Type	Len	Description
<i>SMF022_Continuation.<fieldname></i>			
zL99	INT	1	(IBM name: SMF22L99) Length of this section.
zCON	INT	1	(IBM name: SMF22CON) Identifies next record as a continuation (this field is always 99).

Record Type 23 - SMF Status

SMF Record 23 (SMF Status) is mapped by structure member "T023".

Primary Segment:

- SMF023_SMF_Status

Secondary Segment(s): 6 (in alphabetical order)

- SMF023_BindBreak
- SMF023_LogStream
- SMF023_Product
- SMF023_SpinLock
- SMF023_Stats
- SMF023_System

Primary segment: SMF023_SMF_Status

Field Name	Type	Len	Description
<i>SMF023_SMF_Status.<fieldname></i>			
SMF023_SMF_Status.Header_self_defining_section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF23FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR details.) 7 RESERVED.
zRTY	INT	1	(IBM name: SMF23RTY) Record type 23 (X'17').
zTME	TSTMP	8	(IBM name: SMF23TME) Date/Time when the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF23SID) System identification (from the SID parameter).
zPOF	INT	4	(IBM name: SMF23POF) Offset to product section from start of record, including the record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF23PLN) Length of product section.
zPON	INT	2	(IBM name: SMF23PON) Number of product sections.
zSOF	INT	4	(IBM name: SMF23SOF) Offset to system section from start of record, including the record descriptor word (RDW).
zSLN	INT	2	(IBM name: SMF23SLN) Length of system section.
zSON	INT	2	(IBM name: SMF23SON) Number of system sections.
zROF	INT	4	(IBM name: SMF23ROF) Offset to SMF statistics section from start of record, including the record descriptor word (RDW).
zRLN	INT	2	(IBM name: SMF23RLN) Length of SMF statistics section.
zRON	INT	2	(IBM name: SMF23RON) Number of SMF statistics sections.
zLOF	INT	4	(IBM name: SMF23LOF) Offset to SMF logstream statistics section.
zLLN	INT	2	(IBM name: SMF23LLN) Length of SMF logstream statistics section.
zLON	INT	2	(IBM name: SMF23LON) Number of SMF logstream statistics sections.

zNOF	INT	4	(IBM name: SMF23NOF) Offset to spin lock instrumentation data section from start of record, including the record descriptor word (RDW).
zNLN	INT	2	(IBM name: SMF23NLN) Length of spin lock instrumentation data section.
zNON	INT	2	(IBM name: SMF23NON) Number of spin lock instrumentation data sections.
zBOF	INT	4	(IBM name: SMF23BOF) Offset to bind break instrumentation data section from start of record, including the record descriptor word (RDW).
zBLN	INT	2	(IBM name: SMF23BLN) Length of bind break instrumentation data section.
zBON	INT	2	(IBM name: SMF23BON) Number of bind break instrumentation data sections.

Secondary segment: SMF023_Product

Field Name	Type	Len	Description
<i>SMF023_Product.<fieldname></i>			
zTID	INT	2	(IBM name: SMF23TID) SubType identification - '0'.
zRVN	CHAR	2	(IBM name: SMF23RVN) Record version number - '02'.
zPNM	CHAR	8	(IBM name: SMF23PNM) Product name - 'SMF'.

Secondary segment: SMF023_System

Field Name	Type	Len	Description
<i>SMF023_System.<fieldname></i>			
zINT	CHAR	6	(IBM name: SMF23INT) Length of measurement interval.
zFLS	CHAR	4	(IBM name: SMF23FLS) Operating system release level.
zOSL	CHAR	8	(IBM name: SMF23OSL) MVS product name (taken from CVTPRODN).
zTOD	TSTMP	8	(IBM name: SMF23TOD) Time and date that the interval ended for the STATUS function, in time-of-day (TOD) format, an unsigned 64-bit fixed-point number where bit 51 IS equivalent to 1 MICROSECOND. If you requested synchronized interval recording for SMF statistics, a field in other records, similar to this field, contains the same time so you can compare this record with other records generated at the end of the same interval.
zSYN	CHAR	8	(IBM name: SMF23SYN) System name (from the SYSNAME parameter in the IEASYSxx parmlib member).
zSYP	CHAR	8	(IBM name: SMF23SYP) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).

Secondary segment: SMF023_Stats

Field Name	Type	Len	Description
<i>SMF023_Stats.<fieldname></i>			
zBFW	INT	4	(IBM name: SMF23BFW) Number of buffers written.
zBFQ	INT	4	(IBM name: SMF23BFQ) Maximum number of buffers used at one time.
zSUS	CHAR	4	(IBM name: SMF23SUS) Reserved.
zRCW	INT	4	(IBM name: SMF23RCW) Number of records written.
zBFA	INT	4	(IBM name: SMF23BFA) Amount of each buffer allocation request.
zBFT	INT	4	(IBM name: SMF23BFT) Total amount of buffer storage currently allocated (and recently used).
zBFH	INT	4	(IBM name: SMF23BFH) 'High water mark' of buffer storage allocation.
zBFM	INT	4	(IBM name: SMF23BFM) Buffer storage maximum in effect (BUFSIZMAX binary value).
zBFL	INT	4	(IBM name: SMF23BFL) Buffer storage usage warning level in effect (BUFUSEWARN binary value).

<i>SMF023_Stats.zSFG.<fieldname></i>			
z4NGR	BIT	1	zNGR count ON=4 bytes, OFF=8 bytes
z4PBG	BIT	1	zPBG count ON=4 bytes, OFF=8 bytes
z4NFR	BIT	1	zNFR count ON=4 bytes, OFF=8 bytes
z4PFX	BIT	1	zPFX count ON=4 bytes, OFF=8 bytes
z41RF	BIT	1	z1RF count ON=4 bytes, OFF=8 bytes
z4NRF	BIT	1	zNRF count ON=4 bytes, OFF=8 bytes
z4NIO	BIT	1	zNIO count ON=4 bytes, OFF=8 bytes
z4TCB	BIT	1	zTCB count ON=4 bytes, OFF=8 bytes
z4SRB	BIT	1	zSRB count ON=4 bytes, OFF=8 bytes

<i>SMF023_Stats.<fieldname></i>			
zNGR	INT	8	(IBM name: SMF23NGR) Total number of getmain requests that have been issued. For more details, see the explanation of SMF23SFG bit 0.
zPBG	INT	8	(IBM name: SMF23PBG) Total number of pages backed during getmain requests that have been issued. For more details, see the explanation of SMF23SFG bit 1.
zNFR	INT	8	(IBM name: SMF23NFR) Total number of fix requests that have been issued for the storage whose address space is below two gigabytes. For more details, see the explanation of SMF23SFG bit 2.
zPFX	INT	8	(IBM name: SMF23PFX) Total number of frames that were requested to be fixed for the storage whose address space is below two gigabytes. For more details, see the explanation of SMF23SFG bit 3.
z1RF	INT	8	(IBM name: SMF231RF) Total number of first reference faults. For more details, see the explanation of SMF23SFG bit 4.
zNRF	INT	8	(IBM name: SMF23NRF) Total number of non-first reference faults. For more details, see the explanation of SMF23SFG bit 5.

zNIO	INT	8	(IBM name: SMF23NIO) Total number of I/Os for this interval. For more details, see the explanation of SMF23SFG bit 6.
zTCB	INT	8	(IBM name: SMF23TCB) Total number of unlocked TCB dispatches. For more details, see the explanation of SMF23SFG bit 7.
zSRB	INT	8	(IBM name: SMF23SRB) Total number of SRB dispatches. For more details, see the explanation of SMF23SFG bit 8.
zNGD	INT	4	(IBM name: SMF23NGD) Total number of getmain requests that have been issued for this interval. For the cumulative total, see the explanation of SMF23NGR.
zPBD	INT	4	(IBM name: SMF23PBD) Total number of pages backed during GETMAIN requests that have been issued for this interval. For the cumulative total, see the explanation of SMF23PBG.
zNFD	INT	4	(IBM name: SMF23NFD) Total number of fix requests that have been issued for storage (address space only) below two gigabytes for this interval. For the cumulative total, see the explanation of SMF23NFR.
zPFD	INT	4	(IBM name: SMF23PFD) Total number of frames that were requested to be fixed for storage (address space only) below two gigabytes for this interval. For the cumulative total, see the explanation of SMF23PFX.
z1RD	INT	4	(IBM name: SMF231RD) Total number of first reference faults taken for this interval. For the cumulative total, see the explanation of SMF231RF.
zNRD	INT	4	(IBM name: SMF23NRD) Total number of non-first reference faults taken for this interval. For the cumulative total, see the explanation of SMF23NRF.
zNID	INT	8	(IBM name: SMF23NID) Total number of I/Os for this interval. For the cumulative total, see the explanation of SMF23NIO.
zTCD	INT	8	(IBM name: SMF23TCD) Total number of unlocked TCB dispatches for this interval. For the cumulative total, see the explanation of SMF23TCB.
zSRD	INT	8	(IBM name: SMF23SRD) Total number of SRB dispatches for this interval. For the cumulative total, see the explanation of SMF23SRB.

Secondary segment: SMF023_LogStream

Field Name	Type	Len	Description
<i>SMF023_LogStream.<fieldname></i>			
zLSL	INT	2	(IBM name: SMF23LSL) Length of the logstream name in SMF23LSN.
zLSN	CHAR	26	(IBM name: SMF23LSN) Logstream name.
zLFA	INT	4	(IBM name: SMF23LFA) Amount of each buffer allocation.
zLFT	INT	4	(IBM name: SMF23LFT) Total amount of buffer storage currently used (in bytes).
zLFH	INT	4	(IBM name: SMF23LFH) Binary high water mark of the buffer allocation (in bytes).
zLFM	INT	4	(IBM name: SMF23LFM) Buffer storage maximum in effect (DSPSIZMAX value in bytes).
zLFL	INT	4	(IBM name: SMF23LFL) Binary buffer warning level in effect (BUFUSEWARN binary value).

SMF023_LogStream.zLFG.<fieldname>			
zGlobBufWrn	BIT	1	The buffer warning level in effect was from the global option.
zGlobBufSiz	BIT	1	The buffer size (DSPSIZMAX) in effect was from the global option.
zCompReq	BIT	1	Compression is requested for records written to this log stream by SMF configuration. When off, compression is not requested.
zCompPrep	BIT	1	Compression is prepared. This log stream is ready to compress records, or in other words, hardware is capable of using zEDC, and all setup for compression succeeded. When off, hardware is not capable of using zEDC or compression setup failed. See message IFA730I.
zCompAvail	BIT	1	Compression is available. The last use of zEDC was successful, and it indicated zEDC Express features were available to satisfy compression requests. When off, at the last request, zEDC Express features were not available to satisfy compression requests.
zGlobPermfix	BIT	1	The current PERMFIK value for this log stream is the global PERMFIK value. In the SMF configuration, a log stream PERMFIK value was not specified.

SMF023_LogStream.<fieldname>			
zPFT	INT	4	(IBM name: SMF23PFT) Total storage SMF is currently using for zEDC for this log stream. Value does not account for 1MB needed by each log stream using zEDC. Value may be up to 2MB greater than the defined PERMFIK value depending on usage.
zPFM	INT	4	(IBM name: SMF23PFM) Max storage SMF can use for zEDC for this log stream. Configuration-defined PERMFIK value.
zPFH	INT	4	(IBM name: SMF23PFH) High water mark of storage SMF has used for zEDC for this log stream connection.
zCWN	INT	4	(IBM name: SMF23CWN) Number of log blocks written containing compressed records during this interval.
zNCN	INT	4	(IBM name: SMF23NCN) Number of log blocks written containing non-compressed records during this interval.
zBBC	INT	8	(IBM name: SMF23BBC) zEDC uncompressed bytes total. For logstreams with compressed data, this field contains the total number of uncompressed bytes that zEDC successfully compressed during the interval. For logstreams with no compressed data, this field contains zeros.
zBAC	INT	8	(IBM name: SMF23BAC) zEDC compressed bytes total. For logstreams with compressed data, this field contains the total number of compressed bytes that were written to the logstream during the interval. For logstreams with no compressed data, this field contains zeros.
zLHP	INT	4	(IBM name: SMF23LHP) High water mark of the percentage of the buffer that is in use.
zLCP	INT	4	(IBM name: SMF23LCP) Current percentage of the buffer that is in use.

Secondary segment: **SMF023_SpinLock**

Field Name	Type	Len	Description
SMF023_SpinLock.<fieldname>			
zSPN	VCHAR	2 1002	(IBM name: SMF23SPN) For internal use only.

Secondary segment: SMF023_BindBreak

Field Name	Type	Len	Description
<i>SMF023_BindBreak.<fieldname></i>			
zBND	VCHAR	2 1002	(IBM name: SMF23BND) For internal use only.

Record Type 24 - JES2 Spool Offload

SMF Record 24 (JES2 Spool Offload) is mapped by structure member "T024".

Primary Segment:

- [SMF024_JES2_Spool_Offload](#)

Secondary Segment(s): 7 (in alphabetical order)

- [SMF024_Affinity](#)
- [SMF024_Affinity_SysName](#)
- [SMF024_Enhanced_SYSOULT](#)
- [SMF024_General](#)
- [SMF024_Job_Sel_Crit](#)
- [SMF024_Product](#)
- [SMF024_SYSOULT_Sel_Crit](#)

Primary segment: [SMF024_JES2_Spool_Offload](#)

Field Name	Type	Len	Description
<i>SMF024_JES2_Spool_Offload.<fieldname></i>			
<i>SMF024_JES2_Spool_Offload.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF24FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF24RTY) Record type 24 (X'18').
zTME	TSTMP	8	(IBM name: SMF24TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF24SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF24SSI) Subsystem identification.
zSUB	INT (ENUM)	2	(IBM name: SMF24SUB) Record SubType
zNTR	INT	2	(IBM name: SMF24NTR) Number of triplets. A triplet is a set of offsets/length/numbers values that define a section of the record.
zRSV	CHAR	2	(IBM name: SMF24RSV) Reserved.
zOPS	INT	4	(IBM name: SMF24OPS) Offset to product section.
zLPS	INT	2	(IBM name: SMF24LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF24NPS) Number of product sections.
zOGN	INT	4	(IBM name: SMF24OGN) Offset to general sections.
zLGN	INT	2	(IBM name: SMF24LGN) Length of general section.
zNGN	INT	2	(IBM name: SMF24NGN) Number of general sections.
zOSP	INT	4	(IBM name: SMF24OSP) Offset to job or SYSOUT selection criteria section.
zLSP	INT	2	(IBM name: SMF24LSP) Length of job or SYSOUT selection criteria section.
zNSP	INT	2	

			(IBM name: SMF24NSP) Number of job or SYSOUT selection criteria sections.
zOSW	INT	4	(IBM name: SMF24OSW) Offset to enhanced SYSOUT support (ESS) section.
zLSW	INT	2	(IBM name: SMF24LSW) Length of enhanced SYSOUT support (ESS) section.
zNSW	INT	2	(IBM name: SMF24NSW) Number of enhanced SYSOUT support (ESS) section.
zOSA	INT	4	(IBM name: SMF24OSA) Offset to system affinity section.
zLSA	INT	2	(IBM name: SMF24LSA) Length of system affinity section.
zNSA	INT	2	(IBM name: SMF24LSA) Number of system affinity sections.

Secondary segment: SMF024_Product

Field Name	Type	Len	Description
<i>SMF024_Product.<fieldname></i>			
zPVR	CHAR	2	(IBM name: SMF24PVR) Record version number.
zPNM	CHAR	8	(IBM name: SMF24PNM) Product name 'JES2'.
zRS2	CHAR	2	(IBM name: SMF24RS2) Reserved.

Secondary segment: SMF024_General

Field Name	Type	Len	Description
<i>SMF024_General.<fieldname></i>			
zGLN	INT	2	(IBM name: SMF24GLN) Length of general section.
<i>SMF024_General.zBCF.<fieldname></i>			
zFirstBuff	BIT	1	First SMF buffer for job
zContBuff	BIT	1	C0ntinuation of SMF buffer
zLastBuff	BIT	1	Last SMF buffer for job
<i>SMF024_General.zEOJ.<fieldname></i>			
zCompleted	BIT	1	Completed job offloaded
zSkipped	BIT	1	Job completed with skipped data sets
zUncompleted	BIT	1	Uncompleted job offloaded
zCancelled	BIT	1	Job cancelled by operator
<i>SMF024_General.<fieldname></i>			
zJBN	CHAR	8	(IBM name: SMF24JBN) Job name.
zJID	CHAR	8	(IBM name: SMF24JID) Original job identification.

zCJD	CHAR	8	(IBM name: SMF24CJD) Current identification.
zSYS	CHAR	4	(IBM name: SMF24SYS) System identification.
zDSN	CHAR	44	(IBM name: SMF24DSN) Offload data set name.
zCNT	INT	4	(IBM name: SMF24CNT) Number of records transmitted or received.
zTDS	TSTMP	8	(IBM name: SMF24TDS) Date/Time that offload data set was allocated.
zORG	CHAR	8	(IBM name: SMF24ORG) Node of origin.
zTRD	TSTMP	8	(IBM name: SMF24TRD) Date/Time.

Secondary segment: SMF024_Job_Sel_Crit

Field Name	Type	Len	Description
<i>SMF024_Job_Sel_Crit.<fieldname></i>			
zLN1	INT	2	(IBM name: SMF24LN1) Length of job section.
<i>SMF024_Job_Sel_Crit.zJFG.<fieldname></i>			
zHeld	BIT	1	Held job
zAffAny	BIT	1	AFFINITY=ANY
<i>SMF024_Job_Sel_Crit.<fieldname></i>			
zJCL	CHAR	1	(IBM name: SMF24JCL) Job class.
zJND	CHAR	8	(IBM name: SMF24JND) Node name.
zJAF	CHAR	28	(IBM name: SMF24JAF) Affinity system identification.

Secondary segment: SMF024_SYSOUT_Sel_Crit

Field Name	Type	Len	Description
<i>SMF024_SYSOUT_Sel_Crit.<fieldname></i>			
zLN2	INT	2	(IBM name: SMF24LN2) Length of SYSOUT section.
<i>SMF024_SYSOUT_Sel_Crit.zSFG.<fieldname></i>			
zSysoutHelp	BIT	1	Held SYSOUT
zSysoutBurst	BIT	1	Bursting SYSOUT
zJobHeld	BIT	1	Held job
zIncomplete	BIT	1	Incomplete data set
zMultiDest	BIT	1	Multi-destination data set
<i>SMF024_SYSOUT_Sel_Crit.<fieldname></i>			

zSCL	CHAR	1	(IBM name: SMF24SCL) SYSOUT class.
zSND	CHAR	8	(IBM name: SMF24SND) Node name.
zSRN	CHAR	8	(IBM name: SMF24SRN) Remote name.
zFCB	CHAR	4	(IBM name: SMF24FCB) Forms control buffer (FCB).
zFOR	CHAR	8	(IBM name: SMF24FOR) Forms overlay name.
zFLS	CHAR	4	(IBM name: SMF24FLS) Flash cartridge name.
zPRM	CHAR	8	(IBM name: SMF24PRM) Print data set (PR) mode.
zUCS	CHAR	4	(IBM name: SMF24UCS) Universal character set (UCS).
zWID	CHAR	8	(IBM name: SMF24WID) Writer.
zREC	INT	4	(IBM name: SMF24REC) Data set record count. 60 3A SMF24PRY 1 BINARY Output selection priority.

Secondary segment: SMF024_Affinity

Field Name	Type	Len	Description
<i>SMF024_Affinity.<fieldname></i>			
zLSA	INT	2	(IBM name: SMF24LSA) Length of system affinity section.
zSAN	INT	4	(IBM name: SMF24SAN) Number of system affinities.
zLN4	INT	4	(IBM name: SMF24LN4) Length of system name.

Secondary segment: SMF024_Affinity_SysName

Field Name	Type	Len	Description
<i>SMF024_Affinity_SysName.<fieldname></i>			
zSCA	XVCHAR	0 80	(IBM name: SMF24SCA) System affinity name.

Secondary segment: SMF024_Enhanced_SYSOUS

Field Name	Type	Len	Description
<i>SMF024_Enhanced_SYSOUS.<fieldname></i>			
zLN3	INT	2	(IBM name: SMF24LN3) Length of ESS section (including this field).
zSGT	INT	4	(IBM name: SMF24SGT) Segment identifier.

SMF024_Enhanced_SYSOUT.zIND.<fieldname>			
zSJFerr	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present

SMF024_Enhanced_SYSOUT.<fieldname>			
zJDT	CHAR	8	(IBM name: SMF24JDT) JCL definition table (JDT) name in JCL definition vector table (JDTV).
zTUL	INT	2	(IBM name: SMF24TUL) Text unit (SWBTU) data area length.
zTU	XVCHAR	0 1000	(IBM name: SMF24TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro.

Record Type 25 - JES3 Device Allocation

SMF Record 25 (JES3 Device Allocation) is mapped by structure member "T025".

Primary Segment:

- [SMF025_JES3_Device_Allocation](#)

Secondary Segment(s): 0

Primary segment: [SMF025_JES3_Device_Allocation](#)

Field Name	Type	Len	Description
<i>SMF025_JES3_Device_Allocation.<fieldname></i>			
<i>SMF025_JES3_Device_Allocation.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF25FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF25RTY) Record type 25 (X'19').
zTME	TSTMP	8	(IBM name: SMF25TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF25SID) System identification (from the SID parameter).
zJBN	CHAR	8	(IBM name: SMF25JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF25RST) Date/Time that the reader recognized the JOB card (for this job).
zUIF	CHAR	8	(IBM name: SMF25UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).

<i>SMF025_JES3_Device_Allocation.Header_Self_defining_Section.zIND.<fieldname></i>			
zDynAlloc	BIT	1	If zero, allocation by user's DD statements. If 1, dynamic allocation.
zCatAlloc	BIT	1	If zero, non-catalog allocation by JES3. If 1, catalog allocation by JES3.
zAutoAlloc	BIT	1	If zero, manual allocation by operator. If 1, automatic allocation by JES3 (see the ALLOCATE= keyword on the JES3 SETPARAM initialization statement in z/OS JES3 Initialization and Tuning Reference).

<i>SMF025_JES3_Device_Allocation.Header_Self_defining_Section.<fieldname></i>			
zNTF	INT	4	(IBM name: SMF25NTF) Number of IAT5110 GET messages for tape volumes issued for the job.
zNDF	INT	4	(IBM name: SMF25NDF) Number of IAT5110 GET messages for disk volumes issued for the job.
zFST	TSTMP	8	(IBM name: SMF25FST) Date/Time that the fetch processing ended. That is, the time that the first phase of MDS ended. (During this phase, messages are issued to inform the operator of the volumes required for the job to run.)
zSST	INT	4	(IBM name: SMF25SST) If manual allocation, the time when the *START SETUP operator command was issued. If automatic allocation, this field contains zeroes.
zSSD	DEC	4 (7,0)	(IBM name: SMF25SSD) If manual allocation, the date when the *START SETUP operator command was issued. If automatic allocation, this field contains zeroes.
zNTM	INT	4	

			(IBM name: SMF25NTM) Number of tape volumes mounted by MDS.
zNDM	INT	4	(IBM name: SMF25NDM) Number of disk volumes mounted by MDS.
zMST	TSTMP	8	(IBM name: SMF25MST) Date/Time when all JES3 volume mount messages have been issued. If not mounts were required, this field equals the time of JES3 allocation.
zVVT	TSTMP	8	(IBM name: SMF25VVT) Date/Time of JES3 device verification.
zNMV	INT	4	(IBM name: SMF25NMV) Number of Mass Storage Volume requests allocated by MDS for the job. Note: As of MVS/SP4.1, this field is no longer valid.

Record Type 26 - JES2 Job Purge

SMF Record 26 (JES2 Job Purge) is mapped by structure member "T026".

Primary Segment:

- SMF026_JES2_Job_Purge

Secondary Segment(s): 11 (in alphabetical order)

- SMF026_Accounting
- SMF026_Actuals
- SMF026_Descriptor
- SMF026_Encryption_Compression
- SMF026_Events
- SMF026_Job_Correlator
- SMF026_Network
- SMF026_Print
- SMF026_Routing
- SMF026_Triplet
- SMF026_Workload_Management

Primary segment: SMF026_JES2_Job_Purge

Field Name	Type	Len	Description
SMF026_JES2_Job_Purge.<fieldname>			
SMF026_JES2_Job_Purge.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF26FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF26RTY) Record type 26 (X'1A').
zTME	TSTMP	8	(IBM name: SMF26TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF26SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF26JBN) Job name.
zRST	TSTMP	8	(IBM name: SMF26RST) Date/Time that the reader recognized the JOB statement (for this job).
zUIF	CHAR	8	(IBM name: SMF26UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zRSV	CHAR	4	(IBM name: SMF26RSV) Reserved.
zSBS	INT	2	(IBM name: SMF26SBS) Subsystem identification - X'0002' signifies JES2.

SMF026_JES2_Job_Purge.Header_Self_defining_Section.zIND.<fieldname>			
zDescriptor	BINT	1	Descriptor section present
zEvents	BINT	1	Events section present
zActuals	BINT	1	Actuals section present
zNetwork	BINT	1	JES2 network section present
zRouting	BINT	1	JES2 routing section present
zPrint	BINT	1	Print section present
zReserved	BINT	1	Reserved
zTriplet	BINT	1	Triplet section present

Secondary segment: **SMF026_Descriptor**

Field Name	Type	Len	Description
<i>SMF026_Descriptor.<fieldname></i>			
zLN1	INT	2	(IBM name: SMF26LN1) Length of descriptor section, including this field.
zRV1	CHAR	2	(IBM name: SMF26RV1) Reserved.
zIN2	INT	1	(IBM name: SMF26IN2) Job information indicator Bit Meaning when set 0 BACKGROUND batch job 1 FOREGROUND TSO/E user 2 SYSTEM task 3 NO journal option 4 NO output option 5 TYPRUN=SCAN was specified 6 TYPRUN=COPY was specified 7 RESTART = Y was specified.
zINF	INT	1	(IBM name: SMF26INF) Job information indicator Bit Meaning when set 0 /*PRIORITY statement present or keyword 'PRTY =' was specified on JOB statement 1 /*SETUP statement(s) present 2 TYPRUN=HOLD was specified 3 NO job log option 4 EXECUTION batching 5 JOB was entered on internal reader 6 JOB was rerun by JES2 7 JOB was canceled by the operator.
zJNM	CHAR	4	(IBM name: SMF26JNM) JES2-assigned job number if less than 10,000. If the job number is greater or equal to 10,000, this field is zeroes and the job number is in the SMF26JID field.
zJID	CHAR	8	(IBM name: SMF26JID) 8-character job identifier
zNAM	CHAR	20	(IBM name: SMF26NAM) Programmer's name (taken from JOB statement).
zMSG	CHAR	1	(IBM name: SMF26MSG) Message class (taken from JOB statement).
zCLS	CHAR	1	(IBM name: SMF26CLS) Job class (taken from JOB statement).
zXPI	INT	1	(IBM name: SMF26XPI) JES2 job selection priority when the job was initially read.
zXPS	INT	1	(IBM name: SMF26XPS) JES2 job selection priority when the job was selected.
zIX2	INT	1	(IBM name: SMF26IX2) Job information indicator Bit Meaning when set 0 JOB delayed due to duplicate job name 1 JOB purged as a result of spool offload 2 JOB went through unspun in its lifetime 3 JOB had at least one JOE purged due to PSO/SAPI
zOPS	CHAR	1	(IBM name: SMF26OPS) Reserved.
zLOC	INT	2	(IBM name: SMF26LOC) Input route code. These fields are defined as follows: X'0100' indicates local routing. X'nnrr' is remote routing. and X'00nn' indicates special local routing. If more than 255 REMOTES are specified for the system, this field is set to zero. See the Routing Section described later in this record.
zDEV	CHAR	8	(IBM name: SMF26DEV) JES2 logical input device name as defined in JESPARMS.
zACT	CHAR	4	(IBM name: SMF26ACT) Programmer's accounting number. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zROM	CHAR	4	(IBM name: SMF26ROM) Programmer's room number. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zXTM	INT	4	

			(IBM name: SMF26XTM) Estimated processing time, in seconds. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zELN	INT	4	(IBM name: SMF26ELN) Estimated output lines. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zEPU	INT	4	(IBM name: SMF26EPU) Estimated output punched cards. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zFRM	CHAR	4	(IBM name: SMF26FRM) Output form number. If the source field contain four or fewer characters, SMF26FRM is set. Otherwise, this field is set to blanks, and the contents of the source field appear only in SMF26EFM, described under the Routing Section later in this record.
zCYP	INT	2	(IBM name: SMF26CYP) Job print copy count. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zLIN	INT	2	(IBM name: SMF26LIN) Lines per page. JES2-defined sub-field from the accounting information field in the JOB statement or default values assigned for this job or from /*JOBPARM, JES2 control statement.
zPRR	INT	2	(IBM name: SMF26PRR) Job print route code. These fields are defined as follows: X'0100' indicates local routing. X'nnrr' is remote routing. and X'00nn' indicates special local routing. If more than 255 REMOTES are specified for the system, this field is set to zero. See the Routing Section described later in this record.
zPUR	INT	2	(IBM name: SMF26PUR) Job punch route code. These fields are defined as follows: X'0100' indicates local routing. X'nnrr' is remote routing. and X'00nn' indicates special local routing. If more than 255 REMOTES are specified for the system, this field is set to zero. See the Routing Section described later in this record.
zPDD	CHAR	8	(IBM name: SMF26PDD) Procedure data definition name (DDNAME) used for JCL conversion.

Secondary segment: SMF026_Events

Field Name	Type	Len	Description
<i>SMF026_Events.<fieldname></i>			
zLN2	INT	2	(IBM name: SMF26LN2) Length of events section, including this field.
zRV2	CHAR	2	(IBM name: SMF26RV2) Reserved.
zRPT	TSTMP	8	(IBM name: SMF26RPT) Reader stop Date/Time.
zCST	TSTMP	8	(IBM name: SMF26CST) Converter start Date/Time
zCPT	TSTMP	8	(IBM name: SMF26CPT) Converter stop Date/Time
zXST	TSTMP	8	(IBM name: SMF26XST) Execution processor start Date/Time
zXPT	TSTMP	8	(IBM name: SMF26XPT) Execution processor stop Date/Time
zOST	TSTMP	8	(IBM name: SMF26OST) Output processor start Date/Time

zOPT	TSTMP	8	(IBM name: SMF26OPT) Output processor stop Date/Time
------	-------	---	---

Secondary segment: SMF026_Actuals

Field Name	Type	Len	Description
<i>SMF026_Actuals.<fieldname></i>			
zLN3	INT	2	(IBM name: SMF26LN3) Length of actuals section, including this field.
zRV4	CHAR	2	(IBM name: SMF26RV4) Reserved.
zICD	INT	4	(IBM name: SMF26ICD) Number of input statements for job. This field includes JCL and SYSIN statements.
zXLN	INT	4	(IBM name: SMF26XLN) Number of output lines generated to spool.
zXPU	INT	4	(IBM name: SMF26XPU) Number of punched cards generated to spool.
zRID	CHAR	4	(IBM name: SMF26RID) Input processor system (CPU) identification.
zCID	CHAR	4	(IBM name: SMF26CID) Conversion processor system (CPU) identification.
zXID	CHAR	4	(IBM name: SMF26XID) Execution processor system (CPU) identification.
zOID	CHAR	4	(IBM name: SMF26OID) Output processor system (CPU) identification.

Secondary segment: SMF026_Network

Field Name	Type	Len	Description
<i>SMF026_Network.<fieldname></i>			
zLN4	INT	2	(IBM name: SMF26LN4) Length of network section including this field.
zRV5	CHAR	2	(IBM name: SMF26RV5) Reserved.
zNID	CHAR	4	(IBM name: SMF26NID) Job transmitter system identifier.
zNST	TSTMP	8	(IBM name: SMF26NST) Job transmitter start Date/Time
zNPT	TSTMP	8	(IBM name: SMF26NPT) Job transmitter stop Date/Time
zNAC	CHAR	8	(IBM name: SMF26NAC) Network accounting number.
zNJB	CHAR	8	(IBM name: SMF26NJB) Original job identification.
zNDV	CHAR	8	(IBM name: SMF26NDV) Job transmitter device name.
zNON	CHAR	8	(IBM name: SMF26NON) Original node name.
zNXN	CHAR	8	(IBM name: SMF26NXN) Processing node name.

zNNM	CHAR	8	(IBM name: SMF26NNM) Next node name.
zNLN	CHAR	8	(IBM name: SMF26NLN) Last node name.
zUSERID	CHAR	8	(IBM name: SMF26SUI) Submitting userid.
zNN	CHAR	8	(IBM name: SMF26NN) Job end execution notify node.
zNU	CHAR	8	(IBM name: SMF26NU) Job end execution notify userid.

Secondary segment: SMF026_Routing

Field Name	Type	Len	Description
<i>SMF026_Routing.<fieldname></i>			
zLN5	INT	2	(IBM name: SMF26LN5) Length of routing section (including this field).
zINR	HEX	4	(IBM name: SMF26INR) Input route code. These fields are defined as follows: X'00010000' indicated local routing. X'nnrrnnnn' indicates remote routing, and X'0000nnnn' indicates special local routing. This field is always set regardless of the number of remotes specified for the system.
zPRD	HEX	4	(IBM name: SMF26PRD) Default print route code. These fields are defined as follows: X'00010000' indicated local routing. X'nnrrnnnn' indicates remote routing, and X'0000nnnn' indicates special local routing. This field is always set regardless of the number of remotes specified for the system.
zPUD	HEX	4	(IBM name: SMF26PUD) Default punch route code. These fields are defined as follows: X'00010000' indicated local routing. X'nnrrnnnn' indicates remote routing, and X'0000nnnn' indicates special local routing. This field is always set regardless of the number of remotes specified for the system.

Secondary segment: SMF026_Print

Field Name	Type	Len	Description
<i>SMF026_Print.<fieldname></i>			
zLN6	INT	2	(IBM name: SMF26LN6) Length of print section including this field.
zEBT	INT	4	(IBM name: SMF26EBT) Estimated SYSOUT byte count.
zXBT	INT	4	(IBM name: SMF26XBT) Actual SYSOUT byte count.
zEPG	INT	4	(IBM name: SMF26EPG) Estimated page count.
zXPG	INT	4	(IBM name: SMF26XPG) Actual page count. For page mode data sets, JES2 updates the page count when it encounters a 'begin page' indicator in the data stream header.
zEFM	CHAR	8	(IBM name: SMF26EFM) Output form number. This field is set regardless of the number of characters in the forms field.

Secondary segment: SMF026_Triplet

Field Name	Type	Len	Description
<i>SMF026_Triplet.<fieldname></i>			
zLN7	INT	2	(IBM name: SMF26LN7) Length of triplet section.
zOAG	INT	4	(IBM name: SMF26OAG) Offset of accounting section.
zLAG	INT	2	(IBM name: SMF26LAG) Length of accounting section (including length of field SMF26LN8).
zNAG	INT	2	(IBM name: SMF26NAG) Number of accounting sections.
zOWL	INT	4	(IBM name: SMF26OWL) Offset of Workload Management section.
zLWL	INT	2	(IBM name: SMF26LWL) Length of Workload Management section.
zNWL	INT	2	(IBM name: SMF26NWL) Number of Workload Management sections.
zOJC	INT	4	(IBM name: SMF26OJC) Offset of Job Correlator section.
zLJC	INT	2	(IBM name: SMF26LJC) Length of Job Correlator section.
zNJC	INT	2	(IBM name: SMF26NJC) Number of Job Correlator sections.
zOEC	INT	4	(IBM name: SMF26OEC) Offset of Encryption/Compression section.
zLEC	INT	2	(IBM name: SMF26LEC) Length of Encryption/Compression section.
zNEC	INT	2	(IBM name: SMF26NEC) Number of Encryption/Compression sections.

Secondary segment: SMF026_Accounting

Field Name	Type	Len	Description
<i>SMF026_Accounting.<fieldname></i>			
zLN8	INT	2	(IBM name: SMF26LN8) Length of accounting section.
zNRA	INT	1	(IBM name: SMF26NRA) Number of accounting pairs.
zAC1	VCHAR	1 1001	(IBM name: SMF26AC1) An accounting pair consists of a 1-byte length field, which contains the length of the following string. The string contains accounting data. If the length field is zero, there is no following string.

Secondary segment: SMF026_Workload_Management

Field Name	Type	Len	Description
<i>SMF026_Workload_Management.<fieldname></i>			
zWCL	CHAR	8	(IBM name: SMF26WCL) Service class name at the time of execution.

zWOC	CHAR	8	(IBM name: SMF26WOC) Original service class (assigned by WLM classification when the job finished conversion).
SMF026_Workload_Management.zWIN.<fieldname>			
zWLM	BIT	1	Job ran in MODE=WLM
zSJ	BIT	1	Job ran because of \$\$ J
SMF026_Workload_Management.<fieldname>			
zWJC	CHAR	8	(IBM name: SMF26WJC) Eight character job class (padded on right with blanks).
zWSE	CHAR	16	(IBM name: SMF26WSE) Sixteen character scheduling environment (padded on right with blanks).

Secondary segment: **SMF026_Job_Correlator**

Field Name	Type	Len	Description
SMF026_Job_Correlator.<fieldname>			
zJCR	CHAR	64	(IBM name: SMF26JCR) Job correlator of the job being purged.

Secondary segment: **SMF026_Encryption_Compression**

Field Name	Type	Len	Description
SMF026_Encryption_Compression.<fieldname>			
zBYU	INT	8	(IBM name: SMF26BYU) Total job uncompressed byte count.
zBYC	INT	8	(IBM name: SMF26BYC) Total job compressed byte count.
zCCT	INT	4	(IBM name: SMF26CCT) Compressed data set count.
zECT	INT	4	(IBM name: SMF26ECT) Encrypted data set count.

Record Type 30 - Common Address Space Work

SMF Record 30 (Common Address Space Work) is mapped by structure member "T030".

Primary Segment:

- [SMF030_Common_Address_Space_Work](#)

Secondary Segment(s): 18 (in alphabetical order)

- [SMF030_z_OS_UNIX_Process](#)
- [SMF030_zEDC_Usage_Statistics](#)
- [SMF030_Accounting](#)
- [SMF030_Automatic_Restart_Management](#)
- [SMF030_APPC_MVS_Cumulative_Resource](#)
- [SMF030_APPC_MVS_Resource](#)
- [SMF030_Completion](#)
- [SMF030_Counter_Data](#)
- [SMF030_EXCP](#)
- [SMF030_Identification](#)
- [SMF030_IO_Activity](#)
- [SMF030_Multisystem_Enclave_Remote_System_Data](#)
- [SMF030_Operator](#)
- [SMF030_Performance](#)
- [SMF030_Processor_Accounting](#)
- [SMF030_Storage_and_Paging](#)
- [SMF030_Subsystem](#)
- [SMF030_Usage_Data](#)

Primary segment: [SMF030_Common_Address_Space_Work](#)

Field Name	Type	Len	Description
<i>SMF030_Common_Address_Space_Work.<fieldname></i>			
SMF030_Common_Address_Space_Work.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF30FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF30RTY) Record type 30 (X'1E').
zTME	TSTMP	8	(IBM name: SMF30TME) Date/Time that the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF30SID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF30WID) Work type indicator for the address space. The value identifies the type of address space that is being reported on (for example: 'STC' for started tasks and system address spaces, 'TSO' for TSO/E users, etc).
zSTY	INT	2	(IBM name: SMF30STP) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype - short expansion. 'Job Start' = Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 'Activity(2)' = Activity since previous interval ended. 'Activity(3)' = Activity for the last interval before step termination. 'Step Total' = Step total. 'Job Term' = Job termination or termination of other work unit. 'SysAddr Space' = System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.

zSOF	INT	4	(IBM name: SMF30SOF) Offset to subsystem section from start of record, including the record descriptor word (RDW).
zSLN	INT	2	(IBM name: SMF30SLN) Length of subsystem section.
zSON	INT	2	(IBM name: SMF30SON) Number of subsystem sections.
zIOF	INT	4	(IBM name: SMF30IOF) Offset to identification section from start of record, including the record descriptor word (RDW).
zILN	INT	2	(IBM name: SMF30ILN) Length of identification section.
zION	INT	2	(IBM name: SMF30ION) Number of identification sections.
zUOF	INT	4	(IBM name: SMF30UOF) Offset to I/O activity section from start of record, including the record descriptor word (RDW).
zULN	INT	2	(IBM name: SMF30ULN) Length of I/O activity section.
zUON	INT	2	(IBM name: SMF30UON) Number of I/O activity sections.
zTOF	INT	4	(IBM name: SMF30TOF) Offset to completion section from start of record, including the record descriptor word (RDW).
zTLN	INT	2	(IBM name: SMF30TLN) Length of completion section.
zTON	INT	2	(IBM name: SMF30TON) Number of completion sections.
zCOF	INT	4	(IBM name: SMF30COF) Offset to processor section from start of record, including the record descriptor word (RDW).
zCLN	INT	2	(IBM name: SMF30CLN) Length of processor section.
zCON	INT	2	(IBM name: SMF30CON) Number of processor sections.
zAOF	INT	4	(IBM name: SMF30AOF) Offset to accounting section from start of record, including the record descriptor word (RDW).
zALN	INT	2	(IBM name: SMF30ALN) Total length of the single accounting section.
zAON	INT	2	(IBM name: SMF30AON) Number of variable length text segments.
zROF	INT	4	(IBM name: SMF30ROF) Offset to storage section from start of record, including the record descriptor word (RDW).
zRLN	INT	2	(IBM name: SMF30RLN) Length of storage section.
zRON	INT	2	(IBM name: SMF30RON) Number of storage sections.
zPOF	INT	4	(IBM name: SMF30POF) Offset to performance section from start of record, including the record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF30PLN) Length of the performance section.
zPON	INT	2	(IBM name: SMF30PON) Number of performance sections.
zOOF	INT	4	(IBM name: SMF30OOF) Offset to operator section from start of record, including the record descriptor word (RDW).

zOLN	INT	2	(IBM name: SMF30OLN) Length of the operator section.
zOON	INT	2	(IBM name: SMF30OON) Number of operator sections.
zEOF	INT	4	(IBM name: SMF30EOF) Offset to the execute channel program (EXCP) section from start of record, including the record descriptor word (RDW).
zELN	INT	2	(IBM name: SMF30ELN) Length of the execute channel program (EXCP) section, in this record.
zEON	INT	2	(IBM name: SMF30EON) Number of execute channel program (EXCP) sections in this record.
zEOR	INT	2	(IBM name: SMF30EOR) Number of execute channel program (EXCP) sections in subsequent records. When this number exceeds two bytes, it is not valid. See zEOS for the correct value.
zRVD	CHAR	2	(IBM name: SMF30RVD) Reserved.
zEOS	INT	4	(IBM name: SMF30EOS) Number of execute channel program (EXCP) sections in subsequent records.
zDRO	INT	4	(IBM name: SMF30DRO) Offset to APPC/MVS resource section from start of record, including the record descriptor word (RDW).
zDRL	INT	2	(IBM name: SMF30DRL) Length of APPC/MVS resource section.
zDRN	INT	2	(IBM name: SMF30DRN) Number of APPC/MVS resource sections in this record (this number is 0 OR 1).
zARO	INT	4	(IBM name: SMF30ARO) Offset to APPC/MVS cumulative resource section from start of record, including the record descriptor word (RDW).
zARL	INT	2	(IBM name: SMF30ARL) Length of APPC/MVS cumulative resource section.
zARN	INT	2	(IBM name: SMF30ARN) Number of APPC/MVS cumulative resource sections in this record (this number is 0 OR 1).
zOPO	INT	4	(IBM name: SMF30OPO) Offset to OpenMVS process section.
zOPL	INT	2	(IBM name: SMF30OPL) Length of z/OS UNIX process section.
zOPN	INT	2	(IBM name: SMF30OPN) Number of z/OS UNIX process sections on current record.
zOPM	INT	4	(IBM name: SMF30OPM) Number of z/OS UNIX process sections on subsequent records.
zUDO	INT	4	(IBM name: SMF30UDO) Offset to first usage data section from the start of the record, including the record descriptor word (RDW).
zUDL	INT	2	(IBM name: SMF30UDL) Length of each usage data section - '76'.
zUDN	INT	2	(IBM name: SMF30UDN) Number of usage data sections in this record.
zUDS	INT	4	(IBM name: SMF30UDS) Number of usage data sections in subsequent records.
zRMO	INT	4	(IBM name: SMF30RMO) Offset to first automatic restart management section.
zRML	INT	2	(IBM name: SMF30RML) Length of automatic restart management section.
zRMN	INT	2	(IBM name: SMF30RMN) Number of automatic restart management sections.

zRMS	INT	4	(IBM name: SMF30RMS) Number of automatic restart management sections in subsequent records.
zMOF	INT	4	(IBM name: SMF30MOF) Offset to the Multisystem Enclave Remote Data section.
zMLN	INT	2	(IBM name: SMF30MLN) Length of MultiSystem Enclave Remote System Data section.
zMNO	INT	2	(IBM name: SMF30MNO) Number of MultiSystem Enclave Remote System Data sections in this record.
zMOS	INT	4	(IBM name: SMF30MOS) Number of MultiSystem Enclave Remote System Data sections in subsequent records.
zCDO	INT	4	(IBM name: SMF30CDO) Offset to the Counter Data Section.
zCDL	INT	2	(IBM name: SMF30CDL) Length of a Counter Data Section.
zCDN	INT	2	(IBM name: SMF30CDN) Number of Counter Data Sections.
zUSO	INT	4	(IBM name: SMF30USO) Offset to the zEDC usage statistics section.
zUSL	INT	2	(IBM name: SMF30USL) Length of the zEDC usage statistics section.
zUSN	INT	2	(IBM name: SMF30USN) Number of zEDC usage statistics sections.

Secondary segment: SMF030_Subsystem

Field Name	Type	Len	Description
<i>SMF030_Subsystem.<fieldname></i>			
zTYP	INT	2	(IBM name: SMF30TYP) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zTYPe	INT (ENUM)	2	(IBM name: N/A) Record subtype - short expansion. 'Job Start' = Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 'Activity(2)' = Activity since previous interval ended. 'Activity(3)' = Activity for the last interval before step termination. 'Step Total' = Step total. 'Job Term' = Job termination or termination of other work unit. 'SysAddr Space' = System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zRS1	CHAR	2	(IBM name: SMF30RS1) Reserved.
zRVN	CHAR	2	(IBM name: SMF30RVN) Record version number Value Meaning '05' MVS/SP Version 5 '04' MVS/SP Version 4 '03' MVS/SP Version 3 '02' MVS/SP Version 2 '01' VS2
zPNM	CHAR	8	(IBM name: SMF30PNM) Subsystem or product name, for example SMF.
zOSL	CHAR	8	(IBM name: SMF30OSL) Code string for the operating system level to represent the version, release, and modification level as described for CVTPROD. Guaranteed to be larger in each release.
zSYN	CHAR	8	(IBM name: SMF30SYN) System name (from the SYSNAME parameter in the IEASYSxx parmlib

			member).
zSYP	CHAR	8	(IBM name: SMF30SYP) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).

Secondary segment: SMF030_Identification

Field Name	Type	Len	Description
<i>SMF030_Identification.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: SMF30JBN) Job or session name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification.
zPGM	CHAR	8	(IBM name: SMF30PGM) Program name (taken from PGM= parameter on EXEC card). If a backward reference was used, this field contains PGM=*.DD.
zSTM	CHAR	8	(IBM name: SMF30STM) Step name (taken from name on EXEC card).
zUSERID	CHAR	8	(IBM name: SMF30UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zJESJOB	CHAR	8	(IBM name: SMF30JNM) JES job identifier. Jobs scheduled by the APPC/MVS transaction scheduler (ASCH) start with an 'A' followed by a seven-digit number.
zSTN	INT	2	(IBM name: SMF30STN) Step number (first step = 1, and so on).
zCLS	CHAR	1	(IBM name: SMF30CLS) Job class (blank for TSO/E session or started tasks).

SMF030_Identification.zJF1.<fieldname>

zJobID	BIT	1	Job/Session id section flag.
--------	-----	---	------------------------------

SMF030_Identification.<fieldname>

zPGN	INT	2	(IBM name: SMF30PGN) Beginning with z/OS V1R3, this field is always zero.
zJPT	INT	2	(IBM name: SMF30JPT) JES input priority. If no value is specified for the PRTY parameter (on the JOB card), this field contains: v For JES3, the default priority specified on the JES3 STANDARDS initialization card v For JES2, a zero. Note that JES2 does not use the priority value reported in the field. (The JES2 job selection priority is requested using the JES2 PRIORITY control statement.)
zAST	TIME	4	(IBM name: SMF30AST) Device allocation start time.
zPPS	TIME	4	(IBM name: SMF30PPS) Problem program start time.
zSIT	TSTMP	8	(IBM name: SMF30SIT) Date/Time that the initiator selected this step or job.
zRST	TSTMP	8	(IBM name: SMF30RST) Date/Time that the reader recognized the JOB card (for this job).
zRET	TIME	4	(IBM name: SMF30RET) Time that the reader recognized the end of the JCL being read for the job or started task (reader stop time). For TSO/E this is the logon enqueue time.
zRED	DATE	4	(IBM name: SMF30RED) Date that the reader recognized the end of the JCL being read for the job or started task (reader stop date), in the form 0 CYYDDDF.

zUSR	CHAR	20	(IBM name: SMF30USR) Programmer's name.
zGRP	CHAR	8	(IBM name: SMF30GRP) RACF group ID. 0 = RACF is not active.
zRUD	CHAR	8	(IBM name: SMF30RUD) RACF user ID. 0 = RACF is not active.
zTID	CHAR	8	(IBM name: SMF30TID) RACF terminal ID. This field is zero if RACF is not active (or the user is not a terminal user).
zTSN	CHAR	8	(IBM name: SMF30TSN) Terminal symbolic name.
zPSN	CHAR	8	(IBM name: SMF30PSN) The name of the step that invoked the procedure. This field contains blanks if not part of a procedure.
zCL8	CHAR	8	(IBM name: SMF30CL8) 8-character job class (left justified, padded with blanks). For JES2, taken from the zCLS field (if not specified), 'TSU' for TSO sessions, or 'STC' for started tasks. For JES3, taken from the CLASS parameter on the // * MAIN card (if valid), or the default (JS3BATCH).
zISS	TSTMP	8	(IBM name: SMF30ISS) Time and date that the interval started for SubType 2 AND 3 RECORDS, in time-of-day (TOD) format, an unsigned 64-bit fixed-point number where bit 51 IS equivalent to 1 MICROSECOND. The representation of this value in local time is stored in zIST and zIDT. Variations in setting the local time can make the times appear to be out of synchronization.
zIET	TSTMP	8	(IBM name: SMF30IET) Time and date that the interval ended for SubType 2 AND 3 RECORDS, in time-of-day (TOD) format, an unsigned 64-bit fixed-point number where bit 51 IS equivalent to 1 MICROSECOND. If you requested synchronized interval recording, you can use this field to compare this record with other records generated at the end of the same interval. If the address space being reported was not swapped in when the interval ended, then the time contained in this field might be earlier than the time that the record was generated.
zSSN	INT	4	(IBM name: SMF30SSN) Substep number. This field is set to zero for non-z/OS UNIX steps. When the z/OS UNIX exec function is requested, a new substep is begun and this value is incremented.
zEXN	CHARZ	16	(IBM name: SMF30EXN) Program name. For a z/OS UNIX program, this contains the name, for up to 16 BYTES, starting after the last slash in the file name, of the program that was run. The z/OS UNIX name ends with the null character X'00'. For an MVS program, it is an unqualified name of up to 8 CHARACTERS of the program that was executed. The MVS program name is padded with blanks to a length of 16 CHARACTERS. For example, for a z/OS UNIX name of /usr/joe/somepgm, the field in SMF record type 30 IS somepgm ended by X'00'. For a z/OS UNIX name of /usr/joe/someverylongprogramname, the field is truncated to someverylongprog.
zASI	INT	2	(IBM name: SMF30ASI) Address space identifier.
zCOR	CHAR	64	(IBM name: SMF30COR) JES job correlator.

Secondary segment: SMF030_IO_Activity

Field Name	Type	Len	Description
<i>SMF030_IO_Activity.<fieldname></i>			
zINP	INT	4	(IBM name: SMF30INP) Number of card-image records in DD DATA and DD* data sets read by the reader for the map. This field is not set for SubTypes 2 OR 3.
zTEP	INT	4	

			(IBM name: SMF30TEP) Total blocks transferred (accumulated execute channel program (EXCP) counts - valid up to 'X'FFFFFFF', zero and invalid when zTEF is set)
zTPT	INT	4	(IBM name: SMF30TPT) Number of TPUTS (terminal writes) for a TSO/E session. If a batch job or a started task successfully processes TPUTs, this field might be non-zero for batch jobs or started tasks.
zTGT	INT	4	(IBM name: SMF30TGT) Number of TGETS (terminal reads) for a TSO/E session.
zRDR	INT	1	(IBM name: SMF30RDR) Reader device class as defined in JESPARMS. 0 - for TSO/E sessions or started tasks.
zRDT	INT	1	(IBM name: SMF30RDT) Reader device type as defined in JESPARMS. 0 - for TSO/E sessions or started tasks.
zTCN	INT	4	(IBM name: SMF30TCN) Total device connect time (in 128 MICRO-SECOND units) for this address space. For a DIV object, this field contains total device connect time for reads, writes, and re-reads.

SMF030_IO_Activity.zDCF.<fieldname>

zDevConWrong	BIT	1	DEVICE connect time may be incorrect. If this flag is set, the system resources manager (SRM) disabled the channel measurement while the job was running. If channel measurement is disabled, device connect time is not recorded. Thus, if this bit is set, zTCN and zDCT reflect less than the actual total connect time.
zIncomplete	BIT	1	Fields zAIC, zEIC, zAID, zEID, zAIW, zEIW, zAIS, zEIS contain incomplete data. (SRM could not deliver deltas or values for this interval.)
zTEPInvalid	BIT	1	zTEP Field value is invalid

SMF030_IO_Activity.<fieldname>

zRSB	CHAR	2	(IBM name: SMF30RSB) Reserved.
zTRR	INT	4	(IBM name: SMF30TRR) Total address space REREAD count.
zAIC	TIME	4	(IBM name: SMF30AIC) DASD I/O connect time, in 128-microsecond units, for address space plus dependent enclaves. Note that the value of RqsvAIC for FICON® channel utilization cannot be calculated. For more information.
zAID	TIME	4	(IBM name: SMF30AID) DASD I/O disconnect time, in 128-microsecond units, for address space plus dependent enclaves.
zAIW	TIME	4	(IBM name: SMF30AIW) DASD I/O pending plus control unit queue time, in 128-microsecond units, for address space plus dependent enclaves.
zAIS	INT	4	(IBM name: SMF30AIS) DASD I/O start subchannel count for address space plus dependent enclaves.
zEIC	TIME	4	(IBM name: SMF30EIC) DASD I/O connect time, in 128-microsecond units, for independent enclaves owned by the address space. Note that the value of RqsvEIC for FICON channel utilization cannot be calculated. For more information.
zEID	TIME	4	(IBM name: SMF30EID) DASD I/O disconnect time, in 128-microsecond units, for independent enclaves owned by the address space.
zEIW	TIME	4	(IBM name: SMF30EIW) DASD I/O pending plus control unit queue time, in 128-microsecond units, for independent enclaves owned by the address space.
zEIS	INT	4	(IBM name: SMF30EIS) DASD I/O start subchannel count for independent enclaves.
zTEX	INT	8	

			(IBM name: SMF30TEX) Total blocks transferred - accumulated EXCP counts. This field is the 8-byte equivalent of zTEP, but this field remains valid after zTEP is invalid.
zDAS	INT	4	(IBM name: SMF30DAS) Number of DDs that had their DD accounting information suppressed.

Secondary segment: SMF030_Completion

Field Name	Type	Len	Description
<i>SMF030_Completion.<fieldname></i>			
zSCC	HEX	2	<p>(IBM name: SMF30SCC) Step completion code: X'0ccc' indicates system abnormal endof task (abend) in the job step where ccc is the system abend code. (See z/OS MVS System Codes.) X'8ccc' indicates user abend in the job step where ccc is the user abend code. X'nnnn' indicates normal completion where nnnn is the contents of the two low-order bytes in register 15 at termination. X'0000' indicates one of the following: - The job step was flushed (not processed) because of an error during allocation or in a preceding job step. - The job step terminated with an abend code ending in X'0D'. In this case, zSCC contains the value from the low-order two bytes of the TCBCMPC field, which may contain zeros. - Normal job step completion with a return code of 0. Use this field in conjunction with the job/step termination indicator field, zSTI.</p> <p>Job completion code: X'0ccc' indicates system ABEND in the last job step where ccc is the system abend code. (See z/OS MVS System Codes.) X'8ccc' indicates user abend in the job step where ccc is the user abend code. X'nnnn' indicates normal completion where nnnn is the contents of the two low-order bytes in register 15 at termination. X'0000' indicates one of the following (see note): - The last job step was flushed (not processed) because of an error during allocation or in a preceding job step. - The job step terminated with an abend code ending in X'0D'. In this case, zSCC contains the value from the low-order two bytes of the TCBCMPC field, which may contain zeros. - Normal job completion with a return code of 0. Use this field in conjunction with the job/step termination indicator field, zSTI.</p> <p>Note: When a step in a multi-step job terminates abnormally, the subsequent steps, whether executed or flushed, do not propagate the step abend code for processing this record. The code appears in the step termination record (SubType 4). In this case, the field, zSCC, can contain X'nnnn' or X'0000'. If an abend occurred in the job, the job termination indicator (bit zFlushed in the zSTI field) indicates a user abend if the value is 0 (zero).</p>

<i>SMF030_Completion.zSTI.<fieldname></i>			
zReserved	BIT	1	RESERVED
zIEFUJV	BIT	1	CANCELED by exit IEFUJV.
zIEFUJI	BIT	1	CANCELED by exit IEFUJI.
zIEFUSI	BIT	1	CANCELED by exit IEFUSI.
zIEFACTRT	BIT	1	CANCELED by exit IEFACRT.
zRestart	BIT	1	Step is to be restarted.
zAbended	BIT	1	If zero, then normal completion. If 1, then abnormal end of task (abend). If step completion code equals 0322 or 0522, then IEFUTL caused the abend. If step completion code equals 0722, then IEFUSO caused the abend.
zFlushed	BIT	1	If zero, then normal completion. If 1, then step was flushed.

zEXCPCount	BIT	1	EXCP counts might be incorrect because the record did not include all the DD statements.
zNoWrite	BIT	1	Previous interval record was not written because an error occurred. The cumulative count might be incorrect because the counters were cleared.
zEXCPMerge	BIT	1	EXCP sections were not merged from the interval to the step record or from the step to the job record.
zPostExecute	BIT	1	Step completed with a 'post execution' error. Post-execution errors include a failure that occurred because the ALLOCxx parmlib member specified CATLG_ERR FAILJOB(YES).
zUnixExec	BIT	1	Step completed due to z/OS UNIX exec function request.
zCOND	BIT	1	Job abnormally ended because of COND= condition on the JOB card. This flag will be set on in the SubType 5 Job termination record only.
zEvict	BIT	1	Job was evicted via the \$EJnn,STEP,HOLD or equivalent command. This bit is set for SubType 4 (step end) records only.

SMF030_Completion.<fieldname>

zARC	INT	4	(IBM name: SMF30ARC) Abend reason code.
------	-----	---	--

Secondary segment: SMF030_Processor_Accounting

Field Name	Type	Len	Description
<i>SMF030_Processor_Accounting.<fieldname></i>			
zPTY	INT	2	(IBM name: SMF30PTY) Reserved.

SMF030_Processor_Accounting.zTFL.<fieldname>

zTimer	BIT	1	Indicates that timer flags are used.
zCPTx	BIT	1	zCPT has an invalid value due to a timer value calculation error.
zCPSx	BIT	1	zCPS has an invalid value due to a timer value calculation error.
zJVUx	BIT	1	zJVU has an invalid value due to a timer value calculation error.
zJVAx	BIT	1	zJVA has an invalid value due to a timer value calculation error.
zISBx	BIT	1	zISB has an invalid value due to a timer value calculation error.
zICUx	BIT	1	zICU has an invalid value due to a timer value calculation error.
zIVUx	BIT	1	zIVU has an invalid value due to a timer value calculation error.
zIVAx	BIT	1	zIVA has an invalid value due to a timer value calculation error.
zIIPx	BIT	1	zIIP has an invalid value due to a timer value calculation error.
zHPTx	BIT	1	zHPT has an invalid value due to a timer value calculation error.
zRCTx	BIT	1	zRCT has an invalid value due to a timer value calculation error.
zASRx	BIT	1	zASR has an invalid value due to a timer value calculation error.
zENCx	BIT	1	

			zENC has an invalid value due to a timer value calculation error.
zDETx	BIT	1	zDET has an invalid value due to a timer value calculation error.

SMF030_Processor_Accounting.<fieldname>			
zCPT	TIME	4	(IBM name: SMF30CPT) All standard CPU step time. Includes enclave time, preempt-able class SRB time, client SRB time. Also includes time consumed by zAAP or zIIP eligible work running on a standard processor. This value includes the value in field zOST.
zCPS	TIME	4	(IBM name: SMF30CPS) Step CPU time under the service request block (SRB). You can calculate the SRB time in microseconds (1/100 of a second) using the following formula: (zSRB*10)/zSRC * zSUS/16 = SRB time in microseconds. This value includes the value in field zOST.
zICU	TIME	4	(IBM name: SMF30ICU) Initiator CPU time under the task control block (TCB). This field is set at step termination. zICU = zICU_STEP_INIT (for this step) + zICU_STEP_TERM (from the previous step)
zISB	TIME	4	(IBM name: SMF30ISB) Initiator CPU time under the service request block (SRB). This field is set at step termination. zISB = zISB_STEP_INIT (for this step) + zISB_STEP_TERM (from the previous step)
zJVU	TIME	4	(IBM name: SMF30JVU) Step vector CPU time.
zIVU	TIME	4	(IBM name: SMF30IVU) Initiator vector CPU time. This field is set at step termination.
zJVA	TIME	4	(IBM name: SMF30JVA) Step vector affinity time.
zIVA	TIME	4	(IBM name: SMF30IVA) Initiator vector affinity time. This field is set at step termination.
zIST	TSTMP	8	(IBM name: SMF30IST) Interval start time for type 30 SubType 2 AND 3 RECORDS.
zIIP	TIME	4	(IBM name: SMF30IIP) Amount of CPU time used to process I/O interrupts.
zRCT	TIME	4	(IBM name: SMF30RCT) Amount of CPU time used by the region control task (RCT).
zHPT	TIME	4	(IBM name: SMF30HPT) CPU time consumed for the step to support requests for data to be transferred between a hiperspace and an address space, when the hiperspace is backed by expanded storage. The CPU time may vary depending on the availability of expanded storage.
zCSC	INT	4	(IBM name: SMF30CSC) Integrated Cryptographic Service Facility/MVS (ICSF/MVS) service count. This is the number of cryptographic instructions executed on behalf of caller (within caller's address space).
zDMI	INT	4	(IBM name: SMF30DMI) ADMF-Number of pages moved with ADMF WRITE operation.
zDMO	INT	4	(IBM name: SMF30DMO) ADMF-Number of pages moved with ADMF READ operation.
zASR	TIME	4	(IBM name: SMF30ASR) Additional CPU time accumulated by the preemptible SRBs and client SRBs for this job. This value is also included in the value in zCPT.
zENC	INT	4	(IBM name: SMF30ENC) CPU time used by the independent enclave, but only when in

			the WLM enclave. Note that independent enclave time on an IFA is not included. See field z_ENCLAVE_TIME_ON_IFA for that value. zENC is also part of the value in zCPT.
zDET	INT	4	(IBM name: SMF30DET) CPU time used by the dependent enclave, but only when in the WLM enclave. Note that dependent enclave time on an IFA is not included see field z_DEP_ENCLAVE_TIME_ON_IFA for that value. zDET is also part of the value in zCPT.
zCEP	INT	4	(IBM name: SMF30CEP) Cumulative CPU time consumed for an address space or job while enqueue promoted (in 1.024 millisecond units).

SMF030_Processor_Accounting.zTF2.<fieldname>			
z_TIME_ON_IFAx	BIT	1	z_TIME_ON_IFA has an invalid value due to a timer value calculation error.
z_ENCLAVE_TIME_ON_IFAx	BIT	1	z_ENCLAVE_TIME_ON_IFA has an invalid value due to a timer value calculation error.
z_DEP_ENCLAVE_TIME_ON_IFAx	BIT	1	z_DEP_ENCLAVE_TIME_ON_IFA has an invalid value due to a timer value calculation error.
z_TIME_IFA_ON_CPx	BIT	1	z_TIME_IFA_ON_CP has an invalid value due to a timer value calculation error.
z_ENCLAVE_TIME_IFA_ON_CPx	BIT	1	z_ENCLAVE_TIME_IFA_ON_CP has an invalid value due to a timer value calculation error.
z_DEP_ENCLAVE_TIME_IFA_ON_CPx	BIT	1	z_DEP_ENCLAVE_TIME_IFA_ON_CP has an invalid value due to a timer value calculation error.
zCEPIx	BIT	1	Failure in zCEPI.
zCRPx	BIT	1	Failure in zCRP.

SMF030_Processor_Accounting.zT32.<fieldname>			
z_TIME_ON_zIIPx	BIT	1	z_TIME_ON_ZIIP has invalid value.
z_ENCLAVE_TIME_ON_zIIPx	BIT	1	z_ENCLAVE_TIME_ON_ZIIP has invalid value.
z_DEPENC_TIME_ON_zIIPx	BIT	1	z_DEP_ENCLAVE_TIME_ON_ZIIP has invalid value.
z_TIME_zIIP_ON_CPx	BIT	1	z_TIME_ZIIP_ON_CP has invalid value.
z_ENCLAVE_TIME_zIIP_ON_CPx	BIT	1	z_ENCLAVE_TIME_ZIIP_ON_CP has invalid value.
z_DEPENC_TIME_zIIP_ON_CPx	BIT	1	z_DEPENC_TIME_ZIIP_ON_CP has invalid value.

SMF030_Processor_Accounting.zT33.<fieldname>			
z_ENCLAVE_TIME_zIIP_QUALx	BIT	1	z_ENCLAVE_TIME_ZIIP_QUAL has invalid value.
z_DEPENC_TIME_zIIP_QUALx	BIT	1	z_DEPENC_TIME_ZIIP_QUAL has invalid value.

SMF030_Processor_Accounting.z_BoostInfo.<fieldname>			
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval. An SMF30 step-end record will have the 'active' bit on if the bit was on in any interval record created for the step. An SMF30 job record will have the 'active' bit on if the bit was on in any interval record created for the job.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval. An SMF30 step-end record will have the 'active' bit on if the bit was on in any interval record created for the step. An SMF30 job record will have the 'active' bit on if the bit was on in any interval record created for the job.
z_Boost_Class	BINT (ENUM)	3	

SMF030_Processor_Accounting.<fieldname>			
z_TIME_ON_IFA	TIME	4	

			(IBM name: SMF30_TIME_ON_IFA) Accumulation of CPU time spent on zAAP. (includes enclave time).
z_ENCLAVE_TIME_ON_IFA	TIME	4	(IBM name: SMF30_ENCLAVE_TIME_ON_IFA) Accumulation of enclave time spent on zAAP.
z_DEP_ENCLAVE_TIME_ON_IFA	TIME	4	(IBM name: SMF30_DEP_ENCLAVE_TIME_ON_IFA) Accumulation of dependent enclave time spent on zAAP.
z_TIME_IFA_ON_CP	TIME	4	(IBM name: SMF30_TIME_IFA_ON_CP) Accumulation of CPU time spent running zAAP eligible work on a standard CP. (includes enclave time).
z_ENCLAVE_TIME_IFA_ON_CP	TIME	4	(IBM name: SMF30_ENCLAVE_TIME_IFA_ON_CP) Accumulation of zAAP enclave time spent on a standard CP.
z_DEP_ENCLAVE_TIME_IFA_ON_CP	TIME	4	(IBM name: SMF30_DEP_ENCLAVE_TIME_IFA_ON_CP) Accumulation of zAAP dependent enclave time spent on a standard CP.
zCEPI	INT	4	(IBM name: SMF30CEPI) CPU time consumed for an address space or job while enqueue promoted (in 1.024 millisecond units). Contains only the time consumed during the interval (not cumulative).
z_TIME_ON_zIIP	TIME	4	(IBM name: SMF30_TIME_ON_zIIP) Accumulation of time spent on zIIP. (includes enclave time).
z_ENCLAVE_TIME_ON_zIIP	TIME	4	(IBM name: SMF30_ENCLAVE_TIME_ON_zIIP) Accumulation of enclave time spent on zIIP.
z_DEPENC_TIME_ON_zIIP	TIME	4	(IBM name: SMF30_DEPENC_TIME_ON_zIIP) Accumulation of dependent enclave time spent on zIIP.
z_TIME_zIIP_ON_CP	TIME	4	(IBM name: SMF30_TIME_zIIP_ON_CP) Accumulation of CPU time spent running zIIP eligible work on a standard CP. (includes enclave time).
z_ENCLAVE_TIME_zIIP_ON_CP	TIME	4	(IBM name: SMF30_ENCLAVE_TIME_zIIP_ON_CP) Accumulation of zIIP enclave time spent on a standard CP.
z_DEPENC_TIME_zIIP_ON_CP	TIME	4	(IBM name: SMF30_DEPENC_TIME_zIIP_ON_CP) Accumulation of zIIP dependent enclave time spent on a standard CP.
z_ENCLAVE_TIME_zIIP_QUAL	TIME	4	(IBM name: SMF30_ENCLAVE_TIME_zIIP_QUAL) Normalized enclave time qualified to be on zIIP. Note that qualified time is the SRB time for an enclave that a program (DB2, for example) has identified to Workload Management for zIIP eligibility. The program also indicates the portion of the SRB time intended for eligibility to the zIIP(s). The eligible time achieved is reported in xxx_TIME_ON_ZIIP and xxx_TIME_ZIIP_ON_CP fields.
z_DEPENC_TIME_zIIP_QUAL	TIME	4	(IBM name: SMF30_DEPENC_TIME_zIIP_QUAL) Normalized dependent enclave time qualified to be on zIIP. Note that qualified time is the SRB time for an enclave that a program (DB2, for example) has identified to Workload Management for zIIP eligibility. The program also indicates the portion of the SRB time intended for eligibility to the zIIP(s). The eligible time achieved is reported in xxx_TIME_ON_ZIIP and xxx_TIME_ZIIP_ON_CP fields.
zCRP	INT	4	(IBM name: SMF30CRP) CPU time consumed for an address space or job while promoted because of chronic resource contention (in 1.024 millisecond units). For interval records, this field contains only the time consumed during the interval itself.
zICU_Step_Term	INT	4	(IBM name: SMF30ICU_Step_Term) CPU TCB time spent by the Initiator during job step termination processing. This field is the step termination portion of zICU that is reported in the next step end record.
zICU_Step_Init	INT	4	(IBM name: SMF30ICU_Step_Init) CPU TCB time spent by the Initiator during job step initialization processing. This field is the step initialization portion of zICU for this step end record.
zISB_Step_Term	INT	4	(IBM name: SMF30ISB_Step_Term) CPU SRB time spent by the Initiator during job step

			termination processing. This field is the step termination portion of zISB that is reported in the next step end record.
zISB_Step_Init	INT	4	(IBM name: SMF30ISB_Step_Init) CPU SRB time spent by the Initiator during job step initialization processing. This field is the step initialization portion of zISB for this step end record.
z_Missed_zBLK	INT	4	(IBM name: N/A) Accumulated value of I/O block counts when serialization could not be obtained for accumulating the value to zBLK. This value is maintained at the job step level as opposed to the DD level of its zBLK counterpart.
z_Missed_zDCT	INT	4	(IBM name: N/A) Accumulated value of device connect time when serialization could not be obtained for accumulating the value to zDCT. This value is maintained at the job step level as opposed to the DD level of its zDCT counterpart.
z_Highest_Task_CPU_Percent	INT	2	(IBM name: SMF30_Highest_Task_CPU_Percent) For interval records, the largest percentage of CPU time used by any task in the address space, rounded to the nearest integer. The percentage value is calculated as: TCB time * 100 / interval time. For step-end and job-end records, the value is the largest reported interval value.
z_Highest_Task_CPU_Program	CHAR	8	(IBM name: SMF30_Highest_Task_CPU_Program) Name of the program loaded by the task that used the largest percentage of CPU time in this address space. This field corresponds to z_Highest_Task_CPU_Percent. A value of blanks indicates that no task reported any CPU time in the address space, or that the CPU time could not be obtained. A value of ???????? indicates that the program name could not be obtained for the task that reported the highest percentage of CPU time. 180 BE zCAS_Flag 1 BINARY CPU accounting segment flags. Bit Meaning when set 0 zCAS_INELIGHONORPRIORITY indicates eligible work in this address space is not offloaded to CPs for help processing. Once this bit is set on for a job interval or step-end record, this bit will also be set on for step-total and job-end records. 181 BF zCAS_ROBB 1 BINARY Reserved.

SMF030_Processor_Accounting.zCAS_Flag.<fieldname>			
zCAS_InEligHonorPriority	BIT	1	Eligible work in this address space is not offloaded to CPs for help processing. Once this bit is set on for a job interval or step-end record, this bit will also be set on for step-total and job-end records.

SMF030_Processor_Accounting.<fieldname>			
zCAS_ROBB	INT	1	(IBM name: SMF30CAS_ROBB) Reserved.

SMF030_Processor_Accounting.zCAS_OA54589.<fieldname>			
---	--	--	--

SMF030_Processor_Accounting.zCAS_OA54589.zOSPROTECT1.<fieldname>			
OSPROTECT	BIT	1	ON => OSPROTECT=1 is in effect.
OSPROTECT_1	BIT	1	ON => OSPROTECT=1 is in effect.

SMF030_Processor_Accounting.zCAS_OA54589.<fieldname>			
zOSPROTECT4	HEX	1	The bits are defined as follows. (Bits not specified are reserved but might not be 0.) X'10'on => This job step turned on the JSCBAUTH bit at some point after the job step program received control. This can be a normal process for z/OS UNIX. The X'40', X'20', and X'02' bits identify the state of trust, with respect to OSPROTECT=1 functions, as follows: X'02' on, X'40' off => Untrusted X'02' on, X'40' on, X'20' off => Trusted X'02' on, X'40' on, X'20' on => Untrusted

X'02' off => Trusted.

Secondary segment: SMF030_EXCP

Field Name	Type	Len	Description
<i>SMF030_EXCP.<fieldname></i>			
SMF030_EXCP.zEXP.<fieldname>			
zDEV	INT	1	(IBM name: SMF30DEV) Device class.
zUTP	INT	1	(IBM name: SMF30UTP) Unit type.
zCUA	HEX	2	(IBM name: SMF30CUA) Device number.
zDDN	CHAR	8	(IBM name: SMF30DDN) DD Name used to access the data set.
zBLK	INT	4	(IBM name: SMF30BLK) Count of blocks issued for the device against the data set. This field has a maximum value of X'FFFFFFFF' = 4,294,967,295. If it exceeds that value it will wrap to zero and then continue to increase again for additional blocks transferred.
SMF030_EXCP.zEXP.zBSZ.<fieldname>			
zBSZChanged	BIT	1	Changed blocksize for the data set. Post processors should use this field to avoid the possibility of negative numbers.
zBSZLarge	BINT	15	Largest blocksize of the data set.
SMF030_EXCP.zEXP.<fieldname>			
zDCT	INT	4	(IBM name: SMF30DCT) Device connect time for this data set (in 128 MICRO-SECOND units). For DIV object, device connect time is not collected by SMF. however, this field may not always be zero. For example, if a user is using a DIV data set and calls a VSAM utility to process it using the same DD statement, this will result in device connect time being charged by VSAM to the DIV object.
zXBS	INT	8	(IBM name: SMF30XBS) Block size value.

Secondary segment: SMF030_Accounting

Field Name	Type	Len	Description
<i>SMF030_Accounting.<fieldname></i>			
zACL	INT	1	(IBM name: SMF30ACL) Length of accounting section (excluding this field).
zACT	XVCHAR	0 256	(IBM name: SMF30ACT) Job or step accounting field.

Secondary segment: SMF030_Storage_and_Paging

Field Name	Type	Len	Description
<i>SMF030_Storage_and_Paging.<fieldname></i>			

zRSV	INT	2	(IBM name: SMF30RSV) Note that zRGN, formerly a two-byte field at this offset, has been increased to four bytes and moved to the end of the Storage and Paging Section.
SMF030_Storage_and_Paging.zSFL.<fieldname>			
zVirtReal	BIT	1	V=R is specified. This bit has no meaning for SubType 5 records.
zRgnLimit	BIT	1	IEFUSI changed region limit values for the extended private area
zMemLimit	BIT	1	IEFUSI set MEMLIMIT value (even if IEFUSI did not change the value).
zIncomplete	BIT	1	Fields zERS, zKIE, zPOA, zBIA, zKOA, zPOE, zBIE, zKOE, zPSC, zBOA, zLPI, zPSF, zBOE, zNSW, zPSO, zCPI, zPAI, zPST, zCPM, zPEI, zVPI, zHPI, zPIA, zVPO, zHPO, zPIE, zVPR, zKIA contain incomplete data. (SRM could not deliver deltas or values for this interval.)
zInvalTI	BIT	1	The following fields are not valid: zTIH zTIU zTIS. These fields are populated at z/OS 2.4 and later.
SMF030_Storage_and_Paging.<fieldname>			
zSPK	INT	1	(IBM name: SMF30SPK) Storage protect key, in the form xxxx0000 , where xxxx is the key.
zPRV	INT	2	(IBM name: SMF30PRV) Largest amount of storage used from bottom of private area, in 1 K units. This storage area includes subpools 0-127, 129-132, 244, 251 AND 252. If ADDRSPC=REAL is specified, this field equals the amount of contiguous real storage that was used.
zSYS	INT	2	(IBM name: SMF30SYS) Largest amount of storage used from top of private area, in 1K units. This storage area includes the local system queue area (LSQA) and the SWA - subpools 229, 230, 236, 237, 249, and 253-255. If ADDRSPC=REAL is specified, this field equals the amount of storage used that was not from the contiguous real storage reserved for the program.
zPGI	INT	4	(IBM name: SMF30PGI) Number of pages that were paged in from auxiliary storage.
zPGO	INT	4	(IBM name: SMF30PGO) Number of pages that were paged out to auxiliary storage.
zCPM	INT	4	(IBM name: SMF30CPM) Number of attempts to read data from an ESO hiperspace that were not satisfied because the data has been deleted.
zNSW	INT	4	(IBM name: SMF30NSW) Number of address space swap sequences. (A swap sequence consists of an address space swap-out and swap-in. Logical swap-out and swap-in are not included.)
zPSI	INT	4	(IBM name: SMF30PSI) Number of pages swapped in from auxiliary storage to central storage. This field includes: (local system queue area (LSQA), fixed pages, and pages that the real storage manager determined to be active when the address space was swapping in. It does not include page reclaims or pages found in storage during the swap-in process (such as pages brought in by the service request blocks (SRB), started after completion of swap-in Stage 1 PROCESSING).
zPSO	INT	4	(IBM name: SMF30PSO) Number of pages swapped out from central storage to auxiliary storage. This field includes: local system queue area (LSQA), private area fixed pages, and private area non-fixed changed pages.
zVPI	INT	4	(IBM name: SMF30VPI) Number of VIO page-ins from auxiliary storage to central storage for this step. This field includes page-ins resulting from page faults or specific page requests on a VIO window. It does not include VIO swap-ins or page-ins for the common area.
zVPO	INT	4	(IBM name: SMF30VPO) Number of VIO page-outs from central storage to auxiliary storage for this step. This field includes page-outs resulting from specific page

			requests on a VIO window as well as those pages stolen by the paging supervisor through infrequent use. It does not include VIO swap-outs or page-outs for the common area.
zVPR	INT	4	(IBM name: SMF30VPR) Number of VIO reclaimis.
zCPI	INT	4	(IBM name: SMF30CPI) Number of common area page-ins (LPA + CSA) from auxiliary storage to central storage.
zHPI	INT	4	(IBM name: SMF30HPI) Number of hiperspace page-ins from auxiliary to processor storage.
zLPI	INT	4	(IBM name: SMF30LPI) Number of LPA page-ins from auxiliary storage to central storage.
zHPO	INT	4	(IBM name: SMF30HPO) Number of hiperspace page-outs from processor to auxiliary storage.
zPST	INT	4	(IBM name: SMF30PST) Number of pages stolen from this address space.
zPSC	INT	8	(IBM name: SMF30PSC) Number of CPU page seconds for this address space, in page millisecond units. (A page millisecond unit equals 1.024 milliseconds.)
zRGB	INT	4	(IBM name: SMF30RGB) Private area size in bytes (less than 16 MEGABYTES).
zERG	INT	4	(IBM name: SMF30ERG) Private area size in bytes (greater than 16 MEGABYTES).
zARB	INT	4	(IBM name: SMF30ARB) Maximum virtual storage in bytes allocated from the local system queue area (LSQA) and the SWA subpools (less than 16 MEGABYTES).
zEAR	INT	4	(IBM name: SMF30EAR) Maximum virtual storage in bytes allocated from the local system queue area (LSQA) and the SWA subpools (greater than 16 MEGABYTES).
zURB	INT	4	(IBM name: SMF30URB) Maximum virtual storage in bytes allocated from the user subpools (less than 16 MEGABYTES).
zEUR	INT	4	(IBM name: SMF30EUR) Maximum virtual storage in bytes allocated from the user subpools (greater than 16 MEGABYTES).
zRGN	INT	4	(IBM name: SMF30RGN) Region size established, in 1K units, rounded up to a 4K boundary. The contents of this field is determined as follows: v If the ADDRSPC=REAL parameter is specified in the JCL, the contents of this field equals the amount of contiguous central storage reserved for the program. v If the REGION= parameter value in the JCL exceeds 16 MEGABYTES: - If the IEFUSI exit changes the region limit or size above 16 MEGABYTES, the contents of this field equals the changed region limit or size - Otherwise, the contents of this field equals the REGION parameter value (minimum value of 32 MEGABYTES). v If the REGION= parameter value in the JCL equals or is less than 16 MEGABYTES: - If the IEFUSI exit changes the region limit or size below 16 MEGABYTES, the contents of this field equals the changed region limit or size - Otherwise, the contents of this field equals the REGION parameter value. Note: If both the region limit and size are changed, but do not match, the contents of this field equals the smaller of the changed region limit or size.
zDSV	INT	4	(IBM name: SMF30DSV) Amount of user key data space and hiperspace virtual storage (high water mark) used during the step/job (in megabytes). Must be in key 8 OR higher, and the creator of the dataspace must be in problem program state. If these two conditions are not true, this field contains zeros.
zPIE	INT	4	(IBM name: SMF30PIE) Number of unblocked pages that were paged in from expanded storage.
zPOE	INT	4	(IBM name: SMF30POE) Number of unblocked pages that were paged out to expanded

			storage.
zBIA	INT	4	(IBM name: SMF30BIA) Number of blocked pages that were paged in from auxiliary storage.
zBOA	INT	4	(IBM name: SMF30BOA) Number of blocked pages that were paged out to auxiliary storage.
zBIE	INT	4	(IBM name: SMF30BIE) Number of blocked pages that were paged in from expanded storage.
zBOE	INT	4	(IBM name: SMF30BOE) Number of blocked pages that were paged out to expanded storage.
zKIA	INT	4	(IBM name: SMF30KIA) Number of blocks that were paged in from auxiliary storage.
zKOA	INT	4	(IBM name: SMF30KOA) Number of blocks that were paged out to auxiliary storage.
zKIE	INT	4	(IBM name: SMF30KIE) Number of blocks that were paged in from expanded storage.
zKOE	INT	4	(IBM name: SMF30KOE) Number of blocks that were paged out to expanded storage.
zPSF	INT	8	(IBM name: SMF30PSF) Number of CPU page seconds for the IARVSERV shared central storage frames in use by this address space, in page milliseconds.
zPAI	INT	4	(IBM name: SMF30PAI) Number of IARVSERV shared pages that were paged in from auxiliary storage when referenced by a unit of work whose home space was this address space.
zPEI	INT	4	(IBM name: SMF30PEI) Number of IARVSERV shared pages that were paged in from expanded storage in this address space.
zERS	INT	8	(IBM name: SMF30ERS) Expanded storage page residency time in page-milliseconds.
zMEM	INT	8	(IBM name: SMF30MEM) MEMLIMIT value in 1MB units as determined at step initialization time, after IEFUSI processing. An increase in the system default memlimit value is not reflected here. The maximum value of this field is '0000FFFFFFFF000'x that is equivalent to MEMLIMIT having no limit.
zMES	INT (ENUM)	1	(IBM name: SMF30MES) Source of Memlimit which is one of the following: SMF => MEMLIMIT set by SMF. JCL => MEMLIMIT set explicitly in the JCL with MEMLIMIT parameter on JOB or EXEC statement. Unlimited => MEMLIMIT is unlimited based on REGION=0 specification. IEFUSI => MEMLIMIT set by IEFUSI (even if IEFUSI did not change the value). SysDefault => System provided a default for MEMLIMIT based on REGION=0 specification and a subsequent curtailment of REGION in the IEFUSI exit.

SMF030_Storage_and_Paging.zSLM.<fieldname>

zREGIONBELOW	BIT	1	SMFLIM REGIONBELOW acted on the non-extended REGION for this step.
zREGIONABOVE	BIT	1	SMFLIM REGIONABOVE acted on the extended REGION for this step.
zSYSRESVBELOW	BIT	1	SMFLIM SYSRESVBELOW acted on the non-extended REGION for this step.
zSYSRESVABOVE	BIT	1	SMFLIM SYSRESVABOVE acted on the extended REGION for this step.
zMEMLIMIT	BIT	1	SMFLIM MEMLIMIT acted on the MEMLIMIT for this step.
zIEFUSIExit	BIT	1	The IEFUSI exit set the output flag that caused all SMFLIM decision making to be bypassed.

SMF030_Storage_and_Paging.zRAXFLAGS.<fieldname>

zCommonAuditEnabled	BIT	1	
---------------------	-----	---	--

			When zCOMMONAUDITENABLED is on, auditing of user key common storage usage attempts enabled for this step/job. zCSAUSAGE, zCADSUSAGE and zCHANGKEYUSAGE are only applicable when this flag is on.
zCSAUsage	BIT	1	When zCSAUSAGE is on, attempts were made to obtain user key CSA or RUCSA storage for this step/job. This bit is only valid when zCOMMONAUDITENABLED is on. Once this bit is set on for an interval record, this bit will also be set on for all subsequent interval records for this step. Once this bit is set on for a job interval or step-end record, this bit will also be set on for step-total and job-end records.
zCADSUsage	BIT	1	When zCADSUSAGE is on, attempts were made to create a user key CADS for this step/job. This bit is only valid when zCOMMONAUDITENABLED is on. Once this bit is set on for an interval record, this bit will also be set on for all subsequent interval records for this step. Once this bit is set on for a job interval or step-end record, this bit will also be set on for step-total and job-end records.
zChangKeyUsage	BIT	1	When zCHANGKEYUSAGE is on, attempts were made to change the key of common ESQA storage to a user key (via CHANGKEY) for this step/job. This bit is only valid when zCOMMONAUDITENABLED is on. Once this bit is set on for an interval record, this bit will also be set on for all subsequent interval records for this step. Once this bit is set on for a job interval or step-end record, this bit will also be set on for step-total and job-end records.
zRUCSAUsage	BIT	1	When zRUCSAUsage is on, attempts were made to obtain, reference, free, or change the state of RUCSA storage for this step. Once this bit is set within a step, it stays on for that step. This bit will be on in job end records if it is on for any step in the job.
zRUCSAEarlyUsage	BIT	1	When zRUCSAEarlyUsage is on, attempts were made to obtain, reference, free or change the state of user key RUCSA which were permitted during early IPL or started task initialization due to DIAGxx VSM AllowEarlyRUCSA(Yes). Once this bit is set on it will remain on for the life of the address space.

SMF030_Storage_and_Paging.<fieldname>

zHVR	INT	8	(IBM name: SMF30HVR) High water mark for the number of real storage frames that is used to back 64-bit private storage.
zHVA	INT	8	(IBM name: SMF30HVA) High water mark for the amount of auxiliary storage that is used to back 64-bit private storage. This value is a total of the number of paging data set slots and storage-class memory (SCM) blocks.
zHVO	INT	8	(IBM name: SMF30HVO) Amount of 64-bit private storage in bytes that is obtained by this step or job. This includes guarded virtual storage. The zHVO field contains a snapshot value of high virtual private storage allocation. As the memory objects owned by the executed program have already been detached at the time the step or job goes through termination, zHVO contains the memory object size still allocated to the initiator address space, but no longer reflects the memory objects that may have been allocated by the program executed in the job step. In contrast to zHVO, the zHVH field is maintained as a high water mark. Its content reflects the high virtual memory object size that was once allocated by the job step being executed under the initiator address space.
zHVH	INT	8	(IBM name: SMF30HVH) High water mark for the number of usable bytes of 64-bit private storage that is obtained by this step or job. This does not include guarded virtual storage.
zHSO	INT	8	(IBM name: SMF30HSO) Amount of 64-bit IARV64 REQUEST=SHAREMEMOBJ shared storage, in bytes, to which this step or job has addressability or access.
zHSH	INT	8	(IBM name: SMF30HSH) High water mark for the number of usable bytes of 64-bit IARV64 REQUEST=SHAREMEMOBJ shared storage to which this step or job has access.
zTIH	INT	4	

			(IBM name: SMF30TIH) High water mark of TIOT space used for TIOT entries (in bytes.)
zTIU	INT	4	(IBM name: SMF30TIU) Current TIOT space used for TIOT entries (in bytes.) This will only contain a non-zero value for inter-val records, since TIOT entries are freed by unallocation processing at step end and job end.
zTIS	INT	4	(IBM name: SMF30TIS) Size of the TIOT available for TIOT entries (in bytes.) This does not include the space reserved by the system for the TIOT Prefix, Header, and Trailer.
zNumberOfDataSpacesHWM	INT	4	(IBM name: SMF30NumberOfDataSpacesHWM) The high water mark of the number of in use data spaces created by problem state user key DSPSERV invokers during this job step.
zDataSpaceCreateCount	INT	8	(IBM name: SMF30UserDataSpaceCreateReqCount) The total number of data spaces created by problem state user key callers during this job step.

Secondary segment: SMF030_Performance

Field Name	Type	Len	Description
<i>SMF030_Performance.<fieldname></i>			
zSRV	INT	4	(IBM name: SMF30SRV) Total service units. This field grows to X'FFFFFFFF' and then wraps back to zero and continues growing. When wrapping occurs, zSRV_INV is set to on. zSRV_L is the 8-byte equivalent of this field.
zCSU	INT	4	(IBM name: SMF30CSU) CPU service units. This field grows to X'FFFFFFFF' and then wraps back to zero and continues growing. When wrapping occurs, zCSU_INV is set to on. zCSU_L is the 8-byte equivalent of this field.
zSRB	INT	4	(IBM name: SMF30SRB) Service request block (SRB) service units. This field grows to X'FFFFFFFF' and then wraps back to zero and continues growing. When wrapping occurs, zSRB_INV is set to on. zSRB_L is the 8-byte equivalent of this field.
zIO	INT	4	(IBM name: SMF30IO) I/O service units. This field grows to X'FFFFFFFF' and then wraps back to zero and continues growing. When wrapping occurs, zIO_INV is set to on. zIO_L is the 8-byte equivalent of this field.
zMSO	INT	4	(IBM name: SMF30MSO) Main storage occupancy (MSO) service units. This field grows to X'FFFFFFFF' and then wraps back to zero and continues growing. When wrapping occurs, zMSO_INV is set to on. zMSO_L is the 8-byte equivalent of this field.
zTAT	TIME	4	(IBM name: SMF30TAT) System resources manager (SRM) transaction active time, in 1024-microsecond units.
zSUS	TIME	4	(IBM name: SMF30SUS) Copy of RmctAdjC when this SMF record was produced, number of sixteenths of one CPU microsecond per CPU service unit.
zRES	TIME	4	(IBM name: SMF30RES) System resources manager (SRM) transaction residency time, in 1024-microsecond units. That is the amount of time the SRM transaction was in real storage.
zTRS	INT	4	(IBM name: SMF30TRS) Number of system resources manager (SRM) transactions.
zWLM	CHAR	8	(IBM name: SMF30WLM) Workload name. This field is blank (X'40') when in workload management compatibility mode.

zSCN	CHAR	8	(IBM name: SMF30SCN) Service class name. This field will contain SYSOTHER during the time of a WLM POLICY switch.
zGRN	CHAR	8	(IBM name: SMF30GRN) Resource group name.
zRCN	CHAR	8	(IBM name: SMF30RCN) Report class name. This field is blank (X'40') during the time of a WLM POLICY switch.
zETA	TIME	4	(IBM name: SMF30ETA) Independent enclave transaction active time in 1024-microsecond units.
zESU	INT	4	(IBM name: SMF30ESU) Independent enclave CPU service units. This field grows to X'FFFFFFFF' and then wraps back to zero and continues growing. When wrapping occurs, zESU_INV is set to on. zESU_L is the 8-byte equivalent of this field.
zETC	INT	4	(IBM name: SMF30ETC) Independent enclave transaction count.
zPFL	CHAR	16	(IBM name: SMF30PFL) Scheduling environment name. Binary zeros if no scheduling environment is specified.
zJQT	TIME	4	(IBM name: SMF30JQT) Job preparation time. This is the elapsed time before the job was first queued for execution. It excludes time to read the job into the system. It includes delays incurred waiting for and during conversion, such as when eligible systems are not active to convert the job. If the JOB statement specified TYPRUN=JCLHOLD, this time is 0. The time is in 1024-microsecond units.
zRQT	TIME	4	(IBM name: SMF30RQT) Time following job preparation when the job was ineligible for execution due to either the job's eligible systems being inactive or the job's scheduling environment not being available. The time is in 1024-microsecond units.
zHQT	TIME	4	(IBM name: SMF30HQT) Time following job preparation when the job was ineligible for execution for reasons not included in zRQT. This includes job hold, job class hold, job queue hold, duplicate job name serialization, and job class execution limits. If the JOB statement specified TYPRUN=HOLD, the time that the job is held for this reason is not included. The time is in 1024-microsecond units.
zSQT	TIME	4	(IBM name: SMF30SQT) Time the job was eligible for execution. This is the amount of time between the end of job conversion and Problem Program Start time (zPPS). The time is in 1024-microsecond units. For JES3, this field includes time the job was ineligible for execution.

SMF030_Performance.zPF1.<fieldname>

zPFJ	BIT	1	Job service class association was modified by a system operator prior to job initiation.
zPFR	BIT	1	Job service class association was modified by a system operator during job execution.
zPFF	BIT	1	Job initiation forced by a system operator.
zRTR	BIT	1	Job has been restarted. There is one set of z records for each time the job is restarted.
zMSI	BIT	1	Remote system data is incomplete.
zWMI	BIT	1	Job is executing in a workload manager batch initiator.
zCCP	BIT	1	Service class assigned to the address space was designated CPU-critical in the WLM service definition.
zCSP	BIT	1	Service class assigned to the address space was designated storage-critical in the WLM service definition.

SMF030_Performance.zPF2.<fieldname>			
zASP	BIT	1	Address space was designated storage-critical.
zSME	BIT	1	Address space cannot be managed to transaction goals, because 'manage region to goals of region' was specified in the WLM service definition.
zCPR	BIT	1	Address space is currently CPU-protected.
zSPR	BIT	1	Address space is currently storage-protected.
zPIN	BIT	1	Fields zMSO zSPR, zESU, zPFL, zSQT, zETA, zPFR, zSRB, zETC, zRCN, zSRV, zGRN, zRES zSUS, zHQT, zRQT, zTAT, zIO, zRTR, zTRS, zJPN, zSCN, zWLM, zJQT, zSME zCRM, zSRV_L, zCSU_L, zSRB_L, zIO_L, zMSO_L, zESU_L contain incomplete data. (SRM could not deliver deltas or values for this interval.)
zCRM	BIT	1	If this bit is on, it indicates that the address space matched a classification rule that specified 'manage region using goals of both', which means it is managed towards the velocity goal of the region. But, transaction completions are reported and used for management of the transaction service classes with response time goals. This option must only be used with CICS TORs. The associated AORs must remain at the default 'manage region using goals of transaction'.

SMF030_Performance.zINV.<fieldname>			
zSRV_INV	BIT	1	When this bit is on, it indicates that the value in zSRV has grown past its four byte maximum value capacity of 'FFFFFFFF' and has wrapped back to zero. zSRV_L is the 8-byte equivalent of zSRV.
zCSU_INV	BIT	1	When this bit is on, it indicates that the value in zCSU has grown past its four byte maximum value capacity of 'FFFFFFFF' and has wrapped back to zero. zCSU_L is the 8-byte equivalent of zCSU.
zSRB_INV	BIT	1	When this bit is on, it indicates that the value in zSRB has grown past its four byte maximum value capacity of 'FFFFFFFF' and has wrapped back to zero. zSRB_L is the 8-byte equivalent of zSRB.
zIO_INV	BIT	1	When this bit is on, it indicates that the value in zIO has grown past its four byte maximum value capacity of 'FFFFFFFF' and has wrapped back to zero. zIO_L is the 8-byte equivalent of zIO.
zMSO_INV	BIT	1	When this bit is on, it indicates that the value in zMSO has grown past its four byte maximum value capacity of 'FFFFFFFF' and has wrapped back to zero. zMSO_L is the 8-byte equivalent of zMSO.
zESU_INV	BIT	1	When this bit is on, it indicates that the value in zESU has grown past its four byte maximum value capacity of 'FFFFFFFF' and has wrapped back to zero. zESU_L is the 8-byte equivalent of zESU.

SMF030_Performance.<fieldname>			
zZEP	INT	1	(IBM name: SMF30ZEP) Contains information associated with a potential future function and no further details are available at this time.
zJPN	CHAR	8	(IBM name: SMF30JPN) Subsystem collection name from IWMCLSFY SUBCOLN.
zMSC	INT	4	(IBM name: SMF30MSC) MSO Service Definition Coefficient (SDC) scaled by 10000.
zCPC	INT	2	(IBM name: SMF30CPC) CPU Service Definition Coefficient (SDC) scaled by 10.
zLOC	INT	2	(IBM name: SMF30LOC) IOC Service Definition Coefficient (SDC) scaled by 10.
zSRC	INT	2	(IBM name: SMF30SRC) SRB Service Definition Coefficient (SDC) scaled by 10.

zZNF	INT	2	(IBM name: SMF30ZNF) Normalization factor for IFA service time. Used to convert between real IFA times and 'normalized' IFA times, that is, the equivalent time on a standard CP. Multiply z_TIME_ON_IFA by this value and divide by 256 T0 calculate the normalized IFA time.
zSNF	INT	2	(IBM name: SMF30SNF) Normalization factor for zIIP service time. Used to convert between real zIIP times and normalized zIIP times, that is, the equivalent time on a standard CP. Multiply z_TIME_ON_zIIP by this value and divide by 256 T0 calculate the normalized zIIP time.
zRS6	CHAR	6	(IBM name: SMF30RS6) Reserved.
zSRV_L	INT	8	(IBM name: SMF30SRV_L) Total service units. This is the 8-byte equivalent of zSRV. The value of this field continues to grow after zSRV_INV is set.
zCSU_L	INT	8	(IBM name: SMF30CSU_L) CPU service units. This is the 8-byte equivalent of zCSU. The value of this field continues to grow after zCSU_INV is set.
zSRB_L	INT	8	(IBM name: SMF30SRB_L) SRB service units. This is the 8-byte equivalent of zSRB. The value of this field continues to grow after zSRB_INV is set.
zIO_L	INT	8	(IBM name: SMF30IO_L) I/O service units. This is the 8-byte equivalent of zIO. The value of this field continues to grow after zIO_INV is set.
zMSO_L	INT	8	(IBM name: SMF30MSO_L) MSO service units. This is the 8-byte equivalent of zMSO. The value of this field continues to grow after zMSO_INV is set.
zESU_L	INT	8	(IBM name: SMF30ESU_L) ESU service units. This is the 8-byte equivalent of zESU. The value of this field continues to grow after zESU_INV is set.
zACB	INT	1	(IBM name: SMF30ACB) Contains information associated with a potential future function, no further details are provided at this time.
zCR	INT	1	(IBM name: SMF30CR) Contains information associated with a potential future function, no further details are provided at this time.
z_Capacity_Change_Cnt	INT	2	(IBM name: SMF30_Capacity_Change_Cnt) The number of processor capacity changes that occurred since the previous interval or event interval. This number will be greater than 1 WHEN the number of processor capacity changes exceeded the number specified in the MAXEVENTINTRECS parmlib option.
z_RCTPCPUA_Actual	INT	4	(IBM name: SMF30_RCTPCPUA_Actual) Physical CPU adjustment factor (this is the adjustment factor for converting CPU time to equivalent service, in basic-mode with all processors online). Based on model capacity rating.
z_RCTPCPUA_Nominal	INT	4	(IBM name: SMF30_RCTPCPUA_Nominal) Physical CPU adjustment factor (this is the adjustment factor for converting CPU time to equivalent service in basic-mode with all processors online). Based on nominal model capacity rating.
z_RCTPCPUA_scaling_factor	INT	4	(IBM name: SMF30_RCTPCPUA_scaling_factor) Scaling factor for z_RCTPCPUA_actual and z_RCTPCPUA_nominal.
z_Capacity_Adjustment_Ind	INT	1	(IBM name: SMF30_Capacity_Adjustment_Ind) Field values and meanings are: 0 => The indication is not reported. 1-99 => Some amount of reduction is indicated. 100 => The machine is operating in normal capacity. Primary CPUs and all secondary-type CPUs are similarly affected.
z_Capacity_Change_Rsn	INT	1	(IBM name: SMF30_Capacity_Change_Rsn) Indicates the reason that is associated with the present value contained in z_Capacity_Adjustment_Ind. The bit values of this field correspond to those described in RMCTZ_Capacity_Adjustment_Indication of the IRARMCTZ mapping macro. (See MVS Data Areas.)

SMF030_Performance.z_Capacity_Flags.<fieldname>

z_EVENT_DRIVEN_INTVL_REC	BIT	1	Indicates that the current interval record was generated as a result of an event, rather than as a result of standard interval expiration based on time.
z_RQSVSUS_ERR	BIT	1	Indicates that an error occurred while collecting the data for zSUS following a change in processor capacity. If this bit is found to be on when the record is being written, an additional attempt to collect the data from SRM is made. If that attempt is successful, the data is filled in at that time and the zPIN error bit will be off.
z_CAPACITY_DATA_ERR	BIT	1	Indicates that error occurred while collecting the processor capacity data, therefore fields z_RCTPCPUA_Actual, z_RCTPCPUA_Nominal, z_RCTPCPUA_scaling_factor, z_Capacity_Adjustment_Ind, z_Capacity_Change_Rsn are reliable
z_PCD_RSVD_EXISTS	BIT	1	Indicates records generated on systems running z/OS V1R7 through z/OS V1R9. When off, this bit indicates records generated on systems running z/OS V1R10 and later.

SMF030_Performance.<fieldname>

z_RMCTADJN_Nominal	INT	4	(IBM name: SMF30_RMCTADJN_Nominal) Nominal CPU rate adjustment.
--------------------	-----	---	--

Secondary segment: SMF030_Operator

Field Name	Type	Len	Description
<i>SMF030_Operator.<fieldname></i>			
zPDM	INT	4	(IBM name: SMF30PDM) Number of non-specific DASD mounts.
zPRD	INT	4	(IBM name: SMF30PRD) Number of specific DASD mounts.
zPTM	INT	4	(IBM name: SMF30PTM) Number of non-specific tape mounts.
zTPR	INT	4	(IBM name: SMF30TPR) Number of specific tape mounts.
zMTM	INT	4	(IBM name: SMF30MTM) Number of non-specific MSS mounts. As of MVS/SP4.1, this field is no longer valid, and contains zeroes.
zMSR	INT	4	(IBM name: SMF30MSR) Number of specific MSS mounts. As of MVS/SP4.1, this field is no longer valid, and contains zeroes.

Secondary segment: SMF030_APPC_MVS_Resource

Field Name	Type	Len	Description
<i>SMF030_APPC_MVS_Resource.<fieldname></i>			
zDC	INT	4	(IBM name: SMF30DC) Number of conversations, both currently active and deallocated, associated with the transaction program ID.
zDCA	INT	4	(IBM name: SMF30DCA) Number of all conversations allocated.
zDSC	INT	4	(IBM name: SMF30DSC) Number of times the transaction program issued a Send call. Note: Because an interval or step might end in the middle of a Send call, this field might contain zero while zDDS contains a nonzero value.
zDDS	FLOAT	8	(IBM name: SMF30DDS) floating point hex Amount of data, in bytes, sent by the transaction program.

zDRC	INT	4	(IBM name: SMF30DRC) Number of times the transaction program issued a Receive call. Note: Because an interval or step might end in the middle of a Receive call, this field might contain zero while zDDR contains a nonzero value.
zDDR	FLOAT	8	(IBM name: SMF30DDR) floating point hex Amount of data, in bytes, received by the transaction program.
zDAC	INT	4	(IBM name: SMF30DAC) Number of active conversations.
zDTR	INT	4	(IBM name: SMF30DTR) Number of APPC/MVS transactions programs scheduled by the APPC/MVS transaction scheduler (ASCH).

Secondary segment: SMF030_APPC_MVS_Cumulative_Resource

Field Name	Type	Len	Description
<i>SMF030_APPC_MVS_Cumulative_Resource.<fieldname></i>			
zCN	INT	4	(IBM name: SMF30CN) Total number of conversations associated with the transaction program (TP) ID, both currently active and deallocated.
zCNA	INT	4	(IBM name: SMF30CNA) Total number of all conversations allocated.
zSEN	INT	4	(IBM name: SMF30SEN) Total number of times the transaction program (TP) issued a Send call.
zDAT	FLOAT	8	(IBM name: SMF30DAT) floating point hex Total amount of data sent by the transaction program (TP) in bytes (long floating point).
zREC	INT	4	(IBM name: SMF30REC) Total number of times the transaction program (TP) issued a Receive call.
zDAR	FLOAT	8	(IBM name: SMF30DAR) floating point hex Total amount of data received by the transaction program (TP) in bytes (long floating point).
zTAC	INT	4	(IBM name: SMF30TAC) Total number of active conversations.
zATR	INT	4	(IBM name: SMF30ATR) Total number of APPC/MVS transactions programs scheduled by the APPC/MVS transaction scheduler (ASCH).

Secondary segment: SMF030_z_OS_UNIX_Process

Field Name	Type	Len	Description
<i>SMF030_z_OS_UNIX_Process.<fieldname></i>			
zOPI	INT	4	(IBM name: SMF30OPI) z/OS UNIX process ID.
zOPG	INT	4	(IBM name: SMF30OPG) z/OS UNIX process group ID.
zOUI	INT	4	(IBM name: SMF30OUI) z/OS UNIX process user ID.
zOUG	INT	4	(IBM name: SMF30OUG) z/OS UNIX process user group ID.
zOSI	INT	4	(IBM name: SMF30OSI) z/OS UNIX process session ID.
zOSC	INT	4	

			(IBM name: SMF30OSC) Number of z/OS UNIX services requested by the process. When the z/OS UNIX parmlib option SYSCALL_COUNTS is set to NO, there is no collection of data for the count of syscalls. When gathering syscall counts for a job, do not switch between SYSCALL_COUNTS=YES and SYSCALL_COUNTS=NO because doing so can lead to inaccurate values in the zOSC field.
zOST	TIME	4	(IBM name: SMF30OST) Total CPU time accumulated by z/OS UNIX services requested by the process. Note that the value in zOST is already included in fields zCPT or zCPS. When the z/OS UNIX parmlib option SYSCALL_COUNTS is set to NO, there is no collection of data for CPU usage. When gathering CPU usage for a job, do not switch between SYSCALL_COUNTS=YES and SYSCALL_COUNTS=NO because doing so can lead to inaccurate values in the zOST field.
zODR	INT	4	(IBM name: SMF30ODR) Number of z/OS UNIX directory reads for the process.
zOFR	INT	4	(IBM name: SMF30OFR) Read I/O block count for z/OS UNIX regular files.
zOFW	INT	4	(IBM name: SMF30OFW) Write I/O block count for z/OS UNIX regular files.
zOPR	INT	4	(IBM name: SMF30OPR) Read I/O block count for z/OS UNIX pipes and AF_UNIX sockets.
zOPW	INT	4	(IBM name: SMF30OPW) Write I/O block count for z/OS UNIX pipes and AF_UNIX sockets.
zOSR	INT	4	(IBM name: SMF30OSR) Reserved.
zOSW	INT	4	(IBM name: SMF30OSW) Reserved.
zOLL	INT	4	(IBM name: SMF30OLL) Number of pathname lookup calls to the logical file system.
zOLP	INT	4	(IBM name: SMF30OLP) Number of pathname lookup calls to the physical file system.
zOGL	INT	4	(IBM name: SMF30OGL) Number of pathname generation calls to the logical file system.
zOGP	INT	4	(IBM name: SMF30OGP) Number of pathname generation calls to the physical file system to determine a pathname.
zOPP	INT	4	(IBM name: SMF30OPP) Parent process ID.
zOKR	INT	4	(IBM name: SMF30OKR) Reserved.
zOKW	INT	4	(IBM name: SMF30OKW) Reserved.
zOMS	INT	4	(IBM name: SMF30OMS) Reserved.
zOMR	INT	4	(IBM name: SMF30OMR) Reserved.
zOSY	INT	4	(IBM name: SMF30OSY) Number of times the sync() function was called.

Secondary segment: SMF030_Automatic_Restart_Management

Field Name	Type	Len	Description
<i>SMF030_Automatic_Restart_Management.<fieldname></i>			
zRNM	CHAR	16	(IBM name: SMF30RNM) Element name.

zRTP	CHAR	8	(IBM name: SMF30RTP) Element type.
zRRG	CHAR	16	(IBM name: SMF30RRG) Restart group for element in zRNM.
zRSN	CHAR	8	(IBM name: SMF30RSN) The system name for the system on which the element was initially started. blank, for the initial start. Note: The current system name is in the zSYN field.
zRGT	TSTMP	8	(IBM name: SMF30RGT) The time (local) when the element issued the IXCARM macro with the REGISTER parameter.
zRWT	TSTMP	8	(IBM name: SMF30RWT) The time (local) when the element issued the IXCARM macro with the WAITPRED parameter. This field will be zero if this function was not requested.
zRYT	TSTMP	8	(IBM name: SMF30RYT) The time (local) when the element issued the IXCARM macro with the READY parameter.
zRTT	TSTMP	8	(IBM name: SMF30RTT) The time (local) when the element was deregistered. This field will be zero if this element is not yet deregistered or if it ended abnormally.

Secondary segment: SMF030_Usage_Data

Field Name	Type	Len	Description
<i>SMF030_Usage_Data.<fieldname></i>			
zUPO	CHAR	16	(IBM name: SMF30UPO) Product owner or vendor name (specified on the PRODOWNER option of the IFAUSAGE macro).
zUPN	CHAR	16	(IBM name: SMF30UPN) Product name (specified on the PRODNAME option of the IFAUSAGE macro).
zUPV	CHAR	8	(IBM name: SMF30UPV) Product version (if specified on the PRODVERS option of the IFAUSAGE macro or 'NONE').
zUPQ	CHAR	8	(IBM name: SMF30UPQ) Product qualifier (if specified on the PRODQUAL option of the IFAUSAGE macro or 'NONE').
zUPI	CHAR	8	(IBM name: SMF30UPI) Product ID (if specified on the PRODID option of the IFAUSAGE macro or 'NONE').
zUCT	TIME	4	(IBM name: SMF30UCT) Product TCB Time.
zUCS	TIME	4	(IBM name: SMF30UCS) Product SRB Time.

<i>SMF030_Usage_Data.zURD.<fieldname></i>			
zURDx	HEX	8	(IBM name: N/A) IFAUSAGE data in hex.
zURDi	INT	8	(IBM name: N/A) IFAUSAGE data as an 8 byte bin integer.
zURDb	FLOAT	8	(IBM name: N/A) IFAUSAGE data as 8 byte hex-float.
zURDs	TIME	8	(IBM name: N/A) IFAUSAGE data as STCK value.

<i>SMF030_Usage_Data.<fieldname></i>			
--	--	--	--

zJDF	INT (ENUM)	1	(IBM name: SMF30UDF) Format of zURD field. No Value => No Product specific resource data. zURDs => CPU time in long floating Point (in hundredths of a second) as displayed in zURDs field. zURDi => Binary (64-bit) as displayed in zURDi field. zURDb => Long floating point as displayed in zURDb field.
SMF030_Usage_Data.zUFG.<fieldname>			
zUnauthReg	BIT	1	Unauthorized register

Secondary segment: SMF030_Multisystem_Enclave_Remote_System_Data

Field Name	Type	Len	Description
SMF030_Multisystem_Enclave_Remote_System_Data.<fieldname>			
zMRS	CHAR	8	(IBM name: SMF30MRS) System name on which enclaves created by this address space executed.
zMRA	TIME	4	(IBM name: SMF30MRA) CPU rate adjustment factor for the system named by zMRS. This is the number of sixteenths of one microsecond of CPU time per CPU service unit.
zMRD	TIME	4	(IBM name: SMF30MRD) CPU Time accumulated by dependent enclaves that executed on the system named by zMRS.
zMRI	TIME	4	(IBM name: SMF30MRI) CPU Time accumulated by independent enclaves that executed on the system named by zMRS.

Secondary segment: SMF030_Counter_Data

Field Name	Type	Len	Description
SMF030_Counter_Data.<fieldname>			
SMF030_Counter_Data.zInstFlgs1MRS.<fieldname>			
zCounts	BIT	1	When on, there was a disruption in the collection of instruction counts or the counts could not be obtained.
zSRMValues	BIT	1	Fields z_Inst_CP_Enclave, z_Inst_Offload_Enclave, z_Inst_OffloadOnCP_Enclave, z_Inst_CP_DepEnc, z_Inst_Offload_DepEnc, z_Inst_OffloadOnCP_DepEnc contain incomplete data. (SRM could not deliver deltas or values for this interval.)
SMF030_Counter_Data.<fieldname>			
z_Inst_CP_Task	INT	8	(IBM name: SMF30_Inst_CP_Task) The number of instructions executed while running on a standard processor as a task when it is not eligible for an offload processor and it is not associated with an enclave.
z_Inst_CP_NonPreemptSRB	INT	8	(IBM name: SMF30_Inst_CP_NonPreemptSRB) The number of instructions executed while running on a standard processor as a non-preemptable SRB.
z_Inst_CP_PreemptSRB	INT	8	(IBM name: SMF30_Inst_CP_PreemptSRB) The number of instructions executed while running on a standard processor as a preemptable or client SRB when it is not associated with an enclave.
z_Inst_Offload	INT	8	(IBM name: SMF30_Inst_Offload) The number of instructions executed while running on an offload processor when not associated with an enclave.
z_Inst_OffloadOnCP	INT	8	

			(IBM name: SMF30_Inst_OffloadOnCP) The number of instructions executed while running on a standard processor as eligible for an offload processor while not associated with an enclave.
z_Inst_CP_Enclave	INT	8	(IBM name: SMF30_Inst_CP_Enclave) The number of instructions executed while running on a standard processor as not eligible for an offload processor for an independent enclave.
z_Inst_Offload_Enclave	INT	8	(IBM name: SMF30_Inst_Offload_Enclave) The number of instructions executed while running on an offload processor for an independent enclave.
z_Inst_OffloadOnCP_Enclave	INT	8	(IBM name: SMF30_Inst_OffloadOnCP_Enclave) The number of instructions executed while running on a standard processor as eligible for an offload processor for an independent enclave.
z_Inst_CP_DepEnc	INT	8	(IBM name: SMF30_Inst_CP_DepEnc) The number of instructions executed while running on a standard processor as not eligible for an offload processor for a dependent enclave.
z_Inst_Offload_DepEnc	INT	8	(IBM name: SMF30_Inst_Offload_DepEnc) The number of instructions executed while running on an offload processor for a dependent enclave.
z_Inst_OffloadOnCP_DepEnc	INT	8	(IBM name: SMF30_Inst_OffloadOnCP_DepEnc) The number of instructions executed while running on a standard processor as eligible for an offload processor for a dependent enclave.

Secondary segment: **SMF030_zEDC_Usage_Statistics**

Field Name	Type	Len	Description
<i>SMF030_zEDC_Usage_Statistics.<fieldname></i>			
z_US_ComprReq	INT	8	(IBM name: SMF30_US_ComprReq) Total number of compression and decompression requests (both supervisor-state and problem-state requests). On a z15 and above processor, the request count will only represent the number of authorized requests.
z_US_ComprReq_Prob	INT	8	(IBM name: SMF30_US_ComprReq_Prob) Total number of problem-state compression and decompression requests. No longer captured on the z15 and above processors and will remain zero.
z_US_QueueTime	FIXED	8 (20,6)	(IBM name: SMF30_US_QueueTime) Total queue time. The amount of time, in seconds, from when the request was submitted until the adapter started executing the request. No longer captured on the z15 and above processors and will remain zero.
z_US_ExecTime	FIXED	8 (20,6)	(IBM name: SMF30_US_ExecTime) Total execution time, in seconds. No longer captured on the z15 and above processors and will remain zero.
z_US_Def_UncomprIn	INT	8	(IBM name: SMF30_US_Def_UncomprIn) Total number, in bytes, of uncompressed data input.
z_US_Def_ComprOut	INT	8	(IBM name: SMF30_US_Def_ComprOut) Total number, in bytes, of compressed data output.
z_US_Inf_ComprIn	INT	8	(IBM name: SMF30_US_Inf_ComprIn) Total number, in bytes, of compressed data input.
z_US_Inf-DecomprOut	INT	8	(IBM name: SMF30_US_Inf-DecomprOut) Total number, in bytes, of decompressed data output.

Record Type 32 - TSO/E User Work Accounting

SMF Record 32 (TSO/E User Work Accounting) is mapped by structure member "T032".

Primary Segment:

- [SMF032_TSO#E_User_Work_Accounting](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF032_Command](#)
- [SMF032_Identification](#)
- [SMF032_Product](#)

Primary segment: [SMF032_TSO#E_User_Work_Accounting](#)

Field Name	Type	Len	Description
<i>SMF032_TSO#E_User_Work_Accounting.<fieldname></i>			
<i>SMF032_TSO#E_User_Work_Accounting.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF32FLG) System indicator Bit Meaning when set 0 SUBSYSTEM name follows system identification 1 SubTypeS used 2 RESERVED 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description.
zRTY	INT	1	(IBM name: SMF32RTY) type 32 (X'20').
zTME	TSTMP	8	(IBM name: SMF32TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF32SID) identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF32WID) Subsystem identifier.
zSTY	INT	2	(IBM name: SMF32STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) SubType expansion
zPOF	INT	4	(IBM name: SMF32POF) Offset to product section from start of record, including the record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF32PLN) Length of product section.
zPON	INT	2	(IBM name: SMF32PON) Number of product sections.
zIOF	INT	4	(IBM name: SMF32IOF) Offset to the identification section from start of record, including the record descriptor word (RDW).
zILN	INT	2	(IBM name: SMF32ILN) Length of the identification section.
zION	INT	2	(IBM name: SMF32ION) Number of identification sections.
zCOF	INT	4	(IBM name: SMF32COF) Offset to the TSO/E command section from start of record, including the record descriptor word (RDW).
zCLN	INT	2	(IBM name: SMF32CLN) Length of the TSO/E command section.
zCON	INT	2	(IBM name: SMF32CON) Number of TSO/E command sections.

Secondary segment: SMF032_Product

Field Name	Type	Len	Description
<i>SMF032_Product.<fieldname></i>			
zTYP	INT (ENUM)	2	(IBM name: SMF32TYP) SubType identification for the record
zRVN	CHAR	2	(IBM name: SMF32RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF32PNM) Product name.
zOSL	CHAR	8	(IBM name: SMF32OSL) MVS product name.
zSYN	CHAR	8	(IBM name: SMF32SYN) System name (from the SYSNAME parameter in the IEASYSxx parmlib member).
zSYP	CHAR	8	(IBM name: SMF32SYP) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).

Secondary segment: SMF032_Identification

Field Name	Type	Len	Description
<i>SMF032_Identification.<fieldname></i>			
zUSERID	CHAR	8	(IBM name: SMF32JBN) TSO user id session name.
zPGM	CHAR	8	(IBM name: SMF32PGM) Program Name.
zSTM	CHAR	8	(IBM name: SMF32STM) Step name.
zUIF	CHAR	8	(IBM name: SMF32UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zJNM	CHAR	8	(IBM name: SMF32JNM) JES job number.
zSTN	INT	2	(IBM name: SMF32STN) Step number.
zPGN	INT	2	(IBM name: SMF32PGN) Reserved.
zJPT	INT	2	(IBM name: SMF32JPT) JES input priority at initiation.
zAST	TIME	4	(IBM name: SMF32AST) Device allocation start time from midnight, in hundredths of seconds.
zPPS	TIME	4	(IBM name: SMF32PPS) Problem program start time from midnight, in hundredths of a second.
zSIT	TSTMP	8	(IBM name: SMF32SIT) Step initiation Date/Time
zRST	TSTMP	8	(IBM name: SMF32RST) Reader start time from midnight, in hundredths of second.
zRET	TSTMP	8	(IBM name: SMF32RET) Date/Time that the reader recognized the end of the job or started task. For TSO/E, this is the logon enqueue time.
zUSR	CHAR	20	(IBM name: SMF32USR) Programmer name.

zGRP	CHAR	8	(IBM name: SMF32GRP) RACF group ID.
zRUD	CHAR	8	(IBM name: SMF32RUD) RACF user ID.
zTID	CHAR	8	(IBM name: SMF32TID) RACF terminal ID. This field is zero if RACF is not active or if user is not a terminal user.

Secondary segment: SMF032_Command

Field Name	Type	Len	Description
<i>SMF032_Command.<fieldname></i>			
zCMD	CHAR	8	(IBM name: SMF32CMD) TSO/E command name. See 'DETAIL or NODETAIL - Performing TSO/E command accounting' on page 75 FOR additional information.
zCNT	INT	4	(IBM name: SMF32CNT) Number of times the TSO/E command was entered.
zTCB	TIME	4	(IBM name: SMF32TCB) Total task control block (TCB) time, in hundredths of a second, for the command.
zSRB	TIME	4	(IBM name: SMF32SRB) Total service request block (SRB) time, in hundredths of a second, for the command.
zTGT	INT	4	(IBM name: SMF32TGT) Total TGET (terminal read) count for the command.
zTPT	INT	4	(IBM name: SMF32TPT) Total TPUT (terminal output) count for the command.
zTRN	INT	4	(IBM name: SMF32TRN) Total transaction count for the command. Note: See the z/OS MVS Initialization and Tuning Guide for a definition of this field.
zEXP	INT	4	(IBM name: SMF32EXP) Total execute channel program (EXCP) count for the command. (Valid up to X'FFFFFFFE', zero and invalid when SMF32EXF is set)
zTCT	INT	4	(IBM name: SMF32TCT) Total device connect time (in 128 MICRO-SECOND units) for this command.
zFLG	HEX	4	(IBM name: SMF32FLG) Detail section flags Bit Meaning when set 0 COUNT in SMF32TRN is not valid. 1 COUNT in SMF32EXP is not valid.
zEXX	INT	8	(IBM name: SMF32EXX) EXCPs for command. This is the 8-byte equivalent of SMF32EXP. This field remains valid after SMF32EXP is invalid.

Record Type 33 - APPC/MVS TP Accounting

SMF Record 33 (APPC/MVS TP Accounting) is mapped by structure member "T033".

Primary Segment:

- [SMF033_APPC#MVS_TP_Accounting](#)

Secondary Segment(s): 13 (in alphabetical order)

- [SMF033_Address_Space_ID](#)
- [SMF033_Product](#)
- [SMF033_01_TP_Accounting](#)
- [SMF033_01_TP_Detail](#)
- [SMF033_01_TP_Ident](#)
- [SMF033_01_TP_Name](#)
- [SMF033_01_TP_Scheduler](#)
- [SMF033_01_TP_Usage](#)
- [SMF033_02_Conversation](#)
- [SMF033_02_Local_TP_Prog](#)
- [SMF033_02_LUWID](#)
- [SMF033_02_Partner_TP_Prog](#)
- [SMF033_02_User_Data](#)

Primary segment: [SMF033_APPC#MVS_TP_Accounting](#)

Field Name	Type	Len	Description
<i>SMF033_APPC#MVS_TP_Accounting.<fieldname></i>			
<i>SMF033_APPC#MVS_TP_Accounting.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF33FLG) System indicator: Bit Meaning when set 0 SUBSYSTEM name follows standard header 1 SubTypeS used 2 RESERVED 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description.
zRTY	INT	1	(IBM name: SMF33RTY) Record type 33 (X'21')
zTME	TSTMP	8	(IBM name: SMF33TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF33SID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF33WID) Subsystem identifier (ASCH for APPC/MVS-scheduled TPs).
zSTP	INT	2	(IBM name: SMF33STP) Record SubType v 1 - APPC/MVS transaction record. v 2 - APPC/MVS conversation record. Self-Defining Section:
zSDL	INT	4	(IBM name: SMF33SDL) Length of Self-defining Section.
zPOF	INT	4	(IBM name: SMF33POF) Offset to Product section.
zPLN	INT	2	(IBM name: SMF33PLN) Length of Product section.
zPON	INT	2	(IBM name: SMF33PON) Number of Product Sections in this record.
zIOF	INT	4	(IBM name: SMF33IOF) Offset to TP Identification Section.
zILN	INT	2	(IBM name: SMF33ILN) Length of TP Identification Section.
zION	INT	2	(IBM name: SMF33ION) Number of TP Identification Sections in this record.
zUOF	INT	4	(IBM name: SMF33UOF) Offset to TP Usage Section.

zULN	INT	2	(IBM name: SMF33ULN) Length of TP Usage Section.
zUON	INT	2	(IBM name: SMF33UON) Number of TP Usage Sections in this record.
zSOF	INT	4	(IBM name: SMF33SOF) Offset to Address Space ID Section.
zSLN	INT	2	(IBM name: SMF33SLN) Length of Address Space ID Section.
zSON	INT	2	(IBM name: SMF33SON) Number of Address Space ID Sections in this record.
zCOF	INT	4	(IBM name: SMF33COF) Offset to Conversation ID Section.
zCLN	INT	2	(IBM name: SMF33CLN) Length of Conversation ID Section.
zCON	INT	2	(IBM name: SMF33CON) Number of Conversation ID Sections in this record.
zFOF	INT	4	(IBM name: SMF33FOF) Offset to User Data Field Section.
zFLN	INT	2	(IBM name: SMF33FLN) Length of User Data Field Section.
zFON	INT	2	(IBM name: SMF33FON) Number of User Data Field Section.

Secondary segment: SMF033_Product

Field Name	Type	Len	Description
<i>SMF033_Product.<fieldname></i>			
zTYP	INT	2	(IBM name: SMF33TYP) Record SubType v 1 - APPC/MVS transaction record. v 2 - APPC/MVS conversation record.
zRVN	CHAR	2	(IBM name: SMF33RVN) Record version number - 01.
zPNM	CHAR	8	(IBM name: SMF33PNM) Product name - ASCH for APPC/MVS-scheduled TPs. APPC for APPC/MVS Conversion Records. If you use your own scheduler, you will not have access to IBM's APPC/MVS accounting support.
zOSL	CHAR	8	(IBM name: SMF33OSL) MVS operating system name.
zSYN	CHAR	8	(IBM name: SMF33SYN) System name (from the SYSNAME parameter in the IEASYSxx parmlib member).
zSYP	CHAR	8	(IBM name: SMF33SYP) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).

Secondary segment: SMF033_Address_Space_ID

Field Name	Type	Len	Description
<i>SMF033_Address_Space_ID.<fieldname></i>			
zJID	CHAR	8	(IBM name: SMF33JID) Job or session name.
zRST	TSTMP	8	

			(IBM name: SMF33RST) Date/Time reader recognized this job.
zSTN	CHAR	8	(IBM name: SMF33STN) Step name (taken from the name on the EXEC card).

Secondary segment: SMF033_01_TP_Ident

Field Name	Type	Len	Description
<i>SMF033_01_TP_Ident.<fieldname></i>			
zTPO	INT	4	(IBM name: SMF33TPO) Offset to TP name section.
zTPC	CHAR	8	(IBM name: SMF33TPC) TP Class - a general grouping of TPs with related scheduling properties (like the MVS Job Class - CPU Time limit, shift execution requirements, etc).
zTSC	INT	4	(IBM name: SMF33TSC) APPC/MVS TP schedule type Value Schedule Type 0 STANDARD 1 MULTI-TRANS.
zTPF	CHAR	8	(IBM name: SMF33TPF) TP profile name.

Secondary segment: SMF033_01_TP_Name

Field Name	Type	Len	Description
<i>SMF033_01_TP_Name.<fieldname></i>			
zTPL	INT	2	(IBM name: SMF33TPN) TP name length.
zTPN	XVCHAR	0 255	(IBM name: SMF33TPN) TP name.

Secondary segment: SMF033_01_TP_Usage

Field Name	Type	Len	Description
<i>SMF033_01_TP_Usage.<fieldname></i>			
zUID	CHAR	8	(IBM name: SMF33UID) RACF user ID (of the requesting user).
zGRP	CHAR	8	(IBM name: SMF33GRP) RACF group ID (of the requesting user).
zUST	INT (ENUM)	4	(IBM name: SMF33UST) Type of user
zAOF	INT	4	(IBM name: SMF33AOF) Offset to Accounting Section.
zALN	INT	2	(IBM name: SMF33ALN) Length of Accounting Section.
zAON	INT	2	(IBM name: SMF33AON) Number of Accounting Sections in this record.
zUCT	INT	4	(IBM name: SMF33UCT) Count of uses of this TP (by this user).
zTDO	INT	4	

			(IBM name: SMF33TDO) Offset to TP Usage Detail Section.
zTDL	INT	2	(IBM name: SMF33TDL) Length of TP Usage Detail Section.
zTDN	INT	2	(IBM name: SMF33TDN) Number of TP Usage Detail Sections.

Secondary segment: SMF033_01_TP_Accounting

Field Name	Type	Len	Description
<i>SMF033_01_TP_Accounting.<fieldname></i>			
zACL	INT	1	(IBM name: SMF33ACL) First accounting sub-field length (this field is set to zero for no accounting data).
zACT	XVCHAR	0 175	(IBM name: SMF33ACT) Accounting sub-fields.

Secondary segment: SMF033_01_TP_Detail

Field Name	Type	Len	Description
<i>SMF033_01_TP_Detail.<fieldname></i>			
zTSO	INT	4	(IBM name: SMF33TSO) Offset to TP Usage Scheduler Section.
zTSL	INT	2	(IBM name: SMF33TSL) Length of TP Usage Scheduler Section.
zTSN	INT	2	(IBM name: SMF33TSN) Number of TP Usage Scheduler Sections.
zCN	INT	4	(IBM name: SMF33CN) Total number of conversations for this request.
zCNA	INT	4	(IBM name: SMF33CNA) Total number of conversations allocated by this request.
zSEN	INT	4	(IBM name: SMF33SEN) Total number of sends issued by this request.
zDAS	FLOAT	8	(IBM name: SMF33DAS) Total number of bytes sent by this request. floating point hex
zREC	INT	4	(IBM name: SMF33REC) Total number of receives issued by this request.
zDAR	FLOAT	8	(IBM name: SMF33DAR) floating point hex Total number of bytes received by this request.
zTCB	TIME	4	(IBM name: SMF33TCB) Task control block (TCB) time for this request, in hundredths of a second.
zSRB	TIME	4	(IBM name: SMF33SRB) Service request block (SRB) time for this request, in hundredths of a second.
zEXP	INT	4	(IBM name: SMF33EXP) Execute channel programs (EXCP) for this request. Valid up to X'FFFFFFFE', zero and invalid when SMF33EXF is set.
zDCT	INT	4	(IBM name: SMF33DCT) Total accumulated device connect time for the address during the life of the transaction. The field reported (in 128 MICR0-SEC0ND units) of I/O activity in the address space by some chargeback schemes. See SMF30TCN in the 'I/O Activity' section of SMF type 30 RECORD.

SMF033_01_TP_Detail.zDSF.<fieldname>			
zExplnval	BIT	1	Count in zExp is not valid.
SMF033_01_TP_Detail.<fieldname>			
zEXF	INT	8	(IBM name: SMF33EXF) EXCPs for this request. This is the 8-byte equivalent of SMF33EXP. This field remains valid after SMF33EXP is invalid.

Secondary segment: SMF033_01_TP_Scheduler

Field Name	Type	Len	Description
SMF033_01_TP_Scheduler.<fieldname>			
zLLU	CHAR	17	(IBM name: SMF33LLU) Local logical unit (LU) name for the TP.
zPLU	CHAR	17	(IBM name: SMF33PLU) Partner logical unit (LU) name for this user's use of this TP (format = node.LUname).
zRV2	CHAR	2	(IBM name: SMF33RV2) Reserved.
zFMT	TSTMP	8	(IBM name: SMF33FMT) Date/Time request recognized by functional manager header (FMH) 5.
zTQT	TSTMP	8	(IBM name: SMF33TQT) Date/Time that the request was placed on scheduler work queue.
zTST	TSTMP	8	(IBM name: SMF33TST) Date/Time that the request started execution.
zTET	TSTMP	8	(IBM name: SMF33TET) Date/Time that the request ended execution.

Secondary segment: SMF033_02_Conversation

Field Name	Type	Len	Description
SMF033_02_Conversation.<fieldname>			
zCID	INT	8	(IBM name: SMF33CID) The conversation ID. This ID uniquely identifies a particular conversation.
zCCO	INT	8	(IBM name: SMF33CCO) The conversation correlator. This field contains zeroes when there is no conversation correlator.
zCLO	INT	4	(IBM name: SMF33CLO) Offset to the logical unit of work ID (LUWID) section.
zCIO	INT (ENUM)	1	(IBM name: SMF33CIO) Conversation inbound / outbound indicator.
zCLR	INT (ENUM)	1	(IBM name: SMF33CLR) Conversation partner LU location
zCKD	INT (ENUM)	1	(IBM name: SMF33CKD) Conversation kind. For inbound conversations, this field indicates whether this conversation was processed by an APPC/MVS transaction scheduler or an APPC/MVS server.
zCSL	INT (ENUM)	1	(IBM name: SMF33CSL) Sync level of the conversation
zCLL	CHAR	17	(IBM name: SMF33CLL) Conversation local LU name (not fully qualified).

zCPL	CHAR	17	(IBM name: SMF33CPL) Conversation partner LU name (fully qualified).
zRS2	CHAR	2	(IBM name: SMF33RS2) Reserved.
zCSH	CHAR	8	(IBM name: SMF33CSH) Conversation scheduler name (for example, 'ASCH'). When there is no scheduler for this conversation (because an APPC/MVS server is processing the conversation), this field contains blanks.
zCPO	INT	4	(IBM name: SMF33CPO) Offset (from beginning of record) to Partner TP Name Section.
zCTO	INT	4	(IBM name: SMF33CTO) Offset (from beginning of record) to Local TP Name Section.
zRS1	CHAR	10	(IBM name: SMF33RS1) Reserved.
zCPU	CHAR	10	(IBM name: SMF33CPU) Partner user ID.
zCRT	TSTMP	8	(IBM name: SMF33CRT) Date/Time (in STCK format) allocate request was received for the conversation. The field is zero for outbound requests.
zCQT	TSTMP	8	(IBM name: SMF33CQT) Date/Time (in STCK format) conversation was put on allocate queue. The field is zero for outbound requests and for scheduled inbound requests. 112 6C SMF33CST 8 BINARY Inbound Requests: Date/Time (in STCK format) when the conversation was associated with a new address space for processing. If an APPC/MVS server processed this conversation, this field shows the time when the server received the conversation through the Receive_Allocate service. Outbound Requests: Date/Time (in STCK format) when the local program called the Allocate service.
zCET	TSTMP	8	(IBM name: SMF33CET) Date/time (in STCK format) when the conversation was deallocated.
zCMN	CHAR	8	(IBM name: SMF33CMN) Mode name of the conversation.
zCSN	INT	4	(IBM name: SMF33CSN) Number of Send calls issued during the conversation.
zCDS	FLOAT	8	(IBM name: SMF33CDR) Amount of data (in bytes) sent during the conversation.
zCRE	INT	4	(IBM name: SMF33CRE) Number of Receive calls issued during the conversation.
zCDR	FLOAT	8	(IBM name: SMF33CDR) Amount of data (in bytes) received during the conversation.
zCVB	INT	4	(IBM name: SMF33CVB) Number of callable service requests issued during the conversation.
zCRC	INT	4	(IBM name: SMF33CRC) Return code from the last callable service on this conversation (Possible return codes are documented in the APPC/MVS publications.)
zCRS	INT	4	(IBM name: SMF33CRS) Last reason code from a callable service in this conversation (Possible reason codes are documented in the APPC/MVS publications.)
zCSA	INT (ENUM)	4	(IBM name: SMF33CSA) Conversation state
zCSS	TSTMP	8	(IBM name: SMF33CSS) Date/Time (in STCK format) when the last APPC/MVS callable service was requested during the conversation.
zCSE	TSTMP	8	(IBM name: SMF33CSE) Date/Time (in STCK format) when the last APPC/MVS callable service completed during the conversation.

Secondary segment: SMF033_02_LUWID

Field Name	Type	Len	Description
<i>SMF033_02_LUWID.<fieldname></i>			
zLUL	INT	2	(IBM name: SMF33LUL) Length of logical unit of work ID (SMF33LUW).
zLUW	XVCHAR	0 26	(IBM name: SMF33LUW) Logical unit of work ID (LUW_ID).

Secondary segment: SMF033_02_Partner_TP_Prog

Field Name	Type	Len	Description
<i>SMF033_02_Partner_TP_Prog.<fieldname></i>			
zTPL	INT	2	(IBM name: SMF33TPL) Length of the partner TP name field (SMF33TPN).
zTPN	XVCHAR	0 64	(IBM name: SMF33TPN) Partner transaction program name. If this conversation is inbound, this field contains the name of the program that initiated the conversation (through the Allocate service). If this conversation is outbound, this field contains the name of the program that was attached on this LU as a result of an Allocate call.

Secondary segment: SMF033_02_Local_TP_Prog

Field Name	Type	Len	Description
<i>SMF033_02_Local_TP_Prog.<fieldname></i>			
zTPL	INT	2	(IBM name: SMF33TPL) Length of the local TP name field (SMF33TPN).
zTPN	XVCHAR	0 64	(IBM name: SMF33TPN) Local transaction program name. If this conversation is inbound, this field contains the name of the program that was attached on this LU in response to an Allocate call. If this conversation is outbound, this field contains the name of the program that initiated the conversation (that is, issued the Allocate call).

Secondary segment: SMF033_02_User_Data

Field Name	Type	Len	Description
<i>SMF033_02_User_Data.<fieldname></i>			
zUDL	INT	2	(IBM name: SMF33UDL) Length of data in user data field (SMF33UDF).
zUDF	XVCHAR	0 255	(IBM name: SMF33UDF) User data field. This is user-defined data that one of the (max) partner programs wrote to this record, through the Set_Conversation_Accounting_Information service.

Record Type 34 - TS-Step Termination

SMF Record 34 (TS-Step Termination) is mapped by structure member "T034".

Primary Segment:

- [SMF034_TS_Step_Term](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF034_Accounting](#)
- [SMF034_EXCP](#)
- [SMF034_Relocate](#)

Primary segment: [SMF034_TS_Step_Term](#)

Field Name	Type	Len	Description
<i>SMF034_TS_Step_Term.<fieldname></i>			
zFLG	HEX	1	(IBM name: TIVRFLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: TIVRCDTY) Record type 34 (X'22').
zTME	TSTMP	8	(IBM name: TIVRCDS) Date/Time that the record is passed to the SMF writer. This is the time the step ended.
zCPUID	CHAR	4	(IBM name: TIVCPUID) System identification (from the SID parameter).
zUIF	CHAR	8	(IBM name: TIVUIF) Job name.
zONTME	TSTMP	8	(IBM name: TIVONTME) Logon Date/Time.
zUDATA	CHAR	8	(IBM name: TIVUDATA) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zINVSQ	INT	1	(IBM name: TIVINVSQ) Step number (this field always equals 1).
zSIT	TIME	4	(IBM name: TIVSIT) Time since midnight, in hundredths of a second, that the initiator selected this step.
zOUTCT	INT	4	(IBM name: TIVOUTCT) Number of lines of terminal output, that is, number of TPUTs issued.
zINCT	INT	4	(IBM name: TIVINCT) Number of lines of terminal input, that is, number of TGETs satisfied.
zSTAT	HEX	2	(IBM name: TIVSTAT) Step completion code: X'0ccc' indicates system ABEND where ccc is the system ABEND code. (See z/OS MVS System Codes.) X'8ccc' indicates user ABEND where ccc is the user ABEND code. X'nnn' indicates normal completion where nnn is the contents of the two low-order bytes in register 15 AT end. X'000' indicates either: (1) the job step was flushed (not processed) because of an error during allocation, or (2) normal job completion with a return code of 0. Use this field in conjunction with the step-termination indicator field (offset 87).
zPRI	INT	1	(IBM name: TIVPRI) Address space dispatching priority (taken from DPTRTY=parameter on the EXEC card or the default APG value).
zPRGNM	CHAR	8	(IBM name: TIVPRGNM) Program name (taken from PGM=parameter on EXEC card). If a backward reference was used, then this field contains *.DD.
zINVNM	CHAR	8	(IBM name: TIVINVNM) Step name (taken from name on EXEC card).

zRSV5	CHAR	2	(IBM name: TIVRSV5) Note that TIVEFRGN, formerly a two-byte field at this offset, has been increased to four bytes and moved to offset 82.
zSYST	INT	2	(IBM name: TIVSYST) Largest amount of storage used from top of private area, in 1K units. This storage area includes the local system queue area (LSQA) and SWA (subpools 229, 230, 236, 237, 249, and 253-255). If ADDRSPC=REAL is specified, this field equals the amount of storage used that was not from this contiguous real storage reserved for the program. See offsets 82 AND 102.
zMCRE	INT	2	(IBM name: TIVMCRE) Largest amount of storage used from bottom of private area, in 1K units. This storage area includes sub-pool 0-127, 129-132, 244, 251 AND 252. If ADDRSPC=REAL is specified, this field equals the amount of contiguous real storage that was used. See offsets 82 AND 102. If storage was not allocated (job step was flushed), these fields equal zero.
zRVC	CHAR	2	(IBM name: TIVRVC) Reserved.
zEFRGN	INT	4	(IBM name: TIVEFRGN) Region size established, in 1K units taken from the REGION=parameter in the JCL, and rounded up to a four K boundary. If ADDRSPC=REAL is specified, this field equals the amount of contiguous real storage reserved for the program. If the region requested was greater than 16 MEGABYTES, the region established resides above 16 MEGABYTES, and this field will contain a minimum value of 32 MEGABYTES.
zSPK	INT	1	(IBM name: TIVSPK) Storage protect key, in the form xxxx0000 where xxxx is the key.

SMF034_TS_Step_Term.zSTI.<fieldname>

zIEFUJV	BIT	1	Canceled by exit IEFUJV.
zIEFUJI	BIT	1	Canceled by exit IEFUJI. Job steps canceled by IEFUJI and IEFUSI will not be processed. therefore bit 7 will be on
zIEFUSI	BIT	1	Canceled by exit IEFUSI Job steps canceled by IEFUJI and IEFUSI will not be processed. therefore bit 7 will be on
zRestart	BIT	1	Step is to be restarted.
zAbEnd	BIT	1	If zero, then normal completion. If 1, then and abnormal end of task (abend) will occur. If step completion code (offset 55) equals 0322 or 0522, IEFUTL caused the abend. If step completion code equals 0722, IEFUSO caused the abend.
zFlushed	BIT	1	If zero, then normal completion. If 1, step was flushed.

SMF034_TS_Step_Term.<fieldname>

zRV1	CHAR	2	(IBM name: TIVRV1) Reserved.
zAST	TIME	4	(IBM name: TIVAST) Device allocation start time, in hundredths of a second.
zPPST	TIME	4	(IBM name: TIVPPST) Problem program start time, in hundredths of a second.
zRV2	CHAR	1	(IBM name: TIVRV2) Reserved.
zSRBT	INT	3	(IBM name: TIVSRBT) Step CPU time under SRBs, in hundredths of a second. This field includes the CPU time for various supervisory routines that are dispatched from SRBs: locking routines, page resolution, swap control, cross-memory communications (WAIT, POST, I/O POST), and TQE scheduling. CPU time is not expected to be constant between different runs of the same job step. (See Chapter 11, 'CPU time,' on page 139.)

SMF034_TS_Step_Term.zRIN.<fieldname>

zFIELD	BIT	1	Field TIVCPUTM is not valid. An overflow condition is when the length of the value for the step CPU time under TCBs is greater than 3 bytes. This condition is not recorded in the type 34 record (TIVCPUTM). The time is
--------	-----	---	---

			available in the type 30 record (SMF30CPT). If your installation uses an accounting program that does not use the type 30 record to gather step CPU time, you must update that program. Only the type 30 record should be considered valid.
zDEVICE	BIT	1	Device data not recorded. When there are more than 1635 DD statements, device data is not collected for the type 34 record. The data is available in the type 30 Record.
zEXCP	BIT	1	EXCP count may be wrong. For more information on EXCP count
zIF	BIT	1	If zero, storage is virtual (if 1, storage is real).

SMF034_TS_Step_Term.<fieldname>			
zRLCT	INT	2	(IBM name: TIVRLCT) Offset from the beginning of the record header to relocate section.
zVAR	INT	2	(IBM name: TIVVAR) Length of execute channel program (EXCP) count fields.

Secondary segment: SMF034_EXCP

Field Name	Type	Len	Description
<i>SMF034_EXCP.<fieldname></i>			
zDEVC	INT	1	(IBM name: TIVDEVC) Device class.
zUTYP	INT	1	(IBM name: TIVUTYP) Unit type.
zCUAD	HEX	2	(IBM name: TIVCUAD) Device number.
zNEXCP	INT	4	(IBM name: TIVNEXCP) Execute channel program (EXCP) count. See offset 102 - TIVRIN.

Secondary segment: SMF034_Accounting

Field Name	Type	Len	Description
<i>SMF034_Accounting.<fieldname></i>			
zVARA	INT	1	(IBM name: TIVVARA) Length of accounting section (excluding this field).
zCPUTM	INT	3	(IBM name: TIVCPUTM) CPU time under task control blocks (TCB), in hundredths of a second. This field includes the CPU time for all tasks that are dispatched from TCBs below the level of RCT. CPU time is not expected to be constant between different runs of the same job step. (See Chapter 11, 'CPU time,' on page 139.)
zNBRAC	INT	1	(IBM name: TIVNBRAC) Number of accounting fields.
zACFLD	VCHAR	1 257	(IBM name: TIVACFLD) Accounting fields. Each entry for an accounting field contains the length of the field (one byte, binary) followed by the field (EBCDIC). A zero indicates an omitted field.

Secondary segment: **SMF034_Relocate**

Field Name	Type	Len	Description
<i>SMF034_Relocate.<fieldname></i>			
zPGIN	INT	4	(IBM name: TIVPGIN) Number of non-VIO (virtual input/output) page-ins for this step. This field includes page-ins required through page faults, specific page requests, and page fixes. It does not include page reclaims, page-ins for VIO data sets, and page-ins for the common area.
zPGOUT	INT	4	(IBM name: TIVPGOUT) Number of non-VIO (virtual input/output) page-outs for this step. This field includes page-outs required through specific page requests including those pages 'stolen' by the paging supervisor through infrequent use. It does not include page-outs for VIO data sets, and page-outs for the common area.
zRGNS	INT	4	(IBM name: TIVRGNS) Number of address space swap sequences. A swap sequence consists of a swap-out and swap-in of an address space.
zSIN	INT	4	(IBM name: TIVSIN) Number of pages swapped in. This field includes: local system queue area (LSQA), fixed pages, and those pages that the real storage manager determined to be active when the address space was swapped out. It does not include page reclaims nor pages found in storage during the swap-in process (such as pages brought in from SRBs started after completion of swap-in Stage 1 PROCESSING).
zSOUT	INT	4	(IBM name: TIVSOUT) Number of pages swapped out. This field includes: local system queue area (LSQA), private area fixed pages, and private area non-fixed changed pages.
zVPI	INT	4	(IBM name: TIVVPI) Number of virtual input/output (VIO) page-ins for this step. This field includes page-ins resulting from page faults or specific page requests on a VIO window. It does not include VIO swap-ins or page-ins for the common area.
zVPO	INT	4	(IBM name: TIVVPO) Number of virtual input/output (VIO) page-outs for this step. This field includes page-outs resulting from specific page requests on a VIO window, and includes those pages 'stolen' by the paging supervisor through infrequent use. It does not include VIO swap-outs or page-outs for the common area.
zSST	INT	4	(IBM name: TIVSST) Step service, in service units. This field is calculated as total job service minus the accumulated job service before this step's initialization.
zACT	INT	4	(IBM name: TIVACT) Step transaction active time, in 1024-microsecond units. Calculated as total job transaction active time minus the accumulated transaction active time before this step's initialization.)
zPGNO	INT	2	(IBM name: TIVPGNO) Beginning with z/OS V1R3, this field is always zero.
zTRANT	INT	4	(IBM name: TIVTRANT) Step transaction residency time, in 1024-microsecond units. That is the amount of time the transaction was in real storage.
zCPM	INT	4	(IBM name: TIVCPM) Number of attempts to read data from an ESO hiperspace that were not satisfied because the data has been deleted.
zRCLAM	INT	4	(IBM name: TIVRCLAM) Number of virtual input/output (VIO) reclaims for this step.
zCPGIN	INT	4	(IBM name: TIVCPGIN) Number of common area page-ins for this step (link pack area (LPA) + CSA).
zHSPI	INT	4	(IBM name: TIVHSPI) Number of hiperspace page-ins from auxiliary to processor storage.
zPGSTL	INT	4	(IBM name: TIVPGSTL) Number of pages 'stolen' from the storage for this step.
zPGSEC	INT	8	

			(IBM name: TIVPGSEC) Number of page seconds for this step, in page millisecond units. Calculated as: the number of pages used by this step times the processing time it held that number of pages.
zLPAI	INT	4	(IBM name: TIVLPAI) Number of link pack area (LPA) page-ins for the step.
zHSPO	INT	4	(IBM name: TIVHSPO) Number of hiperspace page-outs from processor to auxiliary storage.
zCPUS	INT	4	(IBM name: TIVCPUS) Step CPU service, in service units.
zIOCS	INT	4	(IBM name: TIVIOCS) Step I/O service, in service units.
zMSOS	INT	4	(IBM name: TIVMSOS) Step main storage service, in service units.
zSRBS	INT	4	(IBM name: TIVSRBS) Step SRB service, in service units.
zTSN	CHAR	8	(IBM name: TIVTSN) Terminal symbolic name.

Record Type 35 - LOGOFF

SMF Record 35 (LOGOFF) is mapped by structure member "T035".

Primary Segment:

- **SMF035_LOGOFF**

Secondary Segment(s): 0

Primary segment: **SMF035_LOGOFF**

Field Name	Type	Len	Description
<i>SMF035_LOGOFF.<fieldname></i>			
SMF035_LOGOFF.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: TLGRFLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: TLGRCDTY) Record type 35 (X'23').
zTME	TSTMP	8	(IBM name: TLGRCDTS) Date/Time that the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: TLGUIF) Job name.
zONTME	TSTMP	8	(IBM name: TLGONTME) Logon time.
zUSERID	CHAR	8	(IBM name: TLGUIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zSTPCT	INT	1	(IBM name: TLGSTPCT) Number of steps in session. (This field always equals 1.)
zCRTME	CHAR	4	(IBM name: TLGCRTME) Reserved.
zOUTCT	INT	4	(IBM name: TLGOUTCT) Number of lines of terminal output, that is, number of TPUTs issued.
zINCT	INT	4	(IBM name: TLGINCT) Number of lines of terminal input, that is, number of TGETs satisfied.
zSTAT	INT	2	(IBM name: TLGSTAT) Job completion code: X'0ccc' indicates system ABEND where ccc is the system (See z/OS MVS System Codes.) X'8ccc' indicates user ABEND where ccc is the user ABEND code. X'nnnn' indicates normal completion where nnnn is the contents of the two low-order bytes in register 15 AT termination. X'0000' indicates normal job completion with return code of 0. Use this field in conjunction with the job termination indicator field (offset 66).
zPRI	INT	1	(IBM name: TLGPRI) Logon priority. This field normally equals the user-assigned priority of 0-13, but if the job fails while being scheduled, this field equals 14 (TAKEN from the PRTY parameter on the JOB card). If no value is specified for the PRTY parameter on the JOB card, this field contains: v For JES3, the default priority specified on the JES3 STANDARDS initialization card v For JES2, a zero JES2 does not use the priority value reported in this field. (The JES2 job selection priority is requested by the JES2 /*PRIORITY control statement.)
zNQTME	TSTMP	8	(IBM name: TLGNQTME) Logon enqueue time.

zTRMI	INT	1	(IBM name: TLGTRMI) Job termination indicator Bit Meaning when set 0 RESERVED 1 CANCELED at exit IEFUJV 2 CANCELED at exit IEFUJI 3 CANCELED at exit IEFUSI 4-5 Reserved 6 IF 0, normal completion. If 1, abnormal termination 7 RESERVED
zOUTCL	CHAR	1	(IBM name: TLGOUTCL) Reserved.
zTRANT	TIME	4	(IBM name: TLGTRANT) Job transaction residency time, in 1024-microsecond units. That is the total amount of time all transactions were in central storage.
zRVC	CHAR	4	(IBM name: TLGRVC) Reserved.
zSPK	INT	1	(IBM name: TLGSPK) Storage protect key, in the form xxxx0000 where xxxx is the key.
zSRBT	INT	3	(IBM name: TLGSRBT) Job CPU time under SRBs, in hundredths of a second. This field includes the CPU time for various supervisory routines that are dispatched from SRB: locking routines, page resolution, swap control, cross-memory communications (WAIT, POST, I/O POST), and TQE scheduling. CPU time may not be constant between different runs of the same job.
zTJS	INT	4	(IBM name: TLGTJS) Job service, in service units.
zTTAT	TIME	4	(IBM name: TLGTTAT) Job transaction active time, in 1024-microsecond units.
zNTSN	INT	4	(IBM name: TLGNTSN) Number of transactions.
zPGNO	INT	2	(IBM name: TLGPGNO) Beginning with z/OS V1R3, this field is always zero.
zRV2	CHAR	2	(IBM name: TLGRV2) Reserved.
zVAR	INT	1	(IBM name: TLGVAR) Length of rest of record, excluding this field.
zRVB	CHAR	20	(IBM name: TLGRVB) Reserved.
zCPUTM	INT	3	(IBM name: TLGCPUTM) Job CPU time under TCBs, in hundredths of a second. This field includes the CPU time for all tasks that are dispatched from TCBs below the level of RCT.
zNBRAC	INT	1	(IBM name: TLGNBRAC) Number of accounting fields.

SMF035_LOGOFF.Header_Self_defining_Section.zACFLD.<fieldname>

zACFLDL	INT	1	(IBM name: N/A) Accounting field length.
zACFLDD	XVCHAR	0 256	(IBM name: N/A) Accounting field data.

SMF035_LOGOFF.Relocate_Section.<fieldname>

zCPUS	INT	4	(IBM name: TLGCPUS) Job CPU service, in service units.
zIOCS	INT	4	(IBM name: TLGIOCS) Job I/O service, in service units.
zMSOS	INT	4	(IBM name: TLGMSOS) Job main storage service, in service units
zSRBS	INT	4	(IBM name: TLGSRBS) Job SRB service, in service units.
zTSN	CHAR	8	(IBM name: TLGTSN) Terminal symbolic name.

Record Type 36 - ICF Catalog Report

SMF Record 36 (ICF Catalog Report) is mapped by structure member "T036".

Primary Segment:

- **SMF036_ICF_Catalog_Export**

Secondary Segment(s): 0

Primary segment: **SMF036_ICF_Catalog_Export**

Field Name	Type	Len	Description
<i>SMF036_ICF_Catalog_Export.<fieldname></i>			
SMF036_ICF_Catalog_Export.Header_Self_defining_Section.<fieldname>			
zSYS	HEX	1	(IBM name: SMF36SYS) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF36RTY) Record type 36 (X'24').
zTME	TSTMP	8	(IBM name: SMF36TME) Date/Time that the record was moved into the SMF buffer.
zCPU	CHAR	4	(IBM name: SMF36CPU) System identification.
zSBS	CHAR	4	(IBM name: SMF36SBS) Subsystem identification.
zSUB	CHAR	2	(IBM name: SMF36SUB) Record SubType '00' - Export integrated catalog facility catalog.
zNOT	INT	2	(IBM name: SMF36NOT) Number of triplets.
zPOF	INT	4	(IBM name: SMF36POF) Offset to product section.
zPLN	INT	2	(IBM name: SMF36PLN) Length of product section.
zPNO	INT	2	(IBM name: SMF36PNO) Number of product sections.
zDOF	INT	4	(IBM name: SMF36DOF) Offset to data section.
zDLN	INT	2	(IBM name: SMF36DLN) Length of data section.
zDNO	INT	2	(IBM name: SMF36DNO) Number of data sections.

SMF036_ICF_Catalog_Export.<fieldname>			
zPVN	CHAR	2	(IBM name: SMF36PVN) Product version.
zPNM	CHAR	8	(IBM name: SMF36PNM) Product name.
zPRL	CHAR	2	(IBM name: SMF36PRL) Record type 36 LEVEL.
zJNM	CHAR	8	(IBM name: SMF36JNM) Job name.
zRST	TSTMP	8	(IBM name: SMF36RST) Date/Time that the reader recognized the JOB card (for this job).
zUID	CHAR	8	(IBM name: SMF36UID) User-defined identification field (taken from common exit parameter area,

			not from USER=parameter on job statement).
zPGM	CHAR	8	(IBM name: SMF36PGM) Program name.
zCNM	CHAR	44	(IBM name: SMF36CNM) Integrated catalog facility catalog name.
zCVS	CHAR	6	(IBM name: SMF36CVS) Catalog volume serial, if available.
zCDT	INT	4	(IBM name: SMF36CDT) Catalog UCB device type, if available.
zEDT	CHAR	8	(IBM name: SMF36EDT) Date of export (mm/dd/yy).
zETM	CHAR	8	(IBM name: SMF36ETM) Time of export (hh:mm:ss).
zPDS	CHAR	44	(IBM name: SMF36PDS) Portable data set name.
zPVS	CHAR	6	(IBM name: SMF36PVS) Portable data set volume.
zPDT	INT	4	(IBM name: SMF36PDT) Portable data set UCB device type (associated with the first/only volume), if available.
zEIN	CHAR	2	(IBM name: SMF36EIN) Export Indicator. 'AE' - Aliases were exported. 'NE' - No aliases exported.

Record Type 40 - Dynamic DD

SMF Record 40 (Dynamic DD) is mapped by structure member "T040".

Primary Segment:

- SMF040_Dynamic_DD

Secondary Segment(s): 0

Primary segment: SMF040_Dynamic_DD

Field Name	Type	Len	Description
<i>SMF040_Dynamic_DD.<fieldname></i>			
SMF040_Dynamic_DD.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: TDDRFLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: TDDRCDTY) Record type 40 (X'28').
zTME	TSTMP	8	(IBM name: TDDRCDTS) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: TDDUIF) Job name.
zONTME	TSTMP	8	(IBM name: TDDONTME) Logon time. (If a background job, this field contains the time the reader recognized the JOB card.)
zUDATA	CHAR	8	(IBM name: TDDUDATA) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zINVSQ	INT	1	(IBM name: TDDINVSQ) Step number (first step = 1, etc).
zFLAG	INT (ENUM)	1	(IBM name: N/A) Functional indicator.
SMF040_Dynamic_DD.Header_Self_defining_Section.zRIN.<fieldname>			
zEXCP_Bad	BIT	1	EXCP count may be wrong.
SMF040_Dynamic_DD.Header_Self_defining_Section.<fieldname>			
zRCIND	INT	2	(IBM name: TDDRCIND) Index of record in sequence of records. Note: In releases prior to 4.2.2, this field is zero.
zRCTOT	INT	2	(IBM name: TDDRCTOT) Total number of records in sequence of records. Note: In releases prior to 4.2.2, this field is zero.
zRVA	CHAR	14	(IBM name: TDDRVA) Reserved.
zVAR	INT	2	(IBM name: TDDVAR) Length of device entry portion of this record. Calculated as: (8 times the number of devices) + 2.
SMF040_Dynamic_DD.Header_Self_defining_Section.zEXCP.<fieldname>			
zDEVIC	INT	1	

			(IBM name: TDDDEV) Device class.
zUTYP	INT	1	(IBM name: TDDUTYP) Unit type.
zCUAD	HEX	2	(IBM name: TDDCUAD) Device number.
zNEXCP	INT	4	(IBM name: TDDNEXCP) EXCP count (see zEXCP).

Record Type 41 - DIV Objects and VLF Statistics

SMF Record 41 (DIV Objects and VLF Statistics) is mapped by structure member "T041".

Primary Segment:

- SMF041_DIV_and_VLF

Secondary Segment(s): 5 (in alphabetical order)

- SMF041_Object_ACCESS
- SMF041_Product
- SMF041_02_IO_Activity
- SMF041_02_Object_UNACCESS
- SMF041_03_VLF_Stats

Primary segment: SMF041_DIV_and_VLF

Field Name	Type	Len	Description
SMF041_DIV_and_VLF.<fieldname>			
SMF041_DIV_and_VLF.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF41FLG) System indicator: Bit Meaning when set 0 SUBSYSTEM identification follows system identification 1 SubTypeS used 2 RESERVED 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description.
zRTY	INT	1	(IBM name: SMF41RTY) Record type 41 (X'29').
zTME	TSTMP	8	(IBM name: SMF41TME) Date/Time when the record was written.
zSID	CHAR	4	(IBM name: SMF41SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF41SSI) Subsystem identification (EBCDIC blanks).
zSTY	INT	2	(IBM name: SMF41STY) Record SubType
zSTYe	INT (ENUM)	2	(IBM name: SMF41STY) Record SubType Value Meaning
zTRP	INT	2	(IBM name: SMF41TRP) Number of triplets. A triplet is a set of offset/length/number values that defines a section of the record.
zxxx	CHAR	2	(IBM name: SMF41xxx) Reserved.
zOPD	INT	4	(IBM name: SMF41OPD) Offset to product section.
zLPD	INT	2	(IBM name: SMF41LPD) Length of product section.
zNPD	INT	2	(IBM name: SMF41NPD) Number of product sections.
zOD1	INT	4	(IBM name: SMF41OD1) Offset of object ACCESS data section.
zLD1	INT	2	(IBM name: SMF41LD1) Length of object ACCESS data section.
zND1	INT	2	(IBM name: SMF41ND1) Number of object ACCESS data sections.
zOD2	INT	4	(IBM name: SMF41OD2) Offset of object UNACCESS data section.
zLD2	INT	2	(IBM name: SMF41LD2) Length of object UNACCESS data section.

zND2	INT	2	(IBM name: SMF41ND2) Number of object UNACCESS data sections.
zOD3	INT	4	(IBM name: SMF41OD3) Offset of I/O activity section.
zLD3	INT	2	(IBM name: SMF41LD3) Length of I/O activity section.
zND3	INT	2	(IBM name: SMF41ND3) Number of I/O activity sections.
zOD4	INT	4	(IBM name: SMF41OD4) Offset to the VLF statistics section.
zLD4	INT	2	(IBM name: SMF41LD4) Length of the VLF statistics section.
zND4	INT	2	(IBM name: SMF41ND4) Number of VLF statistics sections.

Secondary segment: SMF041_Product

Field Name	Type	Len	Description
<i>SMF041_Product.<fieldname></i>			
zPL	CHAR	8	(IBM name: SMF41PL) Product level
zPN	CHAR	16	(IBM name: SMF41PN) Product name ('DATA-IN-VIRTUAL')

Secondary segment: SMF041_Object_ACCESS

Field Name	Type	Len	Description
<i>SMF041_Object_ACCESS.<fieldname></i>			
zDDA	CHAR	8	(IBM name: SMF41DDA) Object data definition name (ddname).
zAZA	INT	4	(IBM name: SMF41AZA) Object size, in units of blocks, when accessed.
zATA	TIME	4	(IBM name: SMF41ATA) Time since midnight when the object was accessed.
zTYA	INT (ENUM)	1	(IBM name: SMF41TYA) Object type Code Meaning 1 DA.
zAMA	INT (ENUM)	1	(IBM name: SMF41AMA) ACCESS mode.
zJobName	CHAR	8	(IBM name: SMF41JBN) Job name (initiator or started task).

Secondary segment: SMF041_02_Object_UNACCESS

Field Name	Type	Len	Description
<i>SMF041_02_Object_UNACCESS.<fieldname></i>			
zUZU	INT	4	(IBM name: SMF41UZU) Object size, in units of blocks, when unaccessed.
zUTU	TIME	4	

			(IBM name: SMF41UTU) Time since midnight when the object was unaccessed.
--	--	--	---

Secondary segment: SMF041_02_IO_Activity

Field Name	Type	Len	Description
<i>SMF041_02_IO_Activity.<fieldname></i>			
zBRD	INT	4	(IBM name: SMF41BRD) Total reads, including re-reads (number of blocks read from object).
zBWR	INT	4	(IBM name: SMF41BWR) Total writes (number of blocks written to object).
zBRR	INT	4	(IBM name: SMF41BRR) Total re-reads (number of blocks re-read from object).
zNC	INT	4	(IBM name: SMF41NC) Total I/O calls for reads.
zOUC	INT	4	(IBM name: SMF41OUC) Total I/O calls for writes.

Secondary segment: SMF041_03_VLF_Stats

Field Name	Type	Len	Description
<i>SMF041_03_VLF_Stats.<fieldname></i>			
zCLS	CHAR	8	(IBM name: SMF41CLS) Class name.
zMVT	INT	4	(IBM name: SMF41MVT) MAXVIRT specified, in 4K blocks. MAXVIRT is a VLF parameter specified in the COFVLFxx parmlib member.
zUSD	INT	4	(IBM name: SMF41USD) Amount of virtual storage currently being used, in 4K blocks.
zSRC	INT	4	(IBM name: SMF41SRC) Number of times the cache was searched in this interval.
zFND	INT	4	(IBM name: SMF41FND) Number of objects found in the cache in this interval.
zADD	INT	4	(IBM name: SMF41ADD) Number of objects added to the cache in this interval.
zDEL	INT	4	(IBM name: SMF41DEL) Number of objects deleted from the cache in this interval.
zTRM	INT	4	(IBM name: SMF41TRM) Number of objects trimmed from the cache in this interval.
zLRG	INT	4	(IBM name: SMF41LRG) Largest object attempted to put in the cache.
zTIM	TSTMP	8	(IBM name: SMF41TIM) Timestamp of last successful COFDEFIN in STCK format. Contains zero if the class is not currently active.
zAAG	TIME	4	(IBM name: SMF41AAG) Current ALERTAGE value
zYAG	TIME	4	(IBM name: SMF41YAG) Age of the youngest trimmed object since the last COFDEFIN for this class. A value of 'FFFFFFF'X means that no trimming has occurred.
zMAG	TIME	4	(IBM name: SMF41MAG) Age of the youngest trimmed object since the VLF_MAXVIRT health check last ran. A value of 'FFFFFFF'X means that no trimming has occurred.

zCAG	INT	4	(IBM name: SMF41CAG) Number of age exceptions raised by the VLF_MAXVIRT health check since the last COFDEFIN for this class.
------	-----	---	---

Record Type 42 - DFSMS Statistics and Configuration

SMF Record 42 (DFSMS statistics and configuration) has a number of subtypes, each mapped by a structure member name of the format "T042STnn".

Record Type 42 Subtype 1 - BMF Cache Summary

Primary Segment:

- SMF042#01_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#01_BMF_Totals
- SMF042#01_Product_Section
- SMF042#01_Storage_Class_Summary

Primary segment: SMF042#01_DFSMS

Field Name	Type	Len	Description
<i>SMF042#01_DFSMS.<fieldname></i>			
SMF042#01_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#01_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zBMO	INT	4	(IBM name: SMF42BMO) Offset to BMF totals section from start of record, including record descriptor word (RDW).
zBML	INT	2	(IBM name: SMF42BML) Length of BMF totals section.

zBMN	INT	2	(IBM name: SMF42BMN) Number of BMF totals sections.
zSCO	INT	4	(IBM name: SMF42SCO) Offset to storage class summary section from start of record, including record descriptor word (RDW).
zSCL	INT	2	(IBM name: SMF42SCL) Length of storage class summary section.
zSCN	INT	2	(IBM name: SMF42SCN) Number of storage class summary sections. The following six fields are only included with SubType 2:

Secondary segment: **SMF042#01_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#01_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#01_BMF_Totals**

Field Name	Type	Len	Description
<i>SMF042#01_BMF_Totals.<fieldname></i>			
zTNA	INT	4	(IBM name: SMF42TNA) Total number of storage classes.
zTMT	INT	4	(IBM name: SMF42TMT) Interval length. This is the elapsed time of the measurement period in seconds.
zTRT	INT	4	(IBM name: SMF42TRT) Total number of member data page reads.
zTRH	INT	4	(IBM name: SMF42TRH) Total number of member data page read hits handled by BMF.
zTDT	INT	4	(IBM name: SMF42TDT) Total number of directory data page reads.
zTDH	INT	4	(IBM name: SMF42TDH) Total number of directory data page read hits handled by BMF.
zBUF	INT	4	(IBM name: SMF42BUF) Total number of active BMF 4K buffers.
zBMX	INT	4	(IBM name: SMF42BMX) High water mark of BMF buffers.
zLRU	INT	2	

			(IBM name: SMF42LRU) BMF LRU interval time.
zUIC	INT	2	(IBM name: SMF42UIC) BMF LRU cycles until inactive buffers are cast out.

Secondary segment: SMF042#01_Storage_Class_Summary

Field Name	Type	Len	Description
<i>SMF042#01_Storage_Class_Summary.<fieldname></i>			
zPNL	INT	2	(IBM name: SMF42PNL) Length of storage class name.
zPNN	CHAR	30	(IBM name: SMF42PNN) Storage class name.
zSRT	INT	4	(IBM name: SMF42SRT) Total number of member data page reads.
zSRH	INT	4	(IBM name: SMF42SRH) Total number of member data page read hits handled by BMF.
zSDT	INT	4	(IBM name: SMF42SDT) Total number of directory data page reads.
zSDH	INT	4	(IBM name: SMF42SDH) Total number of directory data page read hits handled by BMF.

Record Type 42 Subtype 2 - Cache CUs with SMS-managed Device(s)**Primary Segment:**

- SMF042#02_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#02_Control_Unit_Cache
- SMF042#02_Product_Section
- SMF042#02_Volume_Status

Primary segment: SMF042#02_DFSMS

Field Name	Type	Len	Description
SMF042#02_DFSMS.<fieldname>			
SMF042#02_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#02_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zCUO	INT	4	(IBM name: SMF42CUO) Offset to control unit cache section from start of record, including record descriptor word (RDW).
zCUL	INT	2	(IBM name: SMF42CUL) Length of control unit cache section.
zCUN	INT	2	(IBM name: SMF42CUN) Number of control unit cache sections.
zVLO	INT	4	(IBM name: SMF42VLO) Offset to volume section from start of record, including record descriptor word (RDW).
zVLL	INT	2	(IBM name: SMF42VLL) Total length of all volume sections. (Number of volume sections multiplied

			by the length of one volume section.)
zVLN	INT	2	(IBM name: SMF42VLN) Number of volume sections. The following three fields are only included with SubType 3:

Secondary segment: **SMF042#02_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#02_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#02_Control_Unit_Cache**

Field Name	Type	Len	Description
<i>SMF042#02_Control_Unit_Cache.<fieldname></i>			
SMF042#02_Control_Unit_Cache.zSCS.<fieldname>			
zCache	BINT (ENUM)	3	(IBM name: SMF42SCS) Storage director caching status. ACTIVE => Caching is active. PENDING => Caching is pending active. ERROR => Internal subsystem error (Caching has ended). DEACT => Caching deactivated due to explicit host system request. PENDO => Pending off is in progress (Command to deactivate cache received, but de-stage is still in progress). PENDINGOFF => Pending off destage has failed.
zSMaint	BIT	1	Subsystem storage disabled for maintenance.
zIML	BIT	1	IML device is not available.
zNRet	BIT	1	Non-retentive data is deactivated.

SMF042#02_Control_Unit_Cache.zNCS.<fieldname>			
zNVCache	BINT (ENUM)	2	(IBM name: SMF42NCS) Subsystem non-volatile storage caching status. ACTIVE => Non-volatile cache is active. ERROR => Internal subsystem error (Non-volatile cache availability is ended). DEACT => Non-volatile cache has been deactivated due to explicit host system request. PENDING => Pending non-volatile unavailable has been received, but destage is still in progress.
zNVSMaint	BIT	1	Non-volatile storage disabled for maintenance.
zNVSError	BIT	1	Non-volatile storage disabled due to error.

SMF042#02_Control_Unit_Cache.<fieldname>			
zCID	INT	2	

			(IBM name: SMF42CID) Subsystem identifier.
zCSS	INT	4	(IBM name: SMF42CSS) Configured subsystem storage capacity, in bytes. F'1' means the capacity could not be determined.
zSSA	INT	4	(IBM name: SMF42SSA) Subsystem storage available, in bytes, for allocation as cache space.
zSAP	INT	4	(IBM name: SMF42SAP) Subsystem storage allocated, in bytes, for pinned data.
zSSU	INT	4	(IBM name: SMF42SSU) Subsystem storage unavailable, in bytes, due to subsystem failures.
zNSZ	INT	4	(IBM name: SMF42NSZ) Configured non-volatile cache capacity, in bytes. F'1' means the capacity could not be determined.
zSPR	INT	4	(IBM name: SMF42SPR) Non-volatile cache allocated, in bytes, for pinned data.

SMF042#02_Control_Unit_Cache.zLUPD.<fieldname>

zLCT	INT	4	(IBM name: SMF42LCT) I/O count for the subsystem.
zLFW	INT	4	(IBM name: SMF42LFW) Fast write bypass count.
zLRH	INT	4	(IBM name: SMF42LRH) Cache normal read hit percent, between 0 AND 100.
zLWM	INT	4	(IBM name: SMF42LWM) Fast write bypasses per minute (an integer).
zLDate	DATE	3	(IBM name: N/A) Date of last update period.
zLTime	TIME	4	(IBM name: N/A) Time of last update period.

SMF042#02_Control_Unit_Cache.zCUPD.<fieldname>

zCCT	INT	4	(IBM name: SMF42CCT) I/O count for the subsystem.
zCFW	INT	4	(IBM name: SMF42CFW) Fast write bypass count.
zCRH	INT	4	(IBM name: SMF42CRH) Cache normal read hit percent, between 0 AND 100.
zCWM	INT	4	(IBM name: SMF42CWM) Fast write bypasses per minute (an integer).
zCDate	DATE	3	(IBM name: N/A) Date of current update period.
zCTime	TIME	4	(IBM name: N/A) Time of current update period.

SMF042#02_Control_Unit_Cache.<fieldname>

zIHR	INT	2	(IBM name: SMF42IHR) Average hit ratio, between 0 and 100.
zIFW	INT	2	(IBM name: SMF42IFW) Average fast-write bypasses per minute (an integer).

Secondary segment: SMF042#02_Volume_Status

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF042#02_Volume_Status.<fieldname>			
zVOL	CHAR	6	(IBM name: SMF42VOL) Volume serial number.
zDEV	HEX	4	(IBM name: SMF42DEV) Device number.

SMF042#02_Volume_Status.zDFL.<fieldname>			
zDEVCache	BINT (ENUM)	2	(IBM name: N/A) Device cache status. ACTIVE => Caching is activated. Unused => Unused. DEACTPDG => Deactivate pending by explicit host system request (Transfer of modified data to DASD has failed). DEACTNA => Caching deactivated is unavailable.
zDEVFastWr	BINT (ENUM)	2	Fast write status. ACTIVE => Fast write is activated. Unused => Unused. DEACTPDG => Fast-write deactivate pending (Transfer of data to DASD has failed). DEACT => Fast write deactivated.
zDEVDup	BINT (ENUM)	2	Duplex pair flags. PRI => Primary of duplex pair. SEC => Secondary of duplex pair.
zDEVDupS	BINT (ENUM)	2	Duplex pair status. ACTIVE => Duplex pair available. PENDING => Duplex pair is pending (copy to establish duplex pair is in progress or failed). FAILCMD => Failed duplex by command. FAILSYS => Failed duplex by subsystem.
zDEVPin	BINT (ENUM)	2	Pinned Data status. NOPIN => No pinned data exists for the device, and fast write was not suspended. PINFW => Pinned data exists for the device, but fast write was not suspended. PIN => Pinned data exists for the device, and fast write was suspended.
zDEVCon	BINT	6	Channel connect address for other device in duplex pair.

Record Type 42 Subtype 3 - SMS Configuration Changed

Primary Segment:

- SMF042#03_DFSMS

Secondary Segment(s): 2 (in alphabetical order)

- SMF042#03_Event_Audit
- SMF042#03_Product_Section

Primary segment: SMF042#03_DFSMS

Field Name	Type	Len	Description
<i>SMF042#03_DFSMS.<fieldname></i>			
SMF042#03_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#03_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zEAO	INT	4	(IBM name: SMF42EAO) Offset to event audit section from start of record, including record descriptor word (RDW).
zEAL	INT	2	(IBM name: SMF42EAL) Length of event audit section.
zEAN	INT	2	(IBM name: SMF42EAN) Number of event audit sections.

Secondary segment: SMF042#03_Product_Section

Field Name	Type	Len	Description
<i>SMF042#03_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF042#03_Event_Audit

Field Name	Type	Len	Description
<i>SMF042#03_Event_Audit.<fieldname></i>			
zEAC	CHAR	8	(IBM name: SMF42EAC) The action that caused the record to be created, ACTIVATE, ENF, or VARY SMS.
zERC	INT	4	(IBM name: SMF42ERC) Return code from resulting event.
zERS	INT	4	(IBM name: SMF42ERS) Reason code from resulting event.

SMF042#03_Event_Audit.zEENF.<fieldname>

zEUA	INT	4	(IBM name: SMF42EUA) UCB address for the device.
zEVO	CHAR	6	(IBM name: SMF42EVO) VOLSER for device is online.
zEOS	INT (ENUM)	1	(IBM name: SMF42EOS) Old MVS volume status.
zENS	INT (ENUM)	1	(IBM name: SMF42ENS) New MVS volume status.

SMF042#03_Event_Audit.zEVARY.<fieldname>

zETY	CHAR	8	(IBM name: SMF42ETY) Type of VARY or UPDATE request: STORGRP, LIBRARY, DRIVE or VOLUME.
zESL	INT	2	(IBM name: SMF42ESL) Name length.
zENM	CHAR	30	(IBM name: SMF42ENM) STORAGE name or LIBRARY name or DRIVE name.
zEVL	CHAR	6	(IBM name: SMF42EVL) Volume serial.
zESY	CHAR	8	(IBM name: SMF42ESY) System name (up to 8 SYSTEMS, separated by commas) or '(ALL)'.
zEST	CHAR	12	(IBM name: SMF42EST) Resulting status: ENABLE or ENABLE,NEW or QUIESCE or

			QUIESCE,NEW or DISABLE or DISABLE,NEW.
--	--	--	--

SMF042#03_Event_Audit.zEACT.<fieldname>			
zESD	CHAR	44	(IBM name: SMF42ESD) Source control data set name.
zEAD	CHAR	44	(IBM name: SMF42EAD) Active control data set name.

Record Type 42 Subtype 4 - System Data Mover Session Statistics

Primary Segment:

- SMF042#04_DFSMS

Secondary Segment(s): 8 (in alphabetical order)

- SMF042#04_Concurrent_Copy_Session
- SMF042#04_Concurrent_Copy_SSID_Header
- SMF042#04_Concurrent_Copy_Volume
- SMF042#04_Extended_Format_Data_Set
- SMF042#04_Product_Section
- SMF042#04_Virtual_Concurrent_Copy_Session
- SMF042#04_Virtual_Concurrent_Copy_SSID_Header
- SMF042#04_Virtual_Concurrent_Copy_Volume

Primary segment: SMF042#04_DFSMS

Field Name	Type	Len	Description
<i>SMF042#04_DFSMS.<fieldname></i>			
<i>SMF042#04_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

<i>SMF042#04_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zCCO	INT	4	(IBM name: SMF42CCO) Offset to CC statistics.
zCCL	INT	2	(IBM name: SMF42CCL) Length of CC statistics.
zCCN	INT	2	(IBM name: SMF42CCN) Number of CC sessions.
zEXO	INT	4	

			(IBM name: SMF42EXO) Offset to EXT statistics.
zEXL	INT	2	(IBM name: SMF42EXL) Length of EXT statistics.
zEXN	INT	2	(IBM name: SMF42EXN) Number of EXT data sets.
zVCO	INT	4	(IBM name: SMF42VCO) Offset to VCC statistics.
zVCL	INT	2	(IBM name: SMF42VCL) Length of VCC statistics.
zVCN	INT	2	(IBM name: SMF42VCN) Number of VCC sessions.

Secondary segment: **SMF042#04_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#04_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#04_Concurrent_Copy_Session**

Field Name	Type	Len	Description
<i>SMF042#04_Concurrent_Copy_Session.<fieldname></i>			
zID	INT	4	(IBM name: S42CCID) Logical session ID.
zRQS	CHAR	2	(IBM name: S42CCRQS) Request type: 'CC' = Concurrent Copy.
zTS	CHAR	1	(IBM name: S42CCTS) Termination status: 'N' = normal 'A' = abnormal.
zJNM	CHAR	8	(IBM name: S42CCJNM) Invoking jobname.
zJNO	CHAR	8	(IBM name: S42CCJNO) Invoking job number.
zSST	TSTMP	8	(IBM name: S42CCSST) Session start TOD.
zEIT	TSTMP	8	(IBM name: S42CCEIT) Initialization end TOD.
zSET	TSTMP	8	

			(IBM name: S42CCSET) Session end TOD.
zSSO	INT	4	(IBM name: S42CCSSO) Offset to first SSID (storage subsystem identifier) header.
zSSN	INT	2	(IBM name: S42CCSSN) Number of SSIDs for session.
zSSL	INT	2	(IBM name: S42CCSSL) Length of SSID header.

Secondary segment: SMF042#04_Concurrent_Copy_SSID_Header

Field Name	Type	Len	Description
<i>SMF042#04_Concurrent_Copy_SSID_Header.<fieldname></i>			
zNXT	INT	4	(IBM name: S42CSNXT) Offset to next SSID header (0 if last SSID).
zID	INT	2	(IBM name: S42CCID) SSID.
zIDP	INT	1	(IBM name: S42CSIDP) Controller session ID.
zMSF	INT	4	(IBM name: S42CSMSF) Maximum track threshold reached in storage control buffers.
zVLO	INT	4	(IBM name: SMF42VLO) Offset to first volume section for this SSID.
zVLN	INT	2	(IBM name: SMF42VLN) Number of volume sections.
zVLL	INT	2	(IBM name: SMF42VLL) Length of each volume section.

Secondary segment: SMF042#04_Concurrent_Copy_Volume

Field Name	Type	Len	Description
<i>SMF042#04_Concurrent_Copy_Volume.<fieldname></i>			
zLNX	INT	4	(IBM name: S42CVLNX) Offset to next volume (0 if last volume).
zLSR	CHAR	6	(IBM name: S42CVLSR) Volume serial number.
zLDV	HEX	1	(IBM name: S42CVLDV) Device type.
zLUA	CHAR	3	(IBM name: S42CVLUA) Unit address.
zLTK	INT	4	(IBM name: S42CVLTK) Number of tracks to be processed on the volume.
zLRD	INT	4	(IBM name: S42CVLRD) Number of tracks read directly from DASD.
zLRS	INT	4	(IBM name: S42CVLRS) Number of tracks read from the storage control buffers.
zLEP	INT	4	(IBM name: S42CVLEP) Number of concurrent copy I/Os for the volume for the session.

Secondary segment: SMF042#04_Extended_Format_Data_Set

Field Name	Type	Len	Description
<i>SMF042#04_Extended_Format_Data_Set.<fieldname></i>			
zID	INT	4	(IBM name: S42CCID) Logical ID.
zRQS	CHAR	3	(IBM name: S42CCRQS) Request type: 'EXT' = Extended format data set.
zJNM	CHAR	8	(IBM name: S42CCJNM) Invoking jobname.
zJNO	CHAR	8	(IBM name: S42CCJNO) Invoking job number.
zSTM	TSTMP	8	(IBM name: S42EXSTM) Start TOD.
zETM	TSTMP	8	(IBM name: S42EXETM) End TOD.
zTS	CHAR	1	(IBM name: S42CCTS) Termination status: 'N' = normal 'A' = abnormal
zLRT	INT	8	(IBM name: S42EVLRT) Number of tracks read.
zLWT	INT	8	(IBM name: S42EVLWT) Number of tracks written.

Secondary segment: SMF042#04_Virtual_Concurrent_Copy_Session

Field Name	Type	Len	Description
<i>SMF042#04_Virtual_Concurrent_Copy_Session.<fieldname></i>			
zID	INT	4	(IBM name: S42CCID) VCC Logical session ID.
zRQS	CHAR	3	(IBM name: S42CCRQS) Request type: 'VCC' = Virtual Concurrent Copy.
zTS	CHAR	1	(IBM name: S42CCTS) Termination status: 'N' = normal 'A' = abnormal.
zJNM	CHAR	8	(IBM name: S42CCJNM) Invoking jobname.
zJNO	CHAR	8	(IBM name: S42CCJNO) Invoking job number.
zSST	TSTMP	8	(IBM name: S42CCSST) Session start TOD.
zEIT	TSTMP	8	(IBM name: S42CCEIT) Initialization end TOD.
zSET	TSTMP	8	(IBM name: S42CCSET) Session end TOD.
zCTK	INT	8	(IBM name: S42VCCTK) Total number of tracks processed using concurrent copy.
zVTK	INT	8	(IBM name: S42VCVTK) Total number of tracks processed using virtual concurrent copy.
zDSP	INT	8	(IBM name: S42VCDSP) Total number of tracks stored in dataspace.
zSSO	INT	4	(IBM name: S42CCSSO) Offset to first SSID (storage subsystem identifier) header.
zSSN	INT	2	(IBM name: S42CCSSN) Number of SSIDs for session.

zSSL	INT	2	(IBM name: S42CCSSL) Length of SSID header.
------	-----	---	--

Secondary segment: SMF042#04_Virtual_Concurrent_Copy_SSID_Header

Field Name	Type	Len	Description
<i>SMF042#04_Virtual_Concurrent_Copy_SSID_Header.<fieldname></i>			
zNXT	INT	4	(IBM name: S42CSNXT) Offset to next SSID header (0 if last SSID).
zID	INT	2	(IBM name: S42CCID) SSID.
zIDP	INT	1	(IBM name: S42CSIDP) Controller session ID.
zMSF	INT	4	(IBM name: S42CSMSF) Maximum track threshold reached in storage control buffers.
zVLO	INT	4	(IBM name: SMF42VLO) Offset to first volume section for this SSID.
zVLN	INT	2	(IBM name: SMF42VLN) Number of volume sections.
zVLL	INT	2	(IBM name: SMF42VLL) Length of each volume section.

Secondary segment: SMF042#04_Virtual_Concurrent_Copy_Volume

Field Name	Type	Len	Description
<i>SMF042#04_Virtual_Concurrent_Copy_Volume.<fieldname></i>			
zLNX	INT	4	(IBM name: S42CVLNX) Offset to next volume (0 if last volume).
zLSR	CHAR	6	(IBM name: S42CVLSR) Volume serial number.
zLDV	HEX	1	(IBM name: S42CVLDV) Device type.
zLUA	CHAR	3	(IBM name: S42CVLUA) Unit address.
zLTK	INT	4	(IBM name: S42CVLTK) Number of tracks to be processed on the volume.
zLRD	INT	4	(IBM name: S42CVLRD) Number of tracks read directly from DASD.
zLRS	INT	4	(IBM name: S42CVLRS) Number of tracks read from the storage control buffers.
zLEP	INT	4	(IBM name: S42CVLEP) Number of concurrent copy I/Os for the volume for the session.

Record Type 42 Subtype 5 - Storage Class VTOC and VVDS I/O Statistics

Primary Segment:

- SMF042#05_DFSMS

Secondary Segment(s): 13 (in alphabetical order)

- SMF042#05_Product_Section
- SMF042#05_Storage_Class_Response_Time
- SMF042#05_Sync_IO
- SMF042#05_System_IO
- SMF042#05_System_IO_High_Response
- SMF042#05_System_IO_Stats
- SMF042#05_Volume_Background
- SMF042#05_Volume_Cloud
- SMF042#05_Volume_Header
- SMF042#05_Volume_Header_VTOC_Data_IO
- SMF042#05_Volume_Header_VTOC_Index_IO
- SMF042#05_Volume_Header_VVDS_IO
- SMF042#05_Volume_Metrics

Primary segment: SMF042#05_DFSMS

Field Name	Type	Len	Description
SMF042#05_DFSMS.<fieldname>			
SMF042#05_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#05_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zSRO	INT	4	(IBM name: SMF42SRO) Offset to storage class response time section from start of record, including record descriptor word (RDW).
zSRL	INT	2	

			(IBM name: SMF42SRL) Length of storage class response time section.
zSRN	INT	2	(IBM name: SMF42SRN) Number of storage class response time sections.
zVHO	INT	4	(IBM name: SMF42VHO) Offset to volume header section from start of record, including read descriptor word (RDW).
zVHL	INT	2	(IBM name: SMF42VHL) Length of volume header section.
zVHN	INT	2	(IBM name: SMF42VHN) Number of volume header sections.

Secondary segment: **SMF042#05_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#05_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#05_Storage_Class_Response_Time**

Field Name	Type	Len	Description
<i>SMF042#05_Storage_Class_Response_Time.<fieldname></i>			
zRNN	CHARVARYING	32	(IBM name: S42SCRNN) Storage class name.
zIOR	TIME	4	(IBM name: S42SCIOR) Response time.
zIOC	TIME	4	(IBM name: S42SCIOC) Average I/O connect time.
zIOP	TIME	4	(IBM name: S42SCIOP) Average I/O pending time.
zIOD	TIME	4	(IBM name: S42SCIOD) Average I/O disconnect time.
zIOQ	TIME	4	(IBM name: S42SCIOQ) Average control unit queue time.
zION	INT	4	(IBM name: S42SCION) Total number of I/Os.
zCND	INT	4	(IBM name: S42SCCND) Number of cache candidates.

zHIT	INT	4	(IBM name: S42SCHIT) Number of cache hits.
zWCN	INT	4	(IBM name: S42SCWCN) Number of write candidates.
zWHI	INT	4	(IBM name: S42SCWHI) Number of write hits.
zSEQ	INT	4	(IBM name: S42SCSEQ) Number of sequential I/O operations.
zRLC	INT	4	(IBM name: S42SCRRLC) Number of record level cache I/O operations.
zICL	INT	4	(IBM name: S42SCICL) Number of inhibit cache load I/O operations.
zDA0	TIME	4	(IBM name: S42SCDA0) Average I/O device-active-only time.
zRDD	TIME	4	(IBM name: S42SCRDD) Average disconnect time for reads.
zRDT	INT	4	(IBM name: S42SCRDT) Total number of read operations.
zHRD	INT	4	(IBM name: S42SCHRD) Number of zHPF read operations, but does not include synchronous I/O operations.
zHWR	INT	4	(IBM name: S42SCHWR) Number of zHPF write operations, but does not include synchronous I/O operations.
zR1U	TIME	4	(IBM name: S42SCR1U) Response time in microseconds.
zC1U	TIME	4	(IBM name: S42SCC1U) Average I/O connect time in microseconds.
zP1U	TIME	4	(IBM name: S42SCP1U) Average I/O pending time in microseconds.
zD1U	TIME	4	(IBM name: S42SCD1U) Average I/O disconnect time in microseconds.
zQ1U	TIME	4	(IBM name: S42SCQ1U) Average control unit queue time in microseconds.
zA1U	TIME	4	(IBM name: S42SCA1U) Average I/O device-active-only time in microseconds.
zT1U	TIME	4	(IBM name: S42SCT1U) Average disconnect time for reads in microseconds.
zB1U	TIME	4	(IBM name: S42SCB1U) Average device busy time in microseconds.
zM1U	TIME	4	(IBM name: S42SCM1U) Average initial command response time in microseconds.
zSNO	INT	4	(IBM name: S42SCSNO) Offset to synchronous I/O section.
zSNL	INT	2	(IBM name: S42SCSNL) Length of synchronous I/O section.
zRRU	TIME	4	(IBM name: S42SCB1U) Average random read cache hit response time in microseconds.
zRSU	TIME	4	(IBM name: S42SCM1U) Average random read cache hit service time in microseconds.

Secondary segment: **SMF042#05_Volume_Header**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF042#05_Volume_Header.<fieldname>			
zNXT	INT	4	(IBM name: S42VTNXT) Offset to next volume header section from start of record, including record descriptor word (RDW).
zSER	CHAR	6	(IBM name: S42VTSER) Volume serial identification.
zADR	HEX	2	(IBM name: S42VTADR) Binary device number.

SMF042#05_Volume_Header.zFL1.<fieldname>			
zONL	BIT	1	Device is online.
zSMS	BIT	1	Device is SMS managed.

SMF042#05_Volume_Header.<fieldname>			
zUNC	INT	4	(IBM name: S42VTUNC) Count of I/O to this volume that is not included in SMF type 42 subtype 5 or 6 records. With APAR OA55709 applied, this count is zero.
zVDO	INT	4	(IBM name: S42VTVDO) Offset to VTOC Data component section.
zVDL	INT	2	(IBM name: S42VTVDL) Length of VTOC Data component section.
zVXO	INT	4	(IBM name: S42VTVXO) Offset to VTOC Index component section.
zVXL	INT	2	(IBM name: S42VTVXL) Length of VTOC Index component section.
zVVO	INT	4	(IBM name: S42VTVVO) Offset to VVDS component section.
zVVL	INT	2	(IBM name: S42VTVVL) Length of VVDS component section. 42 2E * 2 EBCDIC Reserved.
zMCO	INT	4	(IBM name: N/A) Offset to Volume Metrics section. This field is zero when there are no SSCH instructions for this volume.
zMCL	INT	2	(IBM name: N/A) Length of Volume Metrics section. This field is zero when there are no SSCH instructions for this volume.
zMCN	INT	2	(IBM name: N/A) Number of Volume Metrics sections. This field is zero when there are no SSCH instructions for this volume.
zSYO	INT	4	(IBM name: N/A) Offset to System I/O section. This field is zero when there is no system I/O to this volume.
zSYL	INT	2	(IBM name: N/A) Length of System I/O section. This field is zero when there is no system I/O to this volume.
zSYN	INT	2	(IBM name: N/A) Number of System I/O sections. This field is zero when there is no system I/O to this volume.
zBGO	INT	4	(IBM name: N/A) Offset to Vol Background Activity section. This field is zero when there is no background activity.
zBGL	INT	2	(IBM name: N/A) Length of Vol Background Activity section. This field is zero when there is no background activity.
zBGN	INT	2	(IBM name: N/A) Number of Vol Background Activity sections. This field is zero when there is no background activity.

Secondary segment: **SMF042#05_Volume_Header_VTOC_Data_IO**

Field Name	Type	Len	Description
<i>SMF042#05_Volume_Header_VTOC_Data_IO.<fieldname></i>			
zIOR	TIME	4	(IBM name: S42VDIOR) Response time.
zIOC	TIME	4	(IBM name: S42VDIOC) Average I/O connect time.
zIOP	TIME	4	(IBM name: S42VDIOP) Average I/O pending time.
zIOD	TIME	4	(IBM name: S42VDIOD) Average I/O disconnect time
zIOQ	TIME	4	(IBM name: S42VDIOQ) Average control unit queue time.
zION	INT	4	(IBM name: S42VDION) Total number of I/Os.
zCND	INT	4	(IBM name: S42VDCND) Number of cache candidates.
zHIT	INT	4	(IBM name: S42VDHIT) Number of cache hits.
zWCN	INT	4	(IBM name: S42VDWCN) Number of write candidates.
zWHI	INT	4	(IBM name: S42VDWHI) Number of write hits.
zSEQ	INT	4	(IBM name: S42VDSEQ) Number of sequential I/O operations.
zRLC	INT	4	(IBM name: S42VDRLC) Number of record level cache I/O operations.
zICL	INT	4	(IBM name: S42VDICL) Number of inhibit cache load I/O operations.
zDA0	TIME	4	(IBM name: S42VDDA0) Average I/O device-active-only time.
zRDD	TIME	4	(IBM name: S42VDRDD) Average disconnect time for reads.
zRDT	INT	4	(IBM name: S42VDRDT) Total number of read operations.
zHRD	INT	4	(IBM name: S42VDHRD) Number of zHPF read operations.
zHWR	INT	4	(IBM name: S42VDHWR) Number of zHPF write operations
zR1U	TIME	4	(IBM name: S42VDR1U) Response time in microseconds.
zC1U	TIME	4	(IBM name: S42VDC1U) Average I/O connect time in microseconds.
zP1U	TIME	4	(IBM name: S42VDP1U) Average I/O pending time in microseconds.
zD1U	TIME	4	(IBM name: S42VDD1U) Average I/O disconnect time in microseconds.
zQ1U	TIME	4	(IBM name: S42VDQ1U) Average control unit queue time in microseconds.
zA1U	TIME	4	(IBM name: S42VDA1U) Average I/O device-active-only time in microseconds.
zT1U	TIME	4	(IBM name: S42VDT1U) Average disconnect time for reads in microseconds.
zB1U	TIME	4	(IBM name: S42VDB1U) Average device busy time in microseconds.

zM1U	TIME	4	(IBM name: S42VDM1U) Average initial command response time in microseconds.
------	------	---	--

Secondary segment: SMF042#05_Volume_Header_VTOC_Index_IO

Field Name	Type	Len	Description
<i>SMF042#05_Volume_Header_VTOC_Index_IO.<fieldname></i>			
zIOR	TIME	4	(IBM name: S42VXIOR) Response time.
zIOC	TIME	4	(IBM name: S42VXIOC) Average I/O connect time.
zIOP	TIME	4	(IBM name: S42VXIOP) Average I/O pending time.
zIOD	TIME	4	(IBM name: S42VXIOD) Average I/O disconnect time.
zIOQ	TIME	4	(IBM name: S42VXIOQ) Average control unit queue time.
zION	INT	4	(IBM name: S42VXION) Total number of I/Os. 3990 CONTROL Unit Cache Statistics:
zCND	INT	4	(IBM name: S42VXCND) Number of cache candidates.
zHIT	INT	4	(IBM name: S42VXHIT) Number of cache hits.
zWCN	INT	4	(IBM name: S42VXWCN) Number of write candidates.
zWHI	INT	4	(IBM name: S42VXWHI) Number of write hits.
zSEQ	INT	4	(IBM name: S42VXSEQ) Number of sequential I/O operations.
zRLC	INT	4	(IBM name: S42VXRLC) Number of record level cache I/O operations.
zICL	INT	4	(IBM name: S42VXICL) Number of inhibit cache load I/O operations.
zDA0	TIME	4	(IBM name: S42VXDA0) Average I/O device-active-only time.
zRDD	TIME	4	(IBM name: S42VXRDD) Average disconnect time for reads.
zRDT	INT	4	(IBM name: S42VXRDT) Total number of read operations.
zHRD	INT	4	(IBM name: S42VXHRD) Number of zHPF read operations.
zHWR	INT	4	(IBM name: S42VXHWR) Number of zHPF write operations.
zR1U	TIME	4	(IBM name: S42VXR1U) Response time in microseconds.
zC1U	TIME	4	(IBM name: S42VXC1U) Average I/O connect time in microseconds.
zP1U	TIME	4	(IBM name: S42VXP1U) Average I/O pending time in microseconds.
zD1U	TIME	4	(IBM name: S42VXD1U) Average I/O disconnect time in microseconds.
zQ1U	TIME	4	(IBM name: S42VXQ1U) Average control unit queue time in microseconds.

zA1U	TIME	4	(IBM name: S42VXA1U) Average I/O device-active-only time in microseconds.
zT1U	TIME	4	(IBM name: S42VXT1U) Average disconnect time for reads in microseconds.
zB1U	TIME	4	(IBM name: S42VXB1U) Average device busy time in microseconds.
zM1U	TIME	4	(IBM name: S42VXM1U) Average initial command response time in microseconds.

Secondary segment: SMF042#05_Volume_Header_VVDS_IO

Field Name	Type	Len	Description
<i>SMF042#05_Volume_Header_VVDS_IO.<fieldname></i>			
zIOR	TIME	4	(IBM name: S42VVIOR) Response time.
zIOC	TIME	4	(IBM name: S42VVIOC) Average I/O connect time.
zIOP	TIME	4	(IBM name: S42VVIOP) Average I/O pending time.
zIOD	TIME	4	(IBM name: S42VVIOD) Average I/O disconnect time.
zIOQ	TIME	4	(IBM name: S42VVIOQ) Average control unit queue time.
zION	INT	4	(IBM name: S42VVION) Total number of I/Os 3990 CONTROL Unit Cache Statistics:
zCND	INT	4	(IBM name: S42VVCND) Number of cache candidates.
zHIT	INT	4	(IBM name: S42VVHIT) Number of cache hits.
zWCN	INT	4	(IBM name: S42VVWCN) Number of write candidates.
zWHI	INT	4	(IBM name: S42VVWHI) Number of write hits.
zSEQ	INT	4	(IBM name: S42VVSEQ) Number of sequential I/O operations.
zRLC	INT	4	(IBM name: S42VVRCL) Number of record level cache I/O operations.
zICL	INT	4	(IBM name: S42VVICL) Number of inhibit cache load I/O operations.
zDA0	TIME	4	(IBM name: S42VVDA0) Average I/O device-active-only time.
zRDD	TIME	4	(IBM name: S42VVRDD) Average disconnect time for reads.
zRDT	INT	4	(IBM name: S42VVRDT) Total number of read operations.
zHRD	INT	4	(IBM name: S42VVHRD) Number of zHPF read operations.
zHWR	INT	4	(IBM name: S42VVHWR) Number of zHPF write operations.
zR1U	TIME	4	(IBM name: S42VVR1U) Response time in microseconds.
zC1U	TIME	4	(IBM name: S42VVC1U) Average I/O connect time in microseconds.

zP1U	TIME	4	(IBM name: S42VVP1U) Average I/O pending time in microseconds.
zD1U	TIME	4	(IBM name: S42VVD1U) Average I/O disconnect time in microseconds.
zQ1U	TIME	4	(IBM name: S42VVQ1U) Average control unit queue time in microseconds.
zA1U	TIME	4	(IBM name: S42VVA1U) Average I/O device-active-only time in microseconds.
zT1U	TIME	4	(IBM name: S42VVT1U) Average disconnect time for reads in microseconds.
zB1U	TIME	4	(IBM name: S42VVB1U) Average device busy time in microseconds.
zM1U	TIME	4	(IBM name: S42VVM1U) Average initial command response time in microseconds.

Secondary segment: SMF042#05_Sync_IO

Field Name	Type	Len	Description
<i>SMF042#05_Sync_IO.<fieldname></i>			
zNERD	INT	4	(IBM name: S42SNERD) Number of read requests eligible for synchronous I/O but not attempted.
zNERH	INT	4	(IBM name: S42SNERH) Number of read hits eligible for synchronous I/O but not attempted.
zNEWR	INT	4	(IBM name: S42SNEWR) Number of write requests eligible for synchronous I/O but not attempted.
zNRDT	INT	4	(IBM name: S42SNRDT) Number of synchronous I/O read attempts.
zNROS	INT	4	(IBM name: S42SNROS) Number of synchronous I/O read successes.
zNWTT	INT	4	(IBM name: S42SNWTT) Number of synchronous I/O write attempts.
zNWOS	INT	4	(IBM name: S42SNWOS) Number of synchronous I/O write successes.
zNSEQ	INT	4	(IBM name: S42SNSEQ) Number of synchronous I/O sequential operations.
zNCND	INT	4	(IBM name: S42SNCND) Number of synchronous I/O cache candidates.
zNHTS	INT	4	(IBM name: S42SNHTS) Number of synchronous I/O cache hits.
zNWCN	INT	4	(IBM name: S42SNWCN) Number of synchronous I/O write candidates.
zNWHI	INT	4	(IBM name: S42SNWHI) Number of synchronous I/O write hits.
zNRMS	INT	4	(IBM name: S42SNRMS) Number of synchronous I/O read misses.
zNWMS	INT	4	(IBM name: S42SNWMS) Number of synchronous I/O write misses.
zNMXR	TIME	4	(IBM name: S42SNMXR) Maximum response time, in microseconds, for synchronous I/O cache read operation. Note: Subtype 6 only.
zNMXW	TIME	4	(IBM name: S42SNMXW) Maximum response time, in microseconds, for synchronous I/O cache write operation. Note: Subtype 6 only.
zNRDU	TIME	4	

			(IBM name: S42SNRDU) Average response time, in microseconds, per synchronous I/O cache read operation.
zNWTU	TIME	4	(IBM name: S42SNWTU) Average response time, in microseconds, per synchronous I/O cache write operation.
zNCONC	INT	4	(IBM name: S42SNCONC) Number of concurrent synchronous I/O operations initiated to satisfy a read or write request (S42SNRDT and S42SNWTT).

Secondary segment: SMF042#05_Volume_Metrics

Field Name	Type	Len	Description
<i>SMF042#05_Volume_Metrics.<fieldname></i>			
zID1	TIME	4	(IBM name: N/A) Count of IIDTs between 0-10 microseconds.
zID2	TIME	4	(IBM name: N/A) Count of IIDTs between 10-100 microseconds.
zID3	TIME	4	(IBM name: N/A) Count of IIDTs between 100-1000 microseconds.
zID4	TIME	4	(IBM name: N/A) Count of IIDTs between 1-10 milliseconds.
zID5	TIME	4	(IBM name: N/A) Count of IIDTs between 10-100 milliseconds.
zID6	TIME	4	(IBM name: N/A) Count of IIDTs over 100 milliseconds.
zIDM	TIME	4	(IBM name: N/A) Maximum Interrupt Delay time.
zIDT	TSTMP	8	(IBM name: N/A) Date/time (in STCK format) of the maximum interrupt delay time (zIDM).
zIDA	TIME	4	(IBM name: N/A) Average Interrupt Delay time.
zBSY	INT	2	(IBM name: N/A) Total time device is long busy in seconds.
zRSP	INT	4	(IBM name: N/A) Count of commands to a HyperPAV alias device that could not start because the base device is reserved to another system.
zRSN	INT	4	(IBM name: N/A) Count of channel programs that include a device RESERVE command.
zRES	TIME	4	(IBM name: N/A) Sum of time device is reserved during the interval (in microseconds).
zREX	TIME	4	(IBM name: N/A) Longest continuous time device is reserved (in microseconds).
zRSR	TIME	4	(IBM name: N/A) Average response time for channel programs with device RESERVE command.

Secondary segment: SMF042#05_System_IO

Field Name	Type	Len	Description
<i>SMF042#05_System_IO.<fieldname></i>			
zYO1	INT	4	

			(IBM name: N/A) Offset to System I/O statistics section.
zYL1	INT	2	(IBM name: N/A) Length of System I/O statistics section.
zYN1	INT	2	(IBM name: N/A) Number of System I/O statistics sections.
zYO2	INT	4	(IBM name: N/A) Offset to System I/O High Response Time section.
zYL2	INT	2	(IBM name: N/A) Length of System I/O High Response Time section.
zYN2	INT	2	(IBM name: N/A) Number of System I/O High Response Time sections.

Secondary segment: SMF042#05_System_IO_Stats

Field Name	Type	Len	Description
<i>SMF042#05_System_IO_Stats.<fieldname></i>			
zION	INT	4	(IBM name: S42SCION) Count of system I/Os.
zIOR	TIME	4	(IBM name: S42SCIOR) Average I/O response time.
zIOC	TIME	4	(IBM name: S42SCIOC) Average I/O connect time.
zIOP	TIME	4	(IBM name: S42SCIOP) Average I/O pend time.
zIOD	TIME	4	(IBM name: S42SCIOD) Average I/O disconnect time.
zIOQ	TIME	4	(IBM name: S42SCIOQ) Average I/O control unit queue time.
zDAO	TIME	4	(IBM name: S42SCDAO) Average I/O device-active-only time.
zDBT	TIME	4	(IBM name: N/A) Average device busy time.
zICR	TIME	4	(IBM name: N/A) Average initial command response time.

Secondary segment: SMF042#05_System_IO_High_Response

Field Name	Type	Len	Description
<i>SMF042#05_System_IO_High_Response.<fieldname></i>			
zXNJ	INT	2	(IBM name: N/A) Number of jobs included with high response time.
<i>SMF042#05_System_IO_High_Response.zXAA.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: N/A) Invoking job name.
zXRT	TIME	4	(IBM name: N/A) Response time.
zXST	TIME	4	(IBM name: N/A) Service time.
zXID	TIME	4	

			(IBM name: N/A) I/O Interrupt Delay time.
zXDV	INT	1	(IBM name: N/A) I/O Driver ID.
zXOP	HEX	1	(IBM name: N/A) Operation code of first CCW in channel program.
zXTM	TSTMP	8	(IBM name: N/A) Date/time (in STCK format) when I/O completed.

Secondary segment: **SMF042#05_Volume_Background**

Field Name	Type	Len	Description
<i>SMF042#05_Volume_Background.<fieldname></i>			
zGO1	INT	4	(IBM name: N/A) Offset to Volume Cloud Activity section.
zGL1	INT	2	(IBM name: N/A) Length of Volume Cloud Activity section.
zGN1	INT	2	(IBM name: N/A) Number of Volume Cloud Activity sections.

Secondary segment: **SMF042#05_Volume_Cloud**

Field Name	Type	Len	Description
<i>SMF042#05_Volume_Cloud.<fieldname></i>			
zCRN	INT	4	(IBM name: N/A) Number of requests to retrieve cloud data.
zCWN	INT	4	(IBM name: N/A) Number of requests to store cloud data.
zCRT	INT	4	(IBM name: N/A) Number of tracks retrieved from the cloud.
zCWT	INT	4	(IBM name: N/A) Number of tracks stored to the cloud.
zCRE	TIME	4	(IBM name: N/A) Total elapsed time to retrieve cloud data in units of 1 millisecond.
zCWE	TIME	4	(IBM name: N/A) Total elapsed time to store cloud data in units of 1 millisecond.

Record Type 42 Subtype 6 - Data Set level I/O Statistics

Primary Segment:

- SMF042#06_DFSMS

Secondary Segment(s): 8 (in alphabetical order)

- SMF042#06_Data_Access_Method
- SMF042#06_Data_Set_Header
- SMF042#06_Data_Set_IO
- SMF042#06_Job_Header
- SMF042#06_Product_Section
- SMF042#06_Sync_IO
- SMF042#06_Sync_IO2
- SMF042#06_Sync_IO3

Primary segment: SMF042#06_DFSMS

Field Name	Type	Len	Description
<i>SMF042#06_DFSMS.<fieldname></i>			
<i>SMF042#06_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

<i>SMF042#06_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zJHO	INT	4	(IBM name: SMF42JHO) Offset to job header section from start of record, including record descriptor word (RDW).
zJHL	INT	2	(IBM name: SMF42JHL) Length of job header section.
zJHN	INT	2	(IBM name: SMF42JHN) Number of job header sections.

Secondary segment: **SMF042#06_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#06_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#06_Job_Header**

Field Name	Type	Len	Description
<i>SMF042#06_Job_Header.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: S42JDJNM) Job name.
zRST	TSTMP	8	(IBM name: S42JDRST) Time that reader recognized the JOB card for this job.
zUSERID	CHAR	8	(IBM name: S42JDUID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zDSO	INT	4	(IBM name: S42JDDSO) Offset to first data set header section.
zDSL	INT	2	(IBM name: S42JDDSL) Length of data set header section.
zCOD	INT	1	(IBM name: S42JDCOD) 0=Close, 1=Interval record.
zPGN	INT	2	(IBM name: S42JDPGN) Job performance group number.
zIOL	INT	2	(IBM name: S42JDIOL) Length of data set I/O statistics section.
zAML	INT	2	(IBM name: S42JDAML) Length of access method statistics section.
zGMO	TIME	4	(IBM name: S42JDGMO) Greenwich Mean Time (GMT) offset represented in 1.048576 seconds.
zWSC	CHAR	8	(IBM name: S42JDWSC) Workload Manager (WLM) Service Class Name.
zWLD	CHAR	8	(IBM name: S42JDWLD) Workload Manager (WLM) workload name.

Secondary segment: **SMF042#06_Data_Set_Header**

Field Name	Type	Len	Description
<i>SMF042#06_Data_Set_Header.<fieldname></i>			
zNXT	INT	4	(IBM name: S42DSNXT) Offset to the next data set header section (0 if the last data set).
zDSN	CHAR	44	(IBM name: S42DSN) Data set name.
zTYP	INT (ENUM)	1	(IBM name: S42DSTYP) Data set type. Other => Unknown data set type, PS => Physical Sequential, PO => Partitioned, PO-E => Partitioned Extended (PDSE), DA => DIRECT, IS => Indexed Sequential, EXCP => EXCP, PS-E => Physical Sequential Extended format, HFS => MVS Hierarchical File System, KSDS-D => KSDS data component, KSDS-I => KSDS index component, VRDS-D => Variable RRDS data component, VRDS-I => Variable RRDS index component, RRDS => Fixed length RRDS, LDS => Linear data set, ESDS => ESDS.

SMF042#06_Data_Set_Header.zCOD.<fieldname>

zFIRST	BIT	1	First data set entry since Open.
--------	-----	---	----------------------------------

SMF042#06_Data_Set_Header.zFL1.<fieldname>

zVSAMBuf	BINT (ENUM)	2	(IBM name: S42DSFL1) VSAM buffer flags.
zEXC	BIT	1	Open for EXCP processing.
zFXD	BIT	1	Non-VSAM fixed length records.
zPL	BIT	1	Program library.
zEF	BIT	1	Extended format.
zEFC	BIT	1	Extended Format Compressed.

SMF042#06_Data_Set_Header.<fieldname>

zIOO	INT	4	(IBM name: S42DSIOO) Offset to data set I/O statistics section.
zAMO	INT	4	(IBM name: S42DSAMO) Offset to access method statistics section.
zVOL	CHAR	6	(IBM name: S42DSVOL) Volume serial number.
zDEV	HEX	2	(IBM name: S42DSDEV) Device number.
zSC	CHAR	8	(IBM name: SMF42SC) Storage class name.
zBSZ	INT	4	(IBM name: S42DSBSZ) Block size. For concatenated data sets, this data is taken from the first data set.
zTRP	INT	2	(IBM name: S42DSTRP) Number of stripes
zENT	HEX	2	(IBM name: S42DSENT) Encryption type Value Meaning 0100x AES-256
zCMT	INT (ENUM)	1	(IBM name: S42DSCMT) Data Set Compression type.
zSNO	INT	4	(IBM name: S42DSSNO) Offset to Sync_io section.
zSNL	INT	2	(IBM name: S42DSSNL) Length of Sync_io section.
zDSS2O	INT	4	(IBM name: S42DSS2O) Offset to synchronous I/O section 2.

zDSS2L	INT	2	(IBM name: S42DSS2L) Length of synchronous I/O section 2
SMF042#06_Data_Set_Header.zDS2FL.<fieldname>			
zDS2DL	BIT	1	Media Manager dual logging is installed on this system and the newly defined dual logging sync_io SMF fields are valid if S42DSS2O is not 0.
SMF042#06_Data_Set_Header.<fieldname>			
zDSS3O	INT	4	(IBM name: S42DSS3O) Offset to synchronous I/O section 3.
zDSS3L	INT	2	(IBM name: S42DSS3L) Length of synchronous I/O section 3

Secondary segment: SMF042#06_Data_Set_IO

Field Name	Type	Len	Description
SMF042#06_Data_Set_IO.<fieldname>			
zIOR	TIME	4	(IBM name: S42DSIOR) Average response time.
zIOC	TIME	4	(IBM name: S42DSIOC) Average I/O connect time. There is one SMF SubType 6 RECORD per data set, and each record has its own zIOC field.
zIOP	TIME	4	(IBM name: S42DSIOP) Average I/O pending time.
zIOD	TIME	4	(IBM name: S42DSIOD) Average I/O disconnect time.
zIOQ	TIME	4	(IBM name: S42DSIOQ) Average control unit queue time.
zION	INT	4	(IBM name: S42DSION) Total number of I/Os. There is one SMF SubType 6 RECORD per data set, and each record has its own zION field.
zCND	INT	4	(IBM name: S42DSCND) Number of cache candidates.
zSHTS	INT	4	(IBM name: S42DSSHTS) Number of cache hits.
zWCN	INT	4	(IBM name: S42DSWCN) Number of write candidates.
zWHI	INT	4	(IBM name: S42DSWHI) Number of write hits.
zSEQ	INT	4	(IBM name: S42DSSEQ) Number of sequential I/O operations. Operations counted here are not accumulated in zCND and zWCN.
zRLC	INT	4	(IBM name: S42DSRLC) Number of record level cache I/O operations.
zICL	INT	4	(IBM name: S42DSICL) Number of inhibit cache load I/O operations.
zDA0	TIME	4	(IBM name: S42DSDA0) Average I/O device-active-only time.
zMXR	TIME	4	(IBM name: S42DSMXR) Maximum data set I/O response time.
zMXS	TIME	4	(IBM name: S42DSMXS) Maximum data set service time.
zRDD	TIME	4	(IBM name: S42DSRDD) Average disconnect time for reads.

zRDT	INT	4	(IBM name: S42DSRDT) Total number of read operations.
zHRD	INT	4	(IBM name: S42DSHRD) Number of zHPF read operations.
zHWR	INT	4	(IBM name: S42DSHWR) Number of zHPF write operations.
zR1U	TIME	4	(IBM name: S42DSR1U) Average response time in microseconds.
zC1U	TIME	4	(IBM name: S42DSC1U) Average I/O connect time in microseconds. There is one SMF SubType 6 REC0RD per data set, and each record has its own zIOC field.
zP1U	TIME	4	(IBM name: S42DSP1U) Average I/O pending time in microseconds.
zD1U	TIME	4	(IBM name: S42DSD1U) Average I/O disconnect time in microseconds.
zQ1U	TIME	4	(IBM name: S42DSQ1U) Average control unit queue time in microseconds.
zA1U	TIME	4	(IBM name: S42DSA1U) Average I/O device-active-only time in microseconds.
zT1U	TIME	4	(IBM name: S42DST1U) Average disconnect time for reads in microseconds.
zB1U	TIME	4	(IBM name: S42DSB1U) Average device busy time in microseconds.
zM1U	TIME	4	(IBM name: S42DSM1U) Average initial command response time in microseconds.
zIOS	INT	4	(IBM name: S42DSIOS) Total number of zHyperWrite requests issued to a Metro Mirror secondary device. Note: I/O operations to the Metro Mirror secondary volume are included in the Data Set I/O reporting fields.
zRRU	TIME	4	(IBM name: S42DSRRU) Average random read cache hit reponse time.
zRSU	TIME	4	(IBM name: S42DSRSU) Average random read cache hit service time.
zMXI	INT	2	(IBM name: S42DSMXI) Storage Subsystem ID of device associated with max response time zMXR.

Secondary segment: **SMF042#06_Data_Access_Method**

Field Name	Type	Len	Description
<i>SMF042#06_Data_Access_Method.<fieldname></i>			
zSRB	INT	4	(IBM name: S42AMSRB) Sequential read: number of blocks
zSRR	TIME	4	(IBM name: S42AMSRR) Sequential read: I/O delay
zSWB	INT	4	(IBM name: S42AMSWB) Sequential write: number of blocks
zSWR	TIME	4	(IBM name: S42AMSWR) Sequential write: I/O delay
zDRB	INT	4	(IBM name: S42AMDRB) Direct read: number of blocks
zDRR	TIME	4	(IBM name: S42AMDRR) Direct read: total I/O delay
zDWB	INT	4	(IBM name: S42AMDWB) Direct write: number of blocks

zDWR	TIME	4	(IBM name: S42AMDWR) Direct write: total I/O delay
zZRB	INT	4	(IBM name: S42AMZRB) Number of directory reads
zZRR	TIME	4	(IBM name: S42AMZRR) Directory read: I/O delay
zZWB	INT	4	(IBM name: S42AMZWB) Number of directory writes
zZWR	TIME	4	(IBM name: S42AMZWR) Directory write: I/O delay.
zRIB	INT	8	(IBM name: S42AMRIB) Number of bytes read.
zWIB	INT	8	(IBM name: S42AMWIB) Number of bytes written.
zRBD	INT	8	(IBM name: S42AMRBD) For encrypted data sets, number of bytes decrypted when reading. For non-encrypted data sets, number of bytes that would be eligible for decryption when reading if the data set was allocated as encrypted.
zWBE	INT	8	(IBM name: S42AMWBE) For encrypted data sets, number of bytes encrypted when writing. For non-encrypted data sets, number of bytes that would be eligible for encryption when writing if the data set was allocated as encrypted.
zRCI	INT	4	(IBM name: S42AMRCI) Number of VSAM CIs read. For non-VSAM, this is the number of physical blocks.
zWCI	INT	4	(IBM name: S42AMWCI) Number of VSAM CIs written. For non-VSAM, this is the number of physical blocks.

Secondary segment: SMF042#06_Sync_IO

Field Name	Type	Len	Description
<i>SMF042#06_Sync_IO.<fieldname></i>			
zNERD	INT	4	(IBM name: S42SNERD) Number of read requests eligible for synchronous I/O but not attempted.
zNERH	INT	4	(IBM name: S42SNERH) Number of read hits eligible for synchronous I/O but not attempted.
zNEWR	INT	4	(IBM name: S42SNEWR) Number of write requests eligible for synchronous I/O but not attempted.
zNRDT	INT	4	(IBM name: S42SNRDT) Number of synchronous I/O read attempts.
zNROS	INT	4	(IBM name: S42SNROS) Number of synchronous I/O read successes.
zNWTT	INT	4	(IBM name: S42SNWTT) Number of synchronous I/O write attempts.
zNWOS	INT	4	(IBM name: S42SNWOS) Number of synchronous I/O write successes.
zNSEQ	INT	4	(IBM name: S42SNSEQ) Number of synchronous I/O sequential operations.
zNCND	INT	4	(IBM name: S42SNCND) Number of synchronous I/O cache candidates.
zNHTS	INT	4	(IBM name: S42SNHTS) Number of synchronous I/O cache hits.
zNWCN	INT	4	(IBM name: S42SNWCN) Number of synchronous I/O write candidates.

zNWHI	INT	4	(IBM name: S42SNWHI) Number of synchronous I/O write hits.
zNRMS	INT	4	(IBM name: S42SNRMS) Number of synchronous I/O read misses.
zNWMS	INT	4	(IBM name: S42SNWMS) Number of synchronous I/O write misses.
zNMXR	TIME	4	(IBM name: S42SNMXR) Maximum response time, in microseconds, for synchronous I/O cache read operation. Note: Subtype 6 only.
zNMXW	TIME	4	(IBM name: S42SNMXW) Maximum response time, in microseconds, for synchronous I/O cache write operation. Note: Subtype 6 only.
zNRDU	TIME	4	(IBM name: S42SNRDU) Average response time, in microseconds, per synchronous I/O cache read operation.
zNWTU	TIME	4	(IBM name: S42SNWTU) Average response time, in microseconds, per synchronous I/O cache write operation.
zNCONC	INT	4	(IBM name: S42SNCONC) Number of concurrent synchronous I/O operations initiated to satisfy a read or write request (S42SNRDT and S42SNWTT).

Secondary segment: **SMF042#06_Sync_IO2**

Field Name	Type	Len	Description
<i>SMF042#06_Sync_IO2.<fieldname></i>			
zSNTWR	INT	4	(IBM name: S42SNTWR) Number of SyncIO write requests
zSNTWO	INT	4	(IBM name: S42SNTWO) Number of SyncIO write requests that were completed synchronously
zSNTWS	INT	4	(IBM name: S42SNTWS) Number of SyncIO write requests that were skipped for zHyperLink due to a previous asynchronous write
zSNTWB	INT	4	(IBM name: S42SNTWB) Number of SyncIO write requests that went asynchronous due to a busy link condition
zSNTWM	INT	4	(IBM name: S42SNTWM) Number of SyncIO write requests that went asynchronous due to a cache miss
zSNTWP	INT	4	(IBM name: S42SNTWP) Number of SyncIO write requests that went asynchronous due to an operation delay
zSNTWE	INT	4	(IBM name: S42SNTWE) Number of SyncIO write requests that went asynchronous due to not having a complete write token set
zSNTWI	INT	4	(IBM name: S42SNTWI) Number of SyncIO write requests that went asynchronous due to an invalid write token
zSNTWC	INT	4	(IBM name: S42SNTWC) Number of SyncIO write requests that went asynchronous due to inconsistent writes
zSNTWD	INT	4	(IBM name: S42SNTWD) Number of SyncIO write requests that went asynchronous due to zHyperLink writes being disabled on a device
zSNTWA	INT	4	(IBM name: S42SNTWA) Number of read requests to a data set open for SyncIO writes
zSNTWK	INT	4	

			(IBM name: S42SNTWK) Number of SyncIO write requests where zHyperLink could not be performed.
zSNTWV	INT	4	(IBM name: S42SNTWV) Number of SyncIO write requests where a device was reserved to another system.
zSNTWL	INT	4	(IBM name: S42SNTWL) Number of SyncIO write requests where zHyperLink write was disabled due to not being opened for SyncIO writes
zSNTWT	INT	4	(IBM name: S42SNTWT) Number of SyncIO write requests where zHyperLink write was disabled due to the data set being extended after Open
zSNTWN	INT	4	(IBM name: S42SNTWN) Number of SyncIO write requests where zHyperLink write was disabled due to the data set being ineligible for SyncIO writes, such as a multivolume data set, or CI size not 4K
zSNTWG	INT	4	(IBM name: S42SNTWG) Number of SyncIO write requests where zHyperLink write was disabled due to storage class or operator setting
zSNTWY	INT	4	(IBM name: S42SNTWY) Number of SyncIO write requests where zHyperLink writes were disabled due to a token array error.
zSNTWU	INT	4	(IBM name: S42SNTWU) Number of SyncIO write requests where zHyperLink writes were disabled due to an unsupported copy relationship.
zSNTWF	INT	4	(IBM name: S42SNTWF) Number of SyncIO write requests where zHyperLink writes were disabled due to buffers not being on a page boundary.
zSNTWQ	INT	4	(IBM name: S42SNTWQ) Number of SyncIO write requests where zHyperLink writes were disabled due to invalid zHyperLink write requests.
zSNTWZ	INT	4	(IBM name: S42SNTWZ) Number of SyncIO write requests where zHyperLink writes were disabled due to zHPF being disabled.
zSNTWW	INT	4	(IBM name: S42SNTWW) Number of SyncIO write requests where zHyperLink writes were disabled due to an internal error.
zSNTWX	INT	4	(IBM name: S42SNTWX) Number of SyncIO write requests where zHyperLink writes were disabled due to miscellaneous reasons
zSNTWH	INT	4	(IBM name: S42SNTWH) Number of SyncIO write requests where zHyperLink writes were disabled due to the other data set in a dual logging request being disabled for zHyperLink writes. Valid when S42DS2DL is ON.
zSNTDR	INT	4	(IBM name: S42SNTDR) Number of SyncIO write requests where dual logging was specified. Valid when S42DS2DL is ON.
zSNTDX	INT	4	(IBM name: S42SNTDX) Number of dual logging SyncIO write requests in which all IO to this data set was completed synchronously, but the IO to the other data set was completed asynchronously, resulting in the entire request being completed asynchronously. Valid when S42DS2DL is ON.

Secondary segment: **SMF042#06_Sync_IO3**

Field Name	Type	Len	Description
SMF042#06_Sync_IO3.<fieldname>			
zSNDWH	INT	2	(IBM name: S42SNDWH) Storage subsystem ID for this device.

zSNDWJ	INT	1	(IBM name: S42SNDWJ) Subchannel Set ID for this device.
zSNDWN	INT	2	(IBM name: S42SNDWN) Device Number for this device.
zSNDWT	INT	4	(IBM name: S42SNDWT) Number of SyncIO writes for this device (attempts and skips).
zSNDWO	INT	4	(IBM name: S42SNDWO) Number of SyncIO writes for this device that were successful.
zSNDWS	INT	4	(IBM name: S42SNDWS) Number of SyncIO writes for this device that went asynchronous due to a previous asynchronous write.
zSNDWB	INT	4	(IBM name: S42SNDWB) Number of SyncIO writes for this device that went asynchronous due to a busy link condition.
zSNDWM	INT	4	(IBM name: S42SNDWM) Number of SyncIO writes for this device that went asynchronous due to a cache miss.
zSNDWP	INT	4	(IBM name: S42SNDWP) Number of SyncIO writes for this device that went asynchronous due to an operation delay.
zSNDWE	INT	4	(IBM name: S42SNDWE) Number of SyncIO writes for this device that went asynchronous due to not having a write token.
zSNDWI	INT	4	(IBM name: S42SNDWI) Number of SyncIO writes for this device that went asynchronous due to an invalid write token.
zSNDWC	INT	4	(IBM name: S42SNDWC) Number of SyncIO writes for this device that went asynchronous due to an inconsisten write pattern.
zSNDWD	INT	4	(IBM name: S42SNDWD) Number of SyncIO writes for this device that went asynchronous due to zHyperLink writes being disabled on this device.
zSNDWU	INT	4	(IBM name: S42SNDWU) Number of SyncIO writes for this device that went asynchronous due to an unsupported copy relationship.
zSNDWK	INT	4	(IBM name: S42SNDWK) Number of SyncIO writes for this device that went asynchronous because zHyperLink could not be performed.
zSNDWV	INT	4	(IBM name: S42SNDWV) Number of SyncIO writes for this device that went asynchronous because this device was reserved to another system.
zSNDWX	INT	4	(IBM name: S42SNDWX) Number of SyncIO writes for this device that went asynchronous due to miscellaneous reasons.

Record Type 42 Subtype 7 - NFS File Timeout Statistics

Primary Segment:

- SMF042#07_DFSMS

Secondary Segment(s): 5 (in alphabetical order)

- SMF042#07_NFS_File_Timeout
- SMF042#07_NFS_File_Timeout_Client_Id
- SMF042#07_NFS_File_Timeout_Client_Id_IPv4
- SMF042#07_NFS_File_Timeout_Client_Id_IPv6
- SMF042#07_Product_Section

Primary segment: SMF042#07_DFSMS

Field Name	Type	Len	Description
SMF042#07_DFSMS.<fieldname>			
SMF042#07_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#07_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zNFO	INT	4	(IBM name: SMF42NFO) Offset to NFSS file timeout stats section.
zNFL	INT	2	(IBM name: SMF42NFL) Length of NFSS file timeout stats section.
zNFN	INT	2	(IBM name: SMF42NFN) Number of NFSS file timeout stats section.

Secondary segment: **SMF042#07_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#07_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number. 0 => IPv4, 1 => IPv6.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#07_NFS_File_Timeout**

Field Name	Type	Len	Description
<i>SMF042#07_NFS_File_Timeout.<fieldname></i>			
zFFS	INT (ENUM)	1	(IBM name: N/A) File system type indicator.
zFTY	INT (ENUM)	1	(IBM name: SMF42FTY) File type as defined in NFS protocol.
zFTM	INT (ENUM)	1	(IBM name: SMF42FTM) MVS data set type. 'Unknown' => Unknown MVS file type, 'PS' => Sequential (BSAM) file, 'PO' => Partitioned (BPAM), 'DA' => Direct Access file, 'ISAM' => ISAM is not supported, 'Virt' => Virtual Sequential Access, 'ESDS' => VSAM Entry Sequenced, 'RRDS' => VSAM Relative Record, 'KSDS' => VSAM Keyed access, 'DummyIX' => Dummy index level file block, 'z/OS UNIX' => z/OS UNIX file type.
zFSN	INT	4	(IBM name: SMF42FSN) File Serial Number, z/OS UNIX INODE.
zFDN	INT	4	(IBM name: N/A) Unique device number z/OS UNIX FSYS.
zFIR	INT	4	(IBM name: N/A) Number of I/O blocks read.
zFIW	INT	4	(IBM name: N/A) Number of I/O blocks written.
zFBR	INT	8	(IBM name: SMF42FBR) Number of bytes read from file.
zFBW	INT	8	(IBM name: SMF42FBW) Number of bytes written to file.
zFNL	INT	4	(IBM name: N/A) Length of file name.
zFFN	XVCHAR	0 1023	(IBM name: N/A) File name.

Secondary segment: **SMF042#07_NFS_File_Timeout_Client_Id**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF042#07_NFS_File_Timeout_Client_Id.<fieldname>			
zFLO	INT	4	(IBM name: N/A) Offset to client identification section.
zFLL	INT	2	(IBM name: N/A) Length of client identification section.

Secondary segment: SMF042#07_NFS_File_Timeout_Client_Id_IPv4

Field Name	Type	Len	Description
SMF042#07_NFS_File_Timeout_Client_Id_IPv4.<fieldname>			
zCRI	CHAR	8	(IBM name: SMF42CRI) RACF user ID.
zCRG	CHAR	8	(IBM name: SMF42CRG) RACF group name.
zCAN	CHAR	8	(IBM name: SMF42CAN) Account Number.
zCUI	INT	4	(IBM name: SMF42CUI) User ID at client host (UNIX style).
zCGI	INT	4	(IBM name: SMF42CGI) Group ID at client host (UNIX style).
zCIP	IPADDRESS	4	(IBM name: SMF42CIP) IPv4 address of client host.
zCHL	INT	2	(IBM name: SMF42CHL) Length of client host name.
zCHN	XVCHAR	0 256	(IBM name: SMF42CHN) Client host name.

Secondary segment: SMF042#07_NFS_File_Timeout_Client_Id_IPv6

Field Name	Type	Len	Description
SMF042#07_NFS_File_Timeout_Client_Id_IPv6.<fieldname>			
zCRI	CHAR	8	(IBM name: SMF42CRI) RACF user ID.
zCRG	CHAR	8	(IBM name: SMF42CRG) RACF group name.
zCAN	CHAR	8	(IBM name: SMF42CAN) Account Number.
zCUI	INT	4	(IBM name: SMF42CUI) User ID at client host (UNIX style).
zCGI	INT	4	(IBM name: SMF42CGI) Group ID at client host (UNIX style).
zCIP	IPADDRESS	16	(IBM name: SMF42CIP) IPv6 address of client host.
zCHL	INT	2	(IBM name: SMF42CHL) Length of client host name.
zCHN	XVCHAR	0 256	(IBM name: SMF42CHN) Client host name.

Record Type 42 Subtype 8 - NFS User Logout Statistics

Primary Segment:

- SMF042#08_DFSMS

Secondary Segment(s): 5 (in alphabetical order)

- SMF042#08_NFS_User_Session
- SMF042#08_NFS_User_Session_Client_Id
- SMF042#08_NFS_User_Session_Client_Id_IPv4
- SMF042#08_NFS_User_Session_Client_Id_IPv6
- SMF042#08_Product_Section

Primary segment: SMF042#08_DFSMS

Field Name	Type	Len	Description
SMF042#08_DFSMS.<fieldname>			
SMF042#08_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: N/A) Record subtype description.

SMF042#08_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zNUO	INT	4	(IBM name: SMF42NUO) Offset to NFSS file user session stats section.
zNUL	INT	2	(IBM name: SMF42NUL) Length of NFSS file user session stats section.
zNUN	INT	2	(IBM name: SMF42NUN) Number of NFSS file user session stats section.

Secondary segment: SMF042#08_Product_Section

Field Name	Type	Len	Description
<i>SMF042#08_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number. 0 => IPv4, 1 => IPv6.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF042#08_NFS_User_Session

Field Name	Type	Len	Description
<i>SMF042#08_NFS_User_Session.<fieldname></i>			
zUST	TSTMP	8	(IBM name: SMF42UST) Session start time (in STCK format).
zUET	TSTMP	8	(IBM name: SMF42UET) Session end time (in STCK format).
zUEL	FIXED	4 (10,3)	(IBM name: SMF42UEL) Session elapsed time (seconds).
zUNR	INT	4	(IBM name: SMF42UNR) Number of RPC requests processed in this session.
zUTE	TIME	8	(IBM name: SMF42UTE) Total elapsed time of all RPC requests processes in this session.
zUAT	TIME	8	(IBM name: SMF42UAT) Total active time of all RPC requests processes in this session.
zURN	INT	8	(IBM name: SMF42URN) Number of bytes read in from the network in this session.
zUWN	INT	8	(IBM name: SMF42UWN) Number of bytes written out to the network in this session.
zURF	INT	8	(IBM name: SMF42URF) Number of bytes read from files on this session.
zUWF	INT	8	(IBM name: SMF42UWF) Number of bytes written to files in this session.

Secondary segment: SMF042#08_NFS_User_Session_Client_Id

Field Name	Type	Len	Description
<i>SMF042#08_NFS_User_Session_Client_Id.<fieldname></i>			
zUCO	INT	4	(IBM name: SMF42UCO) Offset to client identification section.
zUCL	INT	2	(IBM name: SMF42UCL) Length of client identification section.

Secondary segment: SMF042#08_NFS_User_Session_Client_Id_IPv4

Field Name	Type	Len	Description
<i>SMF042#08_NFS_User_Session_Client_Id_IPv4.<fieldname></i>			
zCRI	CHAR	8	(IBM name: SMF42CRI) RACF user ID.
zCRG	CHAR	8	(IBM name: SMF42CRG) RACF group name.
zCAN	CHAR	8	(IBM name: SMF42CAN) Account Number.
zCUI	INT	4	(IBM name: SMF42CUI) User ID at client host (UNIX style).
zCGI	INT	4	(IBM name: SMF42CGI) Group ID at client host (UNIX style).
zCIP	IPADDRESS	4	(IBM name: SMF42CIP) IPv4 address of client host.
zCHL	INT	2	(IBM name: SMF42CHL) Length of client host name.
zCHN	XVCHAR	0 256	(IBM name: SMF42CHN) Client host name.

Secondary segment: SMF042#08_NFS_User_Session_Client_Id_IPv6

Field Name	Type	Len	Description
<i>SMF042#08_NFS_User_Session_Client_Id_IPv6.<fieldname></i>			
zCRI	CHAR	8	(IBM name: SMF42CRI) RACF user ID.
zCRG	CHAR	8	(IBM name: SMF42CRG) RACF group name.
zCAN	CHAR	8	(IBM name: SMF42CAN) Account Number.
zCUI	INT	4	(IBM name: SMF42CUI) User ID at client host (UNIX style).
zCGI	INT	4	(IBM name: SMF42CGI) Group ID at client host (UNIX style).
zCIP	IPADDRESS	16	(IBM name: SMF42CIP) IPv6 address of client host.
zCHL	INT	2	(IBM name: SMF42CHL) Length of client host name.
zCHN	XVCHAR	0 256	(IBM name: SMF42CHN) Client host name.

Record Type 42 Subtype 9 - B37/D37/E37 Abend Information

Primary Segment:

- SMF042#09_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#09_B37_D37_E37_Abend_Data
- SMF042#09_Product_Section
- SMF042#09_SMS_Data

Primary segment: SMF042#09_DFSMS

Field Name	Type	Len	Description
SMF042#09_DFSMS.<fieldname>			
SMF042#09_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#09_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zABO	INT	4	(IBM name: SMF42ABO) Offset to X37 abend data section.
zABL	INT	2	(IBM name: SMF42ABL) Length of X37 abend data section.
zABN	INT	2	(IBM name: SMF42ABN) Number of X37 abend sections (always 1).
zSMO	INT	4	(IBM name: SMF42SMO) Offset to SMS data section (0 if data set is not SMS managed).
zSML	INT	2	(IBM name: SMF42SML) Length of SMS data section (0 if data set is not SMS managed).
zSMN	INT	2	

			(IBM name: SMF42SMN) Number of SMS sections (always 1 IF data set is SMS managed. Otherwise, 0).
--	--	--	---

Secondary segment: **SMF042#09_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#09_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#09_B37_D37_E37_Abend_Data**

Field Name	Type	Len	Description
<i>SMF042#09_B37_D37_E37_Abend_Data.<fieldname></i>			
zASYID	CHAR	4	(IBM name: S42ASYID) System ID.
zJOBNAME	CHAR	8	(IBM name: S42JOBN) Job Name.
zRDST	TSTMP	8	(IBM name: S42RDST) Reader start time.
zUSERID	CHAR	8	(IBM name: S42AAUID) User identification.
zASTPN	INT	1	(IBM name: S42ASTPN) Job step number.

<i>SMF042#09_B37_D37_E37_Abend_Data.zFLAGS.<fieldname></i>			
zB37	BIT	1	B37abend.
zD37	BIT	1	D37abend.
zE37	BIT	1	E37abend.

<i>SMF042#09_B37_D37_E37_Abend_Data.<fieldname></i>			
zDSORG	INT	2	(IBM name: S42DSORG) DSORG (data set organization).
zADISP	INT	1	(IBM name: S42ADISP) Disposition.
zDSNME	CHAR	44	(IBM name: S42DSNME) Data set name.
zVOLSR	CHAR	6	

			(IBM name: S42VOLSR) Volume serial number of current volume.
zUCBTP	INT	4	(IBM name: S42UCBTP) UCB type information.
zNEXT	INT	1	(IBM name: S42NEXT) Number of extends on the current volume for this data set.
zTNTRK	INT	4	(IBM name: S42TNTRK) Total number of tracks for data set on this volume.
zASSAT	INT	4	(IBM name: S42ASSAT) Secondary allocation amount from the JFCB.
zADRLH	INT	3	(IBM name: S42ADRLH) Average block length if specified.

Secondary segment: **SMF042#09_SMS_Data**

Field Name	Type	Len	Description
<i>SMF042#09_SMS_Data.<fieldname></i>			
zMCNME	CHAR	30	(IBM name: S42MCNME) Management class name.
zSCNME	CHAR	30	(IBM name: S42SCNME) Storage class name.
zDCNME	CHAR	30	(IBM name: S42DCNME) Data class name.

Record Type 42 Subtype 10 - Volume Selection Failure

Primary Segment:

- SMF042#10_DFSMS

Secondary Segment(s): 2 (in alphabetical order)

- SMF042#10_Product_Section
- SMF042#10_Volume_Selection_Failure

Primary segment: SMF042#10_DFSMS

Field Name	Type	Len	Description
<i>SMF042#10_DFSMS.<fieldname></i>			
SMF042#10_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: N/A) Record subtype description.
SMF042#10_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zVSF	INT	4	(IBM name: SMF42VSF) Offset to volume selection failure record.
zVSL	INT	4	(IBM name: SMF42VSL) Length of volume selection failure record.
zVSN	INT	2	(IBM name: SMF42VSN) Number of volume selection failure records.

Secondary segment: SMF042#10_Product_Section

Field Name	Type	Len	Description
<i>SMF042#10_Product_Section.<fieldname></i>			

zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#10_Volume_Selection_Failure**

Field Name	Type	Len	Description
<i>SMF042#10_Volume_Selection_Failure.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: SMF42JBN) Job name.
zPGN	CHAR	8	(IBM name: SMF42PGN) Program name.
zSTN	CHAR	8	(IBM name: SMF42STN) Step name
zDDN	CHAR	8	(IBM name: SMF42DDN) DD name.
zDSN	CHAR	44	(IBM name: SMF42DSN) Data set name.
zRSP	INT	4	(IBM name: SMF42RSP) Requested space quantity.
zUNT	CHAR	2	(IBM name: SMF42UNT) Unit of space quantity.
zDCL	INT	2	(IBM name: SMF42DCL) Length of data class.
zDCN	CHAR	30	(IBM name: SMF42DCN) Data class name.
zMCL	INT	2	(IBM name: SMF42MCL) Length of management class.
zMCN	CHAR	30	(IBM name: SMF42MCN) Management class name.
zSLN	INT	2	(IBM name: SMF42SLN) Length of storage class.
zSNM	CHAR	30	(IBM name: SMF42SNM) Storage class name.
zSGL	INT	2	(IBM name: SMF42SGL) Length of storage group.
zSGN	CHAR	30	(IBM name: SMF42SGN) Storage group name.

Record Type 42 Subtype 11 - Extended Remote Copy Session Statistics

Primary Segment:

- SMF042#11_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#11_Product_Section
- SMF042#11_XRC_Session
- SMF042#11_XRC_SSID_Data

Primary segment: SMF042#11_DFSMS

Field Name	Type	Len	Description
SMF042#11_DFSMS.<fieldname>			
SMF042#11_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#11_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zXRO	INT	4	(IBM name: SMF42XRO) Offset to XRC service.
zXRL	INT	2	(IBM name: SMF42XRL) Length of XRC service.
zXRN	INT	2	(IBM name: SMF42XRN) Number of XRC sessions.

Secondary segment: SMF042#11_Product_Section

Field Name	Type	Len	Description
<i>SMF042#11_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF042#11_XRC_Session

Field Name	Type	Len	Description
<i>SMF042#11_XRC_Session.<fieldname></i>			
zID	CHAR	8	(IBM name: S42XRID) Logical session ID.
zTYP	CHAR	8	(IBM name: S42XRTP) Session type 'XRC' = Extended Remote Copy
zSSO	INT	4	(IBM name: S42XRSSO) Offset to first storage subsystem identifier (SSID) data section.
zSSN	INT	2	(IBM name: S42XRSSN) Number of SSIDs in the XRC session.
zSSL	INT	2	(IBM name: S42XRSSL) Length of SSID data section.

Secondary segment: SMF042#11_XRC_SSID_Data

Field Name	Type	Len	Description
<i>SMF042#11_XRC_SSID_Data.<fieldname></i>			
zSNX	INT	4	(IBM name: S42XRSNX) Offset to next SSID data section (0 if last SSID).
zSID	INT	2	(IBM name: SMF42SID) SSID.
zIDP	INT	1	(IBM name: S42XRIDP) Controller session ID.
zVSH	INT	4	(IBM name: S42XRVSH) Number of volumes being shadowed for this SSID that are still active in the XRC session at the end of the SMF interval.
zTPR	INT	4	(IBM name: S42XRTPR) Total number of primary data mover reads.
zNWD	INT	4	(IBM name: S42XRNWD) Number of data mover reads with data.

zNND	INT	4	(IBM name: S42XRNND) Number of data mover reads with no data.
zNLR	INT	4	(IBM name: S42XRNLR) Number of data mover reads left to be read.
zNFW	INT	4	(IBM name: S42XRNFW) Number of format writes.
zNUW	INT	4	(IBM name: S42XRNUW) Number of update writes.
zARS	INT	4	(IBM name: S42XRARS) Average record size.

Record Type 42 Subtype 14 - ADSM Session Resource Usage

Primary Segment:

- SMF042#14_DFSMS

Secondary Segment(s): 2 (in alphabetical order)

- SMF042#14_ADSM_Accounting
- SMF042#14_Product_Section

Primary segment: SMF042#14_DFSMS

Field Name	Type	Len	Description
<i>SMF042#14_DFSMS.<fieldname></i>			
SMF042#14_DFSMS.Header.<fieldname>			
zFLG	HEX	1	System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	Record type 42 (X'2A').
zTME	TSTMP	8	Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	System identification (from the SID parameter).
zSSI	CHAR	4	Subsystem identification.
zSTY	INT	2	Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#14_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	Length of product section.
zNPS	INT	2	Number of product sections.
zT1O	INT	4	Offset to ADSM section.
zT1L	INT	2	Length of ADSM section.
zT1N	INT	2	Number of ADSM sections, 1.

Secondary segment: SMF042#14_Product_Section

Field Name	Type	Len	Description
<i>SMF042#14_Product_Section.<fieldname></i>			
zPDL	CHAR	8	Product level.
zPDN	CHAR	10	Product name.
zPSV	INT	1	SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

zPTE	TSTMP	8	Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
------	-------	---	---

Secondary segment: **SMF042#14_ADSM_Accounting**

Field Name	Type	Len	Description
<i>SMF042#14_ADSM_Accounting.<fieldname></i>			
zLEV	CHAR	2	Product level.
zNME	CHAR	8	Product name, ADSM.
zNCL	CHAR	30	Node name of ADSM client. If the node name does not fit completely within 30 CHARACTERS, the client node name is listed as: first...last where first is the first 17 CHARACTERS of the node name and last is the last 10 CHARACTERS of the node name.
zTME	CHAR	14	Data and time of accounting (yyyymmddhhmmss).
zDUR	INT	4	Duration of session, in seconds.
zNAI	INT	4	Number of archive database objects inserted during session.
zNBI	INT	4	Number of backup database objects inserted during session.
zAFS	INT	4	Amount of archived files, in kilobytes, sent by the client to the server.
zBFS	INT	4	Amount of backed up files, in kilobytes, sent by the client to the server
zDKB	INT	4	Amount of data, in kilobytes, communicated between a client node and the server during this session.
zOWN	CHAR	8	Client owner name (UNIX).
zNTY	CHAR	8	Node type.
zCOM	CHAR	8	Communication method used for session.
zNAR	INT	4	Number of archive database objects retrieved during session.
zNBR	INT	4	Number of backup database objects retrieved during session.
zASR	INT	4	Amount of space, in kilobytes, retrieved by archived objects.
zBSR	INT	4	Amount of space, in kilobytes, retrieved by backed up objects.
zIWT	INT	4	Amount of Idle Wait time, in seconds, during the session.
zCWT	INT	4	Amount of Communications Wait time, in seconds, during the session.
zMWT	INT	4	Amount of Media Wait time, in seconds, during the session.
zCPU	INT	4	Amount of CPU time, in seconds, used by the server for basic client activity. This amount includes CPU time to send or receive data from the client but does not include CPU time to place data on, or retrieve it from database storage.
zAUT	INT	1	Authentication method used.
zTRM	INT	1	Normal termination indicator (Normal=X'01').
zNSI	INT	4	Number of space managed database objects inserted during session.
zSDS	INT	4	Amount of space managed data, in kilobytes, sent by the client to the server.
zNSR	INT	4	Number of space managed database objects retrieved during session.
zSDR	INT	4	Amount of space, in kilobytes, retrieved by space managed objects.

Record Type 42 Subtype 15 - VSAM RLS CF Storage Class Response Time

Primary Segment:

- SMF042#15_DFSMS

Secondary Segment(s): 5 (in alphabetical order)

- SMF042#15_Product_Section
- SMF042#15_VSAM_RLS_StorClass_CF_SYS
- SMF042#15_VSAM_RLS_StorClass_CF_SYS_64
- SMF042#15_VSAM_RLS_StorClass_SysplexWide
- SMF042#15_VSAM_RLS_StorClass_SysplexWide_64

Primary segment: SMF042#15_DFSMS

Field Name	Type	Len	Description
<i>SMF042#15_DFSMS.<fieldname></i>			
<i>SMF042#15_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF042#15_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zFX1	INT	4	(IBM name: SMF42FX1) Offset to sysplex-wide storage class (SC) summary data section.
zFX2	INT	2	(IBM name: SMF42FX2) Length of sysplex-wide SC summary data section.
zFX3	INT	2	(IBM name: SMF42FX3) Number of sysplex-wide SC summary data sections.
zFX4	INT	4	(IBM name: SMF42FX4) Offset to SC, CF, SYS summary section.
zFX5	INT	2	(IBM name: SMF42FX5) Length of SC, CF, SYS summary section.

zFX6	INT	2	(IBM name: N/A) Number of SC, CF, SYS summary sections.
zFX7	INT	4	(IBM name: SMF42FX7) Offset to sysplex-wide storage class (SC) summary data section.
zFX8	INT	2	(IBM name: SMF42FX8) Length of sysplex-wide SC summary data section.
zFX9	INT	2	(IBM name: N/A) Number of sysplex-wide SC summary data sections.
zFXA	INT	4	(IBM name: N/A) Offset to SC, CF, SYS summary section.
zFXB	INT	2	(IBM name: N/A) Length of SC, CF, SYS summary section.
zFXC	INT	2	(IBM name: N/A) Number of SC, CF, SYS summary sections. The following six fields are only included with SubType 16 FOR buffers below the bar:

Secondary segment: **SMF042#15_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#15_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#15_VSAM_RLS_StorClass_SysplexWide**

Field Name	Type	Len	Description
<i>SMF042#15_VSAM_RLS_StorClass_SysplexWide.<fieldname></i>			
zFAA	INT	4	(IBM name: SMF42FAA) Interval length. This is the total length, in seconds, of the measurement period.
zF00	CHAR	12	(IBM name: SMF42F00) Indicates if DFSMS greater than 4K CF caching is active. Value is GT4KACTIVE or GT4KNOTACT.
zFAB	INT	2	(IBM name: SMF42FAB) Length of the storage class name.
zFAC	CHAR	30	(IBM name: SMF42FAC) Storage class name.
zF01	INT	2	(IBM name: SMF42F01) Length of DFSMS cache set name.
zFAD	CHAR	30	

			(IBM name: SMF42FAD) DFSMS cache set name.
zFAE	INT	4	(IBM name: SMF42FAE) Number of lock requests processed.
zFAF	INT	4	(IBM name: SMF42FAF) Number of true contention lock requests.
zFAG	INT	4	(IBM name: SMF42FAG) Number of false contention lock requests.
zF02	INT	2	(IBM name: SMF42F02) DFSMS direct weight
zF12	INT	2	(IBM name: SMF42F12) DFSMS sequential weight
zFAH	CHAR	7	(IBM name: SMF42FAH) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zFY3.<fieldname>

zFSC	BIT	1	CA and CI count valid.
zFST	BIT	1	Local contention fields valid.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.<fieldname>

zFSA	INT	4	(IBM name: SMF42FSA) Total number of CI splits for this interval (across the sysplex)
zFSB	INT	4	(IBM name: SMF42FSB) Total number of CA splits for this interval (across the sysplex).

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zDASumm.<fieldname>

zFCA	INT	4	(IBM name: SMF42FCA) Coupling facility cache partition number.
zFCB	INT	4	(IBM name: SMF42FCB) Total number of direct access requests.
zFCC	INT	4	(IBM name: SMF42FCC) Total number of Read requests - no read integrity.
zFCD	INT	4	(IBM name: SMF42FCD) Total number of Read Requests - Consistent reads.
zFCE	INT	4	(IBM name: SMF42FCE) Total number of Write requests.
zFCF	INT	4	(IBM name: SMF42FCF) Number of direct access BMF requests.
zFCG	INT	4	(IBM name: SMF42FCG) Number of direct access BMF Read Requests.
zFCH	INT	4	(IBM name: SMF42FCH) Number of direct access BMF Write requests.
zFCI	INT	4	(IBM name: SMF42FCI) Number of direct access BMF Read hits.
zFCJ	INT	4	(IBM name: SMF42FCJ) Number of BMF valid Read hits.
zFCK	INT	4	(IBM name: SMF42FCK) Number of BMF false invalids.
zFCL	INT	4	(IBM name: SMF42FCL) Number of requests processed by the sysplex cache manager.
zFCM	INT	4	(IBM name: SMF42FCM) Number of CF Read requests.
zFCN	INT	4	(IBM name: SMF42FCN) Number of CF Write requests.
zFCO	INT	4	(IBM name: SMF42FCO) Number of CF Read hits

zFCP	INT	4	(IBM name: SMF42FCP) Number of Read castins
zFCQ	INT	8	(IBM name: SMF42FCQ) Number of bytes transferred into the DFSMS cache structure.
zFCR	INT	4	(IBM name: SMF42FCR) Number of READ real I/O requests to DASD.
zFCS	INT	4	(IBM name: SMF42FCS) Number of WRITE real I/O requests to DASD.
zFCT	INT	8	(IBM name: SMF42FCT) Total number of bytes transferred for all direct access requests where the data was retrieved from DASD.
zFCU	INT	8	(IBM name: SMF42FCU) Number of DASD for the write requests.
zFCV	CHAR	16	(IBM name: SMF42FCV) Reserved.
zFCW	FIXED	8 (20,3)	(IBM name: SMF42FCW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zFCX	FIXED	4 (10,3)	(IBM name: SMF42FCX) Average response time for all of the requests in this interval (total time/number of requests).
zFCY	FIXED	4 (10,3)	(IBM name: SMF42FCY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFCZ	CHAR	8	(IBM name: SMF42FCZ) Reserved.
zFC7	CHAR	32	(IBM name: SMF42FC7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zDAREDOSumm.<fieldname>

zFDA	INT	4	(IBM name: SMF42FDA) Coupling facility Cache partition number (RE-DO).
zFDB	INT	4	(IBM name: SMF42FDB) Total number of requests to DASD (RE-DO).
zFDC	INT	4	(IBM name: SMF42FDC) Number of read requests - NRI protocol (No Read Integrity) (RE-DO).
zFDD	INT	4	(IBM name: SMF42FDD) Number of read requests - Consistent read protocol (RE-DO).
zFDE	INT	4	(IBM name: SMF42FDE) Number of WRITE requests (RE-DO).
zFDF	INT	4	(IBM name: SMF42FDF) Number of direct access BMF requests (RE-DO).
zFDG	INT	4	(IBM name: SMF42FDG) Number of direct access BMF Read requests (RE-DO).
zFDH	INT	4	(IBM name: SMF42FDH) Number of direct access BMF Write requests (RE-DO).
zFDI	INT	4	(IBM name: SMF42FDI) Number of direct access BMF read hits (RE-DO).
zFDJ	INT	4	(IBM name: SMF42FDJ) Number of direct access BMF valid read hits (RE-DO).
zFDK	INT	4	(IBM name: SMF42FDK) Number of BMF false invalids (RE-DO).
zFDL	INT	4	(IBM name: SMF42FDL) Number of requests processed by the Sysplex Cache Manager
zFDM	INT	4	(IBM name: SMF42FDM) Number of CF cache structure Read requests (RE-DO).
zFDN	INT	4	

			(IBM name: SMF42FDN) Number of CF cache structure Write requests (RE-DO).
zFDO	INT	4	(IBM name: SMF42FDO) Number of CF cache structure read hits (RE-DO).
zFDP	INT	4	(IBM name: SMF42FDP) Number of CF cache structure read castins (RE-DO).
zFDQ	INT	8	(IBM name: SMF42FDQ) Number of bytes transferred into DFSMS cache structure (RE-DO).
zFDR	INT	4	(IBM name: SMF42FDR) Number of READ real I/O direct requests to DASD (RE-DO).
zFDS	INT	4	(IBM name: SMF42FDS) Number of WRITE real I/O direct requests to DASD (RE-DO).
zFDT	INT	8	(IBM name: SMF42FDT) Total number of bytes transferred to DASD for the read requests.
zFDU	INT	8	(IBM name: SMF42FDU) Total number of bytes transferred to DASD for the write requests.
zFDV	CHAR	16	(IBM name: SMF42FDV) Reserved. (RE-DO)
zFDW	FIXED	8 (20,3)	(IBM name: SMF42FDW) Total amount of time, in milli seconds, for all direct access requests in this interval (RE-DO).
zFDX	FIXED	4 (10,3)	(IBM name: SMF42FDX) Average response time for all of the direct access requests in this interval (total time/number of requests) (RE-DO).
zFDY	FIXED	4 (10,3)	(IBM name: SMF42FDY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K) (RE-DO).
zFDZ	CHAR	8	(IBM name: SMF42FDZ) Reserved.
zFD7	CHAR	32	(IBM name: SMF42FD7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zSASumm.<fieldname>

zFEA	INT	4	(IBM name: SMF42FEA) Coupling facility cache partition number.
zFEB	INT	4	(IBM name: SMF42FEB) Total number of requests.
zFEC	INT	4	(IBM name: SMF42FEC) Total number of read requests - NRI protocol (No Read Integrity).
zFED	INT	4	(IBM name: SMF42FED) Total number of read requests - Consistent read protocol.
zFEE	INT	4	(IBM name: SMF42FEE) Total number of WRITE requests.
zFEF	INT	4	(IBM name: SMF42FEF) Number of sequential access BMF requests.
zFEG	INT	4	(IBM name: SMF42FEG) Total number of sequential access BMF Read requests.
zFEH	INT	4	(IBM name: SMF42FEH) Total number of sequential access BMF Write requests.
zFEI	INT	4	(IBM name: SMF42FEI) Number of sequential access BMF read hits.
zFEJ	INT	4	(IBM name: SMF42FEJ) Number of sequential access BMF valid read hits.
zFEK	INT	4	(IBM name: SMF42FEK) Number of sequential access BMF false invalids.
zFEL	INT	4	(IBM name: SMF42FEL) Number of sequential access requests processed by the Sysplex Cache

			Manager
zFEM	INT	4	(IBM name: SMF42FEM) Number of sequential access CF cache structure read requests.
zFEN	INT	4	(IBM name: SMF42FEN) Number of sequential access CF cache structure Write requests.
zFEO	INT	4	(IBM name: SMF42FEO) Number of sequential access CF cache structure read hits.
zFEP	INT	4	(IBM name: SMF42FEP) Number of sequential access CF cache structure read castins.
zFEQ	INT	8	(IBM name: SMF42FEQ) Number of bytes transferred into the DFSMS CF cache structure.
zFER	INT	4	(IBM name: SMF42FER) Number of READ real I/O sequential requests to DASD.
zFES	INT	4	(IBM name: SMF42FES) Number of WRITE real I/O sequential requests to DASD.
zFET	INT	8	(IBM name: SMF42FET) Total number of bytes transferred to DASD for the read requests.
zFEU	INT	8	(IBM name: SMF42FEU) Total number of bytes transferred to DASD for the write requests.
zFEV	CHAR	16	(IBM name: SMF42FEV) Reserved.
zFEW	FIXED	8 (20,3)	(IBM name: SMF42FEW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zFEX	FIXED	4 (10,3)	(IBM name: SMF42FEX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zFEY	FIXED	4 (10,3)	(IBM name: SMF42FEY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFEZ	CHAR	8	(IBM name: SMF42FEZ) Reserved.
zFE7	CHAR	32	(IBM name: SMF42FE7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zSAREDOSumm.<fieldname>

zFFA	INT	4	(IBM name: SMF42FFA) Coupling facility cache partition number.
zFFB	INT	4	(IBM name: SMF42FFB) Total number of sequential access requests. (RE-DO)
zFFC	INT	4	(IBM name: SMF42FFC) Number of read requests - NRI protocol (No Read Integrity) (RE-DO).
zFFD	INT	4	(IBM name: SMF42FFD) Number of read requests - Consistent read protocol. (RE-DO)
zFFE	INT	4	(IBM name: SMF42FFE) Number of sequential access Write requests. (RE-DO)
zFFF	INT	4	(IBM name: SMF42FFF) Number of sequential access BMF requests. (RE-DO)
zFFG	INT	4	(IBM name: SMF42FFG) Number of sequential access BMF Read requests. (RE-DO)
zFFH	INT	4	(IBM name: SMF42FFH) Number of sequential access BMF Write requests. (RE-DO)
zFFI	INT	4	(IBM name: SMF42FFI) Number of sequential access BMF read hits. (RE-DO)
zFFJ	INT	4	(IBM name: SMF42FFJ) Number of sequential access BMF valid read hits. (RE-DO)

zFFK	INT	4	(IBM name: SMF42FFK) Number of sequential access BMF false invalids. (RE-DO)
zFFL	INT	4	(IBM name: SMF42FFL) Number of sequential access requests processed by the Sysplex Cache Manager. (RE-DO)
zFFM	INT	4	(IBM name: SMF42FFM) Number of sequential access CF cache structure Read requests. (RE-DO)
zFFN	INT	4	(IBM name: SMF42FFN) Number of sequential access CF cache structure Write requests. (RE-DO)
zFFO	INT	4	(IBM name: SMF42FFO) Number of sequential access CF cache structure read hits. (RE-DO)
zFFP	INT	4	(IBM name: SMF42FFP) Number of sequential access CF cache structure read castins. (RE-DO)
zFFQ	INT	8	(IBM name: SMF42FFQ) Number of bytes transferred into the DFSMS cache structure (RE-DO).
zFFR	INT	4	(IBM name: SMF42FFR) Total number of READ real I/O sequential requests to DASD. (RE-DO)
zFFS	INT	4	(IBM name: SMF42FFS) Total number of WRITE real I/O sequential requests to DASD. (RE-DO)
zFFT	INT	8	(IBM name: SMF42FFT) Total number of bytes transferred to DASD for the read requests.
zFFU	INT	8	(IBM name: SMF42FFU) Total number of bytes transferred to DASD for the write requests.
zFFV	CHAR	16	(IBM name: SMF42FFV) Reserved.
zFFW	FIXED	8 (20,3)	(IBM name: SMF42FFW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zFFX	FIXED	4 (10,3)	(IBM name: SMF42FFX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zFFY	FIXED	4 (10,3)	(IBM name: SMF42FFY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)
zFFZ	CHAR	8	(IBM name: SMF42FFZ) Reserved.
zFF7	CHAR	32	(IBM name: SMF42FF7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zSARASumm.<fieldname>

zFGA	INT	4	(IBM name: SMF42FGA) Coupling facility cache partition number.
zFGB	INT	4	(IBM name: SMF42FGB) Total number of real I/O sequential requests to DASD. (read ahead)
zFGC	INT	4	(IBM name: SMF42FGC) Number of read requests - NRI protocol (No Read Integrity) (READ-AHEAD).
zFGD	INT	4	(IBM name: SMF42FGD) Number of read requests - Consistent read protocol (READ-AHEAD).
zFGE	INT	4	(IBM name: SMF42FGE) Number of Write requests. (READ-AHEAD)
zFGF	INT	4	(IBM name: SMF42FGF) Number of sequential access BMF requests. (READ-AHEAD)
zFGG	INT	4	(IBM name: SMF42FGG) Number of sequential access BMF Read requests. (READ-AHEAD)
zFGH	INT	4	(IBM name: SMF42FGH) Number of sequential access BMF Write requests. (READ-AHEAD)

zFGI	INT	4	(IBM name: SMF42FGI) Number of sequential access BMF read hits. (read ahead)
zFGJ	INT	4	(IBM name: SMF42FGJ) Number of sequential access BMF valid read hits. (read ahead)
zFGK	INT	4	(IBM name: SMF42FGK) Number of BMF false invalids. (read ahead)
zFGL	INT	4	(IBM name: SMF42FGL) Number of requests processed by the sysplex cache manager. (read ahead)
zFGM	INT	4	(IBM name: SMF42FGM) Number of sequential access CF cache structure Read requests. (read ahead)
zFGN	INT	4	(IBM name: SMF42FGN) Number of sequential access CF cache structure Write requests. (read ahead)
zFGO	INT	4	(IBM name: SMF42FGO) Number of sequential access CF cache structure read hits. (read ahead)
zFGP	INT	4	(IBM name: SMF42FGP) Number of sequential access CF cache structure read castins. (read ahead)
zFGQ	INT	8	(IBM name: SMF42FGQ) Total number of bytes transferred into the DFSMS cache structure for all sequential access requests. (read ahead)
zFGR	INT	4	(IBM name: SMF42FGR) Total number of READ real I/O sequential requests to DASD (READ-AHEAD).
zFGS	INT	4	(IBM name: SMF42FGS) Total number of WRITE real I/O sequential requests to DASD (READ-AHEAD).
zFGT	INT	8	(IBM name: SMF42FGT) Total number of bytes transferred to DASD for the read requests.
zFGU	INT	8	(IBM name: SMF42FGU) Total number of bytes transferred to DASD for the write requests.
zFGV	CHAR	16	(IBM name: SMF42FGV) Reserved.
zFGW	FIXED	8 (20,3)	(IBM name: SMF42FGW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zFGX	FIXED	4 (10,3)	(IBM name: SMF42FGX) Average response time for all of the sequential access (read ahead) requests in this interval. (total time/number of requests)
zFGY	FIXED	4 (10,3)	(IBM name: SMF42FGY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)
zFGZ	CHAR	8	(IBM name: SMF42FGZ) Reserved.
zFG7	CHAR	32	(IBM name: SMF42FG7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide.zSAPFSumm.<fieldname>

zFHA	INT	4	(IBM name: SMF42FHA) Coupling facility cache partition number.
zFHB	INT	4	(IBM name: SMF42FHB) Total number of real I/O sequential requests to DASD. (pre-format)
zFHC	INT	4	(IBM name: SMF42FHC) Number of read requests - NRI protocol (No Read Integrity) (PRE-FORMAT).
zFHD	INT	4	(IBM name: SMF42FHD) Number of read requests - Consistent read protocol (PRE-FORMAT).

zFHE	INT	4	(IBM name: SMF42FHE) Number of Write requests. (PRE-FORMAT)
zFHF	INT	4	(IBM name: SMF42FHF) Number of sequential access BMF requests. (PRE-FORMAT)
zFHG	INT	4	(IBM name: SMF42FHG) Number of sequential access BMF Read requests. (PRE-FORMAT)
zFHH	INT	4	(IBM name: SMF42FHH) Number of sequential access BMF Write requests. (PRE-FORMAT)
zFHI	INT	4	(IBM name: SMF42FHI) Number of sequential access BMF read hits. (pre-format)
zFHJ	INT	4	(IBM name: SMF42FHJ) Number of sequential access BMF valid read hits. (pre-format)
zFHK	INT	4	(IBM name: SMF42FHK) Number of BMF false invalids. (pre-format)
zFHL	INT	4	(IBM name: SMF42FHL) Number of sequential access CF Cache structure Requests. (pre-format)
zFHM	INT	4	(IBM name: SMF42FHM) Number of sequential access CF Cache structure Read Requests. (pre-format)
zFHN	INT	4	(IBM name: SMF42FHN) Number of sequential access CF Cache structure Write Requests. (pre-format)
zFHO	INT	4	(IBM name: SMF42FHO) Number of sequential access CF cache structure read hits. (pre-format)
zFHP	INT	4	(IBM name: SMF42FHP) Number of sequential access CF cache structure read castins. (pre-format)
zFHQ	INT	8	(IBM name: SMF42FHQ) Number of sequential access CF cache structure bytes transferred. (pre-format)
zFHR	INT	4	(IBM name: SMF42FHR) Total number of READ real I/O sequential requests to DASD. (pre-format)
zFHS	INT	4	(IBM name: SMF42FHS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zFHT	INT	8	(IBM name: SMF42FHT) Total number of bytes transferred to DASD for the read requests.
zFHU	INT	8	(IBM name: SMF42FHU) Total number of bytes transferred to DASD for the write requests.
zFHV	CHAR	16	(IBM name: SMF42FHV) Reserved.
zFHW	FIXED	8 (20,3)	(IBM name: SMF42FHW) Total amount of time, in milli seconds, for all sequential access (pre-format) requests in this interval.
zFHX	FIXED	4 (10,3)	(IBM name: SMF42FHX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zFHY	FIXED	4 (10,3)	(IBM name: SMF42FHY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
zFHZ	CHAR	8	(IBM name: SMF42FHZ) Reserved.
zFH7	CHAR	32	(IBM name: SMF42FH7) Reserved.
zFOA	INT	4	(IBM name: SMF42FOA) Number of record lock requests (obtain/alter/promote).
zFOB	INT	4	(IBM name: SMF42FOB) Number of record lock requests that cause true contention.
zFOC	INT	4	(IBM name: SMF42FOC) Number of record lock requests that cause false contention.

zFOD	INT	4	(IBM name: SMF42FOD) Number of record lock release requests.
zFOE	INT	4	(IBM name: SMF42FOE) Number of component_1 type lock requests.
zFOF	INT	4	(IBM name: SMF42FOF) Number of component_1 type release lock requests.
zFUA	INT	4	(IBM name: SMF42FUA) Accumulation of waiters for record lock.
zFUB	INT	4	(IBM name: SMF42FUB) Number of record locks hashed to the same hash table entry.
zFOH	INT	4	(IBM name: SMF42FOH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zFOI	INT	4	(IBM name: SMF42FOI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zFOJ	INT	4	(IBM name: SMF42FOJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zFOK	INT	4	(IBM name: SMF42FOK) Number of component_1 class_1 (DIWA) release lock requests.
zFOL	INT	4	(IBM name: SMF42FOL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zFOM	INT	4	(IBM name: SMF42FOM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zFON	INT	4	(IBM name: SMF42FON) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zFOO	INT	4	(IBM name: SMF42FOO) Number of component_1 class_2 (UPGRADE) release lock requests.
zFOP	INT	4	(IBM name: SMF42FOP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zFOQ	INT	4	(IBM name: SMF42FOQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zFOR	INT	4	(IBM name: SMF42FOR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zFOS	INT	4	(IBM name: SMF42FOS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zFOT	INT	4	(IBM name: SMF42FOT) Number of component_2 lock requests (obtain/alter/promote).
zFOU	INT	4	(IBM name: SMF42FOU) Number of component_2 locks that cause true contention.
zFOV	INT	4	(IBM name: SMF42FOV) Number of component_2 locks that cause false contention.
zFOW	INT	4	(IBM name: SMF42FOW) Number of component_2 release lock requests.
zFUD	INT	4	(IBM name: SMF42FUD) Accumulation of waiters for DIWA lock.
zFUE	INT	4	(IBM name: SMF42FUE) Accumulation of waiters for upgrade lock.
zFUF	INT	4	(IBM name: SMF42FUF) Accumulation of waiters for COMP2 lock.
zFUG	INT	4	(IBM name: SMF42FUG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zFPH	INT	4	(IBM name: SMF42FPH) Number of component_1 class 4 (INDEX Record) locks

			(obtain/alter/promote).
zFPI	INT	4	(IBM name: SMF42FPI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zFPJ	INT	4	(IBM name: SMF42FPJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zFPK	INT	4	(IBM name: SMF42FPK) Number of component_1 class 4 (INDEX Record) release lock requests.
zFPR	FIXED	8 (20,3)	(IBM name: SMF42FPR) Total time all thread requests.
zFPS	INT	4	(IBM name: SMF42FPS) Total number of all thread requests.
zFPT	CHAR	4	(IBM name: SMF42FPT) Reserved.
zFPU	FIXED	4 (10,3)	(IBM name: SMF42FPU) Average response time for all of the thread requests in the interval. (Total time/number of thread requests).
zFPV	FIXED	4 (10,3)	(IBM name: SMF42FPV) Normalized response time for all of the thread requests in the interval. (Total time/number of bytes transferred/4K).
zFPW	CHAR	8	(IBM name: SMF42FPW) Reserved.
zFAI	CHAR	16	(IBM name: SMF42FAI) Lock structure name.
zFAJ	CHAR	8	(IBM name: SMF42FAJ) Lock set.

Secondary segment: **SMF042#15_VSAM_RLS_StorClass_CF_SYS**

Field Name	Type	Len	Description
<i>SMF042#15_VSAM_RLS_StorClass_CF_SYS.<fieldname></i>			
zFBA	INT	4	(IBM name: SMF42FBA) Interval length. This is the total length, in seconds, of the measurement period.
zF03	CHAR	12	(IBM name: SMF42F03) Indicates if DFSMS greater than 4K CF caching is active. Value is GT4KACTIVE or GT4KNOTACT.
zFBB	INT	2	(IBM name: SMF42FBB) Length of the storage class name.
zFBC	CHAR	30	(IBM name: SMF42FBC) Storage class name.
zF04	INT	2	(IBM name: SMF42F04) Cache Set Name Length
zFBD	CHAR	30	(IBM name: SMF42FBD) DFSMS Cache Set name.
zFBE	CHAR	8	(IBM name: SMF42FBE) MVS system name.
zF05	CHAR	8	(IBM name: SMF42F05) Reserved.
zFBF	CHAR	2	(IBM name: SMF42FBF) Reserved.
zFBG	CHAR	30	(IBM name: SMF42FBG) DFP CF cache structure name.
zFBH	INT	4	

			(IBM name: SMF42FBH) Number of lock requests processed.
zFBI	INT	4	(IBM name: SMF42FBI) Number of true contention lock requests.
zFBJ	INT	4	(IBM name: SMF42FBJ) Number of false contention lock requests.
zFB2	INT	2	(IBM name: SMF42FB2) SMS Direct Weight
zFB3	INT	2	(IBM name: SMF42FB3) SMS Sequential Weight
zFBL	CHAR	8	(IBM name: SMF42FBL) Reserved.
zFTA	INT	4	(IBM name: SMF42FTA) Total number of CI splits for this interval.
zFTB	INT	4	(IBM name: SMF42FTB) Total number of CA splits for this interval.

SMF042#15_VSAM_RLS_StorClass_CF_SYS.zDASumm.<fieldname>			
zFIA	INT	4	(IBM name: SMF42FIA) Coupling facility cache partition number.
zFIB	INT	4	(IBM name: SMF42FIB) Number of direct requests.
zFIC	INT	4	(IBM name: SMF42FIC) Number of read requests - NRI protocol (No Read Integrity).
zFID	INT	4	(IBM name: SMF42FID) Number of read requests - Consistent read protocol.
zFIE	INT	4	(IBM name: SMF42FIE) Number of Write requests.
zFIF	INT	4	(IBM name: SMF42FIF) Number of direct access BMF requests.
zFIG	INT	4	(IBM name: SMF42FIG) Number of direct access BMF Read requests.
zFIH	INT	4	(IBM name: SMF42FIH) Number of direct access BMF Write requests.
zFII	INT	4	(IBM name: SMF42FII) Number of direct access BMF read hits.
zFIJ	INT	4	(IBM name: SMF42FIJ) Number of direct access BMF valid read hits.
zFIK	INT	4	(IBM name: SMF42FIK) Number of BMF false invalids.
zFIL	INT	4	(IBM name: SMF42FIL) Number of direct access CF Cache structure requests.
zFIM	INT	4	(IBM name: SMF42FIM) Number of direct access CF cache structure Read requests.
zFIN	INT	4	(IBM name: SMF42FIN) Number of direct access CF cache structure Write requests.
zFIO	INT	4	(IBM name: SMF42FIO) Number of direct access CF cache structure read hits.
zFIP	INT	4	(IBM name: SMF42FIP) Number of direct access CF cache structure read castins.
zFIQ	INT	8	(IBM name: SMF42FIQ) Number of direct access CF cache structure bytes transferred.
zFIR	INT	4	(IBM name: SMF42FIR) Number of READ real I/O direct requests to DASD.
zFIS	INT	4	(IBM name: SMF42FIS) Number of WRITE real I/O direct requests to DASD.

zFIT	INT	8	(IBM name: SMF42FIT) Total number of bytes transferred to DASD for the read requests.
zFIU	INT	8	(IBM name: SMF42FIU) Total number of bytes transferred to DASD for the write requests.
zFIV	CHAR	16	(IBM name: SMF42FIV) Reserved.
zFIW	FIXED	8 (20,3)	(IBM name: SMF42FIW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zFIX	FIXED	4 (10,3)	(IBM name: SMF42FIX) Average response time for all of the requests in this interval (total time/number of requests).
zFIY	FIXED	4 (10,3)	(IBM name: SMF42FIY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFIZ	CHAR	8	(IBM name: SMF42FIZ) Reserved.
zFI7	CHAR	32	(IBM name: SMF42FI7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS.zDAREDOSumm.<fieldname>

zFJA	INT	4	(IBM name: SMF42FJA) Coupling facility cache partition number.
zFJB	INT	4	(IBM name: SMF42FJB) Total number of direct access requests. (RE-DO)
zFJC	INT	4	(IBM name: SMF42FJC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zFJD	INT	4	(IBM name: SMF42FJD) Number of read requests - Consistent read protocol. (RE-DO)
zFJE	INT	4	(IBM name: SMF42FJE) Number of Write requests. (RE-DO)
zFJF	INT	4	(IBM name: SMF42FJF) Number of direct access BMF requests. (RE-DO)
zFJG	INT	4	(IBM name: SMF42FJG) Number of direct access BMF Read requests. (RE-DO)
zFJH	INT	4	(IBM name: SMF42FJH) Number of direct access BMF Write requests. (RE-DO)
zFJI	INT	4	(IBM name: SMF42FJI) Number of direct access BMF read hits. (RE-DO)
zFJJ	INT	4	(IBM name: SMF42FJJ) Number of direct access BMF valid read hits. (RE-DO)
zFJK	INT	4	(IBM name: SMF42FJK) Number of BMF false invalids. (RE-DO)
zFJL	INT	4	(IBM name: SMF42FJL) Number of direct access CF cache structure requests. (RE-DO)
zFJM	INT	4	(IBM name: SMF42FJM) Number of direct access CF cache structure Read requests. (RE-DO)
zFJN	INT	4	(IBM name: SMF42FJN) Number of direct access CF cache structure Write requests. (RE-DO)
zFJO	INT	4	(IBM name: SMF42FJO) Number of direct access CF cache structure read hits. (RE-DO)
zFJP	INT	4	(IBM name: SMF42FJP) Number of direct access CF cache structure read castins. (RE-DO)
zFJQ	INT	8	(IBM name: SMF42FJQ) Number of direct access CF cache structure bytes transferred. (RE-DO)
zFJR	INT	4	(IBM name: SMF42FJR) Total number of READ real I/O direct requests to DASD. (RE-DO)

zFJS	INT	4	(IBM name: SMF42FJS) Total number of WRITE real I/O direct requests to DASD. (RE-DO)
zFJT	INT	8	(IBM name: SMF42FJT) Total number of bytes transferred to DASD for the read requests.
zFJU	INT	8	(IBM name: SMF42FJU) Total number of bytes transferred to DASD for the write requests.
zFJV	CHAR	16	(IBM name: SMF42FJV) Reserved.
zFJW	FIXED	8 (20,3)	(IBM name: SMF42FJW) Total amount of time, in milli seconds, for all direct access. (RE-DO) requests in this interval.
zFJX	FIXED	4 (10,3)	(IBM name: SMF42FJX) Average response time for all of the direct access requests in this interval (total time/number of requests). (RE-DO)
zFJY	FIXED	4 (10,3)	(IBM name: SMF42FJY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)
zFJZ	CHAR	8	(IBM name: SMF42FJZ) Reserved.
zFJ7	CHAR	32	(IBM name: SMF42FJ7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS.zSASumm.<fieldname>

zFKA	INT	4	(IBM name: SMF42FKA) Coupling facility cache partition number.
zFKB	INT	4	(IBM name: SMF42FKB) Total number of sequential access requests.
zFKC	INT	4	(IBM name: SMF42FKC) Number of read requests - NRI protocol (No Read Integrity).
zFKD	INT	4	(IBM name: SMF42FKD) Number of read requests - Consistent read protocol.
zFKE	INT	4	(IBM name: SMF42FKE) Number of Write requests.
zFKF	INT	4	(IBM name: SMF42FKF) Number of sequential access BMF requests.
zFKG	INT	4	(IBM name: SMF42FKG) Number of sequential access BMF Read requests.
zFKH	INT	4	(IBM name: SMF42FKH) Number of sequential access BMF Write requests.
zFKI	INT	4	(IBM name: SMF42FKI) Number of sequential access BMF read hits.
zFKJ	INT	4	(IBM name: SMF42FKJ) Number of sequential access BMF valid read hits.
zFKK	INT	4	(IBM name: SMF42FKK) Number of sequential BMF false invalids.
zFKL	INT	4	(IBM name: SMF42FKL) Number of sequential access CF cache structure requests.
zFKM	INT	4	(IBM name: SMF42FKM) Number of sequential access CF cache structure Read requests.
zFKN	INT	4	(IBM name: SMF42FKN) Number of sequential access CF cache structure Write requests.
zFKO	INT	4	(IBM name: SMF42FKO) Number of sequential access CF cache structure read hits.
zFKP	INT	4	(IBM name: SMF42FKP) Number of sequential access CF cache structure read castins.
zFKQ	INT	8	(IBM name: SMF42FKQ) Number of sequential access CF cache structure bytes transferred.

zFKR	INT	4	(IBM name: SMF42FKR) Total number of READ real I/O sequential requests to DASD.
zFKS	INT	4	(IBM name: SMF42FKS) Total number of WRITE real I/O sequential requests to DASD.
zFKT	INT	8	(IBM name: SMF42FKT) Total number of bytes transferred to DASD for the read requests.
zFKU	INT	8	(IBM name: SMF42FKU) Total number of bytes transferred to DASD for the write requests.
zFKV	CHAR	16	(IBM name: SMF42FKV) Reserved.
zFKW	FIXED	8 (20,3)	(IBM name: SMF42FKW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zFKX	FIXED	4 (10,3)	(IBM name: SMF42FKX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zFKY	FIXED	4 (10,3)	(IBM name: SMF42FKY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFKZ	CHAR	8	(IBM name: SMF42FKZ) Reserved.
zFK7	CHAR	32	(IBM name: SMF42FK7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS.zSAREDOSumm.<fieldname>			
zFLA	INT	4	(IBM name: SMF42FLA) Coupling facility cache partition number.
zFLB	INT	4	(IBM name: SMF42FLB) Total number of sequential access requests. (RE-DO)
zFLC	INT	4	(IBM name: SMF42FLC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zFLD	INT	4	(IBM name: SMF42FLD) Number of read requests - Consistent read protocol. (RE-DO)
zFLE	INT	4	(IBM name: SMF42FLE) Number of Write requests. (RE-DO)
zFLF	INT	4	(IBM name: SMF42FLF) Number of sequential access BMF requests. (RE-DO)
zFL6	INT	4	(IBM name: SMF42FL6) Number of sequential access BMF Read requests. (RE-DO)
zFLH	INT	4	(IBM name: SMF42FLH) Number of sequential access BMF Write requests. (RE-DO)
zFLI	INT	4	(IBM name: SMF42FLI) Number of sequential access BMF read hits. (RE-DO)
zFLJ	INT	4	(IBM name: SMF42FLJ) Number of sequential access BMF valid read hits. (RE-DO)
zFLK	INT	4	(IBM name: SMF42FLK) Number of BMF false invalids. (RE-DO)
zFLL	INT	4	(IBM name: SMF42FLL) Total number of sequential access requests. (RE-DO)
zFLM	INT	4	(IBM name: SMF42FLM) Number of sequential access CF cache structure Read requests. (RE-DO)
zFLN	INT	4	(IBM name: SMF42FLN) Number of sequential access CF cache structure Write requests. (RE-DO)
zFLO	INT	4	(IBM name: SMF42FLO) Number of sequential access CF cache structure Read hits. (RE-DO)
zFLP	INT	4	(IBM name: SMF42FLP) Number of sequential access CF cache structure read castins. (RE-DO)

zFLQ	INT	8	(IBM name: SMF42FLQ) Number of sequential access CF cache structure bytes transferred. (RE-DO)
zFLR	INT	4	(IBM name: SMF42FLR) Total number of READ real I/O sequential requests to DASD. (RE-DO)
zFLS	INT	4	(IBM name: SMF42FLS) Total number of WRITE real I/O sequential requests to DASD. (RE-DO)
zFLT	INT	8	(IBM name: SMF42FLT) Total number of bytes transferred to DASD for the read requests.
zFLU	INT	8	(IBM name: SMF42FLU) Total number of bytes transferred to DASD for the write requests.
zFLV	CHAR	16	(IBM name: SMF42FLV) Reserved.
zFLW	FIXED	8 (20,3)	(IBM name: SMF42FLW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zFLX	FIXED	4 (10,3)	(IBM name: SMF42FLX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zFLY	FIXED	4 (10,3)	(IBM name: SMF42FLY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)
zFLZ	CHAR	8	(IBM name: SMF42FLZ) Reserved.
zFL7	CHAR	32	(IBM name: SMF42FL7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS.zSARASumm.<fieldname>

zFMA	INT	4	(IBM name: SMF42FMA) Coupling facility cache partition number.
zFMB	INT	4	(IBM name: SMF42FMB) Total number of sequential access requests. (read ahead)
zFMC	INT	4	(IBM name: SMF42FMC) Number of read requests - NRI protocol (No Read Integrity). (read ahead)
zFMD	INT	4	(IBM name: SMF42FMD) Number of read requests - Consistent read protocol. (read ahead)
zFME	INT	4	(IBM name: SMF42FME) Number of Write requests. (read ahead)
zFMF	INT	4	(IBM name: SMF42FMF) Number of sequential access BMF requests. (read ahead)
zFMG	INT	4	(IBM name: SMF42FMG) Number of sequential access BMF Read requests. (read ahead)
zFMH	INT	4	(IBM name: SMF42FMH) Number of sequential access BMF Write requests. (read ahead)
zFMI	INT	4	(IBM name: SMF42FMI) Number of sequential access BMF read hits. (read ahead)
zFMJ	INT	4	(IBM name: SMF42FMJ) Number of sequential access BMF valid read hits. (read ahead)
zFMK	INT	4	(IBM name: SMF42FMK) Number of BMF false invalids. (read ahead)
zFML	INT	4	(IBM name: SMF42FML) Number of sequential access CF cache structure requests. (read ahead)
zFMM	INT	4	(IBM name: SMF42FMM) Number of sequential access CF cache structure Read requests. (read ahead)
zFMN	INT	4	(IBM name: SMF42FMN) Number of sequential access CF cache structure Write requests. (read ahead)

zFMO	INT	4	(IBM name: SMF42FMO) Number of sequential access CF cache structure read hits. (read ahead)
zFMP	INT	4	(IBM name: SMF42FMP) Number of sequential access CF cache structure read castins. (read ahead)
zFMQ	INT	8	(IBM name: SMF42FMQ) Number of sequential access CF cache structure bytes transferred. (read ahead)
zFMR	INT	4	(IBM name: SMF42FMR) Total number of READ real I/O sequential requests to DASD. (read ahead)
zFMS	INT	4	(IBM name: SMF42FMS) Total number of WRITE real I/O sequential requests to DASD. (read ahead)
zFMT	INT	8	(IBM name: SMF42FMT) Total number of bytes transferred to DASD for the read requests.
zFMU	INT	8	(IBM name: SMF42FMU) Total number of bytes transferred to DASD for the write requests.
zFMV	CHAR	16	(IBM name: SMF42FMV) Reserved.
zFMW	FIXED	8 (20,3)	(IBM name: SMF42FMW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zFMX	FIXED	4 (10,3)	(IBM name: SMF42FMX) Average response time for all of the sequential access (read ahead) requests in this interval (total time/number of requests).
zFMY	FIXED	4 (10,3)	(IBM name: SMF42FMY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)
zFMZ	CHAR	8	(IBM name: SMF42FMZ) Reserved.
zFM7	CHAR	32	(IBM name: SMF42FM7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS.zSAPFSumm.<fieldname>

zFNA	INT	4	(IBM name: SMF42FNA) Coupling facility cache partition number.
zFNB	INT	4	(IBM name: SMF42FNB) Total number of sequential access requests. (Pre-format)
zFNC	INT	4	(IBM name: SMF42FNC) Number of read requests - NRI protocol (No Read Integrity). (Pre-format)
zFND	INT	4	(IBM name: SMF42FND) Number of read requests - Consistent read protocol. (Pre-format)
zFNE	INT	4	(IBM name: SMF42FNE) Number of Write requests. (Pre-format)
zFNF	INT	4	(IBM name: SMF42FNF) Number of sequential access BMF requests. (Pre-format)
zFNG	INT	4	(IBM name: SMF42FNG) Number of sequential access BMF Read requests. (Pre-format)
zFNH	INT	4	(IBM name: SMF42FNH) Number of sequential access BMF Write requests. (Pre-format)
zFNI	INT	4	(IBM name: SMF42FNI) Number of sequential access BMF read hits. (Pre-format)
zFNJ	INT	4	(IBM name: SMF42FNJ) Number of sequential access BMF valid read hits. (Pre-format)
zFNK	INT	4	(IBM name: SMF42FNK) Number of BMF false invalids. (Pre-format)
zFNL	INT	4	(IBM name: SMF42FNL) Number of sequential access CF cache structure requests. (Pre-format)

zFNM	INT	4	(IBM name: SMF42FNM) Number of sequential access CF cache structure Read requests. (Pre-format)
zFNN	INT	4	(IBM name: SMF42FNN) Number of sequential access CF cache structure Write requests. (read ahead)
zFNO	INT	4	(IBM name: SMF42FNO) Number of sequential access CF cache structure read hits. (read ahead)
zFNP	INT	4	(IBM name: SMF42FNP) Number of sequential access CF cache structure read castins. (Pre-format)
zFNQ	INT	8	(IBM name: SMF42FNQ) Number of sequential access CF cache structure bytes transferred. (Pre-format)
zFNR	INT	4	(IBM name: SMF42FNR) Total number of READ real I/O sequential requests to DASD. (Pre-format)
zFNS	INT	4	(IBM name: SMF42FNS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zFNT	INT	8	(IBM name: SMF42FNT) Total number of bytes transferred to DASD for the read requests.
zFNU	INT	8	(IBM name: SMF42FNU) Total number of bytes transferred to DASD for the write requests.
zFNV	CHAR	16	(IBM name: SMF42FNV) Reserved.
zFNW	FIXED	8 (20,3)	(IBM name: SMF42FNW) Total amount of time, in milli seconds, for all sequential access (pre-format) requests in this interval.
zFNX	FIXED	4 (10,3)	(IBM name: SMF42FNX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zFNY	FIXED	4 (10,3)	(IBM name: SMF42FNY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
zFNZ	CHAR	8	(IBM name: SMF42FNZ) Reserved.
zFN7	CHAR	32	(IBM name: SMF42FN7) Reserved.
zFRA	INT	4	(IBM name: SMF42FRA) Number of record lock requests (obtain/alter/promote).
zFRB	INT	4	(IBM name: SMF42FRB) Number of record lock requests that cause true contention.
zFRC	INT	4	(IBM name: SMF42FRC) Number of record lock requests that cause false contention.
zFRD	INT	4	(IBM name: SMF42FRD) Number of record lock release requests.
zFRE	INT	4	(IBM name: SMF42FRE) Number of component_1 type lock requests.
zFRF	INT	4	(IBM name: SMF42FRF) Number of component_1 type release lock requests.
zFVA	INT	4	(IBM name: SMF42FVA) Accumulation of waiters for record lock.
zFVB	INT	4	(IBM name: SMF42FVB) Number of record locks hashed to the same hash table entry.
zFRH	INT	4	(IBM name: SMF42FRH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zFRI	INT	4	(IBM name: SMF42FRI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zFRJ	INT	4	(IBM name: SMF42FRJ) Number of component_1 class_1 (DIWA) locks that cause false contention.

zFRK	INT	4	(IBM name: SMF42FRK) Number of component_1 class_1 (DIWA) release lock requests.
zFRL	INT	4	(IBM name: SMF42FRL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zFRM	INT	4	(IBM name: SMF42FRM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zFRN	INT	4	(IBM name: SMF42FRN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zFRO	INT	4	(IBM name: SMF42FRO) Number of component_1 class_2 (UPGRADE) release lock requests.
zFRP	INT	4	(IBM name: SMF42FRP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zFRQ	INT	4	(IBM name: SMF42FRQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zFRR	INT	4	(IBM name: SMF42FRR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zFRS	INT	4	(IBM name: SMF42FRS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zFRT	INT	4	(IBM name: SMF42FRT) Number of component_2 lock requests (obtain/alter/promote).
zFRU	INT	4	(IBM name: SMF42FRU) Number of component_2 locks that cause true contention.
zFRV	INT	4	(IBM name: SMF42FRV) Number of component_2 locks that cause false contention.
zFRW	INT	4	(IBM name: SMF42FRW) Number of component_2 release lock requests.
zFVD	INT	4	(IBM name: SMF42FVD) Accumulation of waiters for DIWA lock.
zFVE	INT	4	(IBM name: SMF42FVE) Accumulation of waiters for UPGRADE lock.
zFVF	INT	4	(IBM name: SMF42FVF) Accumulation of waiters for COMP2 lock.
zFVG	INT	4	(IBM name: SMF42FVG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zFSH	INT	4	(IBM name: SMF42FSH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zFSI	INT	4	(IBM name: SMF42FSI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zFSJ	INT	4	(IBM name: SMF42FSJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zFSK	INT	4	(IBM name: SMF42FSK) Number of component_1 class 4 (INDEX Record) release lock requests.
zFQR	FIXED	8 (20,3)	(IBM name: SMF42FQR) Total time all thread requests.
zFQS	INT	4	(IBM name: SMF42FQS) Total number of all thread requests.
zFQT	CHAR	4	(IBM name: SMF42FQT) Reserved.
zFQU	FIXED	4 (10,3)	(IBM name: SMF42FQU) Average response time for all of the thread requests in the interval. (Total

			time/number of thread requests)
zFQV	FIXED	4 (10,3)	(IBM name: SMF42FQV) Normalized response time for all of the thread requests in the interval. (Total time/number of bytes transferred/4K)
zFQW	CHAR	8	(IBM name: SMF42FQW) Reserved.
zFBM	CHAR	16	(IBM name: SMF42FBM) Lock structure name.
zFBN	CHAR	8	(IBM name: SMF42FBN) Lock set.

Secondary segment: SMF042#15_VSAM_RLS_StorClass_SysplexWide_64

Field Name	Type	Len	Description
<i>SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.<fieldname></i>			
zFAA	INT	4	(IBM name: SMF42FAA) Interval length. This is the total length, in seconds, of the measurement period.
zF00	CHAR	12	(IBM name: SMF42F00) Indicates if DFSMS greater than 4K CF caching is active. Value is GT4KACTIVE or GT4KNOTACT.
zFAB	INT	2	(IBM name: SMF42FAB) Length of the storage class name.
zFAC	CHAR	30	(IBM name: SMF42FAC) Storage class name.
zF01	INT	2	(IBM name: SMF42F01) Length of DFSMS cache set name.
zFAD	CHAR	30	(IBM name: SMF42FAD) DFSMS cache set name.
zFAE	INT	4	(IBM name: SMF42FAE) Number of lock requests processed.
zFAF	INT	4	(IBM name: SMF42FAF) Number of true contention lock requests.
zFAG	INT	4	(IBM name: SMF42FAG) Number of false contention lock requests.
zF02	INT	2	(IBM name: SMF42F02) DFSMS direct weight
zF12	INT	2	(IBM name: SMF42F12) DFSMS sequential weight
zFAH	CHAR	8	(IBM name: SMF42FAH) Reserved.
zFSA	INT	4	(IBM name: SMF42FSA) Total number of CI splits for this interval (across the sysplex).
zFSB	INT	4	(IBM name: SMF42FSB) Total number of CA splits for this interval (across the sysplex).
<i>SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.zDASumm.<fieldname></i>			
zFCA	INT	4	(IBM name: SMF42FCA) Coupling facility cache partition number.
zFCB	INT	4	(IBM name: SMF42FCB) Total number of direct access requests.
zFCC	INT	4	(IBM name: SMF42FCC) Total number of Read requests - no read integrity.
zFCD	INT	4	

			(IBM name: SMF42FCD) Total number of Read Requests - Consistent reads.
zFCE	INT	4	(IBM name: SMF42FCE) Total number of Write requests.
zFCF	INT	4	(IBM name: SMF42FCF) Number of direct access BMF requests.
zFCG	INT	4	(IBM name: SMF42FCG) Number of direct access BMF Read Requests.
zFCH	INT	4	(IBM name: SMF42FCH) Number of direct access BMF Write requests.
zFCI	INT	4	(IBM name: SMF42FCI) Number of direct access BMF Read hits.
zFCJ	INT	4	(IBM name: SMF42FCJ) Number of BMF valid Read hits.
zFCK	INT	4	(IBM name: SMF42FCK) Number of BMF false invalids.
zFCL	INT	4	(IBM name: SMF42FCL) Number of requests processed by the sysplex cache manager.
zFCM	INT	4	(IBM name: SMF42FCM) Number of CF Read requests.
zFCN	INT	4	(IBM name: SMF42FCN) Number of CF Write requests.
zFCO	INT	4	(IBM name: SMF42FCO) Number of CF Read hits
zFCP	INT	4	(IBM name: SMF42FCP) Number of Read castins
zFCQ	INT	8	(IBM name: SMF42FCQ) Number of bytes transferred into the DFSMS cache structure.
zFCR	INT	4	(IBM name: SMF42FCR) Number of READ real I/O requests to DASD.
zFCS	INT	4	(IBM name: SMF42FCS) Number of WRITE real I/O requests to DASD.
zFCT	INT	8	(IBM name: SMF42FCT) Total number of bytes transferred for all direct access requests where the data was retrieved from DASD.
zFCU	INT	8	(IBM name: SMF42FCU) Number of DASD for the write requests.
zFCV	CHAR	16	(IBM name: SMF42FCV) Reserved.
zFCW	FIXED	8 (20,3)	(IBM name: SMF42FCW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zFCX	FIXED	4 (10,3)	(IBM name: SMF42FCX) Average response time for all of the requests in this interval (total time/number of requests).
zFCY	FIXED	4 (10,3)	(IBM name: SMF42FCY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFCZ	CHAR	8	(IBM name: SMF42FCZ) Reserved.
zFC7	CHAR	32	(IBM name: SMF42FC7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.zDAREDOSumm.<fieldname>

zFDA	INT	4	(IBM name: SMF42FDA) Coupling facility Cache partition number (RE-DO).
zFDB	INT	4	

			(IBM name: SMF42FDB) Total number of requests to DASD (RE-DO).
zFDC	INT	4	(IBM name: SMF42FDC) Number of read requests - NRI protocol (No Read Integrity) (RE-DO).
zFDD	INT	4	(IBM name: SMF42FDD) Number of read requests - Consistent read protocol (RE-DO).
zFDE	INT	4	(IBM name: SMF42FDE) Number of WRITE requests (RE-DO).
zFDF	INT	4	(IBM name: SMF42FDF) Number of direct access BMF requests (RE-DO).
zFDG	INT	4	(IBM name: SMF42FDG) Number of direct access BMF Read requests (RE-DO).
zFDH	INT	4	(IBM name: SMF42FDH) Number of direct access BMF Write requests (RE-DO).
zFDI	INT	4	(IBM name: SMF42FDI) Number of direct access BMF read hits (RE-DO).
zFDJ	INT	4	(IBM name: SMF42FDJ) Number of direct access BMF valid read hits (RE-DO).
zFDK	INT	4	(IBM name: SMF42FDK) Number of BMF false invalids (RE-DO).
zFDL	INT	4	(IBM name: SMF42FDL) Number of requests processed by the Sysplex Cache Manager
zFDM	INT	4	(IBM name: SMF42FDM) Number of CF cache structure Read requests (RE-DO).
zFDN	INT	4	(IBM name: SMF42FDN) Number of CF cache structure Write requests (RE-DO).
zFDO	INT	4	(IBM name: SMF42FDO) Number of CF cache structure read hits (RE-DO).
zFDP	INT	4	(IBM name: SMF42FDP) Number of CF cache structure read castins (RE-DO).
zFDQ	INT	8	(IBM name: SMF42FDQ) Number of bytes transferred into DFSMS cache structure (RE-DO).
zFDR	INT	4	(IBM name: SMF42FDR) Number of READ real I/O direct requests to DASD (RE-DO).
zFDS	INT	4	(IBM name: SMF42FDS) Number of WRITE real I/O direct requests to DASD (RE-DO).
zFDT	INT	8	(IBM name: SMF42FDT) Total number of bytes transferred to DASD for the read requests.
zFDU	INT	8	(IBM name: SMF42FDU) Total number of bytes transferred to DASD for the write requests.
zFDV	CHAR	16	(IBM name: SMF42FDV) Reserved. (RE-DO)
zFDW	FIXED	8 (20,3)	(IBM name: SMF42FDW) Total amount of time, in milli seconds, for all direct access requests in this interval (RE-DO).
zFDX	FIXED	4 (10,3)	(IBM name: SMF42FDX) Average response time for all of the direct access requests in this interval (total time/number of requests) (RE-DO).
zFDY	FIXED	4 (10,3)	(IBM name: SMF42FDY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K) (RE-DO).
zFDZ	CHAR	8	(IBM name: SMF42FDZ) Reserved.
zFD7	CHAR	32	(IBM name: SMF42FD7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.zSASumm.<fieldname>

zFEA	INT	4	(IBM name: SMF42FEA) Coupling facility cache partition number.
zFEB	INT	4	(IBM name: SMF42FEB) Total number of requests.
zFEC	INT	4	(IBM name: SMF42FEC) Total number of read requests - NRI protocol (No Read Integrity).
zFED	INT	4	(IBM name: SMF42FED) Total number of read requests - Consistent read protocol.
zFEE	INT	4	(IBM name: SMF42FEE) Total number of WRITE requests.
zFEF	INT	4	(IBM name: SMF42FEF) Number of sequential access BMF requests.
zFEG	INT	4	(IBM name: SMF42FEG) Total number of sequential access BMF Read requests.
zFEH	INT	4	(IBM name: SMF42FEH) Total number of sequential access BMF Write requests.
zFEI	INT	4	(IBM name: SMF42FEI) Number of sequential access BMF read hits.
zFEJ	INT	4	(IBM name: SMF42FEJ) Number of sequential access BMF valid read hits.
zFEK	INT	4	(IBM name: SMF42FEK) Number of sequential access BMF false invalids.
zFEL	INT	4	(IBM name: SMF42FEL) Number of sequential access requests processed by the Sysplex Cache Manager
zFEM	INT	4	(IBM name: SMF42FEM) Number of sequential access CF cache structure read requests.
zFEN	INT	4	(IBM name: SMF42FEN) Number of sequential access CF cache structure Write requests.
zFEO	INT	4	(IBM name: SMF42FEO) Number of sequential access CF cache structure read hits.
zFEP	INT	4	(IBM name: SMF42FEP) Number of sequential access CF cache structure read castins.
zFEQ	INT	8	(IBM name: SMF42FEQ) Number of bytes transferred into the DFSMS CF cache structure.
zFER	INT	4	(IBM name: SMF42FER) Number of READ real I/O sequential requests to DASD.
zFES	INT	4	(IBM name: SMF42FES) Number of WRITE real I/O sequential requests to DASD.
zFET	INT	8	(IBM name: SMF42FET) Total number of bytes transferred to DASD for the read requests.
zFEU	INT	8	(IBM name: SMF42FEU) Total number of bytes transferred to DASD for the write requests.
zFEV	CHAR	16	(IBM name: SMF42FEV) Reserved.
zFEW	FIXED	8 (20,3)	(IBM name: SMF42FEW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zFEX	FIXED	4 (10,3)	(IBM name: SMF42FEX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zFEY	FIXED	4 (10,3)	(IBM name: SMF42FEY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFEZ	CHAR	8	(IBM name: SMF42FEZ) Reserved.
zFE7	CHAR	32	

			(IBM name: SMF42FE7) Reserved.
SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.zSAREDOSumm.<fieldname>			
zFFA	INT	4	(IBM name: SMF42FFA) Coupling facility cache partition number.
zFFB	INT	4	(IBM name: SMF42FFB) Total number of sequential access requests. (RE-DO)
zFFC	INT	4	(IBM name: SMF42FFC) Number of read requests - NRI protocol (No Read Integrity) (RE-DO).
zFFD	INT	4	(IBM name: SMF42FFD) Number of read requests - Consistent read protocol. (RE-DO)
zFFE	INT	4	(IBM name: SMF42FFE) Number of sequential access Write requests. (RE-DO)
zFFF	INT	4	(IBM name: SMF42FFF) Number of sequential access BMF requests. (RE-DO)
zFFG	INT	4	(IBM name: SMF42FFG) Number of sequential access BMF Read requests. (RE-DO)
zFFH	INT	4	(IBM name: SMF42FFH) Number of sequential access BMF Write requests. (RE-DO)
zFFI	INT	4	(IBM name: SMF42FFI) Number of sequential access BMF read hits. (RE-DO)
zFFJ	INT	4	(IBM name: SMF42FFJ) Number of sequential access BMF valid read hits. (RE-DO)
zFFK	INT	4	(IBM name: SMF42FFK) Number of sequential access BMF false invalids. (RE-DO)
zFFL	INT	4	(IBM name: SMF42FFL) Number of sequential access requests processed by the Sysplex Cache Manager. (RE-DO)
zFFM	INT	4	(IBM name: SMF42FFM) Number of sequential access CF cache structure Read requests. (RE-DO)
zFFN	INT	4	(IBM name: SMF42FFN) Number of sequential access CF cache structure Write requests. (RE-DO)
zFFO	INT	4	(IBM name: SMF42FFO) Number of sequential access CF cache structure read hits. (RE-DO)
zFFP	INT	4	(IBM name: SMF42FFP) Number of sequential access CF cache structure read castins. (RE-DO)
zFFQ	INT	8	(IBM name: SMF42FFQ) Number of bytes transferred into the DFSMS cache structure (RE-DO).
zFFR	INT	4	(IBM name: SMF42FFR) Total number of READ real I/O sequential requests to DASD. (RE-DO)
zFFS	INT	4	(IBM name: SMF42FFS) Total number of WRITE real I/O sequential requests to DASD. (RE-DO)
zFFT	INT	8	(IBM name: SMF42FFT) Total number of bytes transferred to DASD for the read requests.
zFFU	INT	8	(IBM name: SMF42FFU) Total number of bytes transferred to DASD for the write requests.
zFFV	CHAR	16	(IBM name: SMF42FFV) Reserved.
zFFW	FIXED	8 (20,3)	(IBM name: SMF42FFW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zFFX	FIXED	4 (10,3)	(IBM name: SMF42FFX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zFFY	FIXED	4 (10,3)	(IBM name: SMF42FFY) Normalized response time for all of the requests in this interval (total

			time/number of bytes transferred/4K). (RE-DO)
zFFZ	CHAR	8	(IBM name: SMF42FFZ) Reserved.
zFF7	CHAR	32	(IBM name: SMF42FF7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.zSARASumm.<fieldname>			
zFGA	INT	4	(IBM name: SMF42FGA) Coupling facility cache partition number.
zFGB	INT	4	(IBM name: SMF42FGB) Total number of real I/O sequential requests to DASD. (read ahead)
zFGC	INT	4	(IBM name: SMF42FGC) Number of read requests - NRI protocol (No Read Integrity) (READ-AHEAD).
zFGD	INT	4	(IBM name: SMF42FGD) Number of read requests - Consistent read protocol (READ-AHEAD).
zFGE	INT	4	(IBM name: SMF42FGE) Number of Write requests. (READ-AHEAD)
zFGF	INT	4	(IBM name: SMF42FGF) Number of sequential access BMF requests. (READ-AHEAD)
zFGG	INT	4	(IBM name: SMF42FGG) Number of sequential access BMF Read requests. (READ-AHEAD)
zFGH	INT	4	(IBM name: SMF42FGH) Number of sequential access BMF Write requests. (READ-AHEAD)
zFGI	INT	4	(IBM name: SMF42FGI) Number of sequential access BMF read hits. (read ahead)
zFGJ	INT	4	(IBM name: SMF42FGJ) Number of sequential access BMF valid read hits. (read ahead)
zFGK	INT	4	(IBM name: SMF42FGK) Number of BMF false invalids. (read ahead)
zFGL	INT	4	(IBM name: SMF42FGL) Number of requests processed by the sysplex cache manager. (read ahead)
zFGM	INT	4	(IBM name: SMF42FGM) Number of sequential access CF cache structure Read requests. (read ahead)
zFGN	INT	4	(IBM name: SMF42FGN) Number of sequential access CF cache structure Write requests. (read ahead)
zFGO	INT	4	(IBM name: SMF42FGO) Number of sequential access CF cache structure read hits. (read ahead)
zFGP	INT	4	(IBM name: SMF42FGP) Number of sequential access CF cache structure read castins. (read ahead)
zFGQ	INT	8	(IBM name: SMF42FGQ) Total number of bytes transferred into the DFSMS cache structure for all sequential access requests. (read ahead)
zFGR	INT	4	(IBM name: SMF42FGR) Total number of READ real I/O sequential requests to DASD (READ-AHEAD).
zFGS	INT	4	(IBM name: SMF42FGS) Total number of WRITE real I/O sequential requests to DASD (READ-AHEAD).
zFGT	INT	8	(IBM name: SMF42FGT) Total number of bytes transferred to DASD for the read requests.
zFGU	INT	8	(IBM name: SMF42FGU) Total number of bytes transferred to DASD for the write requests.
zFGV	CHAR	16	

			(IBM name: SMF42FGV) Reserved.
zFGW	FIXED	8 (20,3)	(IBM name: SMF42FGW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zFGX	FIXED	4 (10,3)	(IBM name: SMF42FGX) Average response time for all of the sequential access (read ahead) requests in this interval. (total time/number of requests)
zFGY	FIXED	4 (10,3)	(IBM name: SMF42FGY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)
zFGZ	CHAR	8	(IBM name: SMF42FGZ) Reserved.
zFG7	CHAR	32	(IBM name: SMF42FG7) Reserved.

SMF042#15_VSAM_RLS_StorClass_SysplexWide_64.zSAPFSumm.<fieldname>

zFHA	INT	4	(IBM name: SMF42FHA) Coupling facility cache partition number.
zFHB	INT	4	(IBM name: SMF42FHB) Total number of real I/O sequential requests to DASD. (pre-format)
zFHC	INT	4	(IBM name: SMF42FHC) Number of read requests - NRI protocol (No Read Integrity) (PRE-FORMAT).
zFHD	INT	4	(IBM name: SMF42FHD) Number of read requests - Consistent read protocol (PRE-FORMAT).
zFHE	INT	4	(IBM name: SMF42FHE) Number of Write requests. (PRE-FORMAT)
zFHF	INT	4	(IBM name: SMF42FHF) Number of sequential access BMF requests. (PRE-FORMAT)
zFHG	INT	4	(IBM name: SMF42FHG) Number of sequential access BMF Read requests. (PRE-FORMAT)
zFHH	INT	4	(IBM name: SMF42FHH) Number of sequential access BMF Write requests. (PRE-FORMAT)
zFHI	INT	4	(IBM name: SMF42FHI) Number of sequential access BMF read hits. (pre-format)
zFHJ	INT	4	(IBM name: SMF42FHJ) Number of sequential access BMF valid read hits. (pre-format)
zFHK	INT	4	(IBM name: SMF42FHK) Number of BMF false invalids. (pre-format)
zFHL	INT	4	(IBM name: SMF42FHL) Number of sequential access CF Cache structure Requests. (pre-format)
zFHM	INT	4	(IBM name: SMF42FHM) Number of sequential access CF Cache structure Read Requests. (pre-format)
zFHN	INT	4	(IBM name: SMF42FHN) Number of sequential access CF Cache structure Write Requests. (pre-format)
zFHO	INT	4	(IBM name: SMF42FHO) Number of sequential access CF cache structure read hits. (pre-format)
zFHP	INT	4	(IBM name: SMF42FHP) Number of sequential access CF cache structure read castins. (pre-format)
zFHQ	INT	8	(IBM name: SMF42FHQ) Number of sequential access CF cache structure bytes transferred. (pre-format)
zFHR	INT	4	(IBM name: SMF42FHR) Total number of READ real I/O sequential requests to DASD. (pre-format)
zFHS	INT	4	

			(IBM name: SMF42FHS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zFHT	INT	8	(IBM name: SMF42FHT) Total number of bytes transferred to DASD for the read requests.
zFHU	INT	8	(IBM name: SMF42FHU) Total number of bytes transferred to DASD for the write requests.
zFHV	CHAR	16	(IBM name: SMF42FHV) Reserved.
zFHW	FIXED	8 (20,3)	(IBM name: SMF42FHW) Total amount of time, in milli seconds, for all sequential access (pre-format) requests in this interval.
zFHX	FIXED	4 (10,3)	(IBM name: SMF42FHX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zFHY	FIXED	4 (10,3)	(IBM name: SMF42FHY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
zFHZ	CHAR	8	(IBM name: SMF42FHZ) Reserved.
zFH7	CHAR	32	(IBM name: SMF42FH7) Reserved.
zFOA	INT	4	(IBM name: SMF42FOA) Number of record lock requests (obtain/alter/promote).
zFOB	INT	4	(IBM name: SMF42FOB) Number of record lock requests that cause true contention.
zFOC	INT	4	(IBM name: SMF42FOC) Number of record lock requests that cause false contention.
zFOD	INT	4	(IBM name: SMF42FOD) Number of record lock release requests.
zFOE	INT	4	(IBM name: SMF42FOE) Number of component_1 type lock requests.
zFOF	INT	4	(IBM name: SMF42FOF) Number of component_1 type release lock requests.
zFUA	INT	4	(IBM name: SMF42FUA) Accumulation of waiters for record lock.
zFUB	INT	4	(IBM name: SMF42FUB) Number of record locks hashed to the same hash table entry.
zFOH	INT	4	(IBM name: SMF42FOH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zFOI	INT	4	(IBM name: SMF42FOI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zFOJ	INT	4	(IBM name: SMF42FOJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zFOK	INT	4	(IBM name: SMF42FOK) Number of component_1 class_1 (DIWA) release lock requests.
zFOL	INT	4	(IBM name: SMF42FOL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zFOM	INT	4	(IBM name: SMF42FOM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zFON	INT	4	(IBM name: SMF42FON) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zFOO	INT	4	(IBM name: SMF42FOO) Number of component_1 class_2 (UPGRADE) release lock requests.
zFOP	INT	4	(IBM name: SMF42FOP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).

zFOQ	INT	4	(IBM name: SMF42FOQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zFOR	INT	4	(IBM name: SMF42FOR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zFOS	INT	4	(IBM name: SMF42FOS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zFOT	INT	4	(IBM name: SMF42FOT) Number of component_2 lock requests (obtain/alter/ promote).
zFOU	INT	4	(IBM name: SMF42FOU) Number of component_2 locks that cause true contention.
zFOV	INT	4	(IBM name: SMF42FOV) Number of component_2 locks that cause false contention.
zFOW	INT	4	(IBM name: SMF42FOW) Number of component_2 release lock requests.
zFUD	INT	4	(IBM name: SMF42FUD) Accumulation of waiters for DIWA lock.
zFUE	INT	4	(IBM name: SMF42FUE) Accumulation of waiters for UPGRADE lock.
zFUF	INT	4	(IBM name: SMF42FUF) Accumulation of waiters for COMP2 lock.
zFUG	INT	4	(IBM name: SMF42FUG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zFPH	INT	4	(IBM name: SMF42FPH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zFPI	INT	4	(IBM name: SMF42FPI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zFPJ	INT	4	(IBM name: SMF42FPJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zFPK	INT	4	(IBM name: SMF42FPK) Number of component_1 class 4 (INDEX Record) release lock requests.
zFPR	FIXED	8 (20,3)	(IBM name: SMF42FPR) Total time all thread requests.
zFPS	INT	4	(IBM name: SMF42FPS) Total number of all thread requests.
zFPT	CHAR	4	(IBM name: SMF42FPT) Reserved.
zFPU	FIXED	4 (10,3)	(IBM name: SMF42FPU) Average response time for all of the thread requests in the interval. (Total time/number of thread requests).
zFPV	FIXED	4 (10,3)	(IBM name: SMF42FPV) Normalized response time for all of the thread requests in the interval. (Total time/number of bytes transferred/4K).
zFPW	CHAR	8	(IBM name: SMF42FPW) Reserved.
zFAI	CHAR	16	(IBM name: SMF42FAI) Lock structure name.
zFAJ	CHAR	8	(IBM name: SMF42FAJ) Lock set.

Secondary segment: **SMF042#15_VSAM_RLS_StorClass_CF_SYS_64**

Field Name	Type	Len	Description
<i>SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.<fieldname></i>			
zFBA	INT	4	(IBM name: SMF42FBA) Interval length. This is the total length, in seconds, of the measurement period.
zF03	CHAR	12	(IBM name: SMF42F03) Indicates if DFSMS greater than 4K CF caching is active. Value is GT4KACTIVE or GT4KNOTACT.
zFBB	INT	2	(IBM name: SMF42FBB) Length of the storage class name.
zFBC	CHAR	30	(IBM name: SMF42FBC) Storage class name.
zF04	INT	2	(IBM name: SMF42F04) Cache Set Name Length
zFBD	CHAR	30	(IBM name: SMF42FBD) DFSMS Cache Set name.
zFBE	CHAR	8	(IBM name: SMF42FBE) MVS system name.
zF05	CHAR	8	(IBM name: SMF42F05) Reserved.
zFBF	CHAR	2	(IBM name: SMF42FBF) Reserved.
zFBG	CHAR	30	(IBM name: SMF42FBG) DFP CF cache structure name.
zFBH	INT	4	(IBM name: SMF42FBH) Number of lock requests processed.
zFBI	INT	4	(IBM name: SMF42FBI) Number of true contention lock requests.
zFBJ	INT	4	(IBM name: SMF42FBJ) Number of false contention lock requests.
zFB2	INT	2	(IBM name: SMF42FB2) SMS Direct Weight
zFB3	INT	2	(IBM name: SMF42FB3) SMS Sequential Weight
zFBL	CHAR	8	(IBM name: SMF42FBL) Reserved.
zFTA	INT	4	(IBM name: SMF42FTA) Total number of CI splits for this interval.
zFTB	INT	4	(IBM name: SMF42FTB) Total number of CA splits for this interval.

<i>SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.zDASumm.<fieldname></i>			
zFIA	INT	4	(IBM name: SMF42FIA) Coupling facility cache partition number.
zFIB	INT	4	(IBM name: SMF42FIB) Number of direct requests.
zFIC	INT	4	(IBM name: SMF42FIC) Number of read requests - NRI protocol (No Read Integrity).
zFID	INT	4	(IBM name: SMF42FID) Number of read requests - Consistent read protocol.
zFIE	INT	4	(IBM name: SMF42FIE) Number of Write requests.
zFIF	INT	4	(IBM name: SMF42FIF) Number of direct access BMF requests.

zFIG	INT	4	(IBM name: SMF42FIG) Number of direct access BMF Read requests.
zFIH	INT	4	(IBM name: SMF42FIH) Number of direct access BMF Write requests.
zFII	INT	4	(IBM name: SMF42FII) Number of direct access BMF read hits.
zFIJ	INT	4	(IBM name: SMF42FIJ) Number of direct access BMF valid read hits.
zFIK	INT	4	(IBM name: SMF42FIK) Number of BMF false invalids.
zFIL	INT	4	(IBM name: SMF42FIL) Number of direct access CF Cache structure requests.
zFIM	INT	4	(IBM name: SMF42FIM) Number of direct access CF cache structure Read requests.
zFIN	INT	4	(IBM name: SMF42FIN) Number of direct access CF cache structure Write requests.
zFIO	INT	4	(IBM name: SMF42FIO) Number of direct access CF cache structure read hits.
zFIP	INT	4	(IBM name: SMF42FIP) Number of direct access CF cache structure read castins.
zFIQ	INT	8	(IBM name: SMF42FIQ) Number of direct access CF cache structure bytes transferred.
zFIR	INT	4	(IBM name: SMF42FIR) Number of READ real I/O direct requests to DASD.
zFIS	INT	4	(IBM name: SMF42FIS) Number of WRITE real I/O direct requests to DASD.
zFIT	INT	8	(IBM name: SMF42FIT) Total number of bytes transferred to DASD for the read requests.
zFIU	INT	8	(IBM name: SMF42FIU) Total number of bytes transferred to DASD for the write requests.
zFIV	CHAR	16	(IBM name: SMF42FIV) Reserved.
zFIW	FIXED	8 (20,3)	(IBM name: SMF42FIW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zFIX	FIXED	4 (10,3)	(IBM name: SMF42FIX) Average response time for all of the requests in this interval (total time/number of requests).
zFIY	FIXED	4 (10,3)	(IBM name: SMF42FIY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFIZ	CHAR	8	(IBM name: SMF42FIZ) Reserved.
zFI7	CHAR	32	(IBM name: SMF42FI7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.zDAREDOSumm.<fieldname>

zFJA	INT	4	(IBM name: SMF42FJA) Coupling facility cache partition number.
zFJB	INT	4	(IBM name: SMF42FJB) Total number of direct access requests. (RE-DO)
zFJC	INT	4	(IBM name: SMF42FJC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zFJD	INT	4	(IBM name: SMF42FJD) Number of read requests - Consistent read protocol. (RE-DO)
zFJE	INT	4	(IBM name: SMF42FJE) Number of Write requests. (RE-DO)

zFJF	INT	4	(IBM name: SMF42FJF) Number of direct access BMF requests. (RE-DO)
zFJG	INT	4	(IBM name: SMF42FJG) Number of direct access BMF Read requests. (RE-DO)
zFJH	INT	4	(IBM name: SMF42FJH) Number of direct access BMF Write requests. (RE-DO)
zFJI	INT	4	(IBM name: SMF42FJI) Number of direct access BMF read hits. (RE-DO)
zFJJ	INT	4	(IBM name: SMF42FJJ) Number of direct access BMF valid read hits. (RE-DO)
zFJK	INT	4	(IBM name: SMF42FJK) Number of BMF false invalids. (RE-DO)
zFJL	INT	4	(IBM name: SMF42FJL) Number of direct access CF cache structure requests. (RE-DO)
zFJM	INT	4	(IBM name: SMF42FJM) Number of direct access CF cache structure Read requests. (RE-DO)
zFJN	INT	4	(IBM name: SMF42FJN) Number of direct access CF cache structure Write requests. (RE-DO)
zFJO	INT	4	(IBM name: SMF42FJO) Number of direct access CF cache structure read hits. (RE-DO)
zFJP	INT	4	(IBM name: SMF42FJP) Number of direct access CF cache structure read castins. (RE-DO)
zFJQ	INT	8	(IBM name: SMF42FJQ) Number of direct access CF cache structure bytes transferred. (RE-DO)
zFJR	INT	4	(IBM name: SMF42FJR) Total number of READ real I/O direct requests to DASD. (RE-DO)
zFJS	INT	4	(IBM name: SMF42FJS) Total number of WRITE real I/O direct requests to DASD. (RE-DO)
zFJT	INT	8	(IBM name: SMF42FJT) Total number of bytes transferred to DASD for the read requests.
zFJU	INT	8	(IBM name: SMF42FJU) Total number of bytes transferred to DASD for the write requests.
zFJV	CHAR	16	(IBM name: SMF42FJV) Reserved.
zFJW	FIXED	8 (20,3)	(IBM name: SMF42FJW) Total amount of time, in milli seconds, for all direct access. (RE-DO) requests in this interval.
zFJX	FIXED	4 (10,3)	(IBM name: SMF42FJX) Average response time for all of the direct access requests in this interval (total time/number of requests). (RE-DO)
zFJY	FIXED	4 (10,3)	(IBM name: SMF42FJY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)
zFJZ	CHAR	8	(IBM name: SMF42FJZ) Reserved.
zFJ7	CHAR	32	(IBM name: SMF42FJ7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.zSASumm.<fieldname>

zFKA	INT	4	(IBM name: SMF42FKA) Coupling facility cache partition number.
zFKB	INT	4	(IBM name: SMF42FKB) Total number of sequential access requests.
zFKC	INT	4	(IBM name: SMF42FKC) Number of read requests - NRI protocol (No Read Integrity).
zFKD	INT	4	(IBM name: SMF42FKD) Number of read requests - Consistent read protocol.

zFKE	INT	4	(IBM name: SMF42FKE) Number of Write requests.
zFKF	INT	4	(IBM name: SMF42FKF) Number of sequential access BMF requests.
zFKG	INT	4	(IBM name: SMF42FKG) Number of sequential access BMF Read requests.
zFKH	INT	4	(IBM name: SMF42FKH) Number of sequential access BMF Write requests.
zFKI	INT	4	(IBM name: SMF42FKI) Number of sequential access BMF read hits.
zFKJ	INT	4	(IBM name: SMF42FKJ) Number of sequential access BMF valid read hits.
zFKK	INT	4	(IBM name: SMF42FKK) Number of sequential BMF false invalids.
zFKL	INT	4	(IBM name: SMF42FKL) Number of sequential access CF cache structure requests.
zFKM	INT	4	(IBM name: SMF42FKM) Number of sequential access CF cache structure Read requests.
zFKN	INT	4	(IBM name: SMF42FKN) Number of sequential access CF cache structure Write requests.
zFKO	INT	4	(IBM name: SMF42FKO) Number of sequential access CF cache structure read hits.
zFKP	INT	4	(IBM name: SMF42FKP) Number of sequential access CF cache structure read castins.
zFKQ	INT	8	(IBM name: SMF42FKQ) Number of sequential access CF cache structure bytes transferred.
zFKR	INT	4	(IBM name: SMF42FKR) Total number of READ real I/O sequential requests to DASD.
zFKS	INT	4	(IBM name: SMF42FKS) Total number of WRITE real I/O sequential requests to DASD.
zFKT	INT	8	(IBM name: SMF42FKT) Total number of bytes transferred to DASD for the read requests.
zFKU	INT	8	(IBM name: SMF42FKU) Total number of bytes transferred to DASD for the write requests.
zFKV	CHAR	16	(IBM name: SMF42FKV) Reserved.
zFKW	FIXED	8 (20,3)	(IBM name: SMF42FKW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zFKX	FIXED	4 (10,3)	(IBM name: SMF42FKX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zFKY	FIXED	4 (10,3)	(IBM name: SMF42FKY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).
zFKZ	CHAR	8	(IBM name: SMF42FKZ) Reserved.
zFK7	CHAR	32	(IBM name: SMF42FK7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.zSAREDOSumm.<fieldname>

zFLA	INT	4	(IBM name: SMF42FLA) Coupling facility cache partition number.
zFLB	INT	4	(IBM name: SMF42FLB) Total number of sequential access requests. (RE-DO)
zFLC	INT	4	(IBM name: SMF42FLC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)

zFLD	INT	4	(IBM name: SMF42FLD) Number of read requests - Consistent read protocol. (RE-DO)
zFLE	INT	4	(IBM name: SMF42FLE) Number of Write requests. (RE-DO)
zFLF	INT	4	(IBM name: SMF42FLF) Number of sequential access BMF requests. (RE-DO)
zFL6	INT	4	(IBM name: SMF42FL6) Number of sequential access BMF Read requests. (RE-DO)
zFLH	INT	4	(IBM name: SMF42FLH) Number of sequential access BMF Write requests. (RE-DO)
zFLI	INT	4	(IBM name: SMF42FLI) Number of sequential access BMF read hits. (RE-DO)
zFLJ	INT	4	(IBM name: SMF42FLJ) Number of sequential access BMF valid read hits. (RE-DO)
zFLK	INT	4	(IBM name: SMF42FLK) Number of BMF false invalids. (RE-DO)
zFLL	INT	4	(IBM name: SMF42FLL) Total number of sequential access requests. (RE-DO)
zFLM	INT	4	(IBM name: SMF42FLM) Number of sequential access CF cache structure Read requests. (RE-DO)
zFLN	INT	4	(IBM name: SMF42FLN) Number of sequential access CF cache structure Write requests. (RE-DO)
zFLO	INT	4	(IBM name: SMF42FLO) Number of sequential access CF cache structure Read hits. (RE-DO)
zFLP	INT	4	(IBM name: SMF42FLP) Number of sequential access CF cache structure read castins. (RE-DO)
zFLQ	INT	8	(IBM name: SMF42FLQ) Number of sequential access CF cache structure bytes transferred. (RE-DO)
zFLR	INT	4	(IBM name: SMF42FLR) Total number of READ real I/O sequential requests to DASD. (RE-DO)
zFLS	INT	4	(IBM name: SMF42FLS) Total number of WRITE real I/O sequential requests to DASD. (RE-DO)
zFLT	INT	8	(IBM name: SMF42FLT) Total number of bytes transferred to DASD for the read requests.
zFLU	INT	8	(IBM name: SMF42FLU) Total number of bytes transferred to DASD for the write requests.
zFLV	CHAR	16	(IBM name: SMF42FLV) Reserved.
zFLW	FIXED	8 (20,3)	(IBM name: SMF42FLW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zFLX	FIXED	4 (10,3)	(IBM name: SMF42FLX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zFLY	FIXED	4 (10,3)	(IBM name: SMF42FLY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)
zFLZ	CHAR	8	(IBM name: SMF42FLZ) Reserved.
zFL7	CHAR	32	(IBM name: SMF42FL7) Reserved.

SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.zSARASumm.<fieldname>

zFMA	INT	4	(IBM name: SMF42FMA) Coupling facility cache partition number.
zFMB	INT	4	

			(IBM name: SMF42FMB) Total number of sequential access requests. (read ahead)
zFMC	INT	4	(IBM name: SMF42FMC) Number of read requests - NRI protocol (No Read Integrity). (read ahead)
zFMD	INT	4	(IBM name: SMF42FMD) Number of read requests - Consistent read protocol. (read ahead)
zFME	INT	4	(IBM name: SMF42FME) Number of Write requests. (read ahead)
zFMF	INT	4	(IBM name: SMF42FMF) Number of sequential access BMF requests. (read ahead)
zFMG	INT	4	(IBM name: SMF42FMG) Number of sequential access BMF Read requests. (read ahead)
zFMH	INT	4	(IBM name: SMF42FMH) Number of sequential access BMF Write requests. (read ahead)
zFMI	INT	4	(IBM name: SMF42FMI) Number of sequential access BMF read hits. (read ahead)
zFMJ	INT	4	(IBM name: SMF42FMJ) Number of sequential access BMF valid read hits. (read ahead)
zFMK	INT	4	(IBM name: SMF42FMK) Number of BMF false invalids. (read ahead)
zFML	INT	4	(IBM name: SMF42FML) Number of sequential access CF cache structure requests. (read ahead)
zFMM	INT	4	(IBM name: SMF42FMM) Number of sequential access CF cache structure Read requests. (read ahead)
zFMN	INT	4	(IBM name: SMF42FMN) Number of sequential access CF cache structure Write requests. (read ahead)
zFMO	INT	4	(IBM name: SMF42FMO) Number of sequential access CF cache structure read hits. (read ahead)
zFMP	INT	4	(IBM name: SMF42FMP) Number of sequential access CF cache structure read castins. (read ahead)
zFMQ	INT	8	(IBM name: SMF42FMQ) Number of sequential access CF cache structure bytes transferred. (read ahead)
zFMR	INT	4	(IBM name: SMF42FMR) Total number of READ real I/O sequential requests to DASD. (read ahead)
zFMS	INT	4	(IBM name: SMF42FMS) Total number of WRITE real I/O sequential requests to DASD. (read ahead)
zFMT	INT	8	(IBM name: SMF42FMT) Total number of bytes transferred to DASD for the read requests.
zFMU	INT	8	(IBM name: SMF42FMU) Total number of bytes transferred to DASD for the write requests.
zFMV	CHAR	16	(IBM name: SMF42FMV) Reserved.
zFMW	FIXED	8 (20,3)	(IBM name: SMF42FMW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zFMX	FIXED	4 (10,3)	(IBM name: SMF42FMX) Average response time for all of the sequential access (read ahead) requests in this interval (total time/number of requests).
zFMY	FIXED	4 (10,3)	(IBM name: SMF42FMY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)
zFMZ	CHAR	8	(IBM name: SMF42FMZ) Reserved.

zFM7	CHAR	32	(IBM name: SMF42FM7) Reserved.
SMF042#15_VSAM_RLS_StorClass_CF_SYS_64.zSAPFSumm.<fieldname>			
zFNA	INT	4	(IBM name: SMF42FNA) Coupling facility cache partition number.
zFNB	INT	4	(IBM name: SMF42FNB) Total number of sequential access requests. (Pre-format)
zFNC	INT	4	(IBM name: SMF42FNC) Number of read requests - NRI protocol (No Read Integrity). (Pre-format)
zFND	INT	4	(IBM name: SMF42FND) Number of read requests - Consistent read protocol. (Pre-format)
zFNE	INT	4	(IBM name: SMF42FNE) Number of Write requests. (Pre-format)
zFNF	INT	4	(IBM name: SMF42FNF) Number of sequential access BMF requests. (Pre-format)
zFNG	INT	4	(IBM name: SMF42FNG) Number of sequential access BMF Read requests. (Pre-format)
zFNH	INT	4	(IBM name: SMF42FNH) Number of sequential access BMF Write requests. (Pre-format)
zFNI	INT	4	(IBM name: SMF42FNI) Number of sequential access BMF read hits. (Pre-format)
zFNJ	INT	4	(IBM name: SMF42FNJ) Number of sequential access BMF valid read hits. (Pre-format)
zFNK	INT	4	(IBM name: SMF42FNK) Number of BMF false invalids. (Pre-format)
zFNL	INT	4	(IBM name: SMF42FNL) Number of sequential access CF cache structure requests. (Pre-format)
zFNM	INT	4	(IBM name: SMF42FNM) Number of sequential access CF cache structure Read requests. (Pre-format)
zFNN	INT	4	(IBM name: SMF42FNN) Number of sequential access CF cache structure Write requests. (read ahead)
zFNO	INT	4	(IBM name: SMF42FNO) Number of sequential access CF cache structure read hits. (read ahead)
zFNP	INT	4	(IBM name: SMF42FNP) Number of sequential access CF cache structure read castins. (Pre-format)
zFNQ	INT	8	(IBM name: SMF42FNQ) Number of sequential access CF cache structure bytes transferred. (Pre-format)
zFNR	INT	4	(IBM name: SMF42FNR) Total number of READ real I/O sequential requests to DASD. (Pre-format)
zFNS	INT	4	(IBM name: SMF42FNS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zFNT	INT	8	(IBM name: SMF42FNT) Total number of bytes transferred to DASD for the read requests.
zFNU	INT	8	(IBM name: SMF42FNU) Total number of bytes transferred to DASD for the write requests.
zFNV	CHAR	16	(IBM name: SMF42FNV) Reserved.
zFNW	FIXED	8 (20,3)	(IBM name: SMF42FNW) Total amount of time, in milli seconds, for all sequential access (pre-format) requests in this interval.
zFNX	FIXED	4 (10,3)	(IBM name: SMF42FNX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).

zFNY	FIXED	4 (10,3)	(IBM name: SMF42FNY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
zFNZ	CHAR	8	(IBM name: SMF42FNZ) Reserved.
zFN7	CHAR	32	(IBM name: SMF42FN7) Reserved.
zFRA	INT	4	(IBM name: SMF42FRA) Number of record lock requests (obtain/alter/promote).
zFRB	INT	4	(IBM name: SMF42FRB) Number of record lock requests that cause true contention.
zFRC	INT	4	(IBM name: SMF42FRC) Number of record lock requests that cause false contention.
zFRD	INT	4	(IBM name: SMF42FRD) Number of record lock release requests.
zFRE	INT	4	(IBM name: SMF42FRE) Number of component_1 type lock requests.
zFRF	INT	4	(IBM name: SMF42FRF) Number of component_1 type release lock requests.
zFVA	INT	4	(IBM name: SMF42FVA) Accumulation of waiters for record lock.
zFVB	INT	4	(IBM name: SMF42FVB) Number of record locks hashed to the same hash table entry.
zFRH	INT	4	(IBM name: SMF42FRH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zFRI	INT	4	(IBM name: SMF42FRI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zFRJ	INT	4	(IBM name: SMF42FRJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zFRK	INT	4	(IBM name: SMF42FRK) Number of component_1 class_1 (DIWA) release lock requests.
zFRL	INT	4	(IBM name: SMF42FRL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zFRM	INT	4	(IBM name: SMF42FRM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zFRN	INT	4	(IBM name: SMF42FRN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zFRO	INT	4	(IBM name: SMF42FRO) Number of component_1 class_2 (UPGRADE) release lock requests.
zFRP	INT	4	(IBM name: SMF42FRP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zFRQ	INT	4	(IBM name: SMF42FRQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zFRR	INT	4	(IBM name: SMF42FRR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zFRS	INT	4	(IBM name: SMF42FRS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zFRT	INT	4	(IBM name: SMF42FRT) Number of component_2 lock requests (obtain/alter/promote).
zFRU	INT	4	(IBM name: SMF42FRU) Number of component_2 locks that cause true contention.
zFRV	INT	4	(IBM name: SMF42FRV) Number of component_2 locks that cause false contention.

zFRW	INT	4	(IBM name: SMF42FRW) Number of component_2 release lock requests.
zFVD	INT	4	(IBM name: SMF42FVD) Accumulation of waiters for DIWA lock.
zFVE	INT	4	(IBM name: SMF42FVE) Accumulation of waiters for UPGRADE lock.
zFVF	INT	4	(IBM name: SMF42FVF) Accumulation of waiters for COMP2 lock.
zFVG	INT	4	(IBM name: SMF42FVG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zFSH	INT	4	(IBM name: SMF42FSH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zFSI	INT	4	(IBM name: SMF42FSI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zFSJ	INT	4	(IBM name: SMF42FSJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zFSK	INT	4	(IBM name: SMF42FSK) Number of component_1 class 4 (INDEX Record) release lock requests.
zFQR	FIXED	8 (20,3)	(IBM name: SMF42FQR) Total time all thread requests.
zFQS	INT	4	(IBM name: SMF42FQS) Total number of all thread requests.
zFQT	CHAR	4	(IBM name: SMF42FQT) Reserved.
zFQU	FIXED	4 (10,3)	(IBM name: SMF42FQU) Average response time for all of the thread requests in the interval. (Total time/number of thread requests)
zFQV	FIXED	4 (10,3)	(IBM name: SMF42FQV) Normalized response time for all of the thread requests in the interval. (Total time/number of bytes transferred/4K)
zFQW	CHAR	8	(IBM name: SMF42FQW) Reserved.
zFBM	CHAR	16	(IBM name: SMF42FBM) Lock structure name.
zFBN	CHAR	8	(IBM name: SMF42FBN) Lock set.

Record Type 42 Subtype 16 - VSAM RLS CF Data Set Response Time

Primary Segment:

- SMF042#16_DFSMS

Secondary Segment(s): 5 (in alphabetical order)

- SMF042#16_Product_Section
- SMF042#16_VSAM_RLS_Dataset_CF_SYS
- SMF042#16_VSAM_RLS_Dataset_CF_SYS_64
- SMF042#16_VSAM_RLS_Dataset_SysplexWide
- SMF042#16_VSAM_RLS_Dataset_SysplexWide_64

Primary segment: SMF042#16_DFSMS

Field Name	Type	Len	Description
SMF042#16_DFSMS.<fieldname>			
SMF042#16_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#16_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zGX1	INT	4	(IBM name: N/A) Offset to sysplex-wide data set summary section.
zGX2	INT	2	(IBM name: N/A) Length of sysplex-wide data set summary section.
zGX3	INT	2	(IBM name: N/A) Number of sysplex-wide data set summary sections.
zGX4	INT	4	(IBM name: N/A) Offset to data set, CF, SYS summary section.
zGX5	INT	2	(IBM name: N/A) Total length of all data set, CF, SYS summary sections.

zGX6	INT	2	(IBM name: SMF42GX6) Number of data set, CF, SYS summary sections.
zGX7	INT	4	(IBM name: N/A) Offset to sysplex-wide data set summary section.
zGX8	INT	2	(IBM name: N/A) Length of sysplex-wide data set summary section.
zGX9	INT	2	(IBM name: N/A) Number of sysplex-wide data set summary sections.
zGXA	INT	4	(IBM name: N/A) Offset to data set, CF, SYS summary section.
zGXB	INT	2	(IBM name: N/A) Total length of all data set, CF, SYS summary sections.
zGXC	INT	2	(IBM name: N/A) Number of data set, CF, SYS summary sections.

Secondary segment: **SMF042#16_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#16_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#16_VSAM_RLS_Dataset_SysplexWide**

Field Name	Type	Len	Description
<i>SMF042#16_VSAM_RLS_Dataset_SysplexWide.<fieldname></i>			
zGAA	INT	4	(IBM name: SMF42GAA) Interval length. This is the total time, in seconds, of the measurement period.
zGAB	CHAR	44	(IBM name: SMF42GAB) Data set name
zGAC	CHAR	44	(IBM name: SMF42GAC) VSAM sphere name.
zGAD	INT	2	(IBM name: SMF42GAD) Length of the storage class name.
zGAE	CHAR	30	(IBM name: SMF42GAE) Storage class name.
zA03	INT	2	(IBM name: SMF42A03) Length of DFSMS CacheSet name.

zGAF	CHAR	30	(IBM name: SMF42GAF) DFSMS CacheSet name.
zGAH	CHAR	30	(IBM name: SMF42GAH) DFP CF cache structure name.

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zGAI.<fieldname>

zGDATA	BIT	1	DATA component.
zGINDEX	BIT	1	INDEX component.

SMF042#16_VSAM_RLS_Dataset_SysplexWide.<fieldname>

zGAJ	CHAR	12	(IBM name: SMF42GAJ) Indicates DFSMS greater than 4K CF caching status. Value is ALL, NONE, UPDATESONLY, DIRONLY or GT4KNOTACT.
zGZ1	INT	2	(IBM name: SMF42GZ1) SMS Direct Weight.
zGZ2	INT	2	(IBM name: SMF42GZ2) SMS Sequential Weight.
zGAN	CHAR	8	(IBM name: SMF42GAN) In DFSMS 1.4 WLM Server class name
zGAO	CHAR	8	(IBM name: SMF42GAO) In DFSMS 1.4 WLM report class name
zGAP	CHAR	16	(IBM name: SMF42GAP) SMS data class name

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zDASumm.<fieldname>

zGCA	INT	4	(IBM name: SMF42GCA) Coupling facility cache partition number.
zGCB	INT	4	(IBM name: SMF42GCB) Total number of direct access requests.
zGCC	INT	4	(IBM name: SMF42GCC) Number of read requests - NRI protocol (No Read Integrity).
zGCD	INT	4	(IBM name: SMF42GCD) Number of read requests - Consistent read protocol.
zGCE	INT	4	(IBM name: SMF42GCE) Number of Write requests.
zCGF	INT	4	(IBM name: SMF42CGF) Number of direct access BMF requests.
zGCG	INT	4	(IBM name: SMF42GCG) Number of direct access BMF Read requests.
zGCH	INT	4	(IBM name: SMF42GCH) Number of direct access BMF Write requests.
zGCI	INT	4	(IBM name: SMF42GCI) Number of direct access BMF read hits.
zGCJ	INT	4	(IBM name: SMF42GCJ) Number of direct access BMF valid read hits.
zGCK	INT	4	(IBM name: SMF42GCK) Number of BMF false invalids.
zGCL	INT	4	(IBM name: SMF42GCL) Number of direct access CF cache structure requests.
zGCM	INT	4	(IBM name: SMF42GCM) Number of direct access CF cache structure Read requests.
zGCN	INT	4	(IBM name: SMF42GCN) Number of direct access CF cache structure Write requests.
zGCO	INT	4	(IBM name: SMF42GCO) Number of direct access CF cache structure read hits.
zGCP	INT	4	

			(IBM name: SMF42GCP) Number of direct access CF cache structure read castins.
zGCQ	INT	8	(IBM name: SMF42GCQ) Number of bytes transferred into the DFSMS cache structure.
zGCR	INT	4	(IBM name: SMF42GCR) Total number READ of real I/O direct requests to DASD.
zGCS	INT	4	(IBM name: SMF42GCS) Total number WRITE of real I/O direct requests to DASD.
zGCT	INT	8	(IBM name: SMF42GCT) Total number of bytes transferred to DASD for the read requests.
zGCU	INT	8	(IBM name: SMF42GCU) Total number of bytes transferred to DASD for the write requests.
zGCW	FIXED	8 (20,3)	(IBM name: SMF42GCW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zGCX	FIXED	4 (10,3)	(IBM name: SMF42GCX) Average response time for all of the requests in this interval (total time/number of requests).
zGCY	FIXED	4 (10,3)	(IBM name: SMF42GCY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zDAREDOSumm.<fieldname>

zGDA	INT	4	(IBM name: SMF42GDA) Coupling facility cache partition number.
zGDB	INT	4	(IBM name: SMF42GDB) Total number of direct access requests. (RE-DO)
zGDC	INT	4	(IBM name: SMF42GDC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGDD	INT	4	(IBM name: SMF42GDD) Number of read requests - Consistent read protocol. (RE-DO)
zGDE	INT	4	(IBM name: SMF42GDE) Number of Write requests. (RE-DO)
zGDF	INT	4	(IBM name: SMF42GDF) Number of direct access BMF requests. (RE-DO)
zGDG	INT	4	(IBM name: SMF42GDG) Number of direct access BMF Read requests. (RE-DO)
zGDH	INT	4	(IBM name: SMF42GDH) Number of direct access BMF Write requests. (RE-DO)
zGDI	INT	4	(IBM name: SMF42GDI) Number of direct access BMF read hits. (RE-DO)
zGDJ	INT	4	(IBM name: SMF42GDJ) Number of direct access BMF valid read hits. (RE-DO)
zGDK	INT	4	(IBM name: SMF42GDK) Number of BMF false invalids. (RE-DO)
zGDL	INT	4	(IBM name: SMF42GDL) Number of direct access CF cache structure requests. (RE-DO)
zGDM	INT	4	(IBM name: SMF42GDM) Number of direct access CF cache structure Read requests. (RE-DO)
zGDN	INT	4	(IBM name: SMF42GDN) Number of direct access CF cache structure Write requests. (RE-DO)
zGDO	INT	4	(IBM name: SMF42GDO) Number of direct access CF cache structure read hits. (RE-DO)
zGDP	INT	4	(IBM name: SMF42GDP) Number of direct access CF cache structure read castins. (RE-DO)
zGDQ	INT	8	(IBM name: SMF42GDQ) Number of direct access CF cache structure byte transferred. (RE-DO)

zGDR	INT	4	(IBM name: SMF42GDR) Total number of READ real I/O direct requests to DASD. (RE-DO)
zGDS	INT	4	(IBM name: SMF42GDS) Total number of WRITE real I/O direct requests to DASD. (RE-DO)
zGDT	INT	8	(IBM name: SMF42GDT) Total number of bytes transferred to DASD for the read requests.
zGDU	INT	8	(IBM name: SMF42GDU) Total number of bytes transferred to DASD for the write requests.
zGDW	FIXED	8 (20,3)	(IBM name: SMF42GDW) Total amount of time, in milli seconds, for all direct access (RE-DO) requests in this interval.
zGDX	FIXED	4 (10,3)	(IBM name: SMF42GDX) Average response time for all of the direct access (RE-DO) requests in this interval (total time/number of requests).
zGDY	FIXED	4 (10,3)	(IBM name: SMF42GDY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zSASumm.<fieldname>

zGEA	INT	4	(IBM name: SMF42GEA) Coupling facility cache partition number.
zGEB	INT	4	(IBM name: SMF42GEB) Total number of sequential access requests.
zGDC	INT	4	(IBM name: SMF42GDC) Number of read requests - NRI protocol (No Read Integrity).
zGED	INT	4	(IBM name: SMF42GED) Number of read requests - Consistent read protocol.
zGEE	INT	4	(IBM name: SMF42GEE) Number of Write requests.
zGEF	INT	4	(IBM name: SMF42GEF) Number of direct access BMF requests.
zGEG	INT	4	(IBM name: SMF42GEG) Number of direct access BMF Read requests.
zGEH	INT	4	(IBM name: SMF42GEH) Number of direct access BMF Write requests.
zGEI	INT	4	(IBM name: SMF42GEI) Number of direct access BMF read hits.
zGEJ	INT	4	(IBM name: SMF42GEJ) Number of direct access BMF valid read hits.
zGEK	INT	4	(IBM name: SMF42GEK) Number of BMF false invalids.
zGEL	INT	4	(IBM name: SMF42GEL) Number of direct access CF cache structure requests.
zGEM	INT	4	(IBM name: SMF42GEM) Number of direct access CF cache structure Read requests.
zGEN	INT	4	(IBM name: SMF42GEN) Number of direct access CF cache structure Write requests.
zGEO	INT	4	(IBM name: SMF42GEO) Number of direct access CF cache structure read hits.
zGEP	INT	4	(IBM name: SMF42GEP) Number of direct access CF cache structure read castins.
zGEQ	INT	8	(IBM name: SMF42GEQ) Number of direct access CF cache structure byte transferred.
zGER	INT	4	(IBM name: SMF42GER) Total number of READ real I/O sequential requests to DASD.
zGES	INT	4	(IBM name: SMF42GES) Total number of WRITE real I/O sequential requests to DASD.

zGET	INT	8	(IBM name: SMF42GET) Total number of bytes transferred to DASD for the read requests.
zGEU	INT	8	(IBM name: SMF42GEU) Total number of bytes transferred to DASD for the write requests.
zGEW	FIXED	8 (20,3)	(IBM name: SMF42GEW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zGEX	FIXED	4 (10,3)	(IBM name: SMF42GEX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zGEY	FIXED	4 (10,3)	(IBM name: SMF42GEY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zSAREDOSumm.<fieldname>

zGFA	INT	4	(IBM name: SMF42GFA) Coupling facility cache partition number.
zGFB	INT	4	(IBM name: SMF42GFB) Total number of direct access requests. (RE-DO)
zGFC	INT	4	(IBM name: SMF42GFC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGFD	INT	4	(IBM name: SMF42GFD) Number of read requests - Consistent read protocol. (RE-DO)
zGFE	INT	4	(IBM name: SMF42GFE) Number of Write requests.(RE-DO)
zGFF	INT	4	(IBM name: SMF42GFF) Number of direct access BMF requests. (RE-DO)
zGFG	INT	4	(IBM name: SMF42GFG) Number of direct access BMF Read requests. (RE-DO)
zGFH	INT	4	(IBM name: SMF42GFH) Number of direct access BMF Write requests. (RE-DO)
zGFI	INT	4	(IBM name: SMF42GFI) Number of direct access BMF read hits. (RE-DO)
zGFJ	INT	4	(IBM name: SMF42GFJ) Number of direct access BMF valid read hits. (RE-DO)
zGFK	INT	4	(IBM name: SMF42GFK) Number of BMF false invalids. (RE-DO)
zGFL	INT	4	(IBM name: SMF42GFL) Number of direct access CF cache structure requests. (RE-DO)
zGFM	INT	4	(IBM name: SMF42GFM) Number of direct access CF cache structure Read requests. (RE-DO)
zGFN	INT	4	(IBM name: SMF42GFN) Number of direct access CF cache structure Write requests. (RE-DO)
zGFO	INT	4	(IBM name: SMF42GFO) Number of direct access CF cache structure read hits. (RE-DO)
zGFP	INT	4	(IBM name: SMF42GFP) Number of direct access CF cache structure read castins. (RE-DO)
zGFQ	INT	8	(IBM name: SMF42GFQ) Number of direct access CF cache structure byte transferred. (RE-DO)
zGFR	INT	4	(IBM name: SMF42GFR) Total number of real READ I/O sequential requests to DASD. (RE-DO)
zGFS	INT	4	(IBM name: SMF42GFS) Total number of real WRITE I/O sequential requests to DASD. (RE-DO)
zGFT	INT	8	(IBM name: SMF42GFT) Total number of bytes transferred to DASD for the read requests.
zGFU	INT	8	(IBM name: SMF42GFU) Total number of bytes transferred to DASD for the write requests.

zGFW	FIXED	8 (20,3)	(IBM name: SMF42GFW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zGFX	FIXED	4 (10,3)	(IBM name: SMF42GFX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zGFY	FIXED	4 (10,3)	(IBM name: SMF42GFY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zSARASumm.<fieldname>			
zGGA	INT	4	(IBM name: SMF42GGA) Coupling facility cache partition number.
zGGB	INT	4	(IBM name: SMF42GGB) Total number of sequential access requests. (read ahead)
zGGC	INT	4	(IBM name: SMF42GGC) Number of read requests - NRI protocol (No Read Integrity).(read ahead)
zGGD	INT	4	(IBM name: SMF42GGD) Number of read requests - Consistent read protocol. (read ahead)
zGGE	INT	4	(IBM name: SMF42GGE) Number of Write requests.(read ahead)
zGGF	INT	4	(IBM name: SMF42GGF) Number of direct access BMF requests. (read ahead)
zGGG	INT	4	(IBM name: SMF42GGG) Number of direct access BMF Read requests. (read ahead)
zGGH	INT	4	(IBM name: SMF42GGH) Number of direct access BMF Write requests. (read ahead)
zGGI	INT	4	(IBM name: SMF42GGI) Number of direct access BMF read hits. (read ahead)
zGGJ	INT	4	(IBM name: SMF42GGJ) Number of direct access BMF valid read hits. (read ahead)
zGGK	INT	4	(IBM name: SMF42GGK) Number of BMF false invalids. (RE-DO)
zGGL	INT	4	(IBM name: SMF42GGL) Number of direct access CF cache structure requests. (read ahead)
zGGM	INT	4	(IBM name: SMF42GGM) Number of direct access CF cache structure Read requests. (read ahead)
zGGN	INT	4	(IBM name: SMF42GGN) Number of direct access CF cache structure Write requests. (read ahead)
zGGO	INT	4	(IBM name: SMF42GGO) Number of direct access CF cache structure read hits. (read ahead)
zGGP	INT	4	(IBM name: SMF42GGP) Number of direct access CF cache structure read castins. (read ahead)
zGGQ	INT	8	(IBM name: SMF42GGQ) Number of direct access CF cache structure byte transferred. (read ahead)
zGGR	INT	4	(IBM name: SMF42GGR) Total number of READ real I/O sequential requests to DASD. (read ahead)
zGGS	INT	4	(IBM name: SMF42GGS) Total number of WRITE real I/O sequential requests to DASD. (read ahead)
zGGT	INT	8	(IBM name: SMF42GGT) Total number of bytes transferred to DASD for the read requests.
zGGU	INT	8	(IBM name: SMF42GGU) Total number of bytes transferred to DASD for the write requests.
zGGW	FIXED	8 (20,3)	(IBM name: SMF42GGW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.

zGGX	FIXED	4 (10,3)	(IBM name: SMF42GGX) Average response time for all of the sequential access (read ahead) requests in this interval (total time/number of requests).
zGGY	FIXED	4 (10,3)	(IBM name: SMF42GGY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zSAPFSumm.<fieldname>

zGHA	INT	4	(IBM name: SMF42GHA) Coupling facility cache partition number.
zGHB	INT	4	(IBM name: SMF42GHB) Total number of sequential access requests. (pre-format)
zGHC	INT	4	(IBM name: SMF42GHC) Number of read requests - NRI protocol (No Read Integrity). (pre-format)
zGHD	INT	4	(IBM name: SMF42GHD) Number of read requests - Consistent read protocol. (pre-format)
zGHE	INT	4	(IBM name: SMF42GHE) Number of Write requests. (pre-format)
zGHF	INT	4	(IBM name: SMF42GHF) Number of direct access BMF requests. (pre-format)
zGHG	INT	4	(IBM name: SMF42GHG) Number of direct access BMF Read requests. (pre-format)
zGHH	INT	4	(IBM name: SMF42GHH) Number of direct access BMF Write requests. (pre-format)
zGHI	INT	4	(IBM name: SMF42GHI) Number of direct access BMF read hits. (pre-format)
zGHJ	INT	4	(IBM name: SMF42GHJ) Number of direct access BMF valid read hits. (pre-format)
zGHK	INT	4	(IBM name: SMF42GHK) Number of BMF false invalids. (pre-format)
zGHL	INT	4	(IBM name: SMF42GHL) Number of direct access CF cache structure requests. (pre-format)
zGHM	INT	4	(IBM name: SMF42GHM) Number of direct access CF cache structure Read requests. (pre-format)
zGHN	INT	4	(IBM name: SMF42GHN) Number of direct access CF cache structure Write requests. (pre-format)
zGHO	INT	4	(IBM name: SMF42GHO) Number of direct access CF cache structure read hits. (pre-format)
zGHP	INT	4	(IBM name: SMF42GHP) Number of direct access CF cache structure read castins. (pre-format)
zGHQ	INT	8	(IBM name: SMF42GHQ) Number of direct access CF cache structure byte transferred. (pre-format)
zGHR	INT	4	(IBM name: SMF42GHR) Total number of READ real I/O sequential requests to DASD. (pre-format)
zGHS	INT	4	(IBM name: SMF42GHS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zGHT	INT	8	(IBM name: SMF42GHT) Total number of bytes transferred to DASD for the read requests.
zGHU	INT	8	(IBM name: SMF42GHU) Total number of bytes transferred to DASD for the write requests.
zGHW	FIXED	8 (20,3)	(IBM name: SMF42GHW) Total amount of time, in milli seconds, for all sequential access (pre-format) requests in this interval.
zGHX	FIXED	4 (10,3)	(IBM name: SMF42GHX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zGHY	FIXED		

		4 (10,3)	(IBM name: SMF42GHY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
SMF042#16_VSAM_RLS_Dataset_SysplexWide.zLockSumm.<fieldname>			
zGPA	INT	4	(IBM name: SMF42GPA) Number of record lock requests (obtain/alter/promote)
zGPB	INT	4	(IBM name: SMF42GPB) Number of record lock requests that cause true contention.
zGPC	INT	4	(IBM name: SMF42GPC) Number of record lock requests that cause false contention.
zGPD	INT	4	(IBM name: SMF42GPD) Number of record lock release requests.
zGPE	INT	4	(IBM name: SMF42GPE) Number of component_1 type lock requests.
zGPF	INT	4	(IBM name: SMF42GPF) Number of component_1 type release lock requests.
zGUA	INT	4	(IBM name: SMF42GUA) Accumulation of waiters for record lock.
zGUB	INT	4	(IBM name: SMF42GUB) Number of record locks hashed to the same hash table entry.
zGPH	INT	4	(IBM name: SMF42GPH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zGPI	INT	4	(IBM name: SMF42GPI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zGPJ	INT	4	(IBM name: SMF42GPJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zGPK	INT	4	(IBM name: SMF42GPK) Number of component_1 class_1 (DIWA) release lock requests.
zGPL	INT	4	(IBM name: SMF42GPL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zGPM	INT	4	(IBM name: SMF42GPM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zGPN	INT	4	(IBM name: SMF42GPN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zGPO	INT	4	(IBM name: SMF42GPO) Number of component_1 class_2 (UPGRADE) release lock requests.
zGPP	INT	4	(IBM name: SMF42GPP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zGPQ	INT	4	(IBM name: SMF42GPQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zGPR	INT	4	(IBM name: SMF42GPR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zGPS	INT	4	(IBM name: SMF42GPS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zGPT	INT	4	(IBM name: SMF42GPT) Number of component_2 lock requests (obtain/alter/promote).
zGPU	INT	4	(IBM name: SMF42GPU) Number of component_2 locks that cause true contention.
zGPV	INT	4	(IBM name: SMF42GPV) Number of component_2 locks that cause false contention.
zGPW	INT	4	(IBM name: SMF42GPW) Number of component_2 release lock requests.

zGUD	INT	4	(IBM name: SMF42GUD) Accumulation of waiters for DIWA lock.
zGUE	INT	4	(IBM name: SMF42GUE) Accumulation of waiters for UPGRADE lock.
zGUF	INT	4	(IBM name: SMF42GUF) Accumulation of waiters for COMP2 lock.
zGUG	INT	4	(IBM name: SMF42GUG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zGSH	INT	4	(IBM name: SMF42GSH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zGSI	INT	4	(IBM name: SMF42GSI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zGSJ	INT	4	(IBM name: SMF42GSJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zGSK	INT	4	(IBM name: SMF42GSK) Number of component_1 class 4 (INDEX Record) release lock requests.

SMF042#16_VSAM_RLS_Dataset_SysplexWide.zBMFSumm.<fieldname>

zGRA	INT	4	(IBM name: SMF42GRA) Number of RE-DO's.
zGRB	INT	4	(IBM name: SMF42GRB) Number of recursive RE-DO's.
zGRC	INT	4	(IBM name: SMF42GRC) Number of BMF writes.
zGRD	INT	4	(IBM name: SMF42GRD) Number of SCM read requests.
zGRE	INT	4	(IBM name: SMF42GRE) Number of SCM read requests that encountered castout lock contention.
zGRG	INT	4	(IBM name: SMF42GRG) RE-DO percentage.
zGRH	INT	4	(IBM name: SMF42GRH) Recursive RE-DO percentage.
zGRI	INT	4	(IBM name: SMF42GRI) SCM castout lock percentage.
zGRJ	INT	4	(IBM name: SMF42GRJ) Total number of CF read requests that encountered retries for cast out locks.
zGSA	INT	4	(IBM name: SMF42GSA) Total number of CI splits for this interval (across the sysplex).
zGSB	INT	4	(IBM name: SMF42GSB) Total number of CA splits for this interval (across the sysplex).
zGAQ	CHAR	16	(IBM name: SMF42GAQ) Lock structure name.

Secondary segment: SMF042#16_VSAM_RLS_Dataset_CF_SYS

Field Name	Type	Len	Description
SMF042#16_VSAM_RLS_Dataset_CF_SYS.<fieldname>			
zGBA	INT	4	(IBM name: SMF42GBA) Interval length. This is the total length, in seconds, of the measurement period.

zGGB	CHAR	44	(IBM name: SMF42GGB) Data set name.
zGBC	CHAR	44	(IBM name: SMF42GBC) VSAM sphere name.
zGBD	INT	2	(IBM name: SMF42GBD) Length of storage class name.
zGBE	CHAR	30	(IBM name: SMF42GBE) Storage class name.
zA08	INT	2	(IBM name: SMF42A08) Length of cache set name.
zGBF	CHAR	30	(IBM name: SMF42GBF) Cache set name.
zGBG	CHAR	30	(IBM name: SMF42GBG) Cache structure name.
zGBH	CHAR	8	(IBM name: SMF42GBH) MVS system name.

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zGBI.<fieldname>

zGDATA	BIT	1	DATA component.
zGINDEX	BIT	1	INDEX component.

SMF042#16_VSAM_RLS_Dataset_CF_SYS.<fieldname>

zA09	CHAR	12	(IBM name: SMF42A09) Indicates DFSMS greater than 4K CF caching status. Value is ALL, NONE, UPDATESONLY, DIRONLY or GT4KNOTACT.
zGBK	INT	4	(IBM name: SMF42GBK) Number of lock requests processed by this MVS system.
zGBL	INT	4	(IBM name: SMF42GBL) Number of true contention lock requests.
zGBM	INT	4	(IBM name: SMF42GBM) Number of false contention lock requests.
zGZ8	INT	2	(IBM name: SMF42GZ8) SMS DIRECT WEIGHT
zGZ9	INT	2	(IBM name: SMF42GZ9) SMS SEQUENTIAL WEIGHT
zGBN	CHAR	8	(IBM name: SMF42GBN) In DFSMS 1.4, WLM SERV Class Name
zGBO	CHAR	8	(IBM name: SMF42GBO) In DFSMS 1.4, WLM Report Class Name
zGBP	CHAR	16	(IBM name: SMF42GBP) SMS data class name.

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zDASumm.<fieldname>

zGIA	INT	4	(IBM name: SMF42GIA) Coupling facility cache partition number.
zGIB	INT	4	(IBM name: SMF42GIB) Total number of direct access requests.
zGIC	INT	4	(IBM name: SMF42GIC) Number of read requests - NRI protocol (No Read Integrity). (pre-format)
zGID	INT	4	(IBM name: SMF42GID) Number of read requests - Consistent read protocol.
zGIE	INT	4	(IBM name: SMF42GIE) Number of Write requests.
zGIF	INT	4	(IBM name: SMF42GIF) Number of direct access BMF requests.
zGIG	INT	4	

			(IBM name: SMF42GIG) Number of direct access BMF Read requests.
zGIH	INT	4	(IBM name: SMF42GIH) Number of direct access BMF Write requests.
zGII	INT	4	(IBM name: SMF42GII) Number of direct access BMF read hits.
zGIJ	INT	4	(IBM name: SMF42GIJ) Number of direct access BMF valid read hits.
zGIK	INT	4	(IBM name: SMF42GIK) Number of BMF false invalids.
zGIL	INT	4	(IBM name: SMF42GIL) Number of direct access CF cache structure requests.
zGIM	INT	4	(IBM name: SMF42GIM) Number of direct access CF cache structure Read requests.
zGIN	INT	4	(IBM name: SMF42GIN) Number of direct access CF cache structure Write requests.
zGIO	INT	4	(IBM name: SMF42GIO) Number of direct access CF cache structure read hits.
zGIP	INT	4	(IBM name: SMF42GIP) Number of direct access CF cache structure read castins.
zGIQ	INT	8	(IBM name: SMF42GIQ) Number of direct access CF cache structure byte transferred.
zGIR	INT	4	(IBM name: SMF42GIR) Total number of real READ I/O direct requests to DASD.
zGIS	INT	4	(IBM name: SMF42GIS) Total number of real WRITE I/O direct requests to DASD.
zGIT	INT	8	(IBM name: SMF42GIT) Total number of bytes transferred to DASD for the read requests.
zGIU	INT	8	(IBM name: SMF42GIU) Total number of bytes transferred to DASD for the write requests.
zGIW	FIXED	8 (20,3)	(IBM name: SMF42GIW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zGIX	FIXED	4 (10,3)	(IBM name: SMF42GIX) Average response time for all of the requests in this interval (total time/number of requests).
zGIY	FIXED	4 (10,3)	(IBM name: SMF42GIY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zDAREDOSumm.<fieldname>

zGJA	INT	4	(IBM name: SMF42GJA) Coupling facility cache partition number.
zGJB	INT	4	(IBM name: SMF42GJB) Total number of direct access requests. (RE-DO)
zGJC	INT	4	(IBM name: SMF42GJC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGJD	INT	4	(IBM name: SMF42GJD) Number of read requests - Consistent read protocol. (RE-DO)
zGJE	INT	4	(IBM name: SMF42GJE) Number of Write requests. (RE-DO)
zGJF	INT	4	(IBM name: SMF42GJF) Number of direct access BMF requests. (RE-DO)
zGJG	INT	4	(IBM name: SMF42GJG) Number of direct access BMF Read requests. (RE-DO)
zGJH	INT	4	(IBM name: SMF42GJH) Number of direct access BMF Write requests. (RE-DO)

zGJI	INT	4	(IBM name: SMF42GJI) Number of direct access BMF read hits. (RE-DO)
zGJJ	INT	4	(IBM name: SMF42GJJ) Number of direct access BMF valid read hits. (RE-DO)
zGJK	INT	4	(IBM name: SMF42GJK) Number of BMF false invalids. (RE-DO)
zGJL	INT	4	(IBM name: SMF42GJL) Number of direct access CF cache structure requests. (RE-DO)
zGJM	INT	4	(IBM name: SMF42GJM) Number of direct access CF cache structure Read requests. (RE-DO)
zGJN	INT	4	(IBM name: SMF42GJN) Number of direct access CF cache structure Write requests. (RE-DO)
zGJO	INT	4	(IBM name: SMF42GJO) Number of direct access CF cache structure read hits. (RE-DO)
zGJP	INT	4	(IBM name: SMF42GJP) Number of direct access CF cache structure read castins.
zGJQ	INT	8	(IBM name: SMF42GJQ) Number of direct access CF cache structure bytes transferred.
zGJR	INT	4	(IBM name: SMF42GJR) Total number of READ real I/O direct requests to DASD. (RE-DO)
zGJS	INT	4	(IBM name: SMF42GJS) Total number of WRITE real I/O direct requests to DASD. (RE-DO)
zGJT	INT	8	(IBM name: SMF42GJT) Total number of bytes transferred to DASD for the read requests.
zGJU	INT	8	(IBM name: SMF42GJU) Total number of bytes transferred to DASD for the write requests.
zGJW	FIXED	8 (20,3)	(IBM name: SMF42GJW) Total amount of time, in milli seconds, for all direct access (RE-DO) requests in this interval.
zGJX	FIXED	4 (10,3)	(IBM name: SMF42GJX) Average response time for all of the direct access (RE-DO) requests in this interval (total time/number of requests).
zGJY	FIXED	4 (10,3)	(IBM name: SMF42GJY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zSASumm.<fieldname>

zGKA	INT	4	(IBM name: SMF42GKA) Coupling facility cache partition number.
zGKB	INT	4	(IBM name: SMF42GKB) Total number of sequential access requests.
zGKC	INT	4	(IBM name: SMF42GKC) Number of read requests - NRI protocol (No Read Integrity).
zGKD	INT	4	(IBM name: SMF42GKD) Number of read requests - Consistent read protocol.
zGKE	INT	4	(IBM name: SMF42GKE) Number of Write requests.
zGKF	INT	4	(IBM name: SMF42GKF) Number of direct access BMF requests.
zGKG	INT	4	(IBM name: SMF42GKG) Number of direct access BMF Read requests.
zGKH	INT	4	(IBM name: SMF42GKH) Number of direct access BMF Write requests.
zGKI	INT	4	(IBM name: SMF42GKI) Number of direct access BMF read hits.
zGKJ	INT	4	(IBM name: SMF42GKJ) Number of direct access BMF valid read hits.

zGKK	INT	4	(IBM name: SMF42GKK) Number of BMF false invalids.
zGKL	INT	4	(IBM name: SMF42GKL) Number of direct access CF cache structure requests.
zGKM	INT	4	(IBM name: SMF42GKM) Number of direct access CF cache structure Read requests.
zGKN	INT	4	(IBM name: SMF42GKN) Number of direct access CF cache structure Write requests.
zGKO	INT	4	(IBM name: SMF42GKO) Number of direct access CF cache structure read hits.
zGKP	INT	4	(IBM name: SMF42GKP) Number of direct access CF cache structure read castins.
zGKQ	INT	8	(IBM name: SMF42GKQ) Number of direct access CF cache structure byte transferred.
zGKR	INT	4	(IBM name: SMF42GKR) Total number of READ real I/O sequential requests to DASD.
zGKS	INT	4	(IBM name: SMF42GKS) Total number of WRITE real I/O sequential requests to DASD.
zGKT	INT	8	(IBM name: SMF42GKT) Total number of bytes transferred for all sequential access requests where the data was retrieved from DASD. (real I/O DASD)
zGKU	INT	8	(IBM name: SMF42GKU) Total number of bytes transferred for all sequential access requests where the data was retrieved from DASD or a coupling facility cache structure. (real I/O DASD)
zGKW	INT	8	(IBM name: SMF42GKW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zGKX	INT	4	(IBM name: SMF42GKX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zGKY	INT	4	(IBM name: SMF42GKY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zSAREDOSumm.<fieldname>

zGLA	INT	4	(IBM name: SMF42GLA) Coupling facility cache partition number.
zGLB	INT	4	(IBM name: SMF42GLB) Total number of sequential access requests. (RE-DO)
zGLC	INT	4	(IBM name: SMF42GLC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGLD	INT	4	(IBM name: SMF42GLD) Number of read requests - Consistent read protocol. (RE-DO)
zGLE	INT	4	(IBM name: SMF42GLE) Number of Write requests. (RE-DO)
zGLF	INT	4	(IBM name: SMF42GLF) Number of direct access BMF requests. (RE-DO)
zGLG	INT	4	(IBM name: SMF42GLG) Number of direct access BMF Read requests.
zGLH	INT	4	(IBM name: SMF42GLH) Number of direct access BMF Write requests.
zGLI	INT	4	(IBM name: SMF42GLI) Number of direct access BMF read hits.
zGLJ	INT	4	(IBM name: SMF42GLJ) Number of direct access BMF valid read hits.
zGLK	INT	4	(IBM name: SMF42GLK) Number of BMF false invalids. (RE-DO)

zGLL	INT	4	(IBM name: SMF42GLL) Number of direct access CF cache structure requests.
zGLM	INT	4	(IBM name: SMF42GLM) Number of direct access CF cache structure Read requests.
zGLN	INT	4	(IBM name: SMF42GLN) Number of direct access CF cache structure Write requests.
zGLO	INT	4	(IBM name: SMF42GLO) Number of direct access CF cache structure read hits. (RE-DO)
zGLP	INT	4	(IBM name: SMF42GLP) Number of direct access CF cache structure read castins.
zGLQ	INT	8	(IBM name: SMF42GLQ) Number of direct access CF cache structure bytes transferred.
zGLR	INT	4	(IBM name: SMF42GLR) Total number of READ real I/O sequential requests to DASD. (RE-DO)
zGLS	INT	4	(IBM name: SMF42GLS) Total number of WRITE real I/O sequential requests to DASD. (RE-DO)
zGLT	INT	8	(IBM name: SMF42GLT) Total number of bytes transferred to DASD for the read requests.
zGLU	INT	8	(IBM name: SMF42GLU) Total number of bytes transferred to DASD for the write requests.
zGLW	FIXED	8 (20,3)	(IBM name: SMF42GLW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zGLX	FIXED	4 (10,3)	(IBM name: SMF42GLX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zGLY	FIXED	4 (10,3)	(IBM name: SMF42GLY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zSARASumm.<fieldname>

zGMA	INT	4	(IBM name: SMF42GMA) Coupling facility cache partition number.
zGMB	INT	4	(IBM name: SMF42GMB) Total number of sequential access requests. (read ahead)
zGMC	INT	4	(IBM name: SMF42GMC) Number of read requests - NRI protocol (No Read Integrity). (read-ahead)
zGMD	INT	4	(IBM name: SMF42GMD) Number of read requests - Consistent read protocol. (read-ahead)
zGME	INT	4	(IBM name: SMF42GME) Number of Write requests. (read-ahead)
zGMF	INT	4	(IBM name: SMF42GMF) Number of direct access BMF requests. (read-ahead)
zGMG	INT	4	(IBM name: SMF42GMG) Number of direct access BMF Read requests.
zGMH	INT	4	(IBM name: SMF42GMH) Number of direct access BMF Write requests.
zGMI	INT	4	(IBM name: SMF42GMI) Number of direct access BMF read hits.
zGMJ	INT	4	(IBM name: SMF42GMJ) Number of direct access BMF valid read hits.
zGMK	INT	4	(IBM name: SMF42GMK) Number of BMF false invalids. (read-ahead)
zGML	INT	4	(IBM name: SMF42GML) Number of direct access CF cache structure requests.
zGMM	INT	4	(IBM name: SMF42GMM) Number of direct access CF cache structure Read requests.

zGMN	INT	4	(IBM name: SMF42GMN) Number of direct access CF cache structure Write requests.
zGMO	INT	4	(IBM name: SMF42GMO) Number of direct access CF cache structure read hits. (read-ahead)
zGMP	INT	4	(IBM name: SMF42GMP) Number of direct access CF cache structure read castins.
zGMQ	INT	8	(IBM name: SMF42GMQ) Number of direct access CF cache structure byte transferred.
zGMR	INT	4	(IBM name: SMF42GMR) Total number of real READ I/O sequential requests to DASD. (read ahead)
zGMS	INT	4	(IBM name: SMF42GMS) Total number of real WRITE I/O sequential requests to DASD. (read ahead)
zGMT	INT	8	(IBM name: SMF42GMT) Total number of bytes transferred to DASD for the read requests.
zGMU	INT	8	(IBM name: SMF42GMU) Total number of bytes transferred to DASD for the write requests.
zGMW	FIXED	8 (20,3)	(IBM name: SMF42GMW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zGMX	FIXED	4 (10,3)	(IBM name: SMF42GMX) Average response time for all of the sequential access (read ahead) requests in this interval (total time/number of requests).
zGMY	FIXED	4 (10,3)	(IBM name: SMF42GMY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)

SMF042#16_VSAM_RLS_Dataset_CF_SYS.zSAPFSumm.<fieldname>

zGNA	INT	4	(IBM name: SMF42GNA) Coupling facility cache partition number.
zGNB	INT	4	(IBM name: SMF42GNB) Total number of sequential access requests. (pre-format)
zGNC	INT	4	(IBM name: SMF42GNC) Number of read requests - NRI protocol (No Read Integrity). (pre-format)
zGND	INT	4	(IBM name: SMF42GND) Number of read requests - Consistent read protocol. (pre-format)
zGNE	INT	4	(IBM name: SMF42GNE) Number of Write requests. (pre-format)
zGNF	INT	4	(IBM name: SMF42GNF) Number of direct access BMF requests. (pre-format)
zGNG	INT	4	(IBM name: SMF42GNG) Number of direct access BMF Read requests.
zGNH	INT	4	(IBM name: SMF42GNH) Number of direct access BMF Write requests.
zGNI	INT	4	(IBM name: SMF42GNI) Number of direct access BMF read hits.
zGNJ	INT	4	(IBM name: SMF42GNJ) Number of direct access BMF valid read hits.
zGNK	INT	4	(IBM name: SMF42GNK) Number of BMF false invalids. (pre-format)
zGNL	INT	4	(IBM name: SMF42GNL) Number of direct access CF cache structure requests.
zGNM	INT	4	(IBM name: SMF42GNM) Number of direct access CF cache structure Read requests.
zGNN	INT	4	(IBM name: SMF42GNN) Number of direct access CF cache structure Write requests.
zGNO	INT	4	

			(IBM name: SMF42GNO) Number of direct access CF cache structure read hits. (pre-format)
zGNP	INT	4	(IBM name: SMF42GNP) Number of direct access CF cache structure read castins.
zGNQ	INT	8	(IBM name: SMF42GNQ) Number of direct access CF cache structure byte transferred.
zGNR	INT	4	(IBM name: SMF42GNR) Total number of READ real I/O sequential requests to DASD. (pre-format)
zGNS	INT	4	(IBM name: SMF42GNS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zGNT	INT	8	(IBM name: SMF42GNT) Total number of bytes transferred to DASD for the read requests.
zGNU	INT	8	(IBM name: SMF42GNU) Total number of bytes transferred to DASD for the write requests.
zGNW	FIXED	8 (20,3)	(IBM name: SMF42GNW) Total amount of time, in milli seconds, for all sequential access. (pre-format) requests in this interval.
zGNX	FIXED	4 (10,3)	(IBM name: SMF42GNX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zGNY	FIXED	4 (10,3)	(IBM name: SMF42GNY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
zGQA	INT	4	(IBM name: SMF42GQA) Number of record lock requests (obtain/alter/promote)
zGQB	INT	4	(IBM name: SMF42GQB) Number of record lock requests that cause true contention.
zGQC	INT	4	(IBM name: SMF42GQC) Number of record lock requests that cause false contention.
zGQD	INT	4	(IBM name: SMF42GQD) Number of record lock release requests.
zGQE	INT	4	(IBM name: SMF42GQE) Number of component_1 type lock requests.
zGQF	INT	4	(IBM name: SMF42GQF) Number of component_1 type release lock requests.
zGVA	INT	4	(IBM name: SMF42GVA) Accumulation of waiters for record lock.
zGVB	INT	4	(IBM name: SMF42GVB) Number of record locks hashed to the same hash table entry.
zGQH	INT	4	(IBM name: SMF42GQH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zGQI	INT	4	(IBM name: SMF42GQI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zGQJ	INT	4	(IBM name: SMF42GQJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zGQK	INT	4	(IBM name: SMF42GQK) Number of component_1 class_1 (DIWA) release lock requests.
zGQL	INT	4	(IBM name: SMF42GQL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zGQM	INT	4	(IBM name: SMF42GQM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zGQN	INT	4	(IBM name: SMF42GQN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zGQO	INT	4	(IBM name: SMF42GQO) Number of component_1 class_2 (UPGRADE) release lock requests.

zGQP	INT	4	(IBM name: SMF42GQP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zGQQ	INT	4	(IBM name: SMF42GQQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zGQR	INT	4	(IBM name: SMF42GQR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zGQS	INT	4	(IBM name: SMF42GQS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zGQT	INT	4	(IBM name: SMF42GQT) Number of component_2 lock requests (obtain/alter/promote).
zGQU	INT	4	(IBM name: SMF42GQU) Number of component_2 locks that cause true contention.
zGQV	INT	4	(IBM name: SMF42GQV) Number of component_2 locks that cause false contention.
zGQW	INT	4	(IBM name: SMF42GQW) Number of component_2 release lock requests.
zGVD	INT	4	(IBM name: SMF42GVD) Accumulation of waiters for DIWA lock.
zGVE	INT	4	(IBM name: SMF42GVE) Accumulation of waiters for UPGRADE lock.
zGVF	INT	4	(IBM name: SMF42GVF) Accumulation of waiters for COMP2 lock.
zGVG	INT	4	(IBM name: SMF42GVG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zGTH	INT	4	(IBM name: SMF42GTH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zGTI	INT	4	(IBM name: SMF42GTI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zGTJ	INT	4	(IBM name: SMF42GTJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zGTK	INT	4	(IBM name: SMF42GTK) Number of component_1 class 4 (INDEX Record) release lock requests.
zGRL	INT	4	(IBM name: SMF42GRL) Number of RE-DO's.
zGRM	INT	4	(IBM name: SMF42GRM) Number of recursive RE-DO's.
zGRN	INT	4	(IBM name: SMF42GRN) Number of BMF writes.
zGRO	INT	4	(IBM name: SMF42GRO) Number of SCM read requests.
zGRP	INT	4	(IBM name: SMF42GRP) Number of SCM read requests that encountered castout lock contention.
zGRR	INT	4	(IBM name: SMF42GRR) RE-DO percentage.
zGRS	INT	4	(IBM name: SMF42GRS) Recursive RE-DO percentage.
zGRT	INT	4	(IBM name: SMF42GRT) SCM castout lock percentage.
zGRU	INT	4	(IBM name: SMF42GRU) Total number of CF read requests that encountered retries for cast out locks.

zGTA	INT	4	(IBM name: SMF42GTA) Total number of CI splits for this interval.
zGTB	INT	4	(IBM name: SMF42GTB) Total number of CA splits for this interval.
zGBQ	CHAR	16	(IBM name: SMF42GBQ) Lock structure name.

Secondary segment: **SMF042#16_VSAM_RLS_Dataset_SysplexWide_64**

Field Name	Type	Len	Description
<i>SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.<fieldname></i>			
zGAA	INT	4	(IBM name: SMF42GAA) Interval length. This is the total time, in seconds, of the measurement period.
zGAB	CHAR	44	(IBM name: SMF42GAB) Data set name
zGAC	CHAR	44	(IBM name: SMF42GAC) VSAM sphere name.
zGAD	INT	2	(IBM name: SMF42GAD) Length of the storage class name.
zGAE	CHAR	30	(IBM name: SMF42GAE) Storage class name.
zA03	INT	2	(IBM name: SMF42A03) Length of DFSMS CacheSet name.
zGAF	CHAR	30	(IBM name: SMF42GAF) DFSMS CacheSet name.
zGAH	CHAR	30	(IBM name: SMF42GAH) DFP CF cache structure name.

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zGAI.<fieldname>

zGDATA	BIT	1	DATA component.
zGINDEX	BIT	1	INDEX component.

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.<fieldname>

zGAJ	CHAR	12	(IBM name: SMF42GAJ) Indicates DFSMS greater than 4K CF caching status. Value is ALL, NONE, UPDATESONLY, DIRONLY or GT4KNOTACT.
zGZ1	INT	2	(IBM name: SMF42GZ1) SMS Direct Weight.
zGZ2	INT	2	(IBM name: SMF42GZ2) SMS Sequential Weight.
zGAN	CHAR	8	(IBM name: SMF42GAN) In DFSMS 1.4 WLM Server class name
zGAO	CHAR	8	(IBM name: SMF42GAO) In DFSMS 1.4 WLM report class name
zGAP	CHAR	16	(IBM name: SMF42GAP) SMS data class name.

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zDASumm.<fieldname>

zGCA	INT	4	(IBM name: SMF42GCA) Coupling facility cache partition number.
zGCB	INT	4	(IBM name: SMF42GCB) Total number of direct access requests.

zGCC	INT	4	(IBM name: SMF42GCC) Number of read requests - NRI protocol (No Read Integrity).
zGCD	INT	4	(IBM name: SMF42GCD) Number of read requests - Consistent read protocol.
zGCE	INT	4	(IBM name: SMF42GCE) Number of Write requests.
zCGF	INT	4	(IBM name: SMF42CGF) Number of direct access BMF requests.
zGCG	INT	4	(IBM name: SMF42GCG) Number of direct access BMF Read requests.
zGCH	INT	4	(IBM name: SMF42GCH) Number of direct access BMF Write requests.
zGCI	INT	4	(IBM name: SMF42GCI) Number of direct access BMF read hits.
zGCJ	INT	4	(IBM name: SMF42GCJ) Number of direct access BMF valid read hits.
zGCK	INT	4	(IBM name: SMF42GCK) Number of BMF false invalids.
zGCL	INT	4	(IBM name: SMF42GCL) Number of direct access CF cache structure requests.
zGCM	INT	4	(IBM name: SMF42GCM) Number of direct access CF cache structure Read requests.
zGCN	INT	4	(IBM name: SMF42GCN) Number of direct access CF cache structure Write requests.
zGCO	INT	4	(IBM name: SMF42GCO) Number of direct access CF cache structure read hits.
zGCP	INT	4	(IBM name: SMF42GCP) Number of direct access CF cache structure read castins.
zGCQ	INT	8	(IBM name: SMF42GCQ) Number of bytes transferred into the DFSMS cache structure.
zGCR	INT	4	(IBM name: SMF42GCR) Total number READ of real I/O direct requests to DASD.
zGCS	INT	4	(IBM name: SMF42GCS) Total number WRITE of real I/O direct requests to DASD.
zGCT	INT	8	(IBM name: SMF42GCT) Total number of bytes transferred to DASD for the read requests.
zGCU	INT	8	(IBM name: SMF42GCU) Total number of bytes transferred to DASD for the write requests.
zGCW	FIXED	8 (20,3)	(IBM name: SMF42GCW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zGCX	FIXED	4 (10,3)	(IBM name: SMF42GCX) Average response time for all of the requests in this interval (total time/number of requests).
zGCY	FIXED	4 (10,3)	(IBM name: SMF42GCY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zDAREDOSumm.<fieldname>

zGDA	INT	4	(IBM name: SMF42GDA) Coupling facility cache partition number.
zGDB	INT	4	(IBM name: SMF42GDB) Total number of direct access requests. (RE-DO)
zGDC	INT	4	(IBM name: SMF42GDC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGDD	INT	4	(IBM name: SMF42GDD) Number of read requests - Consistent read protocol. (RE-DO)

zGDE	INT	4	(IBM name: SMF42GDE) Number of Write requests. (RE-DO)
zGDF	INT	4	(IBM name: SMF42GDF) Number of direct access BMF requests. (RE-DO)
zGDG	INT	4	(IBM name: SMF42GDG) Number of direct access BMF Read requests. (RE-DO)
zGDH	INT	4	(IBM name: SMF42GDH) Number of direct access BMF Write requests. (RE-DO)
zGDI	INT	4	(IBM name: SMF42GDI) Number of direct access BMF read hits. (RE-DO)
zGDJ	INT	4	(IBM name: SMF42GDJ) Number of direct access BMF valid read hits. (RE-DO)
zGDK	INT	4	(IBM name: SMF42GDK) Number of BMF false invalids. (RE-DO)
zGDL	INT	4	(IBM name: SMF42GDL) Number of direct access CF cache structure requests. (RE-DO)
zGDM	INT	4	(IBM name: SMF42GDM) Number of direct access CF cache structure Read requests. (RE-DO)
zGDN	INT	4	(IBM name: SMF42GDN) Number of direct access CF cache structure Write requests. (RE-DO)
zGDO	INT	4	(IBM name: SMF42GDO) Number of direct access CF cache structure read hits. (RE-DO)
zGDP	INT	4	(IBM name: SMF42GDP) Number of direct access CF cache structure read castins. (RE-DO)
zGDQ	INT	8	(IBM name: SMF42GDQ) Number of direct access CF cache structure byte transferred. (RE-DO)
zGDR	INT	4	(IBM name: SMF42GDR) Total number of READ real I/O direct requests to DASD. (RE-DO)
zGDS	INT	4	(IBM name: SMF42GDS) Total number of WRITE real I/O direct requests to DASD. (RE-DO)
zGDT	INT	8	(IBM name: SMF42GDT) Total number of bytes transferred to DASD for the read requests.
zGDU	INT	8	(IBM name: SMF42GDU) Total number of bytes transferred to DASD for the write requests.
zGDW	FIXED	8 (20,3)	(IBM name: SMF42GDW) Total amount of time, in milli seconds, for all direct access (RE-DO) requests in this interval.
zGDX	FIXED	4 (10,3)	(IBM name: SMF42GDX) Average response time for all of the direct access (RE-DO) requests in this interval (total time/number of requests).
zGDY	FIXED	4 (10,3)	(IBM name: SMF42GDY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zSASumm.<fieldname>

zGEA	INT	4	(IBM name: SMF42GEA) Coupling facility cache partition number.
zGEB	INT	4	(IBM name: SMF42GEB) Total number of sequential access requests.
zGDC	INT	4	(IBM name: SMF42GDC) Number of read requests - NRI protocol (No Read Integrity).
zGED	INT	4	(IBM name: SMF42GED) Number of read requests - Consistent read protocol.
zGEE	INT	4	(IBM name: SMF42GEE) Number of Write requests.
zGEF	INT	4	(IBM name: SMF42GEF) Number of direct access BMF requests.

zGEG	INT	4	(IBM name: SMF42GEG) Number of direct access BMF Read requests.
zGEH	INT	4	(IBM name: SMF42GEH) Number of direct access BMF Write requests.
zGEI	INT	4	(IBM name: SMF42GEI) Number of direct access BMF read hits.
zGEJ	INT	4	(IBM name: SMF42GEJ) Number of direct access BMF valid read hits.
zGEK	INT	4	(IBM name: SMF42GEK) Number of BMF false invalids.
zGEL	INT	4	(IBM name: SMF42GEL) Number of direct access CF cache structure requests.
zGEM	INT	4	(IBM name: SMF42GEM) Number of direct access CF cache structure Read requests.
zGEN	INT	4	(IBM name: SMF42GEN) Number of direct access CF cache structure Write requests.
zGEO	INT	4	(IBM name: SMF42GEO) Number of direct access CF cache structure read hits.
zGEP	INT	4	(IBM name: SMF42GEP) Number of direct access CF cache structure read castins.
zGEQ	INT	8	(IBM name: SMF42GEQ) Number of direct access CF cache structure byte transferred.
zGER	INT	4	(IBM name: SMF42GER) Total number of READ real I/O sequential requests to DASD.
zGES	INT	4	(IBM name: SMF42GES) Total number of WRITE real I/O sequential requests to DASD.
zGET	INT	8	(IBM name: SMF42GET) Total number of bytes transferred to DASD for the read requests.
zGEU	INT	8	(IBM name: SMF42GEU) Total number of bytes transferred to DASD for the write requests.
zGEW	FIXED	8 (20,3)	(IBM name: SMF42GEW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zGEX	FIXED	4 (10,3)	(IBM name: SMF42GEX) Average response time for all of the sequential access requests in this interval (total time/number of requests).
zGEY	FIXED	4 (10,3)	(IBM name: SMF42GEY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zSAREDOSumm.<fieldname>

zGFA	INT	4	(IBM name: SMF42GFA) Coupling facility cache partition number.
zGFB	INT	4	(IBM name: SMF42GFB) Total number of direct access requests. (RE-DO)
zGFC	INT	4	(IBM name: SMF42GFC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGFD	INT	4	(IBM name: SMF42GFD) Number of read requests - Consistent read protocol. (RE-DO)
zGFE	INT	4	(IBM name: SMF42GFE) Number of Write requests.(RE-DO)
zGFF	INT	4	(IBM name: SMF42GFF) Number of direct access BMF requests. (RE-DO)
zGFG	INT	4	(IBM name: SMF42GFG) Number of direct access BMF Read requests. (RE-DO)
zGFH	INT	4	(IBM name: SMF42GFH) Number of direct access BMF Write requests. (RE-DO)

zGFI	INT	4	(IBM name: SMF42GFI) Number of direct access BMF read hits. (RE-DO)
zGFJ	INT	4	(IBM name: SMF42GFJ) Number of direct access BMF valid read hits. (RE-DO)
zGFK	INT	4	(IBM name: SMF42GFK) Number of BMF false invalids. (RE-DO)
zGFL	INT	4	(IBM name: SMF42GFL) Number of direct access CF cache structure requests. (RE-DO)
zGFM	INT	4	(IBM name: SMF42GFM) Number of direct access CF cache structure Read requests. (RE-DO)
zGFN	INT	4	(IBM name: SMF42GFN) Number of direct access CF cache structure Write requests. (RE-DO)
zGFO	INT	4	(IBM name: SMF42GFO) Number of direct access CF cache structure read hits. (RE-DO)
zGFP	INT	4	(IBM name: SMF42GFP) Number of direct access CF cache structure read castins. (RE-DO)
zGFQ	INT	8	(IBM name: SMF42GFQ) Number of direct access CF cache structure byte transferred. (RE-DO)
zGFR	INT	4	(IBM name: SMF42GFR) Total number of real READ I/O sequential requests to DASD. (RE-DO)
zGFS	INT	4	(IBM name: SMF42GFS) Total number of real WRITE I/O sequential requests to DASD. (RE-DO)
zGFT	INT	8	(IBM name: SMF42GFT) Total number of bytes transferred to DASD for the read requests.
zGFU	INT	8	(IBM name: SMF42GFU) Total number of bytes transferred to DASD for the write requests.
zGFW	FIXED	8 (20,3)	(IBM name: SMF42GFW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zGFX	FIXED	4 (10,3)	(IBM name: SMF42GFX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zGFY	FIXED	4 (10,3)	(IBM name: SMF42GFY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zSARASumm.<fieldname>

zGGA	INT	4	(IBM name: SMF42GGA) Coupling facility cache partition number.
zGGB	INT	4	(IBM name: SMF42GGB) Total number of sequential access requests. (read ahead)
zGGC	INT	4	(IBM name: SMF42GGC) Number of read requests - NRI protocol (No Read Integrity).(read ahead)
zGGD	INT	4	(IBM name: SMF42GGD) Number of read requests - Consistent read protocol. (read ahead)
zGGE	INT	4	(IBM name: SMF42GGE) Number of Write requests.(read ahead)
zGGF	INT	4	(IBM name: SMF42GGF) Number of direct access BMF requests. (read ahead)
zGGG	INT	4	(IBM name: SMF42GGG) Number of direct access BMF Read requests. (read ahead)
zGGH	INT	4	(IBM name: SMF42GGH) Number of direct access BMF Write requests. (read ahead)
zGGI	INT	4	(IBM name: SMF42GGI) Number of direct access BMF read hits. (read ahead)
zGGJ	INT	4	(IBM name: SMF42GGJ) Number of direct access BMF valid read hits. (read ahead)

zGGK	INT	4	(IBM name: SMF42GGK) Number of BMF false invalids. (RE-DO)
zGGL	INT	4	(IBM name: SMF42GGL) Number of direct access CF cache structure requests. (read ahead)
zGGM	INT	4	(IBM name: SMF42GGM) Number of direct access CF cache structure Read requests. (read ahead)
zGGN	INT	4	(IBM name: SMF42GGN) Number of direct access CF cache structure Write requests. (read ahead)
zGGO	INT	4	(IBM name: SMF42GGO) Number of direct access CF cache structure read hits. (read ahead)
zGGP	INT	4	(IBM name: SMF42GGP) Number of direct access CF cache structure read castins. (read ahead)
zGGQ	INT	8	(IBM name: SMF42GGQ) Number of direct access CF cache structure byte transferred. (read ahead)
zGGR	INT	4	(IBM name: SMF42GGR) Total number of READ real I/O sequential requests to DASD. (read ahead)
zGGS	INT	4	(IBM name: SMF42GGS) Total number of WRITE real I/O sequential requests to DASD. (read ahead)
zGGT	INT	8	(IBM name: SMF42GGT) Total number of bytes transferred to DASD for the read requests.
zGGU	INT	8	(IBM name: SMF42GGU) Total number of bytes transferred to DASD for the write requests.
zGGW	FIXED	8 (20,3)	(IBM name: SMF42GGW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zGGX	FIXED	4 (10,3)	(IBM name: SMF42GGX) Average response time for all of the sequential access (read ahead) requests in this interval (total time/number of requests).
zGGY	FIXED	4 (10,3)	(IBM name: SMF42GGY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zSAPFSumm.<fieldname>

zGHA	INT	4	(IBM name: SMF42GHA) Coupling facility cache partition number.
zGHB	INT	4	(IBM name: SMF42GHB) Total number of sequential access requests. (pre-format)
zGHC	INT	4	(IBM name: SMF42GHC) Number of read requests - NRI protocol (No Read Integrity). (pre-format)
zGHD	INT	4	(IBM name: SMF42GHD) Number of read requests - Consistent read protocol. (pre-format)
zGHE	INT	4	(IBM name: SMF42GHE) Number of Write requests. (pre-format)
zGHF	INT	4	(IBM name: SMF42GHF) Number of direct access BMF requests. (pre-format)
zGHG	INT	4	(IBM name: SMF42GHG) Number of direct access BMF Read requests. (pre-format)
zGHH	INT	4	(IBM name: SMF42GHH) Number of direct access BMF Write requests. (pre-format)
zGHI	INT	4	(IBM name: SMF42GHI) Number of direct access BMF read hits. (pre-format)
zGHJ	INT	4	(IBM name: SMF42GHJ) Number of direct access BMF valid read hits. (pre-format)
zGHK	INT	4	(IBM name: SMF42GHK) Number of BMF false invalids. (pre-format)
zGHL	INT	4	

			(IBM name: SMF42GHL) Number of direct access CF cache structure requests. (pre-format)
zGHM	INT	4	(IBM name: SMF42GHM) Number of direct access CF cache structure Read requests. (pre-format)
zGHN	INT	4	(IBM name: SMF42GHN) Number of direct access CF cache structure Write requests. (pre-format)
zGHO	INT	4	(IBM name: SMF42GHO) Number of direct access CF cache structure read hits. (pre-format)
zGHP	INT	4	(IBM name: SMF42GHP) Number of direct access CF cache structure read castins. (pre-format)
zGHQ	INT	8	(IBM name: SMF42GHQ) Number of direct access CF cache structure byte transferred. (pre-format)
zGHR	INT	4	(IBM name: SMF42GHR) Total number of READ real I/O sequential requests to DASD. (pre-format)
zGHS	INT	4	(IBM name: SMF42GHS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zGHT	INT	8	(IBM name: SMF42GHT) Total number of bytes transferred to DASD for the read requests.
zGHU	INT	8	(IBM name: SMF42GHU) Total number of bytes transferred to DASD for the write requests.
zGHW	FIXED	8 (20,3)	(IBM name: SMF42GHW) Total amount of time, in milli seconds, for all sequential access (pre-format) requests in this interval.
zGHX	FIXED	4 (10,3)	(IBM name: SMF42GHX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zGHY	FIXED	4 (10,3)	(IBM name: SMF42GHY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zLockSumm.<fieldname>

zGPA	INT	4	(IBM name: SMF42GPA) Number of record lock requests (obtain/alter/promote)
zGPB	INT	4	(IBM name: SMF42GPB) Number of record lock requests that cause true contention.
zGPC	INT	4	(IBM name: SMF42GPC) Number of record lock requests that cause false contention.
zGPD	INT	4	(IBM name: SMF42GPD) Number of record lock release requests.
zGPE	INT	4	(IBM name: SMF42GPE) Number of component_1 type lock requests.
zGPF	INT	4	(IBM name: SMF42GPF) Number of component_1 type release lock requests.
zGUA	INT	4	(IBM name: SMF42GUA) Accumulation of waiters for record lock.
zGUB	INT	4	(IBM name: SMF42GUB) Number of record locks hashed to the same hash table entry.
zGPH	INT	4	(IBM name: SMF42GPH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zGPI	INT	4	(IBM name: SMF42GPI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zGPJ	INT	4	(IBM name: SMF42GPJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zGPK	INT	4	(IBM name: SMF42GPK) Number of component_1 class_1 (DIWA) release lock requests.
zGPL	INT	4	(IBM name: SMF42GPL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).

zGPM	INT	4	(IBM name: SMF42GPM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zGPN	INT	4	(IBM name: SMF42GPN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zGPO	INT	4	(IBM name: SMF42GPO) Number of component_1 class_2 (UPGRADE) release lock requests.
zGPP	INT	4	(IBM name: SMF42GPP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zGPQ	INT	4	(IBM name: SMF42GPQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zGPR	INT	4	(IBM name: SMF42GPR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zGPS	INT	4	(IBM name: SMF42GPS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zGPT	INT	4	(IBM name: SMF42GPT) Number of component_2 lock requests (obtain/alter/promote).
zGPU	INT	4	(IBM name: SMF42GPU) Number of component_2 locks that cause true contention.
zGPV	INT	4	(IBM name: SMF42GPV) Number of component_2 locks that cause false contention.
zGPW	INT	4	(IBM name: SMF42GPW) Number of component_2 release lock requests.
zGUD	INT	4	(IBM name: SMF42GUD) Accumulation of waiters for DIWA lock.
zGUE	INT	4	(IBM name: SMF42GUE) Accumulation of waiters for UPGRADE lock.
zGUF	INT	4	(IBM name: SMF42GUF) Accumulation of waiters for COMP2 lock.
zGUG	INT	4	(IBM name: SMF42GUG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zGSH	INT	4	(IBM name: SMF42GSH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zGSI	INT	4	(IBM name: SMF42GSI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zGSJ	INT	4	(IBM name: SMF42GSJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zGSK	INT	4	(IBM name: SMF42GSK) Number of component class 4 (INDEX Record) release lock requests. Sysplex-wide data set BMF LRU statistical section:

SMF042#16_VSAM_RLS_Dataset_SysplexWide_64.zBMFSumm.<fieldname>

zGRA	INT	4	(IBM name: SMF42GRA) Number of RE-DO's.
zGRB	INT	4	(IBM name: SMF42GRB) Number of recursive RE-DO's.
zGRC	INT	4	(IBM name: SMF42GRC) Number of BMF writes.
zGRD	INT	4	(IBM name: SMF42GRD) Number of SCM read requests.
zGRE	INT	4	

			(IBM name: SMF42GRE) Number of SCM read requests that encountered castout lock contention.
zGRG	INT	4	(IBM name: SMF42GRG) RE-DO percentage.
zGRH	INT	4	(IBM name: SMF42GRH) Recursive RE-DO percentage.
zGRI	INT	4	(IBM name: SMF42GRI) SCM castout lock percentage.
zGRJ	INT	4	(IBM name: SMF42GRJ) Total number of CF read requests that encountered retries for cast out locks.
zGSA	INT	4	(IBM name: SMF42GSA) Total number of CI splits for this interval (across the sysplex).
zGSB	INT	4	(IBM name: SMF42GSB) Total number of CA splits for this interval (across the sysplex).
zGAQ	CHAR	16	(IBM name: SMF42GAQ) Lock structure name.

Secondary segment: **SMF042#16_VSAM_RLS_Dataset_CF_SYS_64**

Field Name	Type	Len	Description
<i>SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.<fieldname></i>			
zGBA	INT	4	(IBM name: SMF42GBA) Interval length. This is the total length, in seconds, of the measurement period.
zGBB	CHAR	44	(IBM name: SMF42GBB) Data set name.
zGBC	CHAR	44	(IBM name: SMF42GBC) VSAM sphere name.
zGBD	INT	2	(IBM name: SMF42GBD) Length of storage class name.
zGBE	CHAR	30	(IBM name: SMF42GBE) Storage class name.
zA08	INT	2	(IBM name: SMF42A08) Length of cache set name.
zGBF	CHAR	30	(IBM name: SMF42GBF) Cache set name.
zGBG	CHAR	30	(IBM name: SMF42GBG) Cache structure name.
zGBH	CHAR	8	(IBM name: SMF42GBH) MVS system name.

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zGBI.<fieldname>

zGDATA	BIT	1	DATA component.
zGINDEX	BIT	1	INDEX component.

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.<fieldname>

zA09	CHAR	12	(IBM name: SMF42A09) Indicates DFSMS greater than 4K CF caching status. Value is ALL, NONE, UPDATESONLY, DIRONLY or GT4KNOTACT.
zGBK	INT	4	(IBM name: SMF42GBK) Number of lock requests processed by this MVS system.
zGBL	INT	4	(IBM name: SMF42GBL) Number of true contention lock requests.

zGBM	INT	4	(IBM name: SMF42GBM) Number of false contention lock requests.
zGZ8	INT	2	(IBM name: SMF42GZ8) SMS DIRECT WEIGHT
zGZ9	INT	2	(IBM name: SMF42GZ9) SMS SEQUENTIAL WEIGHT
zGBN	CHAR	8	(IBM name: SMF42GBN) In DFSMS 1.4, WLM SERV Class Name
zGBO	CHAR	8	(IBM name: SMF42GBO) In DFSMS 1.4, WLM Report Class Name
zGBP	CHAR	16	(IBM name: SMF42GBP) SMS data class name.

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zDASumm.<fieldname>

zGIA	INT	4	(IBM name: SMF42GIA) Coupling facility cache partition number.
zGIB	INT	4	(IBM name: SMF42GIB) Total number of direct access requests.
zGIC	INT	4	(IBM name: SMF42GIC) Number of read requests - NRI protocol (No Read Integrity). (pre-format)
zGID	INT	4	(IBM name: SMF42GID) Number of read requests - Consistent read protocol.
zGIE	INT	4	(IBM name: SMF42GIE) Number of Write requests.
zGIF	INT	4	(IBM name: SMF42GIF) Number of direct access BMF requests.
zGIG	INT	4	(IBM name: SMF42GIG) Number of direct access BMF Read requests.
zGIH	INT	4	(IBM name: SMF42GIH) Number of direct access BMF Write requests.
zGII	INT	4	(IBM name: SMF42GII) Number of direct access BMF read hits.
zGIJ	INT	4	(IBM name: SMF42GIJ) Number of direct access BMF valid read hits.
zGIK	INT	4	(IBM name: SMF42GIK) Number of BMF false invalids.
zGIL	INT	4	(IBM name: SMF42GIL) Number of direct access CF cache structure requests.
zGIM	INT	4	(IBM name: SMF42GIM) Number of direct access CF cache structure Read requests.
zGIN	INT	4	(IBM name: SMF42GIN) Number of direct access CF cache structure Write requests.
zGIO	INT	4	(IBM name: SMF42GIO) Number of direct access CF cache structure read hits.
zGIP	INT	4	(IBM name: SMF42GIP) Number of direct access CF cache structure read castins.
zGIQ	INT	8	(IBM name: SMF42GIQ) Number of direct access CF cache structure byte transferred.
zGIR	INT	4	(IBM name: SMF42GIR) Total number of real READ I/O direct requests to DASD.
zGIS	INT	4	(IBM name: SMF42GIS) Total number of real WRITE I/O direct requests to DASD.
zGIT	INT	8	(IBM name: SMF42GIT) Total number of bytes transferred to DASD for the read requests.
zGIU	INT	8	(IBM name: SMF42GIU) Total number of bytes transferred to DASD for the write requests.

zGIW	FIXED	8 (20,3)	(IBM name: SMF42GIW) Total amount of time, in milli seconds, for all the direct access requests in this interval.
zGIX	FIXED	4 (10,3)	(IBM name: SMF42GIX) Average response time for all of the requests in this interval (total time/number of requests).
zGIY	FIXED	4 (10,3)	(IBM name: SMF42GIY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zDAREDOSumm.<fieldname>			
zGJA	INT	4	(IBM name: SMF42GJA) Coupling facility cache partition number.
zGJB	INT	4	(IBM name: SMF42GJB) Total number of direct access requests. (RE-DO)
zGJC	INT	4	(IBM name: SMF42GJC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGJD	INT	4	(IBM name: SMF42GJD) Number of read requests - Consistent read protocol. (RE-DO)
zGJE	INT	4	(IBM name: SMF42GJE) Number of Write requests. (RE-DO)
zGJF	INT	4	(IBM name: SMF42GJF) Number of direct access BMF requests. (RE-DO)
zGJG	INT	4	(IBM name: SMF42GJG) Number of direct access BMF Read requests. (RE-DO)
zGJH	INT	4	(IBM name: SMF42GJH) Number of direct access BMF Write requests. (RE-DO)
zGJI	INT	4	(IBM name: SMF42GJI) Number of direct access BMF read hits. (RE-DO)
zGJJ	INT	4	(IBM name: SMF42GJJ) Number of direct access BMF valid read hits. (RE-DO)
zGJK	INT	4	(IBM name: SMF42GJK) Number of BMF false invalids. (RE-DO)
zGJL	INT	4	(IBM name: SMF42GJL) Number of direct access CF cache structure requests. (RE-DO)
zGJM	INT	4	(IBM name: SMF42GJM) Number of direct access CF cache structure Read requests. (RE-DO)
zGJN	INT	4	(IBM name: SMF42GJN) Number of direct access CF cache structure Write requests. (RE-DO)
zGJO	INT	4	(IBM name: SMF42GJO) Number of direct access CF cache structure read hits. (RE-DO)
zGJP	INT	4	(IBM name: SMF42GJP) Number of direct access CF cache structure read castins.
zGJQ	INT	8	(IBM name: SMF42GJQ) Number of direct access CF cache structure bytes transferred.
zGJR	INT	4	(IBM name: SMF42GJR) Total number of READ real I/O direct requests to DASD. (RE-DO)
zGJS	INT	4	(IBM name: SMF42GJS) Total number of WRITE real I/O direct requests to DASD. (RE-DO)
zGJT	INT	8	(IBM name: SMF42GJT) Total number of bytes transferred to DASD for the read requests.
zGJU	INT	8	(IBM name: SMF42GJU) Total number of bytes transferred to DASD for the write requests.
zGJW	FIXED	8 (20,3)	(IBM name: SMF42GJW) Total amount of time, in milli seconds, for all direct access (RE-DO) requests in this interval.
zGJX	FIXED		

		4 (10,3)	(IBM name: SMF42GJX) Average response time for all of the direct access (RE-DO) requests in this interval (total time/number of requests).
zGJY	FIXED	4 (10,3)	(IBM name: SMF42GJY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zSASumm.<fieldname>

zGKA	INT	4	(IBM name: SMF42GKA) Coupling facility cache partition number.
zGKB	INT	4	(IBM name: SMF42GKB) Total number of sequential access requests.
zGKC	INT	4	(IBM name: SMF42GKC) Number of read requests - NRI protocol (No Read Integrity).
zGKD	INT	4	(IBM name: SMF42GKD) Number of read requests - Consistent read protocol.
zGKE	INT	4	(IBM name: SMF42GKE) Number of Write requests.
zGKF	INT	4	(IBM name: SMF42GKF) Number of direct access BMF requests.
zGKG	INT	4	(IBM name: SMF42GKG) Number of direct access BMF Read requests.
zGKH	INT	4	(IBM name: SMF42GKH) Number of direct access BMF Write requests.
zGKI	INT	4	(IBM name: SMF42GKI) Number of direct access BMF read hits.
zGKJ	INT	4	(IBM name: SMF42GKJ) Number of direct access BMF valid read hits.
zGKK	INT	4	(IBM name: SMF42GKK) Number of BMF false invalids.
zGKL	INT	4	(IBM name: SMF42GKL) Number of direct access CF cache structure requests.
zGKM	INT	4	(IBM name: SMF42GKM) Number of direct access CF cache structure Read requests.
zGKN	INT	4	(IBM name: SMF42GKN) Number of direct access CF cache structure Write requests.
zGKO	INT	4	(IBM name: SMF42GKO) Number of direct access CF cache structure read hits.
zGKP	INT	4	(IBM name: SMF42GKP) Number of direct access CF cache structure read castins.
zGKQ	INT	8	(IBM name: SMF42GKQ) Number of direct access CF cache structure byte transferred.
zGKR	INT	4	(IBM name: SMF42GKR) Total number of READ real I/O sequential requests to DASD.
zGKS	INT	4	(IBM name: SMF42GKS) Total number of WRITE real I/O sequential requests to DASD.
zGKT	INT	8	(IBM name: SMF42GKT) Total number of bytes transferred for all sequential access requests where the data was retrieved from DASD. (real I/O DASD)
zGKU	INT	8	(IBM name: SMF42GKU) Total number of bytes transferred for all sequential access requests where the data was retrieved from DASD or a coupling facility cache structure. (real I/O DASD)
zGKW	INT	8	(IBM name: SMF42GKW) Total amount of time, in milli seconds, for all sequential access requests in this interval.
zGKX	INT	4	(IBM name: SMF42GKX) Average response time for all of the sequential access requests in this

			interval (total time/number of requests).
zGKY	INT	4	(IBM name: SMF42GKY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K).

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zSAREDOSumm.<fieldname>

zGLA	INT	4	(IBM name: SMF42GLA) Coupling facility cache partition number.
zGLB	INT	4	(IBM name: SMF42GLB) Total number of sequential access requests. (RE-DO)
zGLC	INT	4	(IBM name: SMF42GLC) Number of read requests - NRI protocol (No Read Integrity). (RE-DO)
zGLD	INT	4	(IBM name: SMF42GLD) Number of read requests - Consistent read protocol. (RE-DO)
zGLE	INT	4	(IBM name: SMF42GLE) Number of Write requests. (RE-DO)
zGLF	INT	4	(IBM name: SMF42GLF) Number of direct access BMF requests. (RE-DO)
zGLG	INT	4	(IBM name: SMF42GLG) Number of direct access BMF Read requests.
zGLH	INT	4	(IBM name: SMF42GLH) Number of direct access BMF Write requests.
zGLI	INT	4	(IBM name: SMF42GLI) Number of direct access BMF read hits.
zGLJ	INT	4	(IBM name: SMF42GLJ) Number of direct access BMF valid read hits.
zGLK	INT	4	(IBM name: SMF42GLK) Number of BMF false invalids. (RE-DO)
zGLL	INT	4	(IBM name: SMF42GLL) Number of direct access CF cache structure requests.
zGLM	INT	4	(IBM name: SMF42GLM) Number of direct access CF cache structure Read requests.
zGLN	INT	4	(IBM name: SMF42GLN) Number of direct access CF cache structure Write requests.
zGLO	INT	4	(IBM name: SMF42GLO) Number of direct access CF cache structure read hits. (RE-DO)
zGLP	INT	4	(IBM name: SMF42GLP) Number of direct access CF cache structure read castins.
zGLQ	INT	8	(IBM name: SMF42GLQ) Number of direct access CF cache structure bytes transferred.
zGLR	INT	4	(IBM name: SMF42GLR) Total number of READ real I/O sequential requests to DASD. (RE-DO)
zGLS	INT	4	(IBM name: SMF42GLS) Total number of WRITE real I/O sequential requests to DASD. (RE-DO)
zGLT	INT	8	(IBM name: SMF42GLT) Total number of bytes transferred to DASD for the read requests.
zGLU	INT	8	(IBM name: SMF42GLU) Total number of bytes transferred to DASD for the write requests.
zGLW	FIXED	8 (20,3)	(IBM name: SMF42GLW) Total amount of time, in milli seconds, for all sequential access (RE-DO) requests in this interval.
zGLX	FIXED	4 (10,3)	(IBM name: SMF42GLX) Average response time for all of the sequential access (RE-DO) requests in this interval (total time/number of requests).
zGLY	FIXED	4 (10,3)	(IBM name: SMF42GLY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (RE-DO)

SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zSARASumm.<fieldname>			
zGMA	INT	4	(IBM name: SMF42GMA) Coupling facility cache partition number.
zGMB	INT	4	(IBM name: SMF42GMB) Total number of sequential access requests. (read ahead)
zGMC	INT	4	(IBM name: SMF42GMC) Number of read requests - NRI protocol (No Read Integrity). (read-ahead)
zGMD	INT	4	(IBM name: SMF42GMD) Number of read requests - Consistent read protocol. (read-ahead)
zGME	INT	4	(IBM name: SMF42GME) Number of Write requests. (read-ahead)
zGMF	INT	4	(IBM name: SMF42GMF) Number of direct access BMF requests. (read-ahead)
zGMG	INT	4	(IBM name: SMF42GMG) Number of direct access BMF Read requests.
zGMH	INT	4	(IBM name: SMF42GMH) Number of direct access BMF Write requests.
zGMI	INT	4	(IBM name: SMF42GMI) Number of direct access BMF read hits.
zGMJ	INT	4	(IBM name: SMF42GMJ) Number of direct access BMF valid read hits.
zGMK	INT	4	(IBM name: SMF42GMK) Number of BMF false invalids. (read-ahead)
zGML	INT	4	(IBM name: SMF42GML) Number of direct access CF cache structure requests.
zGMM	INT	4	(IBM name: SMF42GMM) Number of direct access CF cache structure Read requests.
zGMN	INT	4	(IBM name: SMF42GMN) Number of direct access CF cache structure Write requests.
zGMO	INT	4	(IBM name: SMF42GMO) Number of direct access CF cache structure read hits. (read-ahead)
zGMP	INT	4	(IBM name: SMF42GMP) Number of direct access CF cache structure read castins.
zGMQ	INT	8	(IBM name: SMF42GMQ) Number of direct access CF cache structure byte transferred.
zGMR	INT	4	(IBM name: SMF42GMR) Total number of real READ I/O sequential requests to DASD. (read ahead)
zGMS	INT	4	(IBM name: SMF42GMS) Total number of real WRITE I/O sequential requests to DASD. (read ahead)
zGMT	INT	8	(IBM name: SMF42GMT) Total number of bytes transferred to DASD for the read requests.
zGMU	INT	8	(IBM name: SMF42GMU) Total number of bytes transferred to DASD for the write requests.
zGMW	FIXED	8 (20,3)	(IBM name: SMF42GMW) Total amount of time, in milli seconds, for all sequential access (read ahead) requests in this interval.
zGMX	FIXED	4 (10,3)	(IBM name: SMF42GMX) Average response time for all of the sequential access (read ahead) requests in this interval (total time/number of requests).
zGMY	FIXED	4 (10,3)	(IBM name: SMF42GMY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (read ahead)
SMF042#16_VSAM_RLS_Dataset_CF_SYS_64.zSAPFSumm.<fieldname>			
zGNA	INT	4	

			(IBM name: SMF42GNA) Coupling facility cache partition number.
zGNB	INT	4	(IBM name: SMF42GNB) Total number of sequential access requests. (pre-format)
zGNC	INT	4	(IBM name: SMF42GNC) Number of read requests - NRI protocol (No Read Integrity). (pre-format)
zGND	INT	4	(IBM name: SMF42GND) Number of read requests - Consistent read protocol. (pre-format)
zGNE	INT	4	(IBM name: SMF42GNE) Number of Write requests. (pre-format)
zGNF	INT	4	(IBM name: SMF42GNF) Number of direct access BMF requests. (pre-format)
zGNG	INT	4	(IBM name: SMF42GNG) Number of direct access BMF Read requests.
zGNH	INT	4	(IBM name: SMF42GNH) Number of direct access BMF Write requests.
zGNI	INT	4	(IBM name: SMF42GNI) Number of direct access BMF read hits.
zGNJ	INT	4	(IBM name: SMF42GNJ) Number of direct access BMF valid read hits.
zGNK	INT	4	(IBM name: SMF42GNK) Number of BMF false invalids. (pre-format)
zGNL	INT	4	(IBM name: SMF42GNL) Number of direct access CF cache structure requests.
zGNM	INT	4	(IBM name: SMF42GNM) Number of direct access CF cache structure Read requests.
zGNN	INT	4	(IBM name: SMF42GNN) Number of direct access CF cache structure Write requests.
zGNO	INT	4	(IBM name: SMF42GNO) Number of direct access CF cache structure read hits. (pre-format)
zGNP	INT	4	(IBM name: SMF42GNP) Number of direct access CF cache structure read castins.
zGNQ	INT	8	(IBM name: SMF42GNQ) Number of direct access CF cache structure byte transferred.
zGNR	INT	4	(IBM name: SMF42GNR) Total number of READ real I/O sequential requests to DASD. (pre-format)
zGNS	INT	4	(IBM name: SMF42GNS) Total number of WRITE real I/O sequential requests to DASD. (pre-format)
zGNT	INT	8	(IBM name: SMF42GNT) Total number of bytes transferred to DASD for the read requests.
zGNU	INT	8	(IBM name: SMF42GNU) Total number of bytes transferred to DASD for the write requests.
zGNW	FIXED	8 (20,3)	(IBM name: SMF42GNW) Total amount of time, in milli seconds, for all sequential access. (pre-format) requests in this interval.
zGNX	FIXED	4 (10,3)	(IBM name: SMF42GNX) Average response time for all of the sequential access (pre-format) requests in this interval (total time/number of requests).
zGNY	FIXED	4 (10,3)	(IBM name: SMF42GNY) Normalized response time for all of the requests in this interval (total time/number of bytes transferred/4K). (pre-format)
zGQA	INT	4	(IBM name: SMF42GQA) Number of record lock requests (obtain/alter/promote)
zGQB	INT	4	(IBM name: SMF42GQB) Number of record lock requests that cause true contention.
zGQC	INT	4	(IBM name: SMF42GQC) Number of record lock requests that cause false contention.

zGQD	INT	4	(IBM name: SMF42GQD) Number of record lock release requests.
zGQE	INT	4	(IBM name: SMF42GQE) Number of component_1 type lock requests.
zGQF	INT	4	(IBM name: SMF42GQF) Number of component_1 type release lock requests.
zGVAA	INT	4	(IBM name: SMF42GVAA) Accumulation of waiters for record lock.
zGVBA	INT	4	(IBM name: SMF42GVBA) Number of record locks hashed to the same hash table entry.
zGQH	INT	4	(IBM name: SMF42GQH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zGQI	INT	4	(IBM name: SMF42GQI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zGQJ	INT	4	(IBM name: SMF42GQJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zGQK	INT	4	(IBM name: SMF42GQK) Number of component_1 class_1 (DIWA) release lock requests.
zGQL	INT	4	(IBM name: SMF42GQL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zGQM	INT	4	(IBM name: SMF42GQM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zGQN	INT	4	(IBM name: SMF42GQN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zGQO	INT	4	(IBM name: SMF42GQO) Number of component_1 class_2 (UPGRADE) release lock requests.
zGQP	INT	4	(IBM name: SMF42GQP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zGQQ	INT	4	(IBM name: SMF42GQQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zGQR	INT	4	(IBM name: SMF42GQR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zGQS	INT	4	(IBM name: SMF42GQS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zGQT	INT	4	(IBM name: SMF42GQT) Number of component_2 lock requests (obtain/alter/promote).
zGQU	INT	4	(IBM name: SMF42GQU) Number of component_2 locks that cause true contention.
zGQV	INT	4	(IBM name: SMF42GQV) Number of component_2 locks that cause false contention.
zGQW	INT	4	(IBM name: SMF42GQW) Number of component_2 release lock requests.
zGVDA	INT	4	(IBM name: SMF42GVDA) Accumulation of waiters for DIWA lock.
zGVEA	INT	4	(IBM name: SMF42GVEA) Accumulation of waiters for UPGRADE lock.
zGVFA	INT	4	(IBM name: SMF42GVFA) Accumulation of waiters for COMP2 lock.
zGVGA	INT	4	(IBM name: SMF42GVGA) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zGTHA	INT	4	(IBM name: SMF42GTHA) Number of component_1 class 4 (INDEX Record) locks

			(obtain/alter/promote).
zGTIA	INT	4	(IBM name: SMF42GTIA) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zGTJA	INT	4	(IBM name: SMF42GTJA) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zGTKA	INT	4	(IBM name: SMF42GTKA) Number of component_1 class 4 (INDEX Record) release lock requests.
zGRL	INT	4	(IBM name: SMF42GRL) Number of RE-DO's.
zGRM	INT	4	(IBM name: SMF42GRM) Number of recursive RE-DO's.
zGRN	INT	4	(IBM name: SMF42GRN) Number of BMF writes.
zGRO	INT	4	(IBM name: SMF42GRO) Number of SCM read requests.
zGRP	INT	4	(IBM name: SMF42GRP) Number of SCM read requests that encountered castout lock contention.
zGRR	INT	4	(IBM name: SMF42GRR) RE-DO percentage.
zGRS	INT	4	(IBM name: SMF42GRS) Recursive RE-DO percentage.
zGRT	INT	4	(IBM name: SMF42GRT) SCM castout lock percentage.
zGRU	INT	4	(IBM name: SMF42GRU) Total number of CF read requests that encountered retries for cast out locks.
zGTAA	INT	4	(IBM name: SMF42GTAA) Total number of CI splits for this interval.
zGTBA	INT	4	(IBM name: SMF42GTBA) Total number of CA splits for this interval.
zGBQ	CHAR	16	(IBM name: SMF42GBQ) Lock structure name.

Record Type 42 Subtype 17 - VSAM RLS CF Lock Structure Usage

Primary Segment:

- SMF042#17_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#17_Product_Section
- SMF042#17_VSAM_RLS_CF_Lock_Activity
- SMF042#17_VSAM_RLS_CF_Lock_Summary

Primary segment: SMF042#17_DFSMS

Field Name	Type	Len	Description
SMF042#17_DFSMS.<fieldname>			
SMF042#17_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	HEX	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#17_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zHL1	INT	4	(IBM name: SMF42HL1) Offset to MVS system CF lock structure activity totals section.
zHL2	INT	2	(IBM name: SMF42HL2) Length of MVS system CF lock structure activity totals section.
zHL3	INT	2	(IBM name: SMF42HL3) Number of MVS system CF lock structure activity totals sections.
zHL4	INT	4	(IBM name: SMF42HL4) Offset to lock structure summary section.
zHL5	INT	2	(IBM name: SMF42HL5) Length of lock structure summary section.
zHL6	INT	2	

			(IBM name: SMF42HL6) Number of lock structure summary sections.
--	--	--	--

Secondary segment: **SMF042#17_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#17_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#17_VSAM_RLS_CF_Lock_Activity**

Field Name	Type	Len	Description
<i>SMF042#17_VSAM_RLS_CF_Lock_Activity.<fieldname></i>			
zHAA	INT	4	(IBM name: SMF42HAA) Interval length. This is the total length, in seconds, of the measurement period.
zHAB	CHAR	16	(IBM name: SMF42HAB) DFSMS lock table name.
zHUA	INT	4	(IBM name: SMF42HUA) Accumulation of waiters for record lock.
zHUB	INT	4	(IBM name: SMF42HUB) Number of record locks hashed to the same hash table entry.
zHUD	INT	4	(IBM name: SMF42HUD) Accumulation of waiters for DIWA lock.
zHUE	INT	4	(IBM name: SMF42HUE) Accumulation of waiters for UPGRADE lock.
zHUF	INT	4	(IBM name: SMF42HUF) Accumulation of waiters for COMP2 lock.
zHUG	INT	4	(IBM name: SMF42HUG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zHCA	INT	4	(IBM name: SMF42HCA) Number of record lock requests (obtain/alter/promote).
zHCB	INT	4	(IBM name: SMF42HCB) Number of record lock requests that cause true contention.
zHCC	INT	4	(IBM name: SMF42HCC) Number of record lock requests that cause false contention.
zHCD	INT	4	(IBM name: SMF42HCD) Number of record lock release requests.

zHCE	INT	4	(IBM name: SMF42HCE) Number of component_1 type lock requests.
zHCF	INT	4	(IBM name: SMF42HCF) Number of component_1 type release lock requests.
zHCH	INT	4	(IBM name: SMF42HCH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zHCI	INT	4	(IBM name: SMF42HCI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zHCJ	INT	4	(IBM name: SMF42HCJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zHCK	INT	4	(IBM name: SMF42HCK) Number of component_1 class_1 (DIWA) release lock requests.
zHCL	INT	4	(IBM name: SMF42HCL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zHCM	INT	4	(IBM name: SMF42HCM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zHCN	INT	4	(IBM name: SMF42HCN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zHCO	INT	4	(IBM name: SMF42HCO) Number of component_1 class_2 (UPGRADE) release lock requests.
zHCP	INT	4	(IBM name: SMF42HCP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).
zHCQ	INT	4	(IBM name: SMF42HCQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zHCR	INT	4	(IBM name: SMF42HCR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zHCS	INT	4	(IBM name: SMF42HCS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zHCT	INT	4	(IBM name: SMF42HCT) Number of component_2 lock requests (obtain/alter/promote).
zHCU	INT	4	(IBM name: SMF42HCU) Number of component_2 locks that cause true contention.
zHCV	INT	4	(IBM name: SMF42HCV) Number of component_2 locks that cause false contention.
zHCW	INT	4	(IBM name: SMF42HCW) Number of component_2 release lock requests.
zHCX	INT	4	(IBM name: SMF42HCX) Number of special lock requests.
zHEH	INT	4	(IBM name: SMF42HEH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote).
zHEI	INT	4	(IBM name: SMF42HEI) Number of component_1 class 4 (INDEX Record) locks that cause true contention.
zHEJ	INT	4	(IBM name: SMF42HEJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention.
zHEK	INT	4	(IBM name: SMF42HEK) Number of component_1 class 4 (INDEX Record) release lock requests.

Secondary segment: **SMF042#17_VSAM_RLS_CF_Lock_Summary**

Field Name	Type	Len	Description
<i>SMF042#17_VSAM_RLS_CF_Lock_Summary.<fieldname></i>			
zHBA	INT	4	(IBM name: SMF42HBA) Interval length. This is the total length, in seconds, of the measurement period.
zHBB	CHAR	16	(IBM name: SMF42HBB) DFSMS lock table name.
zHBC	CHAR	8	(IBM name: SMF42HBC) MVS system name.
zHVA	INT	4	(IBM name: SMF42HVA) Accumulation of waiters for record lock.
zHVB	INT	4	(IBM name: SMF42HVB) Number of record locks hashed to the same hash table entry.
zHVC	INT	4	(IBM name: SMF42HVC) Accumulation of waiters for DIWA lock.
zHVD	INT	4	(IBM name: SMF42HVD) Accumulation of waiters for UPGRADE lock.
zHVF	INT	4	(IBM name: SMF42HVF) Accumulation of waiters for COMP2 lock.
zHVG	INT	4	(IBM name: SMF42HVG) Number of locks (DIWA, UPGRADE, and COMP2) hashed to the same hash table entry.
zHDA	INT	4	(IBM name: SMF42HDA) Number of record lock requests (obtain/alter/promote)
zHDB	INT	4	(IBM name: SMF42HDB) Number of record lock requests that cause true contention.
zHDC	INT	4	(IBM name: SMF42HDC) Number of record lock requests that cause false contention.
zHDD	INT	4	(IBM name: SMF42HDD) Number of record lock release requests.
zHDE	INT	4	(IBM name: SMF42HDE) Number of component_1 type lock requests.
zHDF	INT	4	(IBM name: SMF42HDF) Number of component_1 type release lock requests.
zHDH	INT	4	(IBM name: SMF42HDH) Number of component_1 class_1 (DIWA) locks (obtain/alter/promote).
zHDI	INT	4	(IBM name: SMF42HDI) Number of component_1 class_1 (DIWA) locks that cause true contention.
zHDJ	INT	4	(IBM name: SMF42HDJ) Number of component_1 class_1 (DIWA) locks that cause false contention.
zHDK	INT	4	(IBM name: SMF42HDK) Number of component_1 class_1 (DIWA) release lock requests.
zHDL	INT	4	(IBM name: SMF42HDL) Number of component_1 class_2 (UPGRADE) locks (obtain/alter/promote).
zHDM	INT	4	(IBM name: SMF42HDM) Number of component_1 class_2 (UPGRADE) locks that cause true contention.
zHDN	INT	4	(IBM name: SMF42HDN) Number of component_1 class_2 (UPGRADE) locks that cause false contention.
zHDO	INT	4	(IBM name: SMF42HDO) Number of component_1 class_2 (UPGRADE) release lock requests.
zHDP	INT	4	(IBM name: SMF42HDP) Number of component_1 class_3 (PREFORMAT) locks (obtain/alter/promote).

zHDQ	INT	4	(IBM name: SMF42HDQ) Number of component_1 class_3 (PREFORMAT) locks that cause true contention.
zHDR	INT	4	(IBM name: SMF42HDR) Number of component_1 class_3 (PREFORMAT) locks that cause false contention.
zHDS	INT	4	(IBM name: SMF42HDS) Number of component_1 class_3 (PREFORMAT) release lock requests.
zHDT	INT	4	(IBM name: SMF42HDT) Number of component_2 lock requests (obtain/alter/promote).
zHDU	INT	4	(IBM name: SMF42HDU) Number of component_2 locks that cause true contention.
zHDV	INT	4	(IBM name: SMF42HDV) Number of component_2 locks that cause false contention.
zHDW	INT	4	(IBM name: SMF42HDW) Number of component_2 release lock requests.
zHDX	INT	4	(IBM name: SMF42HDX) Number of special lock requests.
zHFH	INT	4	(IBM name: SMF42HFH) Number of component_1 class 4 (INDEX Record) locks (obtain/alter/promote)
zHFI	INT	4	(IBM name: SMF42HFI) Number of component_1 class 4 (INDEX Record) locks that cause true contention
zHFJ	INT	4	(IBM name: SMF42HFJ) Number of component_1 class 4 (INDEX Record) locks that cause false contention
zHFK	INT	4	(IBM name: SMF42HFK) Number of component_1 class 4 (INDEX Record) release lock requests

Record Type 42 Subtype 18 - VSAM RLS CF Cache Partition Usage

Primary Segment:

- SMF042#18_DFSMS

Secondary Segment(s): 4 (in alphabetical order)

- SMF042#18_Product_Section
- SMF042#18_VSAM_RLS_CFCache_Activity
- SMF042#18_VSAM_RLS_CFCache_DirElem
- SMF042#18_VSAM_RLS_CFCache_Summary

Primary segment: SMF042#18_DFSMS

Field Name	Type	Len	Description
<i>SMF042#18_DFSMS.<fieldname></i>			
<i>SMF042#18_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF042#18_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zIM1	INT	4	(IBM name: SMF42IM1) Offset to CF cache partition activity totals section.
zIM2	INT	2	(IBM name: SMF42IM2) Length of CF cache partition activity totals section.
zIM3	INT	2	(IBM name: SMF42IM3) Number of CF cache partition activity totals sections.
zIM4	INT	4	(IBM name: SMF42IM4) Offset to single CF cache partition summary section.
zIM5	INT	2	(IBM name: SMF42IM5) Length of single CF cache partition summary section.

zIM6	INT	2	(IBM name: SMF42IM6) Number of single CF cache partition summary sections.
zIM7	INT	4	(IBM name: SMF42IM7) Offset to directory/element ratio data sections.
zIM8	INT	2	(IBM name: SMF42IM8) Length of directory/element ratio data sections.
zIM9	INT	2	(IBM name: SMF42IM9) Number of directory/element ratio data sections.

Secondary segment: **SMF042#18_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#18_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#18_VSAM_RLS_CFCache_Activity**

Field Name	Type	Len	Description
<i>SMF042#18_VSAM_RLS_CFCache_Activity.<fieldname></i>			
zIAA	INT	4	(IBM name: SMF42IAA) Interval length. This is the total length, in seconds, of the measurement period.
zIBG	CHAR	16	(IBM name: SMF42IBG) Partition type (sequential, direct, or combined).
zIBH	INT	4	(IBM name: SMF42IBH) DFSMS specified cache weight.
zI01	CHAR	12	(IBM name: SMF42I01) Partition name.
zIAD	INT	4	(IBM name: SMF42IAD) Coupling facility cache partition number.
zIAE	INT	4	(IBM name: SMF42IAE) Status conditions.
zIAF	INT	4	(IBM name: SMF42IAF) Read-hit counter.
zIAG	INT	4	(IBM name: SMF42IAG) Read-miss directory-hit counter.
zIAH	INT	4	(IBM name: SMF42IAH) Read-miss assignment-suppressed counter.

zIAI	INT	4	(IBM name: SMF42IAI) Read-miss name-assigned counter.
zIAJ	INT	4	(IBM name: SMF42IAJ) Read-miss target storage class full counter.
zIAK	INT	4	(IBM name: SMF42IAK) Write-hit change bit 0 COUNTER.
zIAL	INT	4	(IBM name: SMF42IAL) Write-hit change bit 1 COUNTER.
zIAM	INT	4	(IBM name: SMF42IAM) Write-miss not-registered counter.
zIAN	INT	4	(IBM name: SMF42IAN) Write-miss invalid state counter.
zIAO	INT	4	(IBM name: SMF42IAO) Write-miss target storage class full counter.
zIAP	INT	4	(IBM name: SMF42IAP) Directory entry reclaim counter.
zIAQ	INT	4	(IBM name: SMF42IAQ) Data table entry reclaim counter.
zIAR	INT	4	(IBM name: SMF42IAR) Cross invalidate (XI) for directory reclaim counter.
zIAS	INT	4	(IBM name: SMF42IAS) XI for write counter.
zIAT	INT	4	(IBM name: SMF42IAT) XI for name invalidation counter.
zIAU	INT	4	(IBM name: SMF42IAU) XI for complement invalidation counter.
zIAV	INT	4	(IBM name: SMF42IAV) Cast-out counter.
zIAW	INT	4	(IBM name: SMF42IAW) Reference signal miss counter.
zIAX	INT	4	(IBM name: SMF42IAX) Target storage class full counter.
zIAY	INT	4	(IBM name: SMF42IAY) Directory entry counter.
zIAZ	INT	4	(IBM name: SMF42IAZ) Data area element counter.
zIBA	INT	4	(IBM name: SMF42IBA) Total changed counter.
zIBB	INT	4	(IBM name: SMF42IBB) Data area counter.
zIBC	INT	4	(IBM name: SMF42IBC) Completed reference lists counter.
zIBD	INT	4	(IBM name: SMF42IBD) Partially completed reference lists counter.
zIBE	INT	4	(IBM name: SMF42IBE) XI for local cache vector entry replacement counter.
zIBF	INT	4	(IBM name: SMF42IBF) Write unchanged with XI counter.

Secondary segment: SMF042#18_VSAM_RLS_CFCache_Summary

Field Name	Type	Len	Description
SMF042#18_VSAM_RLS_CFCache_Summary.<fieldname>			

zICA	INT	4	(IBM name: SMF42ICA) Interval length. This is the total length, in seconds, of the measurement period.
zICB	CHAR	30	(IBM name: SMF42ICB) DFSMS cache structure name.
zIDG	CHAR	16	(IBM name: SMF42IDG) Partition type (sequential, direct, or combined).
zIDH	INT	4	(IBM name: SMF42IDH) DFSMS specified cache weight.
zICD	INT	4	(IBM name: SMF42ICD) Coupling facility cache partition number.
zICE	INT	4	(IBM name: SMF42ICE) Status conditions.
zICF	INT	4	(IBM name: SMF42ICF) Read-hit counter.
zICG	INT	4	(IBM name: SMF42ICG) Read-miss directory-hit counter.
zICH	INT	4	(IBM name: SMF42ICH) Read-miss assignment suppressed counter.
zICI	INT	4	(IBM name: SMF42ICI) Read-miss name assigned counter.
zICJ	INT	4	(IBM name: SMF42ICJ) Read-miss target storage class full counter.
zICK	INT	4	(IBM name: SMF42ICK) Write-hit change bit 0 COUNTER.
zICL	INT	4	(IBM name: SMF42ICL) Write-hit change bit 1 COUNTER.
zICM	INT	4	(IBM name: SMF42ICM) Write-miss not-registered counter.
zICN	INT	4	(IBM name: SMF42ICN) Write-miss invalid state counter.
zICO	INT	4	(IBM name: SMF42ICO) Write-miss target storage class full counter.
zICP	INT	4	(IBM name: SMF42ICP) Directory entry reclaim counter.
zICQ	INT	4	(IBM name: SMF42ICQ) Data table entry reclaim counter.
zICR	INT	4	(IBM name: SMF42ICR) XI for directory reclaim counter.
zICS	INT	4	(IBM name: SMF42ICS) XI for write counter.
zICT	INT	4	(IBM name: SMF42ICT) XI for name invalidation counter.
zICU	INT	4	(IBM name: SMF42ICU) XI for complement invalidation counter.
zICV	INT	4	(IBM name: SMF42ICV) Cast-out counter.
zICW	INT	4	(IBM name: SMF42ICW) Reference signal miss counter.
zICX	INT	4	(IBM name: SMF42ICX) Target storage class full counter.
zICY	INT	4	(IBM name: SMF42ICY) Directory entry counter.
zICZ	INT	4	(IBM name: SMF42ICZ) Data area element counter.
zIDA	INT	4	

			(IBM name: SMF42IDA) Total changed counter.
zIDB	INT	4	(IBM name: SMF42IDB) Data area counter.
zIDC	INT	4	(IBM name: SMF42IDC) Completed reference lists counter.
zIDD	INT	4	(IBM name: SMF42IDD) Partially completed reference lists counter.
zIDE	INT	4	(IBM name: SMF42IDE) XI for local cache vector entry replacement counter.
zIDF	INT	4	(IBM name: SMF42IDF) Write unchanged with XI counter.

Secondary segment: SMF042#18_VSAM_RLS_CFCache_DirElem

Field Name	Type	Len	Description
<i>SMF042#18_VSAM_RLS_CFCache_DirElem.<fieldname></i>			
zIEA	INT	4	(IBM name: SMF42IEA) Interval length. This is the total length, in seconds, of the measurement period.
zIEB	CHAR	30	(IBM name: SMF42IEB) DFSMS cache structure name.
zIEC	INT	4	(IBM name: SMF42IEC) Number of changes to directory portion of directory/element ratio.
zIED	INT	4	(IBM name: SMF42IED) Number of changes to element portion of directory/element ratio.
zIEE	INT	4	(IBM name: SMF42IEE) Low ratio value for directory portion of directory/element ratio.
zIEF	INT	4	(IBM name: SMF42IEF) Low ratio value for element portion of directory/element ratio.
zIEG	INT	4	(IBM name: SMF42IEG) High ratio value for directory portion of directory/element ratio.
zIEH	INT	4	(IBM name: SMF42IEH) High ratio value for element portion of directory/element ratio.
zIEI	INT	4	(IBM name: SMF42IEI) Current ratio value for directory portion of directory/element ratio.
zIEJ	INT	4	(IBM name: SMF42IEJ) Current ratio value for element portion of directory/element ratio.

Record Type 42 Subtype 19 - VSAM RLS Buffer Manager LRU Activity

Primary Segment:

- SMF042#19_DFSMS

Secondary Segment(s): 5 (in alphabetical order)

- SMF042#19_Product_Section
- SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex
- SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64
- SMF042#19_VSAM_RLS_Local_Buffer_Manager_System
- SMF042#19_VSAM_RLS_Local_Buffer_Manager_System_64

Primary segment: SMF042#19_DFSMS

Field Name	Type	Len	Description
SMF042#19_DFSMS.<fieldname>			
SMF042#19_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
SMF042#19_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zJX1	INT	4	(IBM name: N/A) Offset to Sysplex Buffer Manager LRU activity totals section.
zJX2	INT	2	(IBM name: N/A) Length of Sysplex Buffer Manager LRU activity totals section.
zJX3	INT	2	(IBM name: N/A) Number of Sysplex Buffer Manager LRU activity totals sections.
zJX4	INT	4	(IBM name: N/A) Offset to Local Buffer Manager LRU activity section.
zJX5	INT	2	(IBM name: N/A) Length of Local Buffer Manager LRU activity section.

zJX6	INT	2	(IBM name: N/A) Number of Local Buffer Manager LRU activity sections.
zJX7	INT	4	(IBM name: N/A) Offset to Sysplex Buffer Manager LRU activity totals section.
zJX8	INT	2	(IBM name: N/A) Length of Sysplex Buffer Manager LRU activity totals section.
zJX9	INT	2	(IBM name: N/A) Number of Sysplex Buffer Manager LRU activity totals sections.
zJXA	INT	4	(IBM name: N/A) Offset to Local Buffer Manager LRU activity section.
zJXB	INT	2	(IBM name: N/A) Length of Local Buffer Manager LRU activity section.
zJXC	INT	2	(IBM name: N/A) Number of Local Buffer Manager LRU activity sections.

Secondary segment: **SMF042#19_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#19_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex**

Field Name	Type	Len	Description
<i>SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex.<fieldname></i>			
zJNA	INT	4	(IBM name: SMF42JNA) Interval length. This is the total length, in seconds, of the measurement period.
zJNE	FIXED	8 (20,3)	(IBM name: SMF42JNE) Average CPU time for all systems in sysplex (in milli-seconds).
zJNF	FIXED	8 (20,3)	(IBM name: SMF42JNF) Total CPU time for this record (in milli-seconds).
zJN7	INT	4	(IBM name: SMF42JN7) Total number of write requests (sysplex totals).
zJNG	INT	4	(IBM name: SMF42JNG) Average number of Buffer Manager LRU intervals processed (sysplex totals).
zJNH	INT	4	(IBM name: SMF42JNH) Total number of Buffer Manager LRU intervals processed (across sysplex).

zJNI	INT	4	(IBM name: SMF42JNI) Average number of Buffer Manager LRU intervals where BMF was over the goal, and normal algorithms were bypassed to reclaim buffers.
zJNJ	INT	4	(IBM name: SMF42JNJ) Total number of Buffer Manager LRU intervals where BMF was over the goal, and normal algorithms were bypassed to reclaim buffers (across sysplex).
zJNK	INT	4	(IBM name: SMF42JNK) Average number of times that BMF was called in this interval.
zJNL	INT	4	(IBM name: SMF42JNL) Total number of times that BMF was called in this interval (across sysplex).
zJNM	INT	4	(IBM name: SMF42JNM) Average number of Buffer Manager 'hits' during this interval.
zJNN	INT	4	(IBM name: SMF42JNN) Total number of Buffer Manager 'hits' during this interval.
zJNO	INT	4	(IBM name: SMF42JNO) Buffer Manager 'hits' current percentage during this interval.
zJNP	INT	4	(IBM name: SMF42JNP) Buffer Manager 'hits' low percentage during this interval.
zJNQ	INT	4	(IBM name: SMF42JNQ) Buffer Manager 'hits' high percentage during this interval.
zJNR	INT	4	(IBM name: SMF42JNR) Buffer Manager average 'hits' during this interval.
zJNS	INT	4	(IBM name: SMF42JNS) Average Sysplex Cache manager number of 'hits' during this interval.
zJNT	INT	4	(IBM name: SMF42JNT) Total Sysplex Cache manager number of 'hits' during this interval.
zJNU	INT	4	(IBM name: SMF42JNU) Sysplex Cache manager number of 'hits' current percentage during this interval.
zJNV	INT	4	(IBM name: SMF42JNV) Sysplex Cache manager number of 'hits' low percentage during this interval.
zJNW	INT	4	(IBM name: SMF42JNW) Sysplex Cache manager number of 'hits' high percentage during this interval.
zJNX	INT	4	(IBM name: SMF42JNX) Sysplex Cache manager number of 'hits' average percentage during this interval.
zJNY	INT	4	(IBM name: SMF42JNY) Average DASD number of 'hits' during this interval.
zJNZ	INT	4	(IBM name: SMF42JNZ) Total DASD number of 'hits' during this interval.
zJOA	INT	4	(IBM name: SMF42JOA) DASD 'hits' current percentage during this interval.
zJOB	INT	4	(IBM name: SMF42JOB) DASD 'hits' low percentage during this interval.
zJOC	INT	4	(IBM name: SMF42JOC) DASD 'hits' high percentage during this interval.
zJOD	INT	4	(IBM name: SMF42JOD) DASD average 'hits' during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex.zJOE.<fieldname>

zJOF	INT	4	(IBM name: SMF42JOF) Average low value of the number of BMF buffers for this pool during this interval.
zJOG	INT	4	(IBM name: SMF42JOG) Average high value of the number of BMF buffers for this pool during this interval.

zJOH	INT	4	(IBM name: SMF42JOH) Average current value of the number of BMF buffers for this pool during this interval.
zJOJ	INT	4	(IBM name: SMF42JOJ) Average low value of the number of extents for this pool during this interval.
zJOK	INT	4	(IBM name: SMF42JOK) Average high value of the number of extents for this pool during this interval.
zJOL	INT	4	(IBM name: SMF42JOL) Average current value of the number of extents for this pool during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex.zJRI.<fieldname>

zJRJ	INT	4	(IBM name: SMF42JRJ) Low value of the number of BMF buffers for this pool during this interval.
zJRK	INT	4	(IBM name: SMF42JRK) High value of the number of BMF buffers for this pool during this interval.
zJRL	INT	4	(IBM name: SMF42JRL) Value of the number of BMF buffers for this pool during this interval.
zJRN	INT	4	(IBM name: SMF42JRN) Low value of the number of extents for this pool during this interval.
zJRO	INT	4	(IBM name: SMF42JRO) High value of the number of extents for this pool during this interval.
zJRP	INT	4	(IBM name: SMF42JRP) Current value of the number of extents for this pool during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex.<fieldname>

zJON	INT	4	(IBM name: SMF42JON) Average buffer size goal (in megabytes) - low value.
zJOO	INT	4	(IBM name: SMF42JOO) Total Buffer size goal (in megabytes) - Low value.
zJOP	INT	4	(IBM name: SMF42JOP) Average Buffer size goal (in megabytes) - high value.
zJOQ	INT	4	(IBM name: SMF42JOQ) Total Buffer size goal (in megabytes) - high value.
zJOR	INT	4	(IBM name: SMF42JOR) Average Buffer size goal (in megabytes) - current value.
zJOS	INT	4	(IBM name: SMF42JOS) Total Buffer size goal (in megabytes) - current value.
zJOT	INT	4	(IBM name: SMF42JOT) Total Buffer size goal (in megabytes) - average value.
zJOV	INT	4	(IBM name: SMF42JOV) Average Buffer size Calculated (in megabytes) - low value.
zJOW	INT	4	(IBM name: SMF42JOW) Total Buffer size Calculated (in megabytes) - low value.
zJOX	INT	4	(IBM name: SMF42JOX) Average Buffer size Calculated (in megabytes) - high value.
zJOY	INT	4	(IBM name: SMF42JOY) Total Buffer size Calculated (in megabytes) - high value.
zJOZ	INT	4	(IBM name: SMF42JOZ) Average Buffer size Calculated (in megabytes) - current value.
zJRA	INT	4	(IBM name: SMF42JRA) Total Buffer size Calculated (in megabytes) - current value.
zJRB	INT	4	(IBM name: SMF42JRB) Total Buffer size Calculated (in megabytes) - Average value.
zJRC	INT	4	

			(IBM name: SMF42JRC) Total number of CF read requests that encountered retries for cast out locks for this interval (across the sysplex).
zJRF	INT	4	(IBM name: SMF42JRF) Average calculated megabytes distribution array (16 entries). Each entry contains the number of times the calculated value occurred within a 100MB span. 1st => 0-99MB, 2nd => 100-199MB, ..., 16th => >1500MB.
zJRH	INT	4	(IBM name: SMF42JRH) Total calculated megabytes distribution array (16 entries). Each entry contains the number of times the calculated value occurred within a 100MB span. 1st => 0-99MB, 2nd => 100-199MB, ..., 16th => >1500MB.
zJTA	INT	4	(IBM name: SMF42JTA) Average number of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTB	INT	4	(IBM name: SMF42JTB) Total number of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTC	INT	4	(IBM name: SMF42JTC) Average number of SCM read requests during this interval (across the sysplex).
zJTD	INT	4	(IBM name: SMF42JTD) Total number of SCM read requests during this interval (across the sysplex).
zJTE	INT	4	(IBM name: SMF42JTE) Current percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTF	INT	4	(IBM name: SMF42JTF) Low percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTG	INT	4	(IBM name: SMF42JTG) High percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTH	INT	4	(IBM name: SMF42JTH) Average percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTI	INT	4	(IBM name: SMF42JTI) Average number of RE-DO's during this interval (across the sysplex).
zJTJ	INT	4	(IBM name: SMF42JTJ) Total number of RE-DO's during this interval (across the sysplex).
zJTK	INT	4	(IBM name: SMF42JTK) Average number of recursive RE-DO's during this interval (across the sysplex).
zJTL	INT	4	(IBM name: SMF42JTL) Total number of recursive redo during this interval (across the sysplex).
zJTM	INT	4	(IBM name: SMF42JTM) Current percentage of RE-DO's during this interval (across the sysplex).
zJTN	INT	4	(IBM name: SMF42JTN) Low percentage of RE-DO's during this interval (across the sysplex).
zJTO	INT	4	(IBM name: SMF42JTO) High percentage of RE-DO's during this interval (across the sysplex).
zJTP	INT	4	(IBM name: SMF42JTP) Average percentage of RE-DO's during this interval (across the sysplex).
zJTQ	INT	4	(IBM name: SMF42JTQ) Current percentage of Recursive RE-DO's during this interval (across the sysplex).
zJTR	INT	4	(IBM name: SMF42JTR) Low percentage of Recursive RE-DO's during this interval (across the sysplex).
zJTS	INT	4	(IBM name: SMF42JTS) High percentage of Recursive RE-DO's during this interval (across the sysplex).

zJTT	INT	4	(IBM name: SMF42JTT) Average percentage of Recursive RE-DO's during this interval (across the sysplex).
zJUA	INT	4	(IBM name: SMF42JUA) Average number of buffer manager LRU intervals processed, where BMF was over the goal accelerated the aging, but did not go into panic mode (across the sysplex).
zJUB	INT	4	(IBM name: SMF42JUB) Total number of buffer manager LRU intervals processed, where BMF was over the goal accelerated the aging, but did not go into panic mode (across the sysplex).

Secondary segment: SMF042#19_VSAM_RLS_Local_Buffer_Manager_System

Field Name	Type	Len	Description
<i>SMF042#19_VSAM_RLS_Local_Buffer_Manager_System.<fieldname></i>			
zJPA	INT	4	(IBM name: SMF42JPA) Interval length. This is the total length, in seconds, of the measurement period.
zJPB	CHAR	8	(IBM name: SMF42JPB) MVS system name.
zJPE	FIXED	8 (20,3)	(IBM name: SMF42JPE) Average CPU time for all systems in sysplex (in milliseconds).
zJPF	FIXED	8 (20,3)	(IBM name: SMF42JPF) Total CPU time for this record (in milliseconds).
zJP6	INT	4	(IBM name: SMF42JP6) Total number of write requests.
zJPG	INT	4	(IBM name: SMF42JPG) Number of Buffer Manager LRU intervals processed.
zJPH	INT	4	(IBM name: SMF42JPH) Number of Buffer Manager LRU intervals where BMF was over the goal, and normal algorithms were bypassed to reclaim buffers
zJPI	INT	4	(IBM name: SMF42JPI) Total number of times that BMF was called in this interval.
zJP2	INT	4	(IBM name: SMF42JP2) Number of buffer manager LRU intervals processed, where BMF was over the goal, accelerated the aging, but did not go into panic mode.
zJPJ	INT	4	(IBM name: SMF42JPJ) Buffer Manager number of hits during this interval.
zJPK	INT	4	(IBM name: SMF42JPK) Buffer Manager number of hits current percentage during this interval.
zJPL	INT	4	(IBM name: SMF42JPL) Buffer Manager number of hits low percentage during this interval.
zJPM	INT	4	(IBM name: SMF42JPM) Buffer Manager number of hits high percentage during this interval.
zJPN	INT	4	(IBM name: SMF42JPN) Buffer Manager average hits during this interval.
zJPO	INT	4	(IBM name: SMF42JPO) Sysplex Cache manager number of hits during this interval.
zJPP	INT	4	(IBM name: SMF42JPP) Sysplex Cache manager number of hits current percentage during this interval.
zJPQ	INT	4	(IBM name: SMF42JPQ) Sysplex Cache manager number of hits low percentage during this interval.
zJPR	INT	4	(IBM name: SMF42JPR) Sysplex Cache manager number of hits high percentage during this

			interval.
zJPS	INT	4	(IBM name: SMF42JPS) Sysplex Cache manager number of hits average percentage during this interval.
zJPT	INT	4	(IBM name: SMF42JPT) DASD number of hits during this interval.
zJPU	INT	4	(IBM name: SMF42JPU) DASD hits current percentage during this interval.
zJPV	INT	4	(IBM name: SMF42JPV) DASD hits low percentage during this interval.
zJPW	INT	4	(IBM name: SMF42JPW) DASD hits high percentage during this interval.
zJPX	INT	4	(IBM name: SMF42JPX) DASD average hits during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_System.zJPY.<fieldname>

zJPZ	INT	4	(IBM name: SMF42JPZ) Low value of the number of BMF buffers for this pool during this interval.
zJQA	INT	4	(IBM name: SMF42JQA) High value of the number of BMF buffers for this pool during this interval.
zJQB	INT	4	(IBM name: SMF42JQB) Current value of the number of BMF buffers for this pool during this interval.
zJQC	INT	4	(IBM name: SMF42JQC) Low value of the number of extents for this pool during this interval.
zJQD	INT	4	(IBM name: SMF42JQD) High value of the number of extents for this pool during this interval.
zJQF	INT	4	(IBM name: SMF42JQF) Current value of the number of extents for this pool during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_System.<fieldname>

zJQG	INT	4	(IBM name: SMF42JQG) Buffer size goal (in megabytes) - low value.
zJQH	INT	4	(IBM name: SMF42JQH) Buffer size goal (in megabytes) - high value.
zJQI	INT	4	(IBM name: SMF42JQI) Buffer size goal (in megabytes) - current value.
zJQJ	INT	4	(IBM name: SMF42JQJ) Buffer size goal (in megabytes) - average value.
zJQK	INT	4	(IBM name: SMF42JQK) Buffer size Calculated (in megabytes) - low value.
zJQL	INT	4	(IBM name: SMF42JQL) Buffer size Calculated (in megabytes) - high value.
zJQM	INT	4	(IBM name: SMF42JQM) Buffer size Calculated (in megabytes) - current value.
zJQN	INT	4	(IBM name: SMF42JQN) Buffer size Calculated (in megabytes) - Average value.
zJQ2	INT	4	(IBM name: SMF42JQ2) Total number of CF read requests that encountered retries for cast out locks for this interval.
zJQP	INT	4	(IBM name: SMF42JQP) Calculated megabytes distribution array (16 entries). Each entry contains the number of times the calculated value occurred within a 100MB span. 1st => 0-99MB, 2nd => 100-199MB, ..., 16th => >1500MB.
zJSA	INT	4	(IBM name: SMF42JSA) Number of SCM read requests, which encountered castout contention during this interval.

zJSB	INT	4	(IBM name: SMF42JSB) Number of SCM read requests during this interval.
zJSC	INT	4	(IBM name: SMF42JSC) Current percentage of SCM read requests, which encountered cast contention during this interval. (Value is for the last LRU cycle before the SMF record was processed.)
zJSD	INT	4	(IBM name: SMF42JSD) Low percentage during this interval for zJSC.
zJSE	INT	4	(IBM name: SMF42JSE) High percentage during this interval for zJSC.
zJSF	INT	4	(IBM name: SMF42JSF) Average percentage during this interval for zJSC.
zJSG	INT	4	(IBM name: SMF42JSG) Number of RE-DO's during this interval.
zJSH	INT	4	(IBM name: SMF42JSH) Current percentage of RE-DO's during this interval. (Value is for the last LRU cycle before the SMF record was processed.)
zJSI	INT	4	(IBM name: SMF42JSI) Low percentage during this interval for zJSH.
zJSJ	INT	4	(IBM name: SMF42JSJ) High percentage during this interval for zJSH.
zJSK	INT	4	(IBM name: SMF42JSK) Average percentage during this interval for zJSH.
zJSL	INT	4	(IBM name: SMF42JSL) Number of recursive RE-DO's during this interval.
zJSM	INT	4	(IBM name: SMF42JSM) Current percentage of recursive RE-DO's during this interval. (Value is for the last LRU cycle before the SMF record was processed.)
zJSN	INT	4	(IBM name: SMF42JSN) Low percentage during this interval for zJSM.
zJSO	INT	4	(IBM name: SMF42JSO) High percentage during this interval for zJSM.
zJSP	INT	4	(IBM name: SMF42JSP) Average percentage during this interval for zJSM.
zJUC	INT	4	(IBM name: SMF42JUC) Low number of fixed 4 K pages in use (above and below the bar).
zJUD	INT	4	(IBM name: SMF42JUD) High number of fixed 4 K pages in use (above and below the bar).
zJUE	INT	4	(IBM name: SMF42JUE) Average number of fixed 4 K pages in use (above and below the bar).
zJUF	INT	4	(IBM name: SMF42JUF) Maximum amount of fixed storage (in megabytes). Set by RLSFIXEDPOOLSIZE.
zJUG	INT	4	(IBM name: SMF42JUG) Percentage of available real storage that can be used by fixed pages.

Secondary segment: SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64

Field Name	Type	Len	Description
SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64.<fieldname>			
zJNA	INT	4	(IBM name: SMF42JNA) Interval length. This is the total length, in seconds, of the measurement period.
zJNE	FIXED	8 (20,3)	(IBM name: SMF42JNE) Average CPU time for all systems in sysplex (in milli-seconds).

zJNF	FIXED	8 (20,3)	(IBM name: SMF42JNF) Total CPU time for this record (in milli-seconds).
zJN7	INT	4	(IBM name: SMF42JN7) Total number of write requests (sysplex totals).
zJNG	INT	4	(IBM name: SMF42JNG) Average number of Buffer Manager LRU intervals processed (sysplex totals).
zJNH	INT	4	(IBM name: SMF42JNH) Total number of Buffer Manager LRU intervals processed (across sysplex).
zJNI	INT	4	(IBM name: SMF42JNI) Average number of Buffer Manager LRU intervals where BMF was over the goal, and normal algorithms were bypassed to reclaim buffers.
zJNJ	INT	4	(IBM name: SMF42JNJ) Total number of Buffer Manager LRU intervals where BMF was over the goal, and normal algorithms were bypassed to reclaim buffers (across sysplex).
zJNK	INT	4	(IBM name: SMF42JNK) Average number of times that BMF was called in this interval.
zJNL	INT	4	(IBM name: SMF42JNL) Total number of times that BMF was called in this interval (across sysplex).
zJNM	INT	4	(IBM name: SMF42JNM) Average number of Buffer Manager 'hits' during this interval.
zJNN	INT	4	(IBM name: SMF42JNN) Total number of Buffer Manager 'hits' during this interval.
zJNO	INT	4	(IBM name: SMF42JNO) Buffer Manager 'hits' current percentage during this interval.
zJNP	INT	4	(IBM name: SMF42JNP) Buffer Manager 'hits' low percentage during this interval.
zJNQ	INT	4	(IBM name: SMF42JNQ) Buffer Manager 'hits' high percentage during this interval.
zJNR	INT	4	(IBM name: SMF42JNR) Buffer Manager average 'hits' during this interval.
zJNS	INT	4	(IBM name: SMF42JNS) Average Sysplex Cache manager number of 'hits' during this interval.
zJNT	INT	4	(IBM name: SMF42JNT) Total Sysplex Cache manager number of 'hits' during this interval.
zJNU	INT	4	(IBM name: SMF42JNU) Sysplex Cache manager number of 'hits' current percentage during this interval.
zJNV	INT	4	(IBM name: SMF42JNV) Sysplex Cache manager number of 'hits' low percentage during this interval.
zJNW	INT	4	(IBM name: SMF42JNW) Sysplex Cache manager number of 'hits' high percentage during this interval.
zJNX	INT	4	(IBM name: SMF42JNX) Sysplex Cache manager number of 'hits' average percentage during this interval.
zJNY	INT	4	(IBM name: SMF42JNY) Average DASD number of 'hits' during this interval.
zJNZ	INT	4	(IBM name: SMF42JNZ) Total DASD number of 'hits' during this interval.
zJOA	INT	4	(IBM name: SMF42JOA) DASD 'hits' current percentage during this interval.
zJOB	INT	4	(IBM name: SMF42JOB) DASD 'hits' low percentage during this interval.
zJOC	INT	4	(IBM name: SMF42JOC) DASD 'hits' high percentage during this interval.

zJOD	INT	4	(IBM name: SMF42JOD) DASD average 'hits' during this interval.
------	-----	---	---

SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64.zJOE.<fieldname>

zJOF	INT	4	(IBM name: SMF42JOF) Average low value of the number of BMF buffers for this pool during this interval.
zJOG	INT	4	(IBM name: SMF42JOG) Average high value of the number of BMF buffers for this pool during this interval.
zJOH	INT	4	(IBM name: SMF42JOH) Average current value of the number of BMF buffers for this pool during this interval.
zJOJ	INT	4	(IBM name: SMF42JOJ) Average low value of the number of extents for this pool during this interval.
zJOK	INT	4	(IBM name: SMF42JOK) Average high value of the number of extents for this pool during this interval.
zJOL	INT	4	(IBM name: SMF42JOL) Average current value of the number of extents for this pool during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64.zJRI.<fieldname>

zJRJ	INT	4	(IBM name: SMF42JRJ) Low value of the number of BMF buffers for this pool during this interval.
zJRK	INT	4	(IBM name: SMF42JRK) High value of the number of BMF buffers for this pool during this interval.
zJRL	INT	4	(IBM name: SMF42JRL) Value of the number of BMF buffers for this pool during this interval.
zJRN	INT	4	(IBM name: SMF42JRN) Low value of the number of extents for this pool during this interval.
zJRO	INT	4	(IBM name: SMF42JRO) High value of the number of extents for this pool during this interval.
zJRP	INT	4	(IBM name: SMF42JRP) Current value of the number of extents for this pool during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_Sysplex_64.<fieldname>

zJON	INT	4	(IBM name: SMF42JON) Average buffer size goal (in megabytes) - low value.
zJOO	INT	4	(IBM name: SMF42JOO) Total Buffer size goal (in megabytes) - Low value.
zJOP	INT	4	(IBM name: SMF42JOP) Average Buffer size goal (in megabytes) - high value.
zJOQ	INT	4	(IBM name: SMF42JOQ) Total Buffer size goal (in megabytes) - high value.
zJOR	INT	4	(IBM name: SMF42JOR) Average Buffer size goal (in megabytes) - current value.
zJOS	INT	4	(IBM name: SMF42JOS) Total Buffer size goal (in megabytes) - current value.
zJOT	INT	4	(IBM name: SMF42JOT) Total Buffer size goal (in megabytes) - average value.
zJOV	INT	4	(IBM name: SMF42JOV) Average Buffer size Calculated (in megabytes) - low value.
zJOW	INT	4	(IBM name: SMF42JOW) Total Buffer size Calculated (in megabytes) - low value.
zJOX	INT	4	(IBM name: SMF42JOX) Average Buffer size Calculated (in megabytes) - high value.

zJOY	INT	4	(IBM name: SMF42JOY) Total Buffer size Calculated (in megabytes) - high value.
zJOZ	INT	4	(IBM name: SMF42JOZ) Average Buffer size Calculated (in megabytes) - current value.
zJRA	INT	4	(IBM name: SMF42JRA) Total Buffer size Calculated (in megabytes) - current value.
zJRB	INT	4	(IBM name: SMF42JRB) Total Buffer size Calculated (in megabytes) - Average value.
zJRC	INT	4	(IBM name: SMF42JRC) Total number of CF read requests that encountered retries for cast out locks for this interval (across the sysplex).
zJRF	INT	4	(IBM name: SMF42JRF) Average calculated megabytes distribution array (16 entries). Each entry contains the number of times the calculated value occurred within a 100MB span. 1st => 0-99MB, 2nd => 100-199MB, ..., 16th => >1500MB.
zJRH	INT	4	(IBM name: SMF42JRH) Total calculated megabytes distribution array (16 entries). Each entry contains the number of times the calculated value occurred within a 100MB span. 1st => 0-99MB, 2nd => 100-199MB, ..., 16th => >1500MB.
zJTA	INT	4	(IBM name: SMF42JTA) Average number of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTB	INT	4	(IBM name: SMF42JTB) Total number of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTC	INT	4	(IBM name: SMF42JTC) Average number of SCM read requests during this interval (across the sysplex).
zJTD	INT	4	(IBM name: SMF42JTD) Total number of SCM read requests during this interval (across the sysplex).
zJTE	INT	4	(IBM name: SMF42JTE) Current percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTF	INT	4	(IBM name: SMF42JTF) Low percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTG	INT	4	(IBM name: SMF42JTG) High percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTH	INT	4	(IBM name: SMF42JTH) Average percentage of SCM read requests which encountered castout lock contention during this interval (across the sysplex).
zJTI	INT	4	(IBM name: SMF42JTI) Average number of RE-DO's during this interval (across the sysplex).
zJTJ	INT	4	(IBM name: SMF42JTJ) Total number of RE-DO's during this interval (across the sysplex).
zJTK	INT	4	(IBM name: SMF42JTK) Average number of recursive RE-DO's during this interval (across the sysplex).
zJTL	INT	4	(IBM name: SMF42JTL) Total number of recursive redo during this interval (across the sysplex).
zJTM	INT	4	(IBM name: SMF42JTM) Current percentage of RE-DO's during this interval (across the sysplex).
zJTN	INT	4	(IBM name: SMF42JTN) Low percentage of RE-DO's during this interval (across the sysplex).
zJTO	INT	4	(IBM name: SMF42JTO) High percentage of RE-DO's during this interval (across the sysplex).
zJTP	INT	4	(IBM name: SMF42JTP) Average percentage of RE-DO's during this interval (across the sysplex).

zJTQ	INT	4	(IBM name: SMF42JTQ) Current percentage of Recursive RE-DO's during this interval (across the sysplex).
zJTR	INT	4	(IBM name: SMF42JTR) Low percentage of Recursive RE-DO's during this interval (across the sysplex).
zJTS	INT	4	(IBM name: SMF42JTS) High percentage of Recursive RE-DO's during this interval (across the sysplex).
zJTT	INT	4	(IBM name: SMF42JTT) Average percentage of Recursive RE-DO's during this interval (across the sysplex).
zJUA	INT	4	(IBM name: SMF42JUA) Average number of buffer manager LRU intervals processed, where BMF was over the goal accelerated the aging, but did not go into panic mode (across the sysplex).
zJUB	INT	4	(IBM name: SMF42JUB) Total number of buffer manager LRU intervals processed, where BMF was over the goal accelerated the aging, but did not go into panic mode (across the sysplex).

Secondary segment: **SMF042#19_VSAM_RLS_Local_Buffer_Manager_System_64**

Field Name	Type	Len	Description
<i>SMF042#19_VSAM_RLS_Local_Buffer_Manager_System_64.<fieldname></i>			
zJPA	INT	4	(IBM name: SMF42JPA) Interval length. This is the total length, in seconds, of the measurement period.
zJPB	CHAR	8	(IBM name: SMF42JPB) MVS system name.
zJPE	FIXED	8 (20,3)	(IBM name: SMF42JPE) Average CPU time for all systems in sysplex (in milliseconds).
zJPF	FIXED	8 (20,3)	(IBM name: SMF42JPF) Total CPU time for this record (in milliseconds).
zJP6	INT	4	(IBM name: SMF42JP6) Total number of write requests.
zJPG	INT	4	(IBM name: SMF42JPG) Number of Buffer Manager LRU intervals processed.
zJPH	INT	4	(IBM name: SMF42JPH) Number of Buffer Manager LRU intervals where BMF was over the goal, and normal algorithms were bypassed to reclaim buffers
zJPI	INT	4	(IBM name: SMF42JPI) Total number of times that BMF was called in this interval.
zJP2	INT	4	(IBM name: SMF42JP2) Number of buffer manager LRU intervals processed, where BMF was over the goal, accelerated the aging, but did not go into panic mode.
zJPJ	INT	4	(IBM name: SMF42JPJ) Buffer Manager number of hits during this interval.
zJPK	INT	4	(IBM name: SMF42JPK) Buffer Manager number of hits current percentage during this interval.
zJPL	INT	4	(IBM name: SMF42JPL) Buffer Manager number of hits low percentage during this interval.
zJPM	INT	4	(IBM name: SMF42JPM) Buffer Manager number of hits high percentage during this interval.
zJPN	INT	4	(IBM name: SMF42JPN) Buffer Manager average hits during this interval.

zJPO	INT	4	(IBM name: SMF42JPO) Sysplex Cache manager number of hits during this interval.
zJPP	INT	4	(IBM name: SMF42JPP) Sysplex Cache manager number of hits current percentage during this interval.
zJPQ	INT	4	(IBM name: SMF42JPQ) Sysplex Cache manager number of hits low percentage during this interval.
zJPR	INT	4	(IBM name: SMF42JPR) Sysplex Cache manager number of hits high percentage during this interval.
zJPS	INT	4	(IBM name: SMF42JPS) Sysplex Cache manager number of hits average percentage during this interval.
zJPT	INT	4	(IBM name: SMF42JPT) DASD number of hits during this interval.
zJPU	INT	4	(IBM name: SMF42JPU) DASD hits current percentage during this interval.
zJPV	INT	4	(IBM name: SMF42JPV) DASD hits low percentage during this interval.
zJPW	INT	4	(IBM name: SMF42JPW) DASD hits high percentage during this interval.
zJPX	INT	4	(IBM name: SMF42JPX) DASD average hits during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_System_64.zJPY.<fieldname>

zJPZ	INT	4	(IBM name: SMF42JPZ) Low value of the number of BMF buffers for this pool during this interval.
zJQA	INT	4	(IBM name: SMF42JQA) High value of the number of BMF buffers for this pool during this interval.
zJQB	INT	4	(IBM name: SMF42JQB) Current value of the number of BMF buffers for this pool during this interval.
zJQC	INT	4	(IBM name: SMF42JQC) Low value of the number of extents for this pool during this interval.
zJQD	INT	4	(IBM name: SMF42JQD) High value of the number of extents for this pool during this interval.
zJQF	INT	4	(IBM name: SMF42JQF) Current value of the number of extents for this pool during this interval.

SMF042#19_VSAM_RLS_Local_Buffer_Manager_System_64.<fieldname>

zJQG	INT	8	(IBM name: SMF42JQG) Buffer size goal (in megabytes) - low value.
zJQH	INT	8	(IBM name: SMF42JQH) Buffer size goal (in megabytes) - high value.
zJQI	INT	8	(IBM name: SMF42JQI) Buffer size goal (in megabytes) - current value.
zJQJ	INT	8	(IBM name: SMF42JQJ) Buffer size goal (in megabytes) - average value.
zJQK	INT	8	(IBM name: SMF42JQK) Buffer size Calculated (in megabytes) - low value.
zJQL	INT	8	(IBM name: SMF42JQL) Buffer size Calculated (in megabytes) - high value.
zJQM	INT	8	(IBM name: SMF42JQM) Buffer size Calculated (in megabytes) - current value.
zJQN	INT	8	(IBM name: SMF42JQN) Buffer size Calculated (in megabytes) - Average value.
zJQ2	INT	4	

			(IBM name: SMF42JQ2) Total number of CF read requests that encountered retries for cast-out locks for this interval.
zJQP	INT	4	(IBM name: SMF42JQP) Calculated megabytes distribution array (16 entries). Each entry contains the number of times the calculated value occurred within a 100MB span. 1st => 0-99MB, 2nd => 100-199MB, ..., 16th => >1500MB.
zJSA	INT	4	(IBM name: SMF42JSA) Number of SCM read requests, which encountered castout contention during this interval.
zJSB	INT	4	(IBM name: SMF42JSB) Number of SCM read requests during this interval.
zJSC	INT	4	(IBM name: SMF42JSC) Current percentage of SCM read requests, which encountered cast contention during this interval. (Value is for the last LRU cycle before the SMF record was processed.)
zJSD	INT	4	(IBM name: SMF42JSD) Low percentage during this interval for zJSC.
zJSE	INT	4	(IBM name: SMF42JSE) High percentage during this interval for zJSC.
zJSF	INT	4	(IBM name: SMF42JSF) Average percentage during this interval for zJSC.
zJSG	INT	4	(IBM name: SMF42JSG) Number of RE-DO's during this interval.
zJSH	INT	4	(IBM name: SMF42JSH) Current percentage of RE-DO's during this interval. (Value is for the last LRU cycle before the SMF record was processed.)
zJSI	INT	4	(IBM name: SMF42JSI) Low percentage during this interval for zJSH.
zJSJ	INT	4	(IBM name: SMF42JSJ) High percentage during this interval for zJSH.
zJSK	INT	4	(IBM name: SMF42JSK) Average percentage during this interval for zJSH.
zJSL	INT	4	(IBM name: SMF42JSL) Number of recursive RE-DO's during this interval.
zJSM	INT	4	(IBM name: SMF42JSM) Current percentage of recursive RE-DO's during this interval. (Value is for the last LRU cycle before the SMF record was processed.)
zJSN	INT	4	(IBM name: SMF42JSN) Low percentage during this interval for zJSM.
zJSO	INT	4	(IBM name: SMF42JSO) High percentage during this interval for zJSM.
zJSP	INT	4	(IBM name: SMF42JSP) Average percentage during this interval for zJSM.
zJUC	INT	4	(IBM name: SMF42JUC) Low number of fixed 4 K pages in use (above and below the bar).
zJUD	INT	4	(IBM name: SMF42JUD) High number of fixed 4 K pages in use (above and below the bar).
zJUE	INT	4	(IBM name: SMF42JUE) Average number of fixed 4 K pages in use (above and below the bar).
zJUF	INT	4	(IBM name: SMF42JUF) Maximum amount of fixed storage (in megabytes). Set by RLSFIXEDPOOLSIZE.
zJUG	INT	4	(IBM name: SMF42JUG) Percentage of available real storage that can be used by fixed pages.

Record Type 42 Subtype 20 - STOW Initialize

Primary Segment:

- SMF042#20_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#20_Product_Section
- SMF042#20_STOW_Initialise
- SMF042#20_STOW_Initialise_User

Primary segment: SMF042#20_DFSMS

Field Name	Type	Len	Description
SMF042#20_DFSMS.<fieldname>			
SMF042#20_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#20_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zKN1	INT	4	(IBM name: SMF42KN1) Offset to STOW Initialize section.
zKN2	INT	2	(IBM name: SMF42KN2) Length of STOW Initialize section.
zKN3	INT	2	(IBM name: SMF42KN3) Number of STOW Initialize sections.
zKN4	INT	4	(IBM name: SMF42KN4) Offset to STOW Initialize additional information section.
zKN5	INT	2	(IBM name: SMF42KN5) Length of STOW Initialize additional information section.
zKN6	INT	2	

			(IBM name: SMF42KN6) Number of STOW Initialize additional information section.
--	--	--	---

Secondary segment: **SMF042#20_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#20_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#20_STOW_Initialise**

Field Name	Type	Len	Description
<i>SMF042#20_STOW_Initialise.<fieldname></i>			
zKJB	CHAR	8	(IBM name: SMF42KJB) Job name, started task control, or time sharing user who issued the STOW Initialize.
zKST	CHAR	8	(IBM name: SMF42KST) Step name.
zKPR	CHAR	8	(IBM name: SMF42KPR) Proc name (or blanks).
zKDS	CHAR	44	(IBM name: SMF42KDS) Data set name.
zKVS	CHAR	6	(IBM name: SMF42KVS) VOLSER.

Secondary segment: **SMF042#20_STOW_Initialise_User**

Field Name	Type	Len	Description
<i>SMF042#20_STOW_Initialise_User.<fieldname></i>			
zLEN	INT	1	(IBM name: N/A) User/Resource Token Length.
zVERS	INT (ENUM)	1	(IBM name: N/A) User/Resource Token Version number.
<i>SMF042#20_STOW_Initialise_User.zFLG1.<fieldname></i>			
zENCR	BIT	1	Token is encrypted.

zLT19	BIT	1	Token created by pre RACF 1.9 call.
zVXPRP	BIT	1	VERIFYX propagation occurred.
zUNKUSR	BIT	1	NJE unknown user.
zLOGU	BIT	1	LOG user indicator.
zRSPEC	BIT	1	RACF special indicator.

SMF042#20_STOW_Initialise_User.<fieldname>

zSTYP	INT (ENUM)	1	(IBM name: N/A) Session Type. SAS => SYSTEM ADDRESS SPACE, CMND => COMMAND, CONS => CONSOLE OPERATOR, STP => STARTED PROCEDURE, MNT => MOUNT, TSO => TSO LOGON, BCH => INTERNAL READER BATCH JOB, XBM => EXECUTION BATCH MONITOR, RJE => RJE OPERATOR, NJE => NJE OPERATOR, NJEUS => VERIFYX UNKNOWN USER EN, EBCH => EXTERNAL READER BATCH JOB, RBCH => RJE BATCH JOB, NBCH => NJE BATCH JOB, NSYS => NJE SYSOUT, EXBM => EXTERNAL XBM, RXBM => RJE XBM, NXBM => NJE XBM, APPC => APPCTP, OSRV => OMOVSSRV, IP => IPLOOKup value, LSESS => LAST CURRENTLY DEFINED SESSION.
-------	---------------	---	--

SMF042#20_STOW_Initialise_User.zFLG2.<fieldname>

zDFLT	BIT	1	Default token.
zUDUS	BIT	1	Undefined user.
zERR	BIT	1	Token in error.
zTRST	BIT	1	Part of trusted computer base.
zSUS	BIT	1	Surrogate userid.
zRE MOT	BIT	1	Remote job.
zPRIV	BIT	1	Privileged user.

SMF042#20_STOW_Initialise_User.<fieldname>

zPOEX	INT (ENUM)	1	(IBM name: N/A) Port of entry class index.
-------	---------------	---	---

SMF042#20_STOW_Initialise_User.zFLG3.<fieldname>

zDGRP	BIT	1	Default group assigned.
zDSEC	BIT	1	Default seclabel assigned.
zNETF	BIT	1	Network name specified.
zIPV	BIT	1	IP Value present for SERVAUTH port of entry.
zWDWN	BIT	1	When MLS is active, Write-Down is allowed.

SMF042#20_STOW_Initialise_User.<fieldname>

zSCL	CHAR	8	(IBM name: SMF42SCL) SECLABL.
zXNOD	CHAR	8	(IBM name: N/A) Execution node.
zSUSR	CHAR	8	(IBM name: N/A) Submitting userid.
zSNOD	CHAR	8	(IBM name: N/A) Submitter node.
zIPLOK	CHAR	16	(IBM name: N/A) IP LOOKup value.
zSGRP	CHAR	8	(IBM name: N/A) Submitting groupid.
zPOE	CHAR	8	(IBM name: N/A) Port of entry (CONS ID,TERM ID).

zNETW	CHAR	8	(IBM name: N/A) Remote network name, if NETF is on.
zUSER	CHAR	8	(IBM name: N/A) Session owner userid.
zGRUP	CHAR	8	(IBM name: N/A) Session owner groupid.

Record Type 42 Subtype 21 - Member Delete

Primary Segment:

- SMF042#21_DFSMS

Secondary Segment(s): 4 (in alphabetical order)

- SMF042#21_Member_Delete
- SMF042#21_Member_Delete_Aliases
- SMF042#21_Member_Delete_User
- SMF042#21_Product_Section

Primary segment: SMF042#21_DFSMS

Field Name	Type	Len	Description
<i>SMF042#21_DFSMS.<fieldname></i>			
<i>SMF042#21_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF042#21_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zLN1	INT	4	(IBM name: SMF42LN1) Offset to Member Delete section.
zLN2	INT	2	(IBM name: SMF42LN2) Length of Member Delete section.
zLN3	INT	2	(IBM name: SMF42LN3) Number of Member Delete sections.
zLN4	INT	4	(IBM name: SMF42LN4) Offset to Deleted Alias Names section.
zLN5	INT	2	(IBM name: SMF42LN5) Length of Deleted Alias Names section.

zLN6	INT	2	(IBM name: SMF42LN6) Number of Deleted Alias Names sections.
zLN7	INT	4	(IBM name: SMF42LN7) Offset to Member Delete additional information section.
zLN8	INT	2	(IBM name: SMF42LN8) Length of Member Delete additional information section.
zLN9	INT	2	(IBM name: SMF42LN9) Number of Member Delete additional information section.

Secondary segment: **SMF042#21_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#21_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#21_Member_Delete**

Field Name	Type	Len	Description
<i>SMF042#21_Member_Delete.<fieldname></i>			
zLJB	CHAR	8	(IBM name: SMF42LJB) Job name, started task control, or time sharing user who issued the STOW or DESERV delete.
zLST	CHAR	8	(IBM name: SMF42LST) Step name.
zLPR	CHAR	8	(IBM name: SMF42LPR) Proc name (or blanks).
zLDS	CHAR	44	(IBM name: SMF42LDS) Data set name.
zLVS	CHAR	6	(IBM name: SMF42LVS) VOLSER.
zLNL	INT	2	(IBM name: SMF42LNL) Length of the member name that was deleted (zLMN).
<i>SMF042#21_Member_Delete.zLFL.<fieldname></i>			
zLEXC	BIT	1	Some aliases were excluded from the record because the record length would have exceeded the maximum.
<i>SMF042#21_Member_Delete.<fieldname></i>			
zLMN	XVCHAR		

		0 63	(IBM name: SMF42LMN) Member name that was deleted. Actual length used is determined by zLNL. (Maximum length is 63.)
--	--	---------	--

Secondary segment: **SMF042#21_Member_Delete_Aliases**

Field Name	Type	Len	Description
<i>SMF042#21_Member_Delete_Aliases.<fieldname></i>			
zLNA	INT	2	(IBM name: SMF42LNA) Number of alias names that were also deleted because zLMN is a PDSE primary member name.

<i>SMF042#21_Member_Delete_Aliases.zLAA.<fieldname></i>			
zLAL	INT	2	(IBM name: SMF42LAL) Length of the alias name that was deleted in sympathy.
zLAN	XVCHAR	0 63	(IBM name: SMF42LAN) Alias name deleted in sympathy. (Length is zLAL.)

Secondary segment: **SMF042#21_Member_Delete_User**

Field Name	Type	Len	Description
<i>SMF042#21_Member_Delete_User.<fieldname></i>			
zLEN	INT	1	(IBM name: N/A) User/Resource Token Length.
zVERS	INT (ENUM)	1	(IBM name: N/A) User/Resource Token Version number.

<i>SMF042#21_Member_Delete_User.zFLG1.<fieldname></i>			
zENCR	BIT	1	Token is encrypted.
zLT19	BIT	1	Token created by pre RACF 1.9 call.
zVXPRP	BIT	1	VERIFYX propagation occurred.
zUNKUSR	BIT	1	NJE unknown user.
zLOGU	BIT	1	LOG user indicator.
zRSPEC	BIT	1	RACF special indicator.

<i>SMF042#21_Member_Delete_User.<fieldname></i>			
zSTYP	INT (ENUM)	1	(IBM name: N/A) Session Type. SAS => SYSTEM ADDRESS SPACE, CMND => COMMAND, CONS => CONSOLE OPERATOR, STP => STARTED PROCEDURE, MNT => MOUNT, TSO => TSO LOGON, BCH => INTERNAL READER BATCH JOB, XBM => EXECUTION BATCH MONITOR, RJE => RJE OPERATOR, NJE => NJE OPERATOR, NJEUS => VERIFYX UNKNOWN USER EN, EBCH => EXTERNAL READER BATCH JOB, RBCH => RJE BATCH JOB, NBCH => NJE BATCH JOB, NSYS => NJE SYSOUT, EXBM => EXTERNAL XBM, RXBM => RJE XBM, NXBM => NJE XBM, APPC => APPCTP, OSRV => OMOVSSRV, IP => IPLOOKup value, LSESS => LAST CURRENTLY DEFINED SESSION.

<i>SMF042#21_Member_Delete_User.zFLG2.<fieldname></i>			
zDFLT	BIT	1	Default token.
zUDUS	BIT	1	Undefined user.
zERR	BIT	1	Token in error.

zTRST	BIT	1	Part of trusted computer base.
zSUS	BIT	1	Surrogate userid.
zREMOT	BIT	1	Remote job.
zPRIV	BIT	1	Privileged user.

SMF042#21_Member_Delete_User.<fieldname>

zPOEX	INT (ENUM)	1	(IBM name: N/A) Port of entry class index.
-------	---------------	---	---

SMF042#21_Member_Delete_User.zFLG3.<fieldname>

zDGRP	BIT	1	Default group assigned.
zDSEC	BIT	1	Default seclabel assigned.
zNETF	BIT	1	Network name specified.
zIPV	BIT	1	IP Value present for SERVAUTH port of entry.
zWDWN	BIT	1	When MLS is active, Write-Down is allowed.

SMF042#21_Member_Delete_User.<fieldname>

zSCL	CHAR	8	(IBM name: SMF42SCL) SECLABL.
zXNOD	CHAR	8	(IBM name: N/A) Execution node.
zSUSR	CHAR	8	(IBM name: N/A) Submitting userid.
zSNOD	CHAR	8	(IBM name: N/A) Submitter node.
zIPLOK	CHAR	16	(IBM name: N/A) IP LOOKup value.
zSGRP	CHAR	8	(IBM name: N/A) Submitting groupid.
zPOE	CHAR	8	(IBM name: N/A) Port of entry (CONS ID,TERM ID).
zNETW	CHAR	8	(IBM name: N/A) Remote network name, if NETF is on.
zUSER	CHAR	8	(IBM name: N/A) Session owner userid.
zGRUP	CHAR	8	(IBM name: N/A) Session owner groupid.

Record Type 42 Subtype 22 - DFSMSrmm Audit Records

Primary Segment:

- SMF042#22_DFSMS

Secondary Segment(s): 3 (in alphabetical order)

- SMF042#22_DFSMSrmm_Audit
- SMF042#22_DFSMSrmm_Audit_Record
- SMF042#22_Product_Section

Primary segment: SMF042#22_DFSMS

Field Name	Type	Len	Description
SMF042#22_DFSMS.<fieldname>			
SMF042#22_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#22_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zAUD	INT	4	(IBM name: SMF42AUD) Offset to audit section
zLAD	INT	2	(IBM name: SMF42LAD) Length of audit section.
zNAD	INT	2	(IBM name: SMF42NAD) Number of audit sections.
zREC	INT	4	(IBM name: SMF42REC) Offset to record section.
zLRC	INT	2	(IBM name: SMF42LRC) Length of record section.
zNRC	INT	2	

			(IBM name: SMF42NRC) Number of record sections.
--	--	--	--

Secondary segment: **SMF042#22_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#22_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#22_DFSMSrmm_Audit**

Field Name	Type	Len	Description
<i>SMF042#22_DFSMSrmm_Audit.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: SMF42MJBN) Job name.
zMRST	TSTMP	8	(IBM name: SMF42MRST) Reader start Date/Time.
zUSERID	CHAR	8	(IBM name: SMF42MUID) RACF user ID.
zMACT	CHAR	1	(IBM name: SMF42MACT) Activity type: A - Record added. C - Record changed. D - Record deleted.

<i>SMF042#22_DFSMSrmm_Audit.zMFG1.<fieldname></i>			
zMLIS	BIT	1	Last in set.
zMJRN	BIT	1	Journal record available.

<i>SMF042#22_DFSMSrmm_Audit.<fieldname></i>			
zMCVTSFLG	BIT	8	(IBM name: SMF42MCVTSFLG) Virtual tape server flag.
zMCENABLE	BIT	8	(IBM name: SMF42MCENABLE) Control record enable flag.
zMLDTO	TIME	8	(IBM name: SMF42MLDTO) Local time/date offset.
zMCJNRECN	INT	4	(IBM name: SMF42MCJNRECN) Journal record number.
zMJNRECN	INT	4	(IBM name: SMF42MJNRECN) Number of next journal record.
zMCUPDVS	INT	4	

			(IBM name: SMF42MCUPD VSI) VSI when MCUPDACT set on.
zMCVSICNT	INT	4	(IBM name: SMF42MCVSICNT) VSI control count.
zMCVRLCTK	CHAR	8	(IBM name: SMF42MCVRLCTK) VRSEL last change token.
zMCVRSCNT	INT	4	(IBM name: SMF42MCVRSCNT) Current VRS change counter.
zMCVRSRUN	INT	4	(IBM name: SMF42MCVRSRUN) Last HSKP VRS change counter.
zMCSYNCTS	TSTMP	8	(IBM name: SMF42MCSYNCTS) Catsynch time stamp.
zMCSYNCDT	DATE	4	(IBM name: SMF42MCSYNCDT) Catsynch date.
zMCSYNCTM	TIME	4	(IBM name: SMF42MCSYNCTM) Catsynch time.

Secondary segment: **SMF042#22_DFSMSrmm_Audit_Record**

Field Name	Type	Len	Description
SMF042#22_DFSMSrmm_Audit_Record.<fieldname>			
zRecText	XVCHAR	0	(IBM name: N/A) Record section.

Record Type 42 Subtype 23 - DFSMSrmm Security Records

Primary Segment:

- SMF042#23_DFSMS

Secondary Segment(s): 2 (in alphabetical order)

- SMF042#23_DFSMSrmm_Security
- SMF042#23_Product_Section

Primary segment: SMF042#23_DFSMS

Field Name	Type	Len	Description
<i>SMF042#23_DFSMS.<fieldname></i>			
SMF042#23_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#23_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zSEC	INT	4	(IBM name: SMF42SEC) Offset to security section.
zLSC	INT	2	(IBM name: SMF42LSC) Length of security section.
zNSC	INT	2	(IBM name: SMF42NSC) Number of security sections.

Secondary segment: SMF042#23_Product_Section

Field Name	Type	Len	Description
<i>SMF042#23_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF042#23_DFSMSrmm_Security

Field Name	Type	Len	Description
<i>SMF042#23_DFSMSrmm_Security.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: SMF42NJB) Job name.
zNRST	TSTMP	8	(IBM name: SMF42NRST) Reader start Date/Time.
zUSERID	CHAR	8	(IBM name: SMF42NUID) User identification.
zNUID	CHAR	8	(IBM name: SMF42NUID) RACF user ID.
zNCGP	CHAR	8	(IBM name: SMF42NCGP) RACF connect group.
zNVER	CHAR	1	(IBM name: SMF42NVER) Record version identifier (2).
zNACT	CHAR	1	(IBM name: SMF42NACT) Activity type: C - Data set create E - Data set extend U - Data set update R - Data set read access D - Data set delete
zNSTP	INT	1	(IBM name: SMF42NSTP) Security type.
zNDSN	CHAR	44	(IBM name: SMF42NDSN) Data set name.
zNVOL	CHAR	6	(IBM name: SMF42NVOL) Volume serial number.
zNUNT	CHAR	8	(IBM name: SMF42NUNT) Device type.
zNDSQ	INT	2	(IBM name: SMF42NDSQ) Data set sequence number.
zNVSQ	INT	2	(IBM name: SMF42NVSQ) Volume sequence number.
zNLDTO	TIME	8	(IBM name: SMF42NLDTO) Local time/date offset.

Record Type 42 Subtype 24 - Member Add/Replace

Primary Segment:

- SMF042#24_DFSMS

Secondary Segment(s): 4 (in alphabetical order)

- SMF042#24_Member_Add_Replace
- SMF042#24_Member_Add_Replace_Aliases_Deleted
- SMF042#24_Member_Add_Replace_User
- SMF042#24_Product_Section

Primary segment: SMF042#24_DFSMS

Field Name	Type	Len	Description
<i>SMF042#24_DFSMS.<fieldname></i>			
<i>SMF042#24_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF042#24_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zPN1	INT	4	(IBM name: SMF42PN1) Offset to Member add/replace header section.
zPN2	INT	2	(IBM name: SMF42PN2) Length of Member add/replace header section.
zPN3	INT	2	(IBM name: SMF42PN3) Number of Member add/replace header section.
zPN4	INT	4	(IBM name: SMF42PN4) Offset to Alias names section.
zPN5	INT	2	(IBM name: SMF42PN5) Length of Alias names section.

zPN6	INT	2	(IBM name: SMF42PN6) Number of Alias names section.
zPN7	INT	4	(IBM name: SMF42PN7) Offset to Member add/replace additional information section.
zPN8	INT	2	(IBM name: SMF42PN8) Length of Member add/replace additional information section.
zPN9	INT	2	(IBM name: SMF42PN9) Number of Member add/replace additional information section. The following nine fields are only included with SubType 25:

Secondary segment: **SMF042#24_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#24_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#24_Member_Add_Replace**

Field Name	Type	Len	Description
<i>SMF042#24_Member_Add_Replace.<fieldname></i>			
zPJB	CHAR	8	(IBM name: SMF42PJB) Job name, started task control, or time sharing user who issued the STOW (add/replace) or DESERV PUT.
zPST	CHAR	8	(IBM name: SMF42PST) Step name.
zPPR	CHAR	8	(IBM name: SMF42PPR) Proc name (or blanks).
zPDS	CHAR	44	(IBM name: SMF42PDS) Data set name.
zPVS	CHAR	6	(IBM name: SMF42PVS) Volume serial number (VOLSER).
zPML	INT	2	(IBM name: SMF42PML) Length of the member name that was added or replaced.
<i>SMF042#24_Member_Add_Replace.zPF1.<fieldname></i>			
zPEXC	BIT	1	Some aliases were excluded from the record because the record length would have exceeded the maximum.
zPADD	BIT	1	When this bit is on, a new member was added.

SMF042#24_Member_Add_Replace.<fieldname>			
zPMN	XVCHAR	0 63	(IBM name: SMF42PMN) Member name that was added or replaced.

Secondary segment: **SMF042#24_Member_Add_Replace_Aliases_Deleted**

Field Name	Type	Len	Description
SMF042#24_Member_Add_Replace_Aliases_Deleted.<fieldname>			
zP#A	INT	2	(IBM name: SMF42P#A) Number of alias names that were deleted because zPMN is a PDSE primary member name.

SMF042#24_Member_Add_Replace_Aliases_Deleted.zPAA.<fieldname>			
zPAL	INT	2	(IBM name: SMF42PAL) Length of the alias name that was deleted in sympathy.
zPAN	XVCHAR	0 63	(IBM name: SMF42PAN) Alias name deleted in sympathy. (Length is zLAL.)

Secondary segment: **SMF042#24_Member_Add_Replace_User**

Field Name	Type	Len	Description
SMF042#24_Member_Add_Replace_User.<fieldname>			
zLEN	INT	1	(IBM name: N/A) User/Resource Token Length.
zVERS	INT (ENUM)	1	(IBM name: N/A) User/Resource Token Version number.

SMF042#24_Member_Add_Replace_User.zFLG1.<fieldname>			
zENCR	BIT	1	Token is encrypted.
zLT19	BIT	1	Token created by pre RACF 1.9 call.
zVXPRP	BIT	1	VERIFYX propagation occurred.
zUNKUSR	BIT	1	NJE unknown user.
zLOGU	BIT	1	LOG user indicator.
zRSPEC	BIT	1	RACF special indicator.

SMF042#24_Member_Add_Replace_User.<fieldname>			
zSTYP	INT (ENUM)	1	(IBM name: N/A) Session Type. SAS => SYSTEM ADDRESS SPACE, CMND => COMMAND, CONS => CONSOLE OPERATOR, STP => STARTED PROCEDURE, MNT => MOUNT, TSO => TSO LOGON, BCH => INTERNAL READER BATCH JOB, XBM => EXECUTION BATCH MONITOR, RJE => RJE OPERATOR, NJE => NJE OPERATOR, NJEUS => VERIFYX UNKNOWN USER EN, EBCH => EXTERNAL READER BATCH JOB, RBCH => RJE BATCH JOB, NBCH => NJE BATCH JOB, NSYS => NJE SYSOUT, EXBM => EXTERNAL XBM, RXBM => RJE XBM, NXBM => NJE XBM, APPC => APPCTP, OSRV => OMOVSSRV, IP => IPLOOKup value, LSESS => LAST CURRENTLY DEFINED SESSION.

SMF042#24_Member_Add_Replace_User.zFLG2.<fieldname>			
zDFLT	BIT	1	Default token.
zUDUS	BIT	1	Undefined user.

zERR	BIT	1	Token in error.
zTRST	BIT	1	Part of trusted computer base.
zSUS	BIT	1	Surrogate userid.
zREMOT	BIT	1	Remote job.
zPRIV	BIT	1	Privileged user.

SMF042#24_Member_Add_Replace_User.<fieldname>

zPOEX	INT (ENUM)	1	(IBM name: N/A) Port of entry class index.
-------	---------------	---	---

SMF042#24_Member_Add_Replace_User.zFLG3.<fieldname>

zDGRP	BIT	1	Default group assigned.
zDSEC	BIT	1	Default seclabel assigned.
zNETF	BIT	1	Network name specified.
zIPV	BIT	1	IP Value present for SERVAUTH port of entry.
zWDWN	BIT	1	When MLS is active, Write-Down is allowed.

SMF042#24_Member_Add_Replace_User.<fieldname>

zSCL	CHAR	8	(IBM name: SMF42SCL) SECLABL.
zXNOD	CHAR	8	(IBM name: N/A) Execution node.
zSUSR	CHAR	8	(IBM name: N/A) Submitting userid.
zSNOD	CHAR	8	(IBM name: N/A) Submitter node.
zIPLOK	CHAR	16	(IBM name: N/A) IP LOOKup value.
zSGRP	CHAR	8	(IBM name: N/A) Submitting groupid.
zPOE	CHAR	8	(IBM name: N/A) Port of entry (CONS ID,TERM ID).
zNETW	CHAR	8	(IBM name: N/A) Remote network name, if NETF is on.
zUSER	CHAR	8	(IBM name: N/A) Session owner userid.
zGRUP	CHAR	8	(IBM name: N/A) Session owner groupid.

Record Type 42 Subtype 25 - Member Rename

Primary Segment:

- SMF042#25_DFSMS

Secondary Segment(s): 4 (in alphabetical order)

- SMF042#25_Member_Rename
- SMF042#25_Member_Rename_Old
- SMF042#25_Member_Rename_User
- SMF042#25_Product_Section

Primary segment: SMF042#25_DFSMS

Field Name	Type	Len	Description
<i>SMF042#25_DFSMS.<fieldname></i>			
<i>SMF042#25_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF042#25_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zQN1	INT	4	(IBM name: SMF42QN1) Offset to Member rename section.
zQN2	INT	2	(IBM name: SMF42QN2) Length of Member rename section.
zQN3	INT	2	(IBM name: SMF42QN3) Number of Member rename sections.
zQN4	INT	4	(IBM name: SMF42QN4) Offset to old member name section.
zQN5	INT	2	(IBM name: SMF42QN5) Length of old member name section.

zQN6	INT	2	(IBM name: SMF42QN6) Number of old member name sections.
zQN7	INT	4	(IBM name: SMF42QN7) Offset to Member rename additional information section.
zQN8	INT	2	(IBM name: SMF42QN8) Length of Member rename additional information section.
zQN9	INT	2	(IBM name: SMF42QN9) Number of Member rename additional information section.

Secondary segment: SMF042#25_Product_Section

Field Name	Type	Len	Description
<i>SMF042#25_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF042#25_Member_Rename

Field Name	Type	Len	Description
<i>SMF042#25_Member_Rename.<fieldname></i>			
zQJB	CHAR	8	(IBM name: SMF42QJB) Job name, started task control, or time sharing user who issued the STOW (rename) or DESERV RENAME.
zQST	CHAR	8	(IBM name: SMF42QST) Step name.
zQPR	CHAR	8	(IBM name: SMF42QPR) Proc name (or blanks).
zQDS	CHAR	44	(IBM name: SMF42QDS) Data set name.
zQVS	CHAR	6	(IBM name: SMF42QVS) Volume serial number (VOLSER).
zQML	INT	2	(IBM name: SMF42QML) Length of the member name after the rename.
zQMN	XVCHAR	0 63	(IBM name: SMF42QMN) Member name after the rename (new name).

Secondary segment: **SMF042#25_Member_Rename_Old**

Field Name	Type	Len	Description
<i>SMF042#25_Member_Rename_Old.<fieldname></i>			
zQOL	INT	2	(IBM name: SMF42QOL) Length of the member name before the rename.
zQON	XVCHAR	0 63	(IBM name: SMF42QON) Member name before the rename (old name).

Secondary segment: **SMF042#25_Member_Rename_User**

Field Name	Type	Len	Description
<i>SMF042#25_Member_Rename_User.<fieldname></i>			
zLEN	INT	1	(IBM name: N/A) User/Resource Token Length.
zVERS	INT (ENUM)	1	(IBM name: N/A) User/Resource Token Version number.

SMF042#25_Member_Rename_User.zFLG1.<fieldname>

zENCR	BIT	1	Token is encrypted.
zLT19	BIT	1	Token created by pre RACF 1.9 call.
zVXPRP	BIT	1	VERIFYX propagation occurred.
zUNKUSR	BIT	1	NJE unknown user.
zLOGU	BIT	1	LOG user indicator.
zRSPEC	BIT	1	RACF special indicator.

SMF042#25_Member_Rename_User.<fieldname>

zSTYP	INT (ENUM)	1	(IBM name: N/A) Session Type. SAS => SYSTEM ADDRESS SPACE, CMND => COMMAND, CONS => CONSOLE OPERATOR, STP => STARTED PROCEDURE, MNT => MOUNT, TSO => TSO LOGON, BCH => INTERNAL READER BATCH JOB, XBM => EXECUTION BATCH MONITOR, RJE => RJE OPERATOR, NJE => NJE OPERATOR, NJEUS => VERIFYX UNKNOWN USER EN, EBCH => EXTERNAL READER BATCH JOB, RBCH => RJE BATCH JOB, NBCH => NJE BATCH JOB, NSYS => NJE SYSOUT, EXBM => EXTERNAL XBM, RXBM => RJE XBM, NXBM => NJE XBM, APPC => APPCTP, OSRV => OMOVSSRV, IP => IPLOOKup value, LSESS => LAST CURRENTLY DEFINED SESSION.
-------	---------------	---	--

SMF042#25_Member_Rename_User.zFLG2.<fieldname>

zDFLT	BIT	1	Default token.
zUDUS	BIT	1	Undefined user.
zERR	BIT	1	Token in error.
zTRST	BIT	1	Part of trusted computer base.
zSUS	BIT	1	Surrogate userid.
zREMOT	BIT	1	Remote job.
zPRIV	BIT	1	Privileged user.

SMF042#25_Member_Rename_User.<fieldname>

zPOEX	INT (ENUM)	1	(IBM name: N/A) Port of entry class index.
-------	---------------	---	---

SMF042#25_Member_Rename_User.zFLG3.<fieldname>

zDGRP	BIT	1	Default group assigned.
zDSEC	BIT	1	Default seclabel assigned.
zNETF	BIT	1	Network name specified.
zIPV	BIT	1	IP Value present for SERVAUTH port of entry.
zWDWN	BIT	1	When MLS is active, Write-Down is allowed.

SMF042#25_Member_Rename_User.<fieldname>

zSCL	CHAR	8	(IBM name: SMF42SCL) SECLABL.
zXNOD	CHAR	8	(IBM name: N/A) Execution node.
zSUSR	CHAR	8	(IBM name: N/A) Submitting userid.
zSNOD	CHAR	8	(IBM name: N/A) Submitter node.
zIPLOK	CHAR	16	(IBM name: N/A) IP LOOKup value.
zSGRP	CHAR	8	(IBM name: N/A) Submitting groupid.
zPOE	CHAR	8	(IBM name: N/A) Port of entry (CONS ID,TERM ID).
zNETW	CHAR	8	(IBM name: N/A) Remote network name, if NETF is on.
zUSER	CHAR	8	(IBM name: N/A) Session owner userid.
zGRUP	CHAR	8	(IBM name: N/A) Session owner groupid.

Record Type 42 Subtype 26 - NFS**Primary Segment:**

- SMF042#26_DFSMS

Secondary Segment(s): 6 (in alphabetical order)

- SMF042#26_NFS_Audit_Client_Id
- SMF042#26_NFS_Audit_Client_Id_IPv4
- SMF042#26_NFS_Audit_Client_Id_IPv6
- SMF042#26_NFS_Audit_FileSys_MVS
- SMF042#26_NFS_Audit_FileSys_UNIX
- SMF042#26_Product_Section

Primary segment: SMF042#26_DFSMS

Field Name	Type	Len	Description
<i>SMF042#26_DFSMS.<fieldname></i>			
SMF042#26_DFSMS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF042#26_DFSMS.Self_defining_Section.<fieldname>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
zADO	INT	4	(IBM name: SMF42ADO) Offset to NFSS audit stats section.
zADL	INT	2	(IBM name: SMF42ADL) Length of NFSS audit stats section.
zADN	INT	2	(IBM name: SMF42ADN) Number of NFSS audit stats section.

Secondary segment: SMF042#26_Product_Section

Field Name	Type	Len	Description
<i>SMF042#26_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number. 0 => IPv4, 1 => IPv6.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF042#26_NFS_Audit_FileSys_MVS

Field Name	Type	Len	Description
<i>SMF042#26_NFS_Audit_FileSys_MVS.<fieldname></i>			
zAOV	INT	1	(IBM name: SMF42AOV) NFS protocol version (2,3 or 4).
zAOP	INT	1	(IBM name: SMF42AOP) NFS operation/procedure number.
zAFS	INT (ENUM)	1	(IBM name: SMF42AFS) File system type indicator.
zATM	INT (ENUM)	1	(IBM name: SMF42ATM) MVS data set type. 'Unknown' => Unknown MVS file type, 'PS' => Sequential (BSAM) file, 'PO' => Partitioned (BPAM), 'DA' => Direct Access file, 'ISAM' => ISAM is not supported, 'Virt' => Virtual Sequential Access, 'ESDS' => VSAM Entry Sequenced, 'RRDS' => VSAM Relative Record, 'KSDS' => VSAM Keyed access, 'DummyIX' => Dummy index level file block.
zAVO	CHAR	6	(IBM name: N/A) Volume Name.
zAOL	INT	4	(IBM name: N/A) Data set name length.
zAVN	CHAR	6	(IBM name: SMF42AVN) New volume Name.
zANL	INT	4	(IBM name: SMF42ANL) New data set name length.
zAON	XVCHAR	0 255	(IBM name: N/A) File name.
zANN	XVCHAR	0 255	(IBM name: SMF42ANN) New File name, if exist.

Secondary segment: SMF042#26_NFS_Audit_FileSys_UNIX

Field Name	Type	Len	Description
<i>SMF042#26_NFS_Audit_FileSys_UNIX.<fieldname></i>			

zAOV	INT	1	(IBM name: SMF42AOV) NFS protocol version (2,3 or 4).
zAOP	INT	1	(IBM name: SMF42AOP) NFS operation/procedure number.
zAFS	INT (ENUM)	1	(IBM name: SMF42AFS) File system type indicator.
zATY	INT (ENUM)	1	(IBM name: SMF42ATY) File object type. 'Unknown' => Unknown file type, 'Dir' => Directory, 'Char' => Character special file, 'Regular' => Regular file, 'Pipe' => Named pipe (FIFO) file, 'SymLink' => Symbolic link, 'Block' => Block special file, 'Socket' => Socket file.
zASD	INT	4	(IBM name: SMF42ASD) File system device number.
zASL	INT	4	(IBM name: SMF42ASL) File system name length.
zASN	CHAR	44	(IBM name: SMF42ASN) File system name.
zAFI	INT	4	(IBM name: SMF42AFI) File inode attribute.
zAFA	CHAR	16	(IBM name: SMF42AFA) File audited attribute.
zADI	INT	4	(IBM name: SMF42ADI) Directory inode attribute.
zADA	CHAR	16	(IBM name: SMF42ADA) Directory audited attribute.
zAFL	INT	4	(IBM name: SMF42AFL) File name length.
zANI	INT	4	(IBM name: SMF42ANI) New directory inode attribute.
zANA	CHAR	16	(IBM name: SMF42ANA) New directory audited attribute.
zAFN	INT	4	(IBM name: SMF42AFN) New file name length.
zAON	XVCHAR	0 255	(IBM name: N/A) File name.
zANN	XVCHAR	0 255	(IBM name: SMF42ANN) New File name, if exist.

Secondary segment: SMF042#26_NFS_Audit_Client_Id

Field Name	Type	Len	Description
SMF042#26_NFS_Audit_Client_Id.<fieldname>			
zALO	INT	4	(IBM name: SMF42ALO) Offset to client identification section.
zALL	INT	2	(IBM name: SMF42ALL) Length of client identification section.

Secondary segment: SMF042#26_NFS_Audit_Client_Id_IPv4

Field Name	Type	Len	Description
SMF042#26_NFS_Audit_Client_Id_IPv4.<fieldname>			

zCRI	CHAR	8	(IBM name: SMF42CRI) RACF user ID.
zCRG	CHAR	8	(IBM name: SMF42CRG) RACF group name.
zCAN	CHAR	8	(IBM name: SMF42CAN) Account Number.
zCUI	INT	4	(IBM name: SMF42CUI) User ID at client host (UNIX style).
zCGI	INT	4	(IBM name: SMF42CGI) Group ID at client host (UNIX style).
zCIP	IPADDRESS	4	(IBM name: SMF42CIP) IPv4 address of client host.
zCHL	INT	2	(IBM name: SMF42CHL) Length of client host name.
zCHN	XVCHAR	0 256	(IBM name: SMF42CHN) Client host name.

Secondary segment: **SMF042#26_NFS_Audit_Client_Id_IPv6**

Field Name	Type	Len	Description
<i>SMF042#26_NFS_Audit_Client_Id_IPv6.<fieldname></i>			
zCRI	CHAR	8	(IBM name: SMF42CRI) RACF user ID.
zCRG	CHAR	8	(IBM name: SMF42CRG) RACF group name.
zCAN	CHAR	8	(IBM name: SMF42CAN) Account Number.
zCUI	INT	4	(IBM name: SMF42CUI) User ID at client host (UNIX style).
zCGI	INT	4	(IBM name: SMF42CGI) Group ID at client host (UNIX style).
zCIP	IPADDRESS	16	(IBM name: SMF42CIP) IPv6 address of client host.
zCHL	INT	2	(IBM name: SMF42CHL) Length of client host name.
zCHN	XVCHAR	0 256	(IBM name: SMF42CHN) Client host name.

Record Type 42 Subtype 27 - VTOC DSCB Audit Record

Primary Segment:

- SMF042#27_DFSMS

Secondary Segment(s): 4 (in alphabetical order)

- SMF042#27_Product_Section
- SMF042#27_VTOC_Audit_DSCB_New
- SMF042#27_VTOC_Audit_DSCB_Old
- SMF042#27_VTOC_Audit_Update_Header

Primary segment: SMF042#27_DFSMS

Field Name	Type	Len	Description
<i>SMF042#27_DFSMS.<fieldname></i>			
<i>SMF042#27_DFSMS.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF42FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF42RTY) Record type 42 (X'2A').
zTME	TSTMP	8	(IBM name: SMF42TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF42SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF42SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF42STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF042#27_DFSMS.Self_defining_Section.<fieldname></i>			
zNT	INT	2	(IBM name: SMF42NT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOPS	INT	4	(IBM name: SMF42OPS) Offset to product section from start of record, including record descriptor word (RDW).
zLPS	INT	2	(IBM name: SMF42LPS) Length of product section.
zNPS	INT	2	(IBM name: SMF42NPS) Number of product sections.
z27R1	INT	4	(IBM name: SMF4227R1) Offset to Volume event header section from start of record, including record descriptor word RDW)
z27R2	INT	2	(IBM name: SMF4227R2) Length of Volume Event header section
z27R3	INT	2	(IBM name: SMF4227R3) Number of Volume Event sections
z27R4	INT	4	(IBM name: SMF4227R4) Offset to Old DSCB section from start of record, including record descriptor word (RDW)
z27R5	INT	2	

			(IBM name: SMF4227R5) Length of Old DSCB section
z27R6	INT	2	(IBM name: SMF4227R6) Number of Old DSCB sections
z27R7	INT	4	(IBM name: SMF4227R7) Offset to New DSCB section from start of record, including record descriptor word (RDW)
z27R8	INT	2	(IBM name: SMF4227R8) Length of New DSCB section
z27R9	INT	2	(IBM name: SMF4227R9) Number of New DSCB sections

Secondary segment: **SMF042#27_Product_Section**

Field Name	Type	Len	Description
<i>SMF042#27_Product_Section.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF42PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF42PDN) Product name.
zPSV	INT	1	(IBM name: SMF42PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists, 2 => All DSCBs affected by the following DADSM/CVAF activities will be recorded: DCRE, DCVF, DDEL, DEXT, DPAR, and DREN.
zPTS	TSTMP	8	(IBM name: SMF42PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF42PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: **SMF042#27_VTOC_Audit_Update_Header**

Field Name	Type	Len	Description
<i>SMF042#27_VTOC_Audit_Update_Header.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: SMF42RJOB) Job name
zRJNO	CHAR	8	(IBM name: SMF42RJNO) Job number
zRSTN	CHAR	8	(IBM name: SMF42RSTN) Step name
zRPRN	CHAR	8	(IBM name: SMF42RPRN) Proc name or blanks
zRVOL	CHAR	6	(IBM name: SMF42RVOL) Volume serial number
zRDEV	HEX	2	(IBM name: SMF42RDEV) Device number (UCBCHAN)
zRACT	CHAR	4	(IBM name: SMF42RACT) Activity type: AZAP => AMASPZAP, DCLO => Close for output non-VSAM data set, DCLX => CLOSE executor non-VSAM extended format data set, DCON => DSS consolidate, DCPY => DSS copy, DCRE => DADSM

			create data set, DCVF => CVAFDIR (note: CVCLID not specified), DDEL => DADSM scratch data set (note: This entry reflects the DSCB just prior to the erase of the DSCB), DDMP => DSS dump, DEVO => End-of-volume on output non-VSAM data set, DEXT => DADSM extend data set, DFRG => DSS defrag, DMMS => DFSMF media manager services, DPAR => DADSM partial release data set, DREN => DADSM rename data set, DRST => DSS restore, DSSM => SSAM non-VSAM extended format data set, DUPT => Update DSCB fields, IOBE => IOBE not provided, IOBU => IOBEUSER not specified.
--	--	--	--

SMF042#27_VTOC_Audit_Update_Header.zRIND.<fieldname>

zRRSV	BIT	1	Device is reserved.
-------	-----	---	---------------------

SMF042#27_VTOC_Audit_Update_Header.zRDS1.<fieldname>

zREOS	BIT	1	Data set is erase on scratch. Only indicated when DDEL or DPAR is the value in zRACT.
zRZRTY	BIT	1	A zHPF channel program failed and retry was successful with a FICON channel program. The contents of SMF42RCMDS reflect the FICON channel program operation codes.

SMF042#27_VTOC_Audit_Update_Header.<fieldname>

zRSEEK	HEX	4	(IBM name: SMF42RSEEK) VTOC track ID (CCCCHHHH)
zRSRCH	HEX	5	(IBM name: SMF42RSRCH) VTOC record ID (CCCCHHHHR) (optional)
zRCMDS	HEX	15	(IBM name: SMF42RCMDS) CCW command codes scanned

SMF042#27_VTOC_Audit_Update_Header.zRDS1.zzHPF.<fieldname>

zTCAH	HEX	1	(IBM name: N/A) Transport Command Area Header (TCAH) Format (x'7F')
zTCAL	INT	1	(IBM name: N/A) TCA Length
zDCW	HEX	8	(IBM name: N/A) First Device Command Word (DCW)
zDSCBs	INT	1	(IBM name: N/A) Number of DSCBs Written
zLocRecOpr	HEX	1	(IBM name: N/A) Locate Record Operation
zLocRecAux	HEX	1	(IBM name: N/A) Locate Record Auxiliary Byte
zLocReclmb	HEX	1	(IBM name: N/A) Locate Record Imbedded Operation Code
zLocRecCnt	INT	1	(IBM name: N/A) Locate Record Count

SMF042#27_VTOC_Audit_Update_Header.zRDS1.<fieldname>

zRUPSW	HEX	4	(IBM name: SMF42RUPSW) EXCP caller address following SVC 0. For Version 2 (SMF42PSV=2) the value in this field depends on the activity type, as follows: v For DDEL (scratch), DPAR (partial release), and DEXT (extend), the address of the caller of the DADSM function. v For DREN (rename), and DCRE (create), zeros. v For DCVF the address of the caller of CVAF.
--------	-----	---	--

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.<fieldname>

zLEN	INT	1	(IBM name: N/A) User/Resource Token Length.
zVERS	INT (ENUM)	1	(IBM name: N/A) User/Resource Token Version number.

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.zFLG1.<fieldname>			
zENCR	BIT	1	Token is encrypted.
zLT19	BIT	1	Token created by pre RACF 1.9 call.
zVXPRP	BIT	1	VERIFYX propagation occurred.
zUNKUSR	BIT	1	NJE unknown user.
zLOGU	BIT	1	LOG user indicator.
zRSPEC	BIT	1	RACF special indicator.

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.<fieldname>			
zSTYP	INT (ENUM)	1	(IBM name: N/A) Session Type. SAS => SYSTEM ADDRESS SPACE, CMND => COMMAND, CONS => CONSOLE OPERATOR, STP => STARTED PROCEDURE, MNT => MOUNT, TSO => TSO LOGON, BCH => INTERNAL READER BATCH JOB, XBM => EXECUTION BATCH MONITOR, RJE => RJE OPERATOR, NJE => NJE OPERATOR, NJEUS => VERIFYX UNKNOWN USER EN, EBCH => EXTERNAL READER BATCH JOB, RBCH => RJE BATCH JOB, NBCH => NJE BATCH JOB, NSYS => NJE SYSOUT, EXBM => EXTERNAL XBM, RXBM => RJE XBM, NXBM => NJE XBM, APPC => APPCTP, OSRV => OMOVSSRV, IP => IPLOOKup value, LSESS => LAST CURRENTLY DEFINED SESSION.

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.zFLG2.<fieldname>			
zDFLT	BIT	1	Default token.
zUDUS	BIT	1	Undefined user.
zERR	BIT	1	Token in error.
zTRST	BIT	1	Part of trusted computer base.
zSUS	BIT	1	Surrogate userid.
zREMOT	BIT	1	Remote job.
zPRIV	BIT	1	Privileged user.

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.<fieldname>			
zPOEX	INT (ENUM)	1	(IBM name: N/A) Port of entry class index.

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.zFLG3.<fieldname>			
zDGRP	BIT	1	Default group assigned.
zDSEC	BIT	1	Default seclabel assigned.
zNETF	BIT	1	Network name specified.
zIPV	BIT	1	IP Value present for SERVAUTH port of entry.
zWDWN	BIT	1	When MLS is active, Write-Down is allowed.

SMF042#27_VTOC_Audit_Update_Header.zRUTOK.<fieldname>			
zSCL	CHAR	8	(IBM name: SMF42SCL) SECLABL.
zXNOD	CHAR	8	(IBM name: N/A) Execution node.
zSUSR	CHAR	8	(IBM name: N/A) Submitting userid.
zSNOD	CHAR	8	(IBM name: N/A) Submitter node.
zIPLOK	CHAR	16	(IBM name: N/A) IP LOOKup value.

zSGRP	CHAR	8	(IBM name: N/A) Submitting groupid.
zPOE	CHAR	8	(IBM name: N/A) Port of entry (CONS ID,TERM ID).
zNETW	CHAR	8	(IBM name: N/A) Remote network name, if NETF is on.
zUSER	CHAR	8	(IBM name: N/A) Session owner userid.
zGRUP	CHAR	8	(IBM name: N/A) Session owner groupid.

Secondary segment: SMF042#27_VTOC_Audit_DSCB_Old

Field Name	Type	Len	Description
<i>SMF042#27_VTOC_Audit_DSCB_Old.<fieldname></i>			
zDSNAM	CHAR	44	Data set name.
zFMTID	CHAR	1	Format identifier
zDSSN	CHAR	6	Data set serial number. (Identifies the first or only volume containing the data set/space).
zVOLSQ	INT	2	Volume sequence number (1-9999).
zCREDIT	DATE	3	Creation date.
zEXPDT	DATE	3	Expiration date.
zNOEPV	INT	1	Number of data extents on volume.
zNOBDB	INT	1	Number of bytes used in last directory block (PDS only).

<i>SMF042#27_VTOC_Audit_DSCB_Old.zFLAG1.<fieldname></i>			
zCOMPR	BIT	1	Compressable extended format (zSTRP must also be set).
zCPOIT	BIT	1	Checkpointed dataset.
zEXPBY	BIT	1	VSE exp date spec by ret period.
zRECAL	BIT	1	Data set has been recalled.
zLARGE	BIT	1	>64K track data set coexistence.
zENCRP	BIT	1	Access method encrypted data set.
zEATTR	BINT (ENUM)	2	Extended attribute setting as specified on the allocation request (EATTR=). 'Dflt' => EATTR has not been specified. The defaults for EAS eligibility apply. VSAM data sets default is EAS-eligible. This is equivalent to EATTR=OPT being specified. Non-VSAM data sets default is not EAS eligible. This is equivalent to EATTR=NO being specified. 'NO' => EATTR=NO has been specified. The data set cannot have extended attributes (format 8 and 9 DSCBs) or optionally reside in EAS. 'OPT' => EATTR=OPT has been specified. The data set can have extended attributes and optionally reside in EAS. This is the default for VSAM data sets. 'Unused' => Not Used. EATTR treated as not specified.

<i>SMF042#27_VTOC_Audit_DSCB_Old.<fieldname></i>			
zSYSCD	CHAR	13	System code.
zREFD	DATE	3	Date last referenced. Zero if not maintained

<i>SMF042#27_VTOC_Audit_DSCB_Old.zSMSFG.<fieldname></i>			
zSMSDS	BIT	1	System managed data set.
zSMSUC	BIT	1	No BCS entry exists for data set.
zREBLK	BIT	1	SDB and D.S. may be reblocked.

zCRSDB	BIT	1	DADSM CREATE originated BLKSIZE.
zPDSE	BIT	1	PDSE data set.
zSTRP	BIT	1	Extended format data set.
zPDSEX	BIT	1	HFS data set.
zDSAE	BIT	1	Extended attributes are maintained in catalog entry.

SMF042#27_VTOC_Audit_DSCB_Old.zSCEXT.<fieldname>

zSCXTF	INT (ENUM)	1	(IBM name: N/A) Secondary space extension value (zSCXTV) units. 'None' => No secondary space extension. 'AVB' => zSCXTV is the original average block length. 'MB' => zSCXTV is in megabytes. 'KB' => zSCXTV is in kilobytes. 'UB' => zSCXTV is in bytes. 'CP1' => zSCXTV has been compacted by a factor of 256. 'CP2' => zSCXTV has been compacted by a factor of 65536.
zSCXTV	INT	2	(IBM name: N/A) Secondary space extension value.

SMF042#27_VTOC_Audit_DSCB_Old.<fieldname>

zDSORG	INT (ENUM)	2	Data set organization. 'Unknown' => No DSORG recorded. 'IS' => Indexed sequential organization. 'PS' => Physical sequential organization. 'DA' => Direct organization. 'CX' => BTAM or QTAM line group. 'CQ' => QTAM direct access msg queue. 'MQ' => QTAM problem prog msg queue. 'PO' => Partitioned organization. 'U' => Unmovable, the data set contains location dependent information. 'GS' => Graphics organization. 'TX' => TCAM line group. 'TQ' => TCAM message queue. 'AM' => Access method control block or VSAM data set/space. 'TR' => TCAM 3705.
zRECFM	INT (ENUM)	1	Record Format. 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format). 'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format). 'VBS' => Variable length (blocked, spanned). 'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format). 'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).

SMF042#27_VTOC_Audit_DSCB_Old.zOPTCD.<fieldname>

zW	BIT	1	Write validity check.
zU	BIT	1	Allow data check (1403 prtr) if zDSORG=PO or PS. Data set cataloged in ICF catalog if zDSORG=AM. Track overflow if zDSORG=DA. Accumulate track index entries if zDSORG=IS.
zC	BIT	1	Chained scheduling using PCI if zDSORG=PO or PS. Data set is ICF catalog if zDSORG=AM. Extended search if zDSORG=DA. Master indices if zDSORG=IS.

zH	BIT	1	VSE/OS interchange feature if zDSORG=PO or PS. Not used if zDSORG=AM. Feedback if zDSORG=DA. Independent overflow area if zDSORG=IS.
zB	BIT	1	Treat EOF as EOVS (tape) if zDSORG=PO or PS. Not used if zDSORG=AM. Actual addressing if zDSORG=DA. Cylinder overflow area if zDSORG=IS.
zZ	BIT	1	Search direct if zDSORG=PO or PS. Not used if zDSORG=AM. Dynamic buffering if zDSORG=DA. Not used if zDSORG=IS.
zT	BIT	1	User label totaling if zDSORG=PO or PS. Not used if zDSORG=AM. Read exclusive if zDSORG=DA. Delete option if zDSORG=IS.
zJ	BIT	1	For 3800 printing subsystem if zDSORG=PO or PS. Not used if zDSORG=AM. Relative block addressing if zDSORG=DA. Reorganization criteria if zDSORG=IS.

SMF042#27_VTOC_Audit_DSCB_Old.<fieldname>

zBLKL	INT	2	Block length for RECFM=F records, maximum BLKSIZE for RECFM=U or RECFM=V records.
zLRECL	INT	2	Logical record length. Record length for RECFM=F, 0 for RECFM=U, Maximum record length for RECFM=V, Maximum record length (if <= 32756) or 32768 (if >32756) for RECFM=VS.
zKEYL	INT	1	Key length (0 - 255).
zRKP	HEX	2	Relative key position.

SMF042#27_VTOC_Audit_DSCB_Old.zDSIND.<fieldname>

zIND80	BIT	1	Last volume containing data in this data set.
zIND40	BIT	1	Data set is racf defined.
zIND20	BIT	1	Block length is a multiple of 8 bytes.
zIND10	BIT	1	Password is required to read or write or both.
zIND08	BIT	1	Data set modified since recall.
zIND04	BIT	1	If zIND10 is 1 then 1 => Password required to write but not to read, 0 => Password required to write or to read.
zIND02	BIT	1	Data set opened for other than input since last backup copy made.
zIND01	BIT	1	Secure checkpoint data set.

SMF042#27_VTOC_Audit_DSCB_Old.zSCALO.<fieldname>

zSCAL1	BINT (ENUM)	2	Space Parameters.
zEXT	BIT	1	Extension to secondary space description exists (zSCEXT).
zCONTG	BIT	1	Contiguous request.
zMXIG	BIT	1	MXIG request.
zALX	BIT	1	ALX request.
zAVRND	BIT	1	Round request.
zSCAL3	INT	3	(IBM name: N/A) Secondary Allocation quantity.

SMF042#27_VTOC_Audit_DSCB_Old.<fieldname>

zLSTAR	HEX	3	Last used track and block on track (TTR). Note: for EXTENDED format, high order bytes of TT may be contained zTRBAL.
zTRBAL	HEX	2	2 High order bytes of last used track for EXTENDED format (TTTTR). Zeroes (00) for PDSE, HFS, or VSAM. Otherwise code indicating space remaining on last used track.
zTTTHI	HEX	1	High order byte of zLSTAR. See zLARGE in zFLAG1.

SMF042#27_VTOC_Audit_DSCB_Old.zEXT.<fieldname>			
zEXTIN	HEX	1	(IBM name: N/A) Extent type indicator. X'81' => Extent on cylinder boundaries. X'40' => User label extent (first extent only, and is not counted in zNOEPV). X'04' => Index area extent (ISAM). X'02' => Overflow area extent (ISAM). X'01' => User's data block extent or is a prime area extent (ISAM).
zEXTSQ	INT	1	(IBM name: N/A) Extent sequence number.
zEXTLO	HEX	4	(IBM name: N/A) Lower limit (CCHH or, for a volume with more than 65,520 cylinders, CCCCcccH where 'CCCC' are the 16 low-order bits of the cylinder address and 'ccc' are the 12 high-order bits of the cylinder address. The head address 'H' is the 4 bit address of the track).
zEXTUP	HEX	4	(IBM name: N/A) Upper limit (CCHH or, for a volume with more than 65,520 cylinders, CCCCcccH where 'CCCC' are the 16 low-order bits of the cylinder address and 'ccc' are the 12 high-order bits of the cylinder address. The head address 'H' is the 4 bit address of the track).

SMF042#27_VTOC_Audit_DSCB_Old.<fieldname>			
zPTRDS	HEX	5	Zeroes or pointer (CCHHR) to format 2 or 3 DSCB for zFMTID=1. Pointer to format 9 DSCB for zFMTID=8.

Secondary segment: **SMF042#27_VTOC_Audit_DSCB_New**

Field Name	Type	Len	Description
SMF042#27_VTOC_Audit_DSCB_New.<fieldname>			
zDSNAM	CHAR	44	Data set name.
zFMTID	CHAR	1	Format identifier
zDSSN	CHAR	6	Data set serial number. (Identifies the first or only volume containing the data set/space).
zVOLSQ	INT	2	Volume sequence number (1-9999).
zCREDIT	DATE	3	Creation date.
zEXPDT	DATE	3	Expiration date.
zNOEPV	INT	1	Number of data extents on volume.
zNOBDB	INT	1	Number of bytes used in last directory block (PDS only).

SMF042#27_VTOC_Audit_DSCB_New.zFLAG1.<fieldname>			
zCOMPR	BIT	1	Compressable extended format (zSTRP must also be set).
zCPOIT	BIT	1	Checkpointed dataset.
zEXPBY	BIT	1	VSE exp date spec by ret period.
zRECAL	BIT	1	Data set has been recalled.
zLARGE	BIT	1	>64K track data set coexistence.
zENCRP	BIT	1	Access method encrypted data set.
zEATTR	BINT (ENUM)	2	Extended attribute setting as specified on the allocation request (EATTR=). 'Dflt' => EATTR has not been specified. The defaults for EAS eligibility apply. VSAM data sets default is EAS-eligible. This is equivalent to EATTR=OPT being specified. Non-VSAM data sets default is not EAS eligible. This is equivalent to EATTR=NO being specified. 'NO' => EATTR=NO has been specified. The data set cannot have extended attributes (format 8 and 9 DSCBs) or optionally reside in EAS. 'OPT' => EATTR=OPT has been specified. The data set can have extended attributes and optionally reside in EAS. This is the default for VSAM data sets. 'Unused' => Not Used. EATTR treated as not specified.

SMF042#27_VTOC_Audit_DSCB_New.<fieldname>			
zSYSCD	CHAR	13	System code.
zREFD	DATE	3	Date last referenced. Zero if not maintained

SMF042#27_VTOC_Audit_DSCB_New.zSMSFG.<fieldname>			
zSMSDS	BIT	1	System managed data set.
zSMSUC	BIT	1	No BCS entry exists for data set.
zREBLK	BIT	1	SDB and D.S. may be reblocked.
zCRSDB	BIT	1	DADSM CREATE originated BLKSIZE.
zPDSE	BIT	1	PDSE data set.
zSTRP	BIT	1	Extended format data set.
zPDSEX	BIT	1	HFS data set.
zDSAE	BIT	1	Extended attributes are maintained in catalog entry.

SMF042#27_VTOC_Audit_DSCB_New.zSCEXT.<fieldname>			
zSCXTF	INT (ENUM)	1	(IBM name: N/A) Secondary space extension value (zSCXTV) units. 'None' => No secondary space extension. 'AVB' => zSCXTV is the original average block length. 'MB' => zSCXTV is in megabytes. 'KB' => zSCXTV is in kilobytes. 'UB' => zSCXTV is in bytes. 'CP1' => zSCXTV has been compacted by a factor of 256. 'CP2' => zSCXTV has been compacted by a factor of 65536.
zSCXTV	INT	2	(IBM name: N/A) Secondary space extension value.

SMF042#27_VTOC_Audit_DSCB_New.<fieldname>			
zDSORG	INT (ENUM)	2	Data set organization. 'Unknown' => No DSORG recorded. 'IS' => Indexed sequential organization. 'PS' => Physical sequential organization. 'DA' => Direct organization. 'CX' => BTAM or QTAM line group. 'CQ' => QTAM direct access msg queue. 'MQ' => QTAM problem prog msg queue. 'PO' => Partitioned organization. 'U' => Unmovable, the data set contains location dependent information. 'GS' => Graphics organization. 'TX' => TCAM line group. 'TQ' => TCAM message queue. 'AM' => Access method control block or VSAM data set/space. 'TR' => TCAM 3705.
zRECFM	INT (ENUM)	1	Record Format. 'Unk' => No RECFM recorded. 'F' => Fixed length. 'FA' => Fixed length (ANSI format). 'FB' => Fixed length (blocked). 'FBA' => Fixed length (blocked, ANSI format). 'FBM' => Fixed length (blocked, machine code format). 'FBS' => Fixed length (blocked, standard blocks). 'FBSA' => Fixed length (blocked, standard blocks, ANSI format). 'FBSM' => Fixed length (blocked, standard blocks, machine code format). 'FBT' => Fixed length (blocked, track overflow). 'FBTA' => Fixed length (blocked, track overflow, ANSI format). 'FBTM' => Fixed length (blocked, track overflow, machine code format). 'FM' => Fixed length (machine code format). 'FS' => Fixed length (standard blocks). 'FSA' => Fixed length (standard blocks, ANSI format). 'FSM' => Fixed length (standard blocks, machine code format). 'FT' => Fixed length (track overflow). 'FTA' => Fixed length (track overflow, ANSI format). 'FTM' => Fixed length (track overflow, machine code format). 'U' => Undefined-length. 'UA' => Undefined-length (ANSI format). 'UM' => Undefined-length (machine code format). 'UT' => Undefined-length (track overflow). 'UTA' => Undefined-length (track overflow, ANSI format). 'UTM' => Undefined-length (track overflow, machine code format). 'V' => Variable length. 'VA' => Variable length (ANSI format). 'VB' => Variable length (blocked). 'VBA' => Variable length (blocked, ANSI format). 'VBM' => Variable length (blocked, machine code format).

			'VBS' => Variable length (blocked, spanned). 'VBSA' => Variable length (blocked, spanned, ANSI format). 'VBSM' => Variable length (blocked, spanned, machine code format). 'VBST' => Variable length (blocked, spanned, track overflow). 'VBSTA' => Variable length (blocked, spanned, track overflow, ANSI format). 'VBSTM' => Variable length (blocked, spanned, track overflow, machine code format). 'VBT' => Variable length (blocked, track overflow). 'VBTA' => Variable length (blocked, track overflow, ANSI format). 'VBTM' => Variable length (blocked, track overflow, machine code format). 'VM' => Variable length (machine code format). 'VS' => Variable length (spanned). 'VSA' => Variable length (spanned, ANSI format). 'VSM' => Variable length (spanned, machine code format). 'VT' => Variable length (track overflow). 'VTA' => Variable length (track overflow, ANSI format). 'VTM' => Variable length (track overflow, machine code format).
--	--	--	---

SMF042#27_VTOC_Audit_DSCB_New.zOPTCD.<fieldname>			
zW	BIT	1	Write validity check.
zU	BIT	1	Allow data check (1403 prtr) if zDSORG=PO or PS. Data set cataloged in ICF catalog if zDSORG=AM. Track overflow if zDSORG=DA. Accumulate track index entries if zDSORG=IS.
zC	BIT	1	Chained scheduling using PCI if zDSORG=PO or PS. Data set is ICF catalog if zDSORG=AM. Extended search if zDSORG=DA. Master indecies if zDSORG=IS.
zH	BIT	1	VSE/OS interchange feature if zDSORG=PO or PS. Not used if zDSORG=AM. Feedback if zDSORG=DA. Independent overflow area if zDSORG=IS.
zB	BIT	1	Treat EOF as EOv (tape) if zDSORG=PO or PS. Not used if zDSORG=AM. Actual addressing if zDSORG=DA. Cylinder overflow area if zDSORG=IS.
zZ	BIT	1	Search direct if zDSORG=PO or PS. Not used if zDSORG=AM. Dynamic buffering if zDSORG=DA. Not used if zDSORG=IS.
zT	BIT	1	User label totaling if zDSORG=PO or PS. Not used if zDSORG=AM. Read exclusive if zDSORG=DA. Delete option if zDSORG=IS.
zJ	BIT	1	For 3800 printing subsystem if zDSORG=PO or PS. Not used if zDSORG=AM. Relative block addressing if zDSORG=DA. Reorganization criteria if zDSORG=IS.

SMF042#27_VTOC_Audit_DSCB_New.<fieldname>			
zBLKL	INT	2	Block length for RECFM=F records, maximum BLKSIZE for RECFM=U or RECFM=V records.
zLRECL	INT	2	Logical record length. Record length for RECFM=F, 0 for RECFM=U, Maximum record length for RECFM=V, Maximum record length (if <= 32756) or 32768 (if >32756) for RECFM=VS.
zKEYL	INT	1	Key length (0 - 255).
zRKP	HEX	2	Relative key position.

SMF042#27_VTOC_Audit_DSCB_New.zDSIND.<fieldname>			
zIND80	BIT	1	Last volume containing data in this data set.
zIND40	BIT	1	Data set is racf defined.
zIND20	BIT	1	Block length is a multiple of 8 bytes.
zIND10	BIT	1	Password is required to read or write or both.
zIND08	BIT	1	Data set modified since recall.
zIND04	BIT	1	If zIND10 is 1 then 1 => Password required to write but not to read, 0 => Password required to write or to read.
zIND02	BIT	1	Data set opened for other than input since last backup copy made.
zIND01	BIT	1	Secure checkpoint data set.

SMF042#27_VTOC_Audit_DSCB_New.zSCALO.<fieldname>			
zSCAL1	BINT (ENUM)	2	Space Parameters.
zEXT	BIT	1	Extension to secondary space description exists (zSCEXT).
zCONTG	BIT	1	Contiguous request.
zMXIG	BIT	1	MXIG request.
zALX	BIT	1	ALX request.
zAVRND	BIT	1	Round request.
zSCAL3	INT	3	(IBM name: N/A) Secondary Allocation quantity.

SMF042#27_VTOC_Audit_DSCB_New.<fieldname>			
zLSTAR	HEX	3	Last used track and block on track (TTR). Note: for EXTENDED format, high order bytes of TT may be contained zTRBAL.
zTRBAL	HEX	2	2 High order bytes of last used track for EXTENDED format (TTTTR). Zeroes (00) for PDSE, HFS, or VSAM. Otherwise code indicating space remaining on last used track.
zTTTHI	HEX	1	High order byte of zLSTAR. See zLARGE in zFLAG1.

SMF042#27_VTOC_Audit_DSCB_New.zEXT.<fieldname>			
zEXTIN	HEX	1	(IBM name: N/A) Extent type indicator. X'81' => Extent on cylinder boundaries. X'40' => User label extent (first extent only, and is not counted in zNOEPV). X'04' => Index area extent (ISAM). X'02' => Overflow area extent (ISAM). X'01' => User's data block extent or is a prime area extent (ISAM).
zEXTSQ	INT	1	(IBM name: N/A) Extent sequence number.
zEXTLO	HEX	4	(IBM name: N/A) Lower limit (CCHH or, for a volume with more than 65,520 cylinders, CCCCcccH where 'CCCC' are the 16 low-order bits of the cylinder address and 'ccc' are the 12 high-order bits of the cylinder address. The head address 'H' is the 4 bit address of the track).
zEXTUP	HEX	4	(IBM name: N/A) Upper limit (CCHH or, for a volume with more than 65,520 cylinders, CCCCcccH where 'CCCC' are the 16 low-order bits of the cylinder address and 'ccc' are the 12 high-order bits of the cylinder address. The head address 'H' is the 4 bit address of the track).

SMF042#27_VTOC_Audit_DSCB_New.<fieldname>			
zPTRDS	HEX	5	Zeroes or pointer (CCHHR) to format 2 or 3 DSCB for zFMTID=1. Pointer to format 9 DSCB for zFMTID=8.

Record Type 43 - JES Startup

SMF Record 43 (JES Startup) is mapped by structure member "T043".

Primary Segment:

- SMF043_JES_Startup

Secondary Segment(s): 2 (in alphabetical order)

- SMF043_JES2_Start
- SMF043_JES3_Start

Primary segment: SMF043_JES_Startup

Field Name	Type	Len	Description
<i>SMF043_JES_Startup.<fieldname></i>			
SMF043_JES_Startup.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF43FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF43RTY) Record type 43 (X'2B').
zTME	TSTMP	8	(IBM name: SMF43TME) Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF43SID) System identification (from the SID parameter).
zSBS	INT (ENUM)	2	(IBM name: SMF43SBS) Subsystem identification.
zLRR	INT	2	(IBM name: SMF43LRR) Length of rest of record, excluding this field.

Secondary segment: SMF043_JES2_Start

Field Name	Type	Len	Description
<i>SMF043_JES2_Start.<fieldname></i>			
SMF043_JES2_Start.zRST.<fieldname>			
zRWR	BIT	1	If 1, record written for \$E SYS command, otherwise record written for \$S JES2 command.
SMF043_JES2_Start.zOPT.<fieldname>			
zFORMAT	BIT	1	FORMAT the spool.
zCOLD	BIT	1	COLD start.
zREQ	BIT	1	REQ option was specified.
zLIST	BIT	1	LIST option was specified.
zLOG	BIT	1	LOG option was specified.
zRECONFIG	BIT	1	RECONFIG option was specified.
zCONSOLE	BIT	1	CONSOLE option was specified.
zJES2	BIT	1	JES2 determined that it could perform a quick start.
SMF043_JES2_Start.<fieldname>			

zEID	CHAR	4	(IBM name: SMF43EID) If \$E SYS command, identification of system whose job processing is to be reclaimed. If \$\$ JES2 command, zero.
------	------	---	---

Secondary segment: **SMF043_JES3_Start**

Field Name	Type	Len	Description
<i>SMF043_JES3_Start.<fieldname></i>			
SMF043_JES3_Start.zRST.<fieldname>			
zCOLD	BIT	1	COLD start
zWARM	BIT	1	WARM start
zHOT	BIT	1	HOT start
zQUEUE	BIT	1	START is with JES3 queue analysis
zGLOBAL	BIT	1	JES3 global processor. This bit is always set if start is a cold start or warm start.
zLOCAL	BIT	1	JES3 local processor. This bit is always set if start is a hot start.
zDSI	BIT	1	DYNAMIC system interchange (DSI) was invoked by operator to convert a local processor to the global processor. zHOT and zGLOBAL will also be set.

SMF043_JES3_Start.<fieldname>			
zUS1	INT	1	(IBM name: SMF43US1) User flags.
zNMU	CHAR	1	(IBM name: SMF43NMU) JES3 initialization deck origin type (taken from operator's response to WTOR macro).
zORG	CHAR	8	(IBM name: SMF43ORG) JES3 initialization deck origin location (taken from operator's response to WTOR macro). Contents are as follows: If zNMU=N, the member name from JCL in the JES3 procedure. If zNMU=M, the member name on Dataset in the JES3 procedure. If zNMU=U, the unit address of the 3 or 4 digit unit at the specified address (stored in 4-digit format).
zPJ3	CHAR	4	(IBM name: SMF43PJ3) JES3 procedure name.

Record Type 45 - JES Stop

SMF Record 45 (JES Stop) is mapped by structure member "T045".

Primary Segment:

- SMF045_JES_Stop

Secondary Segment(s): 0

Primary segment: SMF045_JES_Stop

Field Name	Type	Len	Description
<i>SMF045_JES_Stop.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF45FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF45RTY) Record type 45 (X'2B').
zTME	TSTMP	8	(IBM name: SMF45TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF45SID) System identification (from the SID parameter).
zSBS	INT (ENUM)	2	(IBM name: SMF45SBS) Subsystem identification.
zRSV	CHAR	2	(IBM name: SMF45RSV) Reserved.
zLRR	INT	2	(IBM name: SMF45LRR) Length of rest of record, excluding this field.
<i>SMF045_JES_Stop.zIND.<fieldname></i>			
zAbnorm	BIT	1	Abnormal JES2 termination
<i>SMF045_JES_Stop.<fieldname></i>			
zJCC	INT	2	(IBM name: SMF45JCC) JES2 completion code.

Record Type 47 - JES SIGNON / Start Line

SMF Record 47 (JES SIGNON / Start Line) is mapped by structure member "T047".

Primary Segment:

- [SMF047_JES_Start_Line](#)

Secondary Segment(s): 0

Primary segment: [SMF047_JES_Start_Line](#)

Field Name	Type	Len	Description
<i>SMF047_JES_Start_Line.<fieldname></i>			
<i>SMF047_JES_Start_Line.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF47FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF47RTY) Record type 47 (X'2F').
zTME	TSTMP	8	(IBM name: SMF47TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF47SID) System identification (from the SID parameter).
zSBS	INT (ENUM)	2	(IBM name: SMF47SBS) Subsystem identification.
zRSV	CHAR	2	(IBM name: SMF47RSV) Reserved.
zLRR	INT	2	(IBM name: SMF47LRR) Length of rest of record, excluding this field.
<i>SMF047_JES_Start_Line.Header_Self_defining_Section.zEVT.<fieldname></i>			
zLNE	BIT	1	Record written for \$S LNE command
zSignOn	BIT	1	Record written for SIGNON.
<i>SMF047_JES_Start_Line.General.<fieldname></i>			
zLN1	INT	2	(IBM name: SMF47LN1) Length of general section, including this field.
zRMT	CHAR	8	(IBM name: SMF47RMT) Remote name as defined in JESPARMS. (This field is filled in only if a remote terminal is connected to this line.)
zLIN	CHAR	8	(IBM name: SMF47LIN) Line name as defined in JESPARMS.
zPSW	CHAR	8	(IBM name: SMF47PSW) Password as defined in JESPARMS.
<i>SMF047_JES_Start_Line.Message.<fieldname></i>			
zLN2	INT	2	(IBM name: SMF47LN2) Length of rest of record, including this field.
zMSG	CHAR	36	(IBM name: SMF47MSG) Message text. This field includes columns 45-70 of the SIGNON card image.

Record Type 48 - JES SIGNOFF / Stop Line

SMF Record 48 (JES SIGNOFF / Stop Line) is mapped by structure member "T048".

Primary Segment:

- SMF048_JES_Stop_Line

Secondary Segment(s): 0

Primary segment: SMF048_JES_Stop_Line

Field Name	Type	Len	Description
<i>SMF048_JES_Stop_Line.<fieldname></i>			
<i>SMF048_JES_Stop_Line.Header_Self_defining_Section.<fieldname></i>			
zFLG	INT	1	(IBM name: SMF48FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF48RTY) Record type 48 (X'30').
zTME	TSTMP	8	(IBM name: SMF48TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF48SID) System identification (from the MEMBER statement).
zSBS	INT (ENUM)	2	(IBM name: SMF48SBS) Subsystem identification.
zRSV	CHAR	2	(IBM name: SMF48RSV) Reserved.
zLRR	INT	2	(IBM name: SMF48LRR) Length of rest of record, excluding this field.
<i>SMF048_JES_Stop_Line.Header_Self_defining_Section.zEVT.<fieldname></i>			
zLNE	BIT	1	Record written for \$S LNE command
zSignOff	BIT	1	Record written for SIGNOFF.
<i>SMF048_JES_Stop_Line.Header_Self_defining_Section.<fieldname></i>			
zRV1	CHAR	2	(IBM name: SMF48RV1) Reserved.
zRMT	CHAR	8	(IBM name: SMF48RMT) Remote name as defined in JESPARMS. (This field is filled in only if a remote terminal is connected to this line.)
zLIN	CHAR	8	(IBM name: SMF48LIN) Line name as defined in JESPARMS.
zPSW	CHAR	8	(IBM name: SMF48PSW) Password as defined in JESPARMS.
zIO	INT	4	(IBM name: SMF48IO) Number of EXCPs for this line.
zNAK	INT	4	(IBM name: SMF48NAK) Number of negative acknowledgements to write text.
zDCK	INT	4	(IBM name: SMF48DCK) Number of data checks to read text.
zOUT	INT	4	(IBM name: SMF48OUT) Number of time outs to read text.
zERR	INT	4	(IBM name: SMF48ERR) Sum of all other line errors.

zLAA	HEX	3	(IBM name: SMF48LAA) 3-digit hexadecimal device number.
zLA4	HEX	4	(IBM name: SMF48LA4) 4-digit hexadecimal device number.

Record Type 49 - JES Integrity

SMF Record 49 (JES Integrity) is mapped by structure member "T049".

Primary Segment:

- [SMF049_JES_Integrity](#)

Secondary Segment(s): 0

Primary segment: [SMF049_JES_Integrity](#)

Field Name	Type	Len	Description
<i>SMF049_JES_Integrity.<fieldname></i>			
<i>SMF049_JES_Integrity.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF49FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF49RTY) Record type 49 (X'31').
zTME	TSTMP	8	(IBM name: SMF49TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF49SID) System identification (from the SID parameter).
zSBS	INT (ENUM)	2	(IBM name: SMF49SBS) Subsystem identification.
zRSV	CHAR	2	(IBM name: SMF49RSV) Reserved.
zLRR	INT	2	(IBM name: SMF49LRR) Length of rest of record, excluding this field.
<i>SMF049_JES_Integrity.Header_Self_defining_Section.zEVT.<fieldname></i>			
zStartedLine	BIT	1	Started line
zSignOn	BIT	1	Record written for SIGNON.
<i>SMF049_JES_Integrity.Identification.<fieldname></i>			
zLN1	INT	2	(IBM name: SMF49LN1) Length of identification section, including this field.
zRMT	CHAR	8	(IBM name: SMF49RMT) Remote name as defined in JESPARMS. (This field is filled in only if a remote terminal is connected to this line.)
zLIN	CHAR	8	(IBM name: SMF49LIN) Line name as defined in JESPARMS.
zPSW	CHAR	8	(IBM name: SMF49PSW) Incorrect password.
<i>SMF049_JES_Integrity.Message.<fieldname></i>			
zLN2	INT	2	(IBM name: SMF49LN2) Length of rest of record, including this field.
zMSG	CHAR	36	(IBM name: SMF49MSG) Message text. This field includes columns 35-70 of the SIGNON card image.

Record Type 50 - VTAM Tuning Statistics

SMF Record 50 (VTAM Tuning Statistics) is mapped by structure member "T050".

Primary Segment:

- [SMF050_VTAM_Tuning_Statistics](#)

Secondary Segment(s): 11 (in alphabetical order)

- [SMF050_CTCA](#)
- [SMF050_MPC_Channel_Group](#)
- [SMF050_MPC_Channel_OSA_Read](#)
- [SMF050_MPC_Channel_OSA_Write](#)
- [SMF050_MPC_Channel_Read_or_Write](#)
- [SMF050_MPC_XCF_Group](#)
- [SMF050_MPC_XCF_RW](#)
- [SMF050_RoCE_Port](#)
- [SMF050_RoCE_User](#)
- [SMF050_SNA_Controllers](#)
- [SMF050_TCP](#)

Primary segment: [SMF050_VTAM_Tuning_Statistics](#)

Field Name	Type	Len	Description
<i>SMF050_VTAM_Tuning_Statistics.<fieldname></i>			
<i>SMF050_VTAM_Tuning_Statistics.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	Record type 14 (X'0E').
zTME	TSTMP	8	Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	System identification (from the SID parameter).

Secondary segment: [SMF050_SNA_Controllers](#)

Field Name	Type	Len	Description
<i>SMF050_SNA_Controllers.<fieldname></i>			
zID	CHAR	8	Controller name.
zDLRMAX	INT	4	Dump load restart requests (DLRMAX).
zCHWR	INT	4	Write channel program count (CHWR).
zCHRD	INT	4	Read channel program count (CHRD).
zATTN	INT	4	Total attention interrupts received (ATTN).
zRDATN	INT	4	Attentions on ends of READs (RDATN).
zIPDU	INT	4	Number of PDUs inbound (IPIU).
zOPDU	INT	4	Number of PDUs outbound (OPIU).
zRDBUF	INT	4	Total read buffers used (RDBUF).
zSLODN	INT	4	Number of slowdowns (SLODN).
zXL	INT	1	Extension length (including this field).
zVER	CHAR	2	Version = X'F0F4'.
zINLP	INT	4	Number of inbound NLPs (INLP).

zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	Number of bytes read from inbound NLPs (BFNLP).

Secondary segment: SMF050_CTCA

Field Name	Type	Len	Description
<i>SMF050_CTCA.<fieldname></i>			
zID	CHAR	8	CTCA name (ID).
zDLRMAX	INT	4	Dump load restart requests (DLRMAX).
zCHWR	INT	4	Normal-sized channel program count (CHNRM).
zCHRD	INT	4	Large-sized channel program count (CHMAX).
zATTN	INT	4	Total attention interrupts received (ATTN).
zRDATN	INT	4	Number of write buffers used (WRBUF). For packed channel programs the counts represent the number of bytes read or written. For old style (nonpacked format) it is the number of buffers.
zIPDU	INT	4	Number of PIUs inbound (IPIU)
zOPDU	INT	4	Number of PIUs outbound (OPIU)
zRDBUF	INT	4	Total input bytes used (RDBUF). For packed channel programs the counts represent the number of bytes read or written. For old style (nonpacked format) it is the number of buffers.
zSLODN	INT	4	Number of slowdowns (SLODN).
zXL	INT	1	CTCA extension length (including this field).
zTYPE	INT	1	CTCA attachment type.
zVER	CHAR	2	CTCA version = X'F0F1'.
zTIMERS	INT	4	Channel program starts because of timer trigger (TIMERS).
zQDPTH	INT	4	Channel program starts because of queue depth limit trigger (QDPTH).
zBUFCAP	INT	4	Channel program starts because of destination capacity limit trigger (BUFCAP).
zPRI	INT	4	Channel program starts because of high priority request trigger (PRI).

Secondary segment: SMF050_MPC_XCF_Group

Field Name	Type	Len	Description
<i>SMF050_MPC_XCF_Group.<fieldname></i>			
zID	CHAR	8	TRLE name.
zTOK	HEX	8	MVS token.
zTSWEEP	INT	4	Number of timer sweeps (TSWEEP). Group statistics only, this value is always 0 for HPDT MPC connections.
zQSWEEP	INT	4	Number of queue sweeps (QSWEEP). Group statistics only, this value is always 0 for HPDT MPC connections.
zRECW	INT	4	Number of write records. Group statistics only.
zRECR	INT	4	Number of read records. Group statistics only.
zRECRW	INT	4	Number of READ/WRITE records. Group statistics only.
zXL	INT	1	CTCA extension length (including this field).

zTYPE	INT (ENUM)	1	CTCA attachment type. Group => Statistics for entire MPC group. This is the 1st record in the group. RorW => Statistics for a READ or WRITE subchannel (MPC using channels only). RW => Statistics for the READ/WRITE subchannel (MPC XCF only). This is the 2nd record in the group. OSA => Statistics for the OSA-Express or Hipersockets datapath queue (MPC using channels only).
zVER	CHAR	2	CTCA version = X'F0F2'.
zINLP	INT	4	Number of inbound NLPs (INLP).
zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	NLP byte count.
zNBYTECTO	INT	4	NLP byte count overflow.

Secondary segment: **SMF050_MPC_XCF_RW**

Field Name	Type	Len	Description
<i>SMF050_MPC_XCF_RW.<fieldname></i>			
zID	CHAR	8	TRLE name.
zTOK	HEX	8	MVS token.
zBYTER	INT	4	Number of received bytes. READ/WRITE subchannel statistics only.
zBYTEO	INT	4	Receive byte overflow count. READ/WRITE subchannel statistics only.
zXCF	CHAR	4	XCF identifier (XCF). READ/WRITE subchannel statistics only.
zBSIZE	INT	4	Transmit block size (BSIZE). READ/WRITE subchannel statistics only.
zRDWR	CHAR	4	READ/WRITE indicator (RDWR). READ/WRITE subchannel statistics only.
zBYTECNT	INT	4	Sent byte count. READ/WRITE subchannel statistics only.
zXL	INT	1	CTCA extension length (including this field).
zTYPE	INT (ENUM)	1	CTCA attachment type. Group => Statistics for entire MPC group. This is the 1st record in the group. RorW => Statistics for a READ or WRITE subchannel (MPC using channels only). RW => Statistics for the READ/WRITE subchannel (MPC XCF only). This is the 2nd record in the group. OSA => Statistics for the OSA-Express or Hipersockets datapath queue (MPC using channels only).
zVER	CHAR	2	CTCA version = X'F0F2'.
zBYTECNTO	INT	4	Send byte overflow count. READ/WRITE subchannel statistics only.
zMAXBYTES	INT	4	Max transmit size (MAXBYTES). READ/WRITE subchannel statistics only.
zINLP	INT	4	Number of inbound NLPs (INLP).
zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	NLP byte count.
zNBYTECTO	INT	4	NLP byte count overflow.

Secondary segment: **SMF050_MPC_Channel_Group**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF050_MPC_Channel_Group.<fieldname>			
zID	CHAR	8	MPC line name.
zDLRMAX	INT	4	Dump load restart requests (DLRMAX).
zIPDU	INT	4	Number of PDUs inbound (IPIU).
zOPDU	INT	4	Number of PDUs outbound (OPIU).
zTSWEEP	INT	4	Number of timer sweeps (TSWEEP). Group statistics only, this value is always 0 for HPDT MPC connections.
zQSWEEP	INT	4	Number of queue sweeps (QSWEEP). Group statistics only, this value is always 0 for HPDT MPC connections.
zRECW	INT	4	Number of write records. Group statistics only.
zRECR	INT	4	Number of read records. Group statistics only.
zXL	INT	1	CTCA extension length (including this field).
zTYPE	INT (ENUM)	1	CTCA attachment type. Group => Statistics for entire MPC group. This is the 1st record in the group. RorW => Statistics for a READ or WRITE subchannel (MPC using channels only). RW => Statistics for the READ/WRITE subchannel (MPC XCF only). This is the 2nd record in the group. OSA => Statistics for the OSA-Express or Hipersockets datapath queue (MPC using channels only).
zVER	CHAR	2	CTCA version = X'F0F2'.
zINLP	INT	4	Number of inbound NLPs (INLP).
zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	NLP byte count.
zNBYTECTO	INT	4	NLP byte count overflow.
zOSAQ	INT	4	Number of OSA-Express datapath queues.

Secondary segment: SMF050_MPC_Channel_Read_or_Write

Field Name	Type	Len	Description
SMF050_MPC_Channel_Read_or_Write.<fieldname>			
zID	CHAR	8	MPC line name.
zDLRMAX	INT	4	Dump load restart requests (DLRMAX).
zDEV	CHAR	4	Device address (DEV). Read and Write subchannel statistics only.
zBSIZE	INT	4	Transmit block size (BSIZE). READ and WRITE subchannel statistics only.
zDIR	CHAR	4	Subchannel polarity (DIR).
zBYTECNT	INT	4	Transmit or receive byte count (BYTECNT). READ and WRITE subchannel and OSA datapath statistics only.
zXL	INT	1	CTCA extension length (including this field).
zTYPE	INT (ENUM)	1	CTCA attachment type. Group => Statistics for entire MPC group. This is the 1st record in the group. RorW => Statistics for a READ or WRITE subchannel (MPC using channels only). RW => Statistics for the READ/WRITE subchannel (MPC XCF only). This is the 2nd record in the group. OSA => Statistics for the OSA-Express or Hipersockets datapath queue (MPC using channels only).
zVER	CHAR	2	CTCA version = X'F0F2'.
zBYTECNTO	INT	4	

			Overflow byte count (BYTECNTO). READ and WRITE subchannel and OSA datapath statistics only.
zSLOWDOWN	INT	4	Slowdown frequency (SLOWDOWN). READ and WRITE subchannel statistics only.
zSIO	INT	4	Number of SIO issued (SIO). READ and WRITE subchannel statistics only.
zMAXBYTES	INT	4	Max transmit size (MAXBYTES). READ and WRITE subchannel statistics only.
zINLP	INT	4	Number of inbound NLPs (INLP).
zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	NLP byte count.
zNBYTECTO	INT	4	NLP byte count overflow.

Secondary segment: SMF050_MPC_Channel_OSA_Read

Field Name	Type	Len	Description
<i>SMF050_MPC_Channel_OSA_Read.<fieldname></i>			
zID	CHAR	8	MPC line name.
zDLRMAX	INT	4	Dump load restart requests (DLRMAX).
zDEV	CHAR	4	Device address (DEV). Read and Write subchannel statistics only.
zBSIZE	INT	4	Transmit block size (BSIZE). READ and WRITE subchannel statistics only.
zDIR	CHAR	4	Subchannel polarity (DIR).
zBYTECNT	INT	4	Transmit or receive byte count (BYTECNT). READ and WRITE subchannel and OSA datapath statistics only.
zXL	INT	1	CTCA extension length (including this field).
zTYPE	INT (ENUM)	1	CTCA attachment type. Group => Statistics for entire MPC group. This is the 1st record in the group. RorW => Statistics for a READ or WRITE subchannel (MPC using channels only). RW => Statistics for the READ/WRITE subchannel (MPC XCF only). This is the 2nd record in the group. OSA => Statistics for the OSA-Express or Hipersockets datapath queue (MPC using channels only).
zVER	CHAR	2	CTCA version = X'F0F2'.
zBYTECNTO	INT	4	Overflow byte count (BYTECNTO). READ and WRITE subchannel and OSA datapath statistics only.
zINLP	INT	4	Number of inbound NLPs (INLP).
zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	NLP byte count.
zNBYTECTO	INT	4	NLP byte count overflow.
zPCIREALO	INT	4	OSA-Express READ queue: PCIR overflow.
zPCIREAL	INT	4	OSA-Express READ queue: PCIR count.
zPCIVIRTO	INT	4	OSA-Express READ queue: PCIV overflow.
zPCIVIRT	INT	4	OSA-Express READ queue: PCIV count.
zPCITHRSO	INT	4	OSA-Express READ queue: PCIT overflow.
zPCITHRSH	INT	4	OSA-Express READ queue: PCIT count.
zPCIUNPRO	INT	4	OSA-Express READ queue: PCIU overflow.
zPCIUNPRD	INT	4	OSA-Express READ queue: PCIU count.

zRPROCDEO	INT	4	OSA-Express READ queue: processing deferrals overflow.
zRPROCDEF	INT	4	OSA-Express READ queue: processing deferrals.
zRREPLDEO	INT	4	OSA-Express READ queue: replenishment deferrals overflow.
zRREPLDEF	INT	4	OSA-Express READ queue: replenishment deferrals.
zNOREADSO	INT	4	OSA-Express READ queue: reads exhausted overflow.
zNOREADS	INT	4	OSA-Express READ queue: reads exhausted.
zSBALCNTO	INT	4	OSA-Express READ queue: SBAL count overflow.
zSBALCNT	INT	4	OSA-Express READ queue: SBAL count.
zEARLYINO	INT	4	OSA-Express READ queue: early interrupt count overflow.
zEARLYINT	INT	4	OSA-Express READ queue: early interrupt count.
zULPRETUO	INT	4	OSA-Express READ queue: early interrupt phase II spinout count overflow.
zULPRETU	INT	4	OSA-Express READ queue: early interrupt phase II spinout count overflow.
zPACKCNTO	INT	4	OSA-Express READ queue: packet count overflow.
zPACKCNT	INT	4	OSA-Express READ queue: packet count.
zPKTIQDO	INT	4	OSA-Express or Hipersockets READ queue: accelerated packet count overflow.
zPKTIQD	INT	4	OSA-Express or Hipersockets READ queue: accelerated packet count.
zBYTIQDO	INT	4	OSA-Express or Hipersockets READ queue: accelerated byte count overflow.
zBYTIQD	INT	4	OSA-Express or Hipersockets READ queue: accelerated byte count.
zFRINVCTO	INT	4	OSA-Express3 or later READ queue: frame invalidation packet count overflow.
zFRINVCT	INT	4	OSA-Express3 or later READ queue: frame invalidation packet count.
zREADQ	CHAR	8	READ queue name.

Secondary segment: SMF050_MPC_Channel_OSA_Write

Field Name	Type	Len	Description
<i>SMF050_MPC_Channel_OSA_Write.<fieldname></i>			
zID	CHAR	8	MPC line name.
zDLRMAX	INT	4	Dump load restart requests (DLRMAX).
zDEV	CHAR	4	Device address (DEV). Read and Write subchannel statistics only.
zBSIZE	INT	4	Transmit block size (BSIZE). READ and WRITE subchannel statistics only.
zDIR	CHAR	4	Subchannel polarity (DIR).
zBYTECNT	INT	4	Transmit or receive byte count (BYTECNT). READ and WRITE subchannel and OSA datapath statistics only.
zXL	INT	1	CTCA extension length (including this field).
zTYPE	INT (ENUM)	1	CTCA attachment type. Group => Statistics for entire MPC group. This is the 1st record in the group. RorW => Statistics for a READ or WRITE subchannel (MPC using channels only). RW => Statistics for the READ/WRITE subchannel (MPC XCF only). This is the 2nd record in the group. OSA => Statistics for the OSA-Express or Hipersockets datapath queue (MPC using channels only).
zVER	CHAR	2	CTCA version = X'F0F2'.
zBYTECNTO	INT	4	

			Overflow byte count (BYTECNTO). READ and WRITE subchannel and OSA datapath statistics only.
zINLP	INT	4	Number of inbound NLPs (INLP).
zONLP	INT	4	Number of outbound NLPs (ONLP).
zNBYTECT	INT	4	NLP byte count.
zNBYTECTO	INT	4	NLP byte count overflow.
zSBALMAX	INT	4	OSA-Express WR/x queue: maximum SBALs.
zSBALAVG	INT	4	OSA-Express WR/x queue: average SBALs.
zQDPHMAX	INT	4	OSA-Express WR/x queue: maximum queue depth.
zQDPHAVG	INT	4	OSA-Express WR/x queue: average queue depth.
zSIGACNTO	INT	4	OSA-Express WR/x queue: SIGA overflow.
zSIGACNT	INT	4	OSA-Express WR/x queue: SIGA count.
zSBALCNTO	INT	4	OSA-Express WR/x queue: SBAL count overflow.
zSBALCNT	INT	4	OSA-Express WR/x queue: SBAL count.
zPACKCNTO	INT	4	OSA-Express WR/x queue: packet count overflow.
zPACKCNT	INT	4	OSA-Express WR/x queue: packet count.
zPKTIQDO	INT	4	OSA-Express or Hipersockets WR/x queue: accelerated packet count overflow.
zPKTIQD	INT	4	OSA-Express or Hipersockets WR/x queue: accelerated packet count.
zBYTIQDO	INT	4	OSA-Express or Hipersockets WR/x queue: accelerated byte count overflow.
zBYTIQD	INT	4	OSA-Express or Hipersockets WR/x queue: accelerated byte count.
zOSA_RQNME	CHAR	8	READ queue name.

Secondary segment: SMF050_TCP

Field Name	Type	Len	Description
<i>SMF050_TCP.<fieldname></i>			
zID	CHAR	8	TCP line name.
zCHWR	INT	4	Count of write channel programs (not CDLC).
zCHRD	INT	4	Count of read channel programs (not CDLC).
zATTN	INT	4	Number of attentions.
zRDATN	INT	4	Largest outbound packet sent.
zIPDU	INT	4	Largest packet received.
zXL	INT	1	Extension length (including this field).
zVER	CHAR	2	CTCA version = X'F0F3'.
zIPACK	INT	4	Inbound packet count.
zOPACK	INT	4	Outbound packet count.
zIBYTE	INT	4	Inbound byte count.
zIBYTEO	INT	4	Inbound byte count, overflow.
zOBYTE	INT	4	Outbound byte count.
zOBYTEO	INT	4	Outbound byte count, overflow.
zLTYPE	INT (ENUM)	1	TCP legacy type.

zPCII	INT	4	Number of PCI interrupts (CLAW only).
zRCCW	INT	4	Number of READ CCWs completed (CLAW only).
zWCCW	INT	4	Number of WRITE CCWs completed (CLAW only).
zWAPP	INT	4	Number of WRITE appends (CLAW only).
zSIO	INT	4	Number of READ/WRITE SIOs (CLAW only).

Secondary segment: SMF050_RoCE_Port

Field Name	Type	Len	Description
<i>SMF050_RoCE_Port.<fieldname></i>			
zID	CHAR	8	RoCE connection name.
zXL	INT	1	Extension length (including this field).
zTYPE	INT (ENUM)	1	Attachment type. Port => RoCE port record (global statistics). This is the first record in the group. User => RoCE individual user record.
zVER	CHAR	2	CTCA version = X'F0F5'.
zUSERS	INT	4	Number of RoCE users.
zPOLLO	INT	4	Poll EQ overflow.
zPOLLC	INT	4	Poll EQ count.
zPOLLEO	INT	4	Poll EQ entries overflow.
zPOLLEC	INT	4	Poll EQ entries count.
zPCIIO	INT	4	PCI real interrupts overflow.
zPCIIC	INT	4	PCI real interrupts count.
zUPCIO	INT	4	Unproductive PCI overflow.
zUPCIC	INT	4	Unproductive PCI count.

Secondary segment: SMF050_RoCE_User

Field Name	Type	Len	Description
<i>SMF050_RoCE_User.<fieldname></i>			
zID	CHAR	8	RoCE connection name.
zXL	INT	1	Extension length (including this field).
zTYPE	INT (ENUM)	1	Attachment type. Port => RoCE port record (global statistics). This is the first record in the group. User => RoCE individual user record.
zVER	CHAR	2	CTCA version = X'F0F5'.
zULP	CHAR	8	ULP ID.
zODATARO	INT	4	Outbound data request overflow.
zODATARC	INT	4	Outbound data request count.
zORDMARO	INT	4	Outbound RDMA request overflow.
zORDMARC	INT	4	Outbound RDMA request count.
zORDMAOO	INT	4	Outbound RDMA operation overflow.

zORDMAOC	INT	4	Outbound RDMA operation count.
zQRDMARO	INT	4	Queued outbound RDMA request overflow.
zQRDMARC	INT	4	Queued outbound RDMA request count.
zOINLBO	INT	4	Outbound RoCE inline data bytes overflow.
zOINLBC	INT	4	Outbound RoCE inline data bytes count.
zOIMMBO	INT	4	Outbound RoCE immediate data bytes overflow.
zOIMMBC	INT	4	Outbound RoCE immediate data bytes count.
zORDMABO	INT	4	Outbound RDMA data bytes overflow.
zORDMABC	INT	4	Outbound RDMA data bytes count.
zIPOLLRO	INT	4	RoCE inbound poll request overflow.
zIPOLLRC	INT	4	RoCE inbound poll request count.
zIPOLLROO	INT	4	RoCE inbound poll request operation overflow.
zIPOLLROC	INT	4	RoCE inbound poll request operation count.
zUPOLLRO	INT	4	Unproductive RoCE inbound poll request overflow.
zUPOLLRC	INT	4	Unproductive RoCE inbound poll request count.
zISRBO	INT	4	Interrupt handler SRB dispatch overflow.
zISRBC	INT	4	Interrupt handler SRB dispatch count.
zASRBO	INT	4	Additional SRB dispatch overflow.
zASRBC	INT	4	Additional SRB dispatch count.
zIINLBO	INT	4	Inbound RoCE inline data bytes overflow.
zIINLBC	INT	4	Inbound RoCE inline data bytes count.
zIIMMBO	INT	4	Inbound RoCE immediate data bytes overflow.
zIIMMBC	INT	4	Inbound RoCE immediate data bytes count.
zIRDMABO	INT	4	Inbound RDMA data bytes overflow.
zIRDMABC	INT	4	Inbound RDMA data bytes count.

Record Type 52 - JES2 LOGON/Start Line SNA

SMF Record 52 (JES2 LOGON/Start Line SNA) is mapped by structure member "T052".

Primary Segment:

- [SMF052_JES_Start_Line_SNA](#)

Secondary Segment(s): 0

Primary segment: [SMF052_JES_Start_Line_SNA](#)

Field Name	Type	Len	Description
<i>SMF052_JES_Start_Line_SNA.<fieldname></i>			
<i>SMF052_JES_Start_Line_SNA.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF52FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF52RTY) Record type 52 (X'34').
zTME	TSTMP	8	(IBM name: SMF52TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF52SID) System identification (from the SID parameter).
zPOF	INT	2	(IBM name: SMF52POF) Offset to product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF52PRL) Length of product section.
zPRN	INT	2	(IBM name: SMF52PRN) Number of product section.
zIDO	INT	2	(IBM name: SMF52IDO) Offset to identification section from start of record, including record descriptor word (RDW).
zIDL	INT	2	(IBM name: SMF52IDL) Length of identification section.
zIDN	INT	2	(IBM name: SMF52IDN) Number of identification section. Product Section:
<i>SMF052_JES_Start_Line_SNA.Product.<fieldname></i>			
zSUB	INT (ENUM)	2	(IBM name: SMF52SUB) SubType ID.
zVER	CHAR	2	(IBM name: SMF52VER) Record version number.
zSYS	CHAR	4	(IBM name: SMF52SYS) Subsystem name, 'JES2' when JES2 creates the record, 'PPCC' when PSF creates the record.
<i>SMF052_JES_Start_Line_SNA.Identification.<fieldname></i>			
zRMT	CHAR	8	(IBM name: SMF52RMT) Remote name as defined in JESPARMS (only for SubType ID = 1).
zLIN	CHAR	8	(IBM name: SMF52LIN) Line name as defined in JESPARMS.
zPSW	CHAR	8	(IBM name: SMF52PSW) Line password as defined in JESPARMS.

Record Type 53 - JES2 LOGOFF/Stop Line SNA

SMF Record 53 (JES2 LOGOFF/Stop Line SNA) is mapped by structure member "T053".

Primary Segment:

- [SMF053_JES_Stop_Line_SNA](#)

Secondary Segment(s): 0

Primary segment: [SMF053_JES_Stop_Line_SNA](#)

Field Name	Type	Len	Description
<i>SMF053_JES_Stop_Line_SNA.<fieldname></i>			
<i>SMF053_JES_Stop_Line_SNA.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF53FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF53RTY) Record type 53 (X'35').
zTME	TSTMP	8	(IBM name: SMF53TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF53SID) System identification (from the SID parameter).
zPRD	INT	2	(IBM name: SMF53PRD) Offset to product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF53PRL) Length of product section.
zPRN	INT	2	(IBM name: SMF53PRN) Number of product section.
zIDO	INT	2	(IBM name: SMF53IDO) Offset to identification section from start of record, including record descriptor word (RDW).
zIDL	INT	2	(IBM name: SMF53IDL) Length of identification section.
zIDN	INT	2	(IBM name: SMF53IDN) Number of identification section. Product Section:

<i>SMF053_JES_Stop_Line_SNA.Product.<fieldname></i>			
zSUB	INT (ENUM)	2	(IBM name: SMF53SUB) SubType ID.
zVER	CHAR	2	(IBM name: SMF53VER) Record version number.
zSYS	CHAR	4	(IBM name: SMF53SYS) Subsystem name, 'JES2'. Identification Section:

<i>SMF053_JES_Stop_Line_SNA.Identification.<fieldname></i>			
zRMT	CHAR	8	(IBM name: SMF53RMT) Remote name as defined in JESPARMS.
zLIN	CHAR	8	(IBM name: SMF53LIN) Line name as defined in JESPARMS.
zPSW	CHAR	8	(IBM name: SMF53PSW) Line password as defined in JESPARMS.
zVtamReq	INT	4	(IBM name: SMF53CTR) Number of VTAM requests processed.

zException	INT	4	(IBM name: SMF53CTR+4) Number of exception responses.
zLUSTATs	INT	4	(IBM name: SMF53CTR+8) Number of LUSTATs received.
zBidRej	INT	4	(IBM name: SMF53CTR+12) Number of bid rejects.
zTempErr	INT	4	(IBM name: SMF53CTR+16) Number of temporary errors.
zADP	CHAR	3	(IBM name: SMF53ADP) Line identifier, 'SNA'.

Record Type 54 - JES2 Integrity SNA

SMF Record 54 (JES2 Integrity SNA) is mapped by structure member "T054".

Primary Segment:

- **SMF054_JES_Integrity_SNA**

Secondary Segment(s): 0

Primary segment: **SMF054_JES_Integrity_SNA**

Field Name	Type	Len	Description
<i>SMF054_JES_Integrity_SNA.<fieldname></i>			
<i>SMF054_JES_Integrity_SNA.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF54FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF54RTY) Record type 54 (X'36').
zTME	TSTMP	8	(IBM name: SMF54TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF54SID) System identification (from the SID parameter).
zPOF	INT	2	(IBM name: SMF54POF) Offset to product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF54PRL) Length of product section.
zPRN	INT	2	(IBM name: SMF54PRN) Number of product section.
zIDO	INT	2	(IBM name: SMF54IDO) Offset to identification section from start of record, including record descriptor word (RDW).
zIDL	INT	2	(IBM name: SMF54IDL) Length of identification section.
zIDN	INT	2	(IBM name: SMF54IDN) Number of identification section.

SMF054_JES_Integrity_SNA.Product.<fieldname>

zSUB	INT (ENUM)	2	(IBM name: SMF55SUB) SubType ID.
zVER	CHAR	2	(IBM name: SMF54VER) Record version number.
zSYS	CHAR	4	(IBM name: SMF54SYS) Subsystem name

SMF054_JES_Integrity_SNA.Identification.<fieldname>

zRMT	CHAR	8	(IBM name: SMF54RMT) Remote name as defined in JESPARMS.
zRPW	CHAR	8	(IBM name: SMF54RPW) Remote password as defined in JESPARMS.
zPSW	CHAR	8	(IBM name: SMF54PSW) Line password as defined in JESPARMS.

Record Type 55 - JES Network SIGNON

SMF Record 55 (JES2 Network SIGNON) is mapped by structure member "T055".

Primary Segment:

- **SMF055_JES_Network_SIGNON**

Secondary Segment(s): 0

Primary segment: **SMF055_JES_Network_SIGNON**

Field Name	Type	Len	Description
<i>SMF055_JES_Network_SIGNON.<fieldname></i>			
<i>SMF055_JES_Network_SIGNON.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF55FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF55RTY) Record type 55 (X'37').
zTME	TSTMP	8	(IBM name: SMF55TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF55SID) System identification (from the SID parameter).
zSBS	INT	2	(IBM name: SMF55SBS) Subsystem identification - X'0002' signifies JES2.
zSUB	INT	2	(IBM name: SMF55SUB) Record SubType.
zLRR	INT	2	(IBM name: SMF55LRR) Length of rest of record, not including this field.
zNNM	CHAR	8	(IBM name: SMF55NNM) Node name.
zMEM	INT	1	(IBM name: SMF55MEM) Member number.
<i>SMF055_JES_Network_SIGNON.Header_Self_defining_Section.zFG1.<fieldname></i>			
zSignOff	BIT	1	Response sign-on (off = initial sign-on)
zReset	BIT	1	Reset/concur sign-on
zSecure	BIT	1	Secure sign-on. (Line password and node password are not set with this protocol.)
<i>SMF055_JES_Network_SIGNON.Header_Self_defining_Section.<fieldname></i>			
zLPW	CHAR	8	(IBM name: SMF55LPW) Line password as defined in JESPARMS.
zNPW	CHAR	8	(IBM name: SMF55NPW) Node password as defined in JESPARMS.
zLNM	CHAR	8	(IBM name: SMF55LNM) Line name as defined in JESPARMS.

Record Type 56 - JES2 Network Integrity

SMF Record 56 (JES2 Network Integrity) is mapped by structure member "T056".

Primary Segment:

- [SMF056_JES_Network_Integrity](#)

Secondary Segment(s): 0

Primary segment: [SMF056_JES_Network_Integrity](#)

Field Name	Type	Len	Description
<i>SMF056_JES_Network_Integrity.<fieldname></i>			
<i>SMF056_JES_Network_Integrity.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF56FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF56RTY) Record type 56 (X'38').
zTME	TSTMP	8	(IBM name: SMF56TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF56SID) System identification (from the SID parameter).
zSBS	INT	2	(IBM name: SMF56SBS) Subsystem identification - X'0002' signifies JES2.
zSUB	INT	2	(IBM name: SMF56SUB) Record SubType.
zLRR	INT	2	(IBM name: SMF56LRR) Length of rest of record, not including this field.
zNNM	CHAR	8	(IBM name: SMF56NNM) Node name.
zMEM	INT	1	(IBM name: SMF56MEM) Member number.
<i>SMF056_JES_Network_Integrity.Header_Self_defining_Section.zFG1.<fieldname></i>			
zResponse	BIT	1	Response sign-on (off = initial sign-on)
zReset	BIT	1	Reset/concur sign-on
zSecure	BIT	1	Secure sign-on. (Line password and node password are not set with this protocol.)
<i>SMF056_JES_Network_Integrity.Header_Self_defining_Section.<fieldname></i>			
zLPW	CHAR	8	(IBM name: SMF56LPW) Line password.
zNPW	CHAR	8	(IBM name: SMF56NPW) Node password.
zLNM	CHAR	8	(IBM name: SMF56LNM) Line name.

Record Type 57 - JES2 Network SYSOUT Transmission

SMF Record 57 (JES2 Network SYSOUT Transmission) is mapped by structure member "T057".

Primary Segment:

- [SMF057_JES_Net_Trans](#)

Secondary Segment(s): 1

- [SMF057_ESS](#)

Primary segment: [SMF057_JES_Net_Trans](#)

Field Name	Type	Len	Description
<i>SMF057_JES_Net_Trans.<fieldname></i>			
SMF057_JES_Net_Trans.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF57FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators (See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.) 7 RESERVED.
zRTY	INT	1	(IBM name: SMF57RTY) Record type 57 (X'39').
zTME	TSTMP	8	(IBM name: SMF57TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF57SID) System identifier (from the SID parameter).
zSBS	INT	2	(IBM name: SMF57SBS) Subsystem identifier - X'0002' signifies JES2.
zSUB	INT	2	(IBM name: SMF57SUB) Record SubType.
zLRR	INT	2	(IBM name: SMF57LRR) Length of rest of record, not including this field.
zJID	CHAR	8	(IBM name: SMF57JID) Original job identification.
zCJD	CHAR	8	(IBM name: SMF57CJD) Current job identification.
zONN	CHAR	8	(IBM name: SMF57ONN) Original node name.
zENN	CHAR	8	(IBM name: SMF57ENN) Processing node name.
zNNN	CHAR	8	(IBM name: SMF57NNN) Next node name.
zDVN	CHAR	8	(IBM name: SMF57DVN) SYSOUT transmitter device name.
zTSS	INT	4	(IBM name: SMF57TSS) SYSOUT transmitter start time.
zDSS	DEC	4 (7,0)	(IBM name: SMF57DSS) SYSOUT transmitter start date.
zTPS	INT	4	(IBM name: SMF57TPS) SYSOUT transmitter stop time.
zDPS	DEC	4 (7,0)	(IBM name: SMF57DPS) SYSOUT transmitter stop date.
zACN	CHAR	8	(IBM name: SMF57ACN) Network account number.
zTSI	CHAR	4	(IBM name: SMF57TSI) SYSOUT transmitter system identification.

zCNT	INT	4	(IBM name: SMF57CNT) Count of logical TP records.
zNTR	INT	2	(IBM name: SMF57NTR) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record.
zOSW	INT	4	(IBM name: SMF57OSW) Offset to Enhanced SYSOUT Support (ESS) section.
zLSW	INT	4	(IBM name: SMF57LSW) Length of Enhanced SYSOUT Support (ESS) section.
zNSW	INT	4	(IBM name: SMF57NSW) Number of Enhanced SYSOUT Support (ESS) sections.

Secondary segment: SMF057_ESS

Field Name	Type	Len	Description
<i>SMF057_ESS.<fieldname></i>			
zLN5	INT	2	(IBM name: SMF57LN5) Length of ESS section (including this field).
zSGT	INT	4	(IBM name: SMF57SGT) Segment identifier.

<i>SMF057_ESS.zIND.<fieldname></i>			
zSjfErr	BIT	1	Error obtaining scheduler JCL facility (SJF) information. Scheduler work block text unit (SWBTU) data area is not present.

<i>SMF057_ESS.<fieldname></i>			
zJDT	CHAR	8	(IBM name: SMF57JDT) JCL definition table (JDT) name in JCL definition vector table (JDTV).
zTUL	INT	2	(IBM name: SMF57TUL) Text unit (SWBTU) data area length.
zTU	XVCHAR	0 1000	(IBM name: SMF57TU) Text unit (SWBTU) data area. The data area can be processed using the SWBTUREQ macro.

Record Type 58 - JES2 Network SIGNOFF

SMF Record 58 (JES2 Network SIGNOFF) is mapped by structure member "T058".

Primary Segment:

- **SMF058_JES_Network_SIGNOFF**

Secondary Segment(s): 0

Primary segment: **SMF058_JES_Network_SIGNOFF**

Field Name	Type	Len	Description
<i>SMF058_JES_Network_SIGNOFF.<fieldname></i>			
<i>SMF058_JES_Network_SIGNOFF.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF58FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF58RTY) Record type 58 (X'3A').
zTME	TSTMP	8	(IBM name: SMF58TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF58SID) System identification (from the SID parameter).
zSBS	INT	2	(IBM name: SMF58SBS) Subsystem identification - X'0002' signifies JES2.
zSUB	INT	2	(IBM name: SMF58SUB) Record SubType.
zLRR	INT	2	(IBM name: SMF58LRR) Length of rest of record, not including this field.
zNNM	CHAR	8	(IBM name: SMF58NNM) Node name.
zMEM	INT	1	(IBM name: SMF58MEM) Member number.
zRVI	CHAR	1	(IBM name: SMF58RVI) Reserved.
zLNM	CHAR	8	(IBM name: SMF58LNM) Line name.

Record Type 59 - MVS/BDT File-to-File Transmission

SMF Record 59 (MVS/BDT File-to-File Transmission) is mapped by structure member "T059".

Primary Segment:

- [SMF059_BDT_File_Trans](#)

Secondary Segment(s): 7 (in alphabetical order)

- [SMF059_Account](#)
- [SMF059_Product](#)
- [SMF059_Trans_Data](#)
- [SMF059_Trans_Id](#)
- [SMF059_Transmission](#)
- [SMF059_Type_FTF](#)
- [SMF059_Type_NJE](#)

Primary segment: [SMF059_BDT_File_Trans](#)

Field Name	Type	Len	Description
<i>SMF059_BDT_File_Trans.<fieldname></i>			
<i>SMF059_BDT_File_Trans.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF59FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF59RTY) Record type 59 (X'3B').
zTME	TSTMP	8	(IBM name: SMF59TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF59SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF59SSI) Subsystem identification ('BDT').
zVER	CHAR	2	(IBM name: SMF59VER) Version number.
zOPD	INT	4	(IBM name: SMF59OPD) Offset to MVS/BDT product section.
zLPD	INT	2	(IBM name: SMF59LPD) Length of MVS/BDT product section.
zNPD	INT	2	(IBM name: SMF59NPD) Number of MVS/BDT product sections.
zOTI	INT	4	(IBM name: SMF59OTI) Offset to transaction identifier section.
zLTI	INT	2	(IBM name: SMF59LTI) Length of transaction identifier section.
zNTI	INT	2	(IBM name: SMF59NTI) Number of transaction identifier sections.
zOTT	INT	4	(IBM name: SMF59OTT) Offset to transaction type section.
zLTT	INT	2	(IBM name: SMF59LTT) Length of transaction type section.
zNTT	INT	2	(IBM name: SMF59NTT) Number of transaction type sections.
zOTD	INT	4	(IBM name: SMF59OTD) Offset to transaction data section.
zLTD	INT	2	(IBM name: SMF59LTD) Length of transaction data section.

zNTD	INT	2	(IBM name: SMF59NTD) Number of transaction data sections.
zOTS	INT	4	(IBM name: SMF59OTS) Offset to transmission section.
zLTS	INT	2	(IBM name: SMF59LTS) Length of transmission section.
zNTS	INT	2	(IBM name: SMF59NTS) Number of transmission sections.
zOTA	INT	4	(IBM name: SMF59OTA) Offset to transaction accounting section (an optional section).
zLTA	INT	2	(IBM name: SMF59LTA) Length of transaction accounting section (if present).
zNTA	INT	2	(IBM name: SMF59NTA) Number of transaction accounting sections (if any).

Secondary segment: SMF059_Product

Field Name	Type	Len	Description
<i>SMF059_Product.<fieldname></i>			
zRCD	CHAR	2	(IBM name: SMF59RCD) MVS/BDT version number.
zBDT	CHAR	8	(IBM name: SMF59BDT) Product name 'MVS-BDT'.
zSSN	CHAR	8	(IBM name: SMF59SSN) MVS/BDT node name.
zTID	CHAR	2	(IBM name: SMF59TID) Transaction type identifier - 'FF' for FTF, 'NJ' for NJE.

Secondary segment: SMF059_Trans_Id

Field Name	Type	Len	Description
<i>SMF059_Trans_Id.<fieldname></i>			
zTNU	CHAR	4	(IBM name: SMF59TNU) MVS/BDT job number.
zT11	CHAR	8	(IBM name: SMF59T11) Reserved.
zT12	CHAR	8	(IBM name: SMF59T12) Reserved.
zTQS	CHAR	8	(IBM name: SMF59TQS) MVS/BDT transaction queuing node.
zT13	CHAR	8	(IBM name: SMF59T13) Reserved.
zTSP	CHAR	8	(IBM name: SMF59TSP) Transaction source processor name.
zTSS	CHAR	8	(IBM name: SMF59TSS) MVS/BDT transaction source node.
zTUT	CHAR	2	(IBM name: SMF59TUT) Transaction source user ID type: J3 JES3 (for NJE) T TSO/E user J JES console B Batch job M MCS console.
zT15	CHAR	2	(IBM name: SMF59T15) Reserved.

zTSU	CHAR	8	(IBM name: SMF59TSU) Transaction source user ID: NJE Blank TSO/E Userid JES Console DD name Batch Job name MCS Console identified.
------	------	---	---

Secondary segment: **SMF059_Type_FTF**

Field Name	Type	Len	Description
<i>SMF059_Type_FTF.<fieldname></i>			
zONN	CHAR	8	(IBM name: SMF59ONN) MVS/BDT origin node name.
zOFN	CHAR	44	(IBM name: SMF59OFN) Origin file name if specified in transaction.
zOMN	CHAR	8	(IBM name: SMF59OMN) PDS member name of origin file if specified in SEQ transaction.
zOVI	CHAR	6	(IBM name: SMF59OVI) First volume serial number for origin file if specified in transaction.
zOFG	CHAR	1	(IBM name: SMF59OFG) Origin file flag: 'D' - DUMMY specified.
zTTI	CHAR	3	(IBM name: SMF59TTI) Reserved.
zDNN	CHAR	8	(IBM name: SMF59DNN) MVS/BDT destination node name. 78 48 SMF59DFN 44 EBCDIC Destination file name if specified in transaction.
zDMN	CHAR	8	(IBM name: SMF59DMN) PDS member name of destination file is specified in SEQ transaction.
zDVI	CHAR	6	(IBM name: SMF59DVI) First volume serial number for destination file is specified in transaction.
zDFG	CHAR	1	(IBM name: SMF59DFG) Destination file flag: 'D' - DUMMY specified, 'I' - INTRDR specified.
zTT2	CHAR	3	(IBM name: SMF59TT2) Reserved.

Secondary segment: **SMF059_Type_NJE**

Field Name	Type	Len	Description
<i>SMF059_Type_NJE.<fieldname></i>			
zNJT	CHAR	2	(IBM name: SMF59NJT) Job type JB data is a job stream OP data is a complete SYSOUT.
zNUM	INT	2	(IBM name: SMF59NUM) Original job number (NJHGJID).
zNR1	INT	2	(IBM name: SMF59NR1) Reserved.
zNAN	CHAR	8	(IBM name: SMF59NAN) Network account number.
zNAM	CHAR	8	(IBM name: SMF59NAM) Original job name (NJHGJNAM).
zJID	CHAR	8	(IBM name: SMF59JID) JES3 job ID.
zNUI	CHAR	8	(IBM name: SMF59NUI) Notify user ID (NJHGUSID).
zNDT	TSTMP	8	

			(IBM name: SMF59NDT) Job entry date/time stamp on origin node (NJHGETS).
zXQN	CHAR	8	(IBM name: SMF59XQN) Processing node name (NJHGEXQN).
zXQU	CHAR	8	(IBM name: SMF59XQU) Processing user ID (NJHGUSID).
zNPN	CHAR	20	(IBM name: SMF59NPN) Programmer's name (NJHGPRGN).
zNPR	CHAR	8	(IBM name: SMF59NPR) Programmer's room number (NJHGDEPT).
zNP#	CHAR	8	(IBM name: SMF59NP#) Programmer's department number (NJHGDEPT).
zNPB	CHAR	8	(IBM name: SMF59NPB) Programmer's building number (NJHFBLDG).
zNR2	CHAR	8	(IBM name: SMF59NR2) Reserved.
zNR3	CHAR	8	(IBM name: SMF59NR3) Reserved.
zNR4	CHAR	8	(IBM name: SMF59NR4) Reserved.
zNR5	CHAR	10	(IBM name: SMF59NR5) Reserved.

Secondary segment: SMF059_Trans_Data

Field Name	Type	Len	Description
<i>SMF059_Trans_Data.<fieldname></i>			
zTTQ	TSTMP	8	(IBM name: SMF59TTQ) Date/Time that the transaction was queued (GMT).
zTTC	TSTMP	8	(IBM name: SMF59TTC) Date/Time that the transaction was completed (GMT).
zBJN	CHAR	8	(IBM name: SMF59BJN) MVS/BDT job name.
zPNM	CHAR	20	(IBM name: SMF59PNM) Programmer name.
zTPR	CHAR	2	(IBM name: SMF59TPR) Transaction priority.
zTCM	CHAR	2	(IBM name: SMF59TCM) Transaction completion code '00' normal '04' operator cancelled '08' abnormal.
zBTC	CHAR	8	(IBM name: SMF59BTC) MVS/BDT transaction code X'51' - NJE transaction Q - self-defining transaction GMJD member name.
zTD1	CHAR	4	(IBM name: SMF59TD1) Reserved.
zBCT	HEX	8	(IBM name: SMF59BCT) Number of bytes transferred.
zUS1	CHAR	40	(IBM name: SMF59US1) User area (initialized with blanks).

Secondary segment: SMF059_Transmission

Field Name	Type	Len	Description
<i>SMF059_Transmission.<fieldname></i>			
zX01	CHAR	8	(IBM name: SMF59X01) Reserved.
zX02	CHAR	8	(IBM name: SMF59X02) Reserved.
zSNN	CHAR	8	(IBM name: SMF59SNN) MVS/BDT sender node.
zX03	CHAR	8	(IBM name: SMF59X03) Reserved.
zX04	CHAR	8	(IBM name: SMF59X04) Reserved.
zX05	CHAR	8	(IBM name: SMF59X05) Reserved.
zRCN	CHAR	8	(IBM name: SMF59RCN) MVS/BDT receiver node.
zX06	CHAR	8	(IBM name: SMF59X06) Reserved.
zXST	TSTMP	8	(IBM name: SMF59XST) Date/Time that the transmission started (GMT).
zXPT	TSTMP	8	(IBM name: SMF59XPT) Date/Time that the transmission stopped (GMT).
zX08	CHAR	8	(IBM name: SMF59X08) Reserved.
zX09	CHAR	4	(IBM name: SMF59X09) Reserved.
zXOC	CHAR	5	(IBM name: SMF59XOC) Transmission origin completion code.
zXDC	CHAR	5	(IBM name: SMF59XDC) Transmission destination completion code.
zX10	CHAR	2	(IBM name: SMF59X10) Reserved.
zUS2	CHAR	40	(IBM name: SMF59US2) User area (initialized with blanks).

Secondary segment: SMF059_Account

Field Name	Type	Len	Description
<i>SMF059_Account.<fieldname></i>			
zACT	XVCHAR	0 8192	(IBM name: SMF59ACT) User accounting data from ACCT parameter.

Record Type 60 - VSAM Volume Dataset Updated

SMF Record 60 (VSAM Volume Dataset Updated) is mapped by structure member "T060".

Primary Segment:

- [SMF060_VSAM_Volume_Dataset_Updated](#)

Secondary Segment(s): 0

Primary segment: [SMF060_VSAM_Volume_Dataset_Updated](#)

Field Name	Type	Len	Description
<i>SMF060_VSAM_Volume_Dataset_Updated.<fieldname></i>			
<i>SMF060_VSAM_Volume_Dataset_Updated.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF60SYS) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF60RTY) Record type 60 (X'3C').
zTME	TSTMP	8	(IBM name: SMF60TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF60CPU) System identification (from the SID parameter).
zSBS	CHAR	4	(IBM name: SMF60SBS) Reserved.
zSUB	CHAR	2	(IBM name: SMF60SUB) Indicates that the VVR is updated, deleted, or inserted in the VVDS: Contents Meaning UP Updated DE Deleted IN Inserted
zPOF	INT	4	(IBM name: SMF60POF) Offset of product section from start of record, including the record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF60PLN) Length of product section.
zPNO	INT	2	(IBM name: SMF60PNO) Number of product sections.
zDOF	INT	4	(IBM name: SMF60DOF) Offset of data section from start of record, including the record descriptor word (RDW).
zDLN	INT	2	(IBM name: SMF60DLN) Length of data section.
zDNO	INT	2	(IBM name: SMF60DNO) Number of data sections. Product and data section:
<i>SMF060_VSAM_Volume_Dataset_Updated.Product_and_Data_Section.<fieldname></i>			
zVER	CHAR	2	(IBM name: SMF60VER) Version of the type 60 RECORDS.
zVB2	INT	1	(IBM name: N/A) Version of the type 60 RECORDS as a binary integer (for internal use).
zPNM	CHAR	8	(IBM name: SMF60PNM) Catalog management product identifier.
zJOBNAME	CHAR	8	(IBM name: SMF60JNM) Job name. The job log identification consists of the job name, time, and date that the reader recognized the JOB card (for this job).

zRST	TSTMP	8	(IBM name: SMF60RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF60UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zFNC	CHAR	1	(IBM name: SMF60FNC) Reserved.
zCNM	CHAR	44	(IBM name: SMF60CNM) Name of VSAM volume data set (VVDS) in which entry is made.

SMF060_VSAM_Volume_Dataset_Updated.Product_and_Data_Section.zTYP.<fieldname>

zTYP1	CHAR	1	(IBM name: N/A) Entry type identifier in char format.
zTYP2	HEX	1	(IBM name: N/A) Entry type identifier in hex format.
zTYP3	INT (ENUM)	1	Entry type identifier interpreted.

SMF060_VSAM_Volume_Dataset_Updated.Product_and_Data_Section.<fieldname>

zENM	CHAR	44	(IBM name: SMF60ENM) Entry name.
zNNM	CHAR	44	(IBM name: SMF60NNM) Reserved.
zCRL	INT	2	(IBM name: N/A) Length of VVR or NVR
zCRC	XVCHAR	0 1000	(IBM name: SMF60CRC) VVR or NVR (the length of the VVR or NVR is contained in zCRL).

SMF060_VSAM_Volume_Dataset_Updated.Product_and_Data_Section.zRT.<fieldname>

zReqTime	FIXED	8 (20,6)	(IBM name: N/A) If SMFVER=2, an 8-byte field is at the end of this record which contains the number of seconds needed to complete the VVDS request (ADD, DELETE, or INSERT). This field exists only for an SMF type 60 RECORD.
----------	-------	-------------	---

Record Type 61 - Integrated Catalog Facility Define Activity

SMF Record 61 (Integrated Catalog Facility Define Activity) is mapped by structure member "T061".

Primary Segment:

- [SMF061_Integrated_Catalog_Facility_Define_Activity](#)

Secondary Segment(s): 0

Primary segment: [SMF061_Integrated_Catalog_Facility_Define_Activity](#)

Field Name	Type	Len	Description
<i>SMF061_Integrated_Catalog_Facility_Define_Activity.<fieldname></i>			
<i>SMF061_Integrated_Catalog_Facility_Define_Activity.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF61SYS) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF61RTY) Record type 61 (X'3D').
zTME	TSTMP	8	(IBM name: SMF61TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF61CPU) System identification (from the SID parameter).
zSBS	CHAR	4	(IBM name: SMF61SBS) Reserved.
zSUB	CHAR	2	(IBM name: SMF61SUB) The action taken on the catalog entry. valid values are: IN (INSERT) DE (DELETE) UP (UPDATE)
zPOF	INT	4	(IBM name: SMF61POF) Offset of product section from start of record, including record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF61PLN) Length of product section.
zPNO	INT	2	(IBM name: SMF61PNO) Number of product sections.
zDOF	INT	4	(IBM name: SMF61DOF) Offset of data section from start of record, including record descriptor word (RDW).
zDLN	INT	2	(IBM name: SMF61DLN) Length of data section.
zDNO	INT	2	(IBM name: SMF61DNO) Number of data sections. Product and Data Section:
<i>SMF061_Integrated_Catalog_Facility_Define_Activity.Product_and_Data_Section.<fieldname></i>			
zVER	CHAR	2	(IBM name: SMF61VER) Version of the type 61 RECORDS.
zPNM	CHAR	8	(IBM name: SMF61PNM) Catalog management product identifier.
zJOBNAME	CHAR	8	(IBM name: SMF61JNM) Job name. The job log identification consists of the job name, time, and date that the reader recognized for the JOB card (for this job). If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros.
zRST	TSTMP	8	

			(IBM name: SMF61RST) Date/Time the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF61UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zFNC	CHAR	1	(IBM name: SMF61FNC) Reserved.
zCNM	CHAR	44	(IBM name: SMF61CNM) Name of catalog in which entry is defined.

SMF061_Integrated_Catalog_Facility_Define_Activity.Product_and_Data_Section.zTYP.<fieldname>			
zTYP1	CHAR	1	(IBM name: N/A) Entry type identifier in char format.
zTYP2	HEX	1	(IBM name: N/A) Entry type identifier in hex format.
zTYP3	INT (ENUM)	1	Entry type identifier interpreted.

SMF061_Integrated_Catalog_Facility_Define_Activity.Product_and_Data_Section.<fieldname>			
zENM	CHAR	44	(IBM name: SMF61ENM) Entry name.
zNNM	CHAR	44	(IBM name: SMF61NNM) Reserved.
zCRC	VCHAR	2 1002	(IBM name: SMF61CRC) New catalog record for defined entry (the length of this record is contained in the first two bytes of this field).

Record Type 62 - VSAM Component or Cluster Opened

SMF Record 62 (VSAM Component or Cluster Opened) is mapped by structure member "T062".

Primary Segment:

- [SMF062_VSAM_Component_or_Cluster_Opened](#)

Secondary Segment(s): 0

Primary segment: [SMF062_VSAM_Component_or_Cluster_Opened](#)

Field Name	Type	Len	Description
<i>SMF062_VSAM_Component_or_Cluster_Opened.<fieldname></i>			
<i>SMF062_VSAM_Component_or_Cluster_Opened.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF62FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF62RTY) Record type 62 (X'3E').
zTME	TSTMP	8	(IBM name: SMF62TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF62SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF62JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF62RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF62UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).

<i>SMF062_VSAM_Component_or_Cluster_Opened.Header_Self_Defining_Section.zIND.<fieldname></i>			
zOpened	BIT	1	Component or cluster was successfully opened
zSecurity	BIT	1	Security violation, that is, incorrect password
zCRA	BIT	1	Record is a catalog or catalog recovery area (CRA) record
zCatOpenedAsDataset	BIT	1	Record is for a VSAM volume data set (VVDS) or ICF catalog being opened or closed as a data set. If this bit is set, the catalog name field and the cluster name field may be set to zeroes.
zSMSInfo	BIT	1	SMS class information is included in the record
zEncrypted	BIT	1	Dataset is encrypted

<i>SMF062_VSAM_Component_or_Cluster_Opened.Header_Self_Defining_Section.<fieldname></i>			
zCNM	CHAR	44	(IBM name: SMF62CNM) Name of the catalog in which the component or cluster is defined.
zCVS	CHAR	6	(IBM name: SMF62CVS) Volume serial number of the volume containing the catalog.
zDNM	CHAR	44	(IBM name: SMF62DNM) Name of the component or cluster being opened.
zVCT	INT	2	(IBM name: SMF62VCT) Number of online volumes containing the component or cluster. (This field is also the number of ten-byte fields that list the volumes.) For each online

			volume, there is a ten-byte entry with the following format:
--	--	--	--

SMF062_VSAM_Component_or_Cluster_Opened.VolumelInfo.<fieldname>

zVSR	CHAR	6	(IBM name: SMF62VSR) Volume serial number of the volume containing the component or cluster.
zDTY	HEX	4	(IBM name: SMF62DTY) Unit type of the volume containing the component or cluster. After the volume entries, three fields define SMS class information:

SMF062_VSAM_Component_or_Cluster_Opened.SMS.<fieldname>

zMGT	CHAR	8	(IBM name: SMF62MGT) SMS management class.
zSTR	CHAR	8	(IBM name: SMF62STR) SMS storage class.
zDAT	CHAR	8	(IBM name: SMF62DAT) SMS data class. The following two fields define encryption information:

SMF062_VSAM_Component_or_Cluster_Opened.Encryption.<fieldname>

zDET	INT	2	(IBM name: SMF62DET) Encryption type
zDKL	CHAR	64	(IBM name: SMF62DKL) Data set key label

SMF062_VSAM_Component_or_Cluster_Opened.Statistics.<fieldname>

zTIM	TSTMP	8	(IBM name: SMF62TIM) Time data set was opened .
------	-------	---	--

SMF062_VSAM_Component_or_Cluster_Opened.Statistics.zMC1.<fieldname>

zByKey	BIT	1	Record is identified by a key
zByRBA	BIT	1	Record is identified by a relative byte address (RBA)
zCI	BIT	1	Control-Interval processing
zSeq	BIT	1	Sequential processing
zDirect	BIT	1	Direct processing
zInput	BIT	1	Input processing
zOutput	BIT	1	Output processing
zUserBufSp	BIT	1	User-supplied buffer space

SMF062_VSAM_Component_or_Cluster_Opened.Statistics.zMC2.<fieldname>

zJESOut	BIT	1	Defined only when output and JES format. The system is to ensure that the logical record length will be the same when the data is read. This bit is not defined for input.
zCC	BIT	1	Control character type
zBackupWhileOpen	BIT	1	Eligible for backup-while-open
zSkipSeq	BIT	1	Skip sequential processing
zVTAMLogon	BIT	1	VTAM LOGON indicator
zSetEmpty	BIT	1	Set data set to empty state
zSharedCB	BIT	1	Shared control blocks
zAIXofPath	BIT	1	Alternate index of the path

SMF062_VSAM_Component_or_Cluster_Opened.Statistics.zMC3.<fieldname>

zNoLSR	BIT	1	No LSR exclusive control
zLSR	BIT	1	Local shared resources

zGSR	BIT	1	Global shared resources
zImprovedCIProc	BIT	1	Improved control-interval processing
zDeferredWrite	BIT	1	Deferred write
zSeqInsert	BIT	1	Sequential insert strategy
zCBsInRealStg	BIT	1	Control blocks are fixed in real storage
zVSAM31IoBuf	BIT	1	VSAM 31-bit addressing mode I/O buffers

SMF062_VSAM_Component_or_Cluster_Opened.Statistics.zMC4.<fieldname>

zRLS	BIT	1	RLS Processing
zSNP	BIT	1	SNP Option

SMF062_VSAM_Component_or_Cluster_Opened.Statistics.<fieldname>

zDET	INT	2	(IBM name: SMF62DET) Encryption type
zDKL	CHAR	64	(IBM name: SMF62DKL) Data set key label
zJobID	CHAR	8	(IBM name: N/A) Job ID.
zSysplexName	CHAR	8	(IBM name: N/A) Sysplex Name.

Record Type 63 - VSAM Catalog Entry Defined

SMF Record 63 (VSAM Catalog Entry Defined) is mapped by structure member "T063".

Primary Segment:

- [SMF063_VSAM_Catalog_Entry_Defined](#)

Secondary Segment(s): 0

Primary segment: [SMF063_VSAM_Catalog_Entry_Defined](#)

Field Name	Type	Len	Description
<i>SMF063_VSAM_Catalog_Entry_Defined.<fieldname></i>			
<i>SMF063_VSAM_Catalog_Entry_Defined.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF63FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF63RTY) Record type 63 (X'3F').
zTME	TSTMP	8	(IBM name: SMF63TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	2	(IBM name: SMF63SID) System identification (from the SID parameter).
zSMI	CHAR	2	(IBM name: SMF63SMI) System model identifier.
zJOBNAME	CHAR	8	(IBM name: SMF63JBN) Job name. If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF63RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF63UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zFDT	INT	1	Record creator/entry type indicator
zTYP	INT	1	(IBM name: SMF63TYP) Entry type indicator Bit Meaning when set 0 VSAM cluster 1 VSAM data component 2 VSAM index component 3 VSAM catalog 4 NON-VSAM data set 5 GENERATION data group 6 ALIAS 7 RESERVED.
zNSZ	INT	2	(IBM name: SMF63NSZ) Size of new catalog record. Include the contents of this field when estimating the additional storage required by SMF. A VSAM catalog record is contained in one or more physical catalog records. This field with offset 46 ARE the sums of the sizes of the physical catalog records that constitute the total logical VSAM catalog record.
zOSZ	INT	2	(IBM name: SMF63OSZ) Size of old catalog record. This field contains the size of the old records before they were altered. Include the contents of this field when estimating the additional storage required by SMF.
zCNM	CHAR	44	(IBM name: SMF63CNM) Name of catalog in which the entry is defined.
zENM	CHAR	44	(IBM name: SMF63ENM) Entry name.
zNCR	VCHAR		

		2 1002	(IBM name: SMF63NCR) New catalog record followed by old catalog record. For the new catalog record, the complete new entry is recorded. For the old catalog record, this field contains only those old records that were altered. it shows what these records were before they were altered.
--	--	-----------	---

Record Type 64 - VSAM Component or Cluster Status

SMF Record 64 (VSAM Component or Cluster Status) is mapped by structure member "T064".

Primary Segment:

- [SMF064_VSAM_Component_or_Cluster_Status](#)

Secondary Segment(s): 0

Primary segment: [SMF064_VSAM_Component_or_Cluster_Status](#)

Field Name	Type	Len	Description
<i>SMF064_VSAM_Component_or_Cluster_Status.<fieldname></i>			
<i>SMF064_VSAM_Component_or_Cluster_Status.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF64FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators. 7 Reserved.
zRTY	INT	1	(IBM name: SMF64RTY) Record type 64 (X'40').
zTME	TSTMP	8	(IBM name: SMF64TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF64SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF64JBN) Job name. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output). Consists of the job name, time, and date that the reader recognized the JOB card (for this job).
zRST	TSTMP	8	(IBM name: SMF64RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF64UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).

<i>SMF064_VSAM_Component_or_Cluster_Status.Header_Self_Defining_Section.zRIN.<fieldname></i>			
zClosed	BIT	1	Component closed.
zVolSwch	BIT	1	Volume switched
zNoSpace	BIT	1	No space available.
zCatOrCRA	BIT	1	Record is a catalog or CRA record.
zClosed_T	BIT	1	Component closed, TYPE=T.
zAbend	BIT	1	Record written during ABEND processing.
zCatOpenedAsDataset	BIT	1	Record is for a VVDS or ICF catalog being opened or closed as a data set. If this bit is set, the catalog name field and the cluster name field can be set to zeros.

<i>SMF064_VSAM_Component_or_Cluster_Status.Header_Self_Defining_Section.zDTY.<fieldname></i>			
zDataset	BIT	1	Dataset.
zIX	BIT	1	Index
zExtFmt	BIT	1	Extended format.
zCompressed	BIT	1	Compressed
zRLS1	BIT	1	RLS is in effect.

zRLS2	BIT	1	RLS is in effect, measurement management facility disabled.
zExtAdd	BIT	1	Extended addressable data set.
zSecSpRedc	BIT	1	Secondary space reduction.

SMF064_VSAM_Component_or_Cluster_Status.Header_Self_Defining_Section.<fieldname>

zCNM	CHAR	44	(IBM name: SMF64CNM) Name of the catalog in which the component is defined.
zDNM	CHAR	44	(IBM name: SMF64DNM) Name of the component or cluster being processed. For a CRA record, this field does not contain meaningful information. For a catalog record, this field contains the catalog or cluster name.
zNTR	INT	2	(IBM name: SMF64NTR) Number of secondary tracks that were requested but could not be allocated.
zCHR	HEX	4	(IBM name: SMF64CHR) Highest used relative byte address (RBA) of the component. See also SMF64CHC.
zCHC	HEX	4	(IBM name: SMF64CHC) Highest used control interval (CI) of the component. CI is used in place of RBA for an extended format data set capable of extended addressability.
zESL	INT	2	(IBM name: SMF64ESL) Length of extent entry portion of record, excluding this field. (See note 1)

SMF064_VSAM_Component_or_Cluster_Status.Extent_Information_Section.<fieldname>

zFCC	HEX	4	(IBM name: SMF64FCC) Beginning cylinder and track, in the form CCHH where CC is the cylinder number and HH is the track number.
zTCC	HEX	4	(IBM name: SMF64TCC) Ending cylinder and track, in the form CCHH where CC is the cylinder number and HH is the track number.
zVSN	CHAR	6	(IBM name: SMF64VSN) Volume serial number of the volume containing the extent.
zCUU	HEX	2	(IBM name: SMF64CUU) Device number.
zIND	CHAR	2	(IBM name: SMF64IND) Spindle identification.
zUTY	HEX	4	(IBM name: SMF64UTY) Unit type.
zRV1	CHAR	4	(IBM name: SMF64RV1) Reserved.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.<fieldname>

zSLN	INT	4	(IBM name: SMF64SLN) Length of the statistics section, including this field.
zNIL	INT	4	(IBM name: SMF64NIL) Number of levels in the index.
zNEX	INT	4	(IBM name: SMF64NEX) Number of extents.
zNLR	INT	4	(IBM name: SMF64NLR) Number of logical records in the component.
zNDE	INT	4	(IBM name: SMF64NDE) Number of records that were deleted from the component.
zNIN	INT	4	(IBM name: SMF64NIN) Number of records that were inserted into the component.
zNUP	INT	4	(IBM name: SMF64NUP) Number of records that were updated in the component.
zNRE	INT	4	

			(IBM name: SMF64NRE) Number of records that were retrieved from the component.
zNFS	INT	4	(IBM name: SMF64NFS) Number of unused control intervals in the component. This value is multiplied by the control interval size when the component is not an extended addressable data set.
zNCS	INT	4	(IBM name: SMF64NCS) Number of control intervals that were split in the component.
zNAS	INT	4	(IBM name: SMF64NAS) Number of control areas that were split in the component.
zNEP	INT	4	(IBM name: SMF64NEP) Number of execute channel programs (EXCPs). When MACRF=RLS, this field contains the number of buffer manager requests. Change in Statistics from OPEN to time of EOVS and CLOSE: Note: The statistics might contain accumulated count among all concurrent users if the file is being opened by multiple ACBs or multiple JOBS.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Change_From_OPEN_to_EOVS_and_CLOSE

zDIL	INT	4	(IBM name: SMF64DIL) Change in number of levels in the index.
zDEX	INT	4	(IBM name: SMF64DEX) Change in number of extents.
zDLR	INT	4	(IBM name: SMF64DLR) Change in number of logical records in the component. This field may be negative.
zDDE	INT	4	(IBM name: SMF64DDE) Change in number of records that were deleted from the component. When MACRF=RLS, this field contains the total number of deletes performed by this access-method control block.
zDIN	INT	4	(IBM name: SMF64DIN) Change in number of records that were inserted into the component. When MACRF=RLS, this field contains the total number of inserts performed by this access-method control block.
zDUP	INT	4	(IBM name: SMF64DUP) Change in number of records that were updated in the component. When MACRF=RLS, this field contains the total number of updates performed by this access-method control block.
zDRE	INT	4	(IBM name: SMF64DRE) Change in number of records that were retrieved from the component. When MACRF=RLS, this field contains the total number of retrieves performed by this access-method control block.
zDFS	INT	4	(IBM name: SMF64DFS) Change in number of unused control intervals in the component. This value is multiplied by the control interval size when the component is not an extended addressable data set. This value may be negative.
zDCS	INT	4	(IBM name: SMF64DCS) Change in number of control intervals that were split in the component. When MACRF=RLS, this field contains the total number of CI splits performed for this access-method control block.
zDAS	INT	4	(IBM name: SMF64DAS) Change in number of control areas that were split in the component. When MACRF=RLS, this field contains the total number of CA splits performed for this access-method control block.
zDEP	INT	4	(IBM name: SMF64DEP) Change in number of execute channel programs (EXCPs) for the data set. When MACRF=RLS, this field contains the total number of buffer manager calls performed for this access-method control block. Data Set Characteristics Section:

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.<fieldname>

zDBS	INT	4	(IBM name: SMF64DBS) Physical block size.
zDCI	INT	4	

			(IBM name: SMF64DCI) Control interval size.
zDLS	INT	4	(IBM name: SMF64DLS) Maximum logical record size.
zDKL	INT	2	(IBM name: SMF64DKL) Key length.
zDDN	CHAR	8	(IBM name: SMF64DDN) DD name. When the record is written for a VSAM catalog or catalog recovery area, this field may contain zeros. When the record is written for a volume switch or no space available condition, and the volume is associated with a concatenated TIOT entry, this field contains blanks.
zSTR	INT	1	(IBM name: SMF64STR) The number of strings requested by the user. This field may or may not contain the same number as SMF64PLH. It all depends on the data set activity (VSAM will dynamically add strings when necessary).
zBNO	INT	1	(IBM name: SMF64BNO) Actual number of buffers requested by the user. VSAM may override the number of data buffers requested by the user based on such things as the amount of buffer space specified at define time. This number may also vary based on whether the data set is using an LSR/GSR buffer pool, and whether or not separate data and index pools were established. When MACRF=RLS, this field is not applicable and it is set to 0.
zBSP	INT	4	(IBM name: SMF64BSP) Buffer space. When MACRF=RLS, this field is ignored.
zBFD	INT	2	(IBM name: SMF64BFD) The number of data buffers requested by the user. When MACRF=RLS, this field is ignored.
zBFI	INT	2	(IBM name: SMF64BFI) The number of index buffers requested by the user. When MACRF=RLS, this field is ignored.
zCLN	CHAR	44	(IBM name: SMF64CLN) Cluster name from JCL.
zPLH	INT	2	(IBM name: SMF64PLH) Actual number of concurrent strings (requested by the user) used. When MACRF=RLS, this field is set to 0.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.zMAC.<fieldname>

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.zMAC.zMC1.<fieldname>

zIdKey	BIT	1	Record is identified by a key
zIdRBA	BIT	1	Record is identified by a relative byte address (RBA)
zCI	BIT	1	Control-Interval processing
zSeq	BIT	1	Sequential processing
zDirect	BIT	1	Direct processing
zInput	BIT	1	Input processing
zOutput	BIT	1	Output processing
zUserBufSp	BIT	1	User-supplied buffer space.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.zMAC.zMC2.<fieldname>

zJESOut	BIT	1	Defined only when output and JES format. The system is to ensure that the logical record length will be the same when the data is read. This bit is not defined for input.
zCC	BIT	1	Control character type
zSKIP	BIT	1	Skip sequential processing
zVTAM	BIT	1	VTAM LOGON indicator
zEmpty	BIT	1	Set data set to empty state

zShrCB	BIT	1	Shared control blocks
zAIXOfPath	BIT	1	Alternate Index of the path.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.zMAC.zMC3.<fieldname>			
zLSR	BIT	1	Local shared resource
zGSR	BIT	1	Global shared resource
zImprovedCI	BIT	1	Improved control-interval processing
zDeferWrite	BIT	1	Deferred write
zSeqIns	BIT	1	Sequential insert strategy
zCBReal	BIT	1	Control blocks are fixed in real storage
zVSAMA31	BIT	1	VSAM 31-bit addressing mode I/O buffers.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.zMAC.zMC4.<fieldname>			
zRLS	BIT	1	RLS Processing
zSNP	BIT	1	SNP Option

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.zSMB.<fieldname>			
zAccBias	BIT	1	USER specified AMP ACCBIAS through JCL (ACCBIAS=DOISOIDWISW)
zAccBiasSMB	BIT	1	USER requested through JCL or DATACLAS that SMB is to determine ACCBIAS
zBIAS#D0	BIT	1	BIAS=D0 used
zBIAS#S0	BIT	1	BIAS=S0 used
zBIAS#SW	BIT	1	BIAS=SW used
zBIAS#DW	BIT	1	BIAS=DW used
zBIAS#C0	BIT	1	BIAS=C0 used
zBIAS#CR	BIT	1	BIAS=CR used

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Dataset_Characteristics.<fieldname>			
zRSC	INT	1	SMB Information

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Hyperbatch_IO.<fieldname>			
zSIO	INT	4	(IBM name: SMF64SIO) Number of requests for I/O issued by the access method for this data set for which Hiperbatch attempted to find the requested data in its buffers (see SMF64HIT and SMF64MIS). When MACRF=RLS, this field is not applicable and it is set to 0.
zHIT	INT	4	(IBM name: SMF64HIT) Number of requests for I/O issued by the access method for this data set satisfied by moving data from Hiperbatch buffers. When MACRF=RLS, this field is not applicable and it is set to 0.
zWTS	INT	4	(IBM name: SMF64WTS) Number of times Hiperbatch temporarily suspended this requester because another user was already reading some or all of the requested data. When MACRF=RLS, this field is not applicable and it is set to 0.
zMIS	INT	4	(IBM name: SMF64MIS) Number of requests for I/O issued by the access method for this data set satisfied by performing DASD I/O. Note that the sum of SMF64HIT and SMF64MIS should equal SMF64SIO. When MACRF=RLS, this field is not applicable and it is set to 0.
zIOS	INT	4	(IBM name: SMF64IOS) Number of DASD I/Os (as recorded in SMF64MIS) for which Hiperbatch copied the data into its buffers. Note that random reads from DASD do not populate the Hiperbatch buffers. When MACRF=RLS, this field is not applicable and it is set to 0. Compressed Data Statistics Section:

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.Compressed_Data.<fieldname>			
zSDS	INT	8	(IBM name: SMF64SDS) Source data set size at open for compressed data set. Valid only if SMF64CMP (in SMF64DTY) is set on.
zCDS	INT	8	(IBM name: SMF64CDS) Compressed data set size at open. Valid only if SMF64CMP (in SMF64DTY) is set on.
zCSS	INT	8	(IBM name: SMF64CSS) Change in source data set size in this open for compressed data set. Valid only if SMF64CMP (in SMF64DTY) is set on.
zCCS	INT	8	(IBM name: SMF64CCS) Change in compressed data set size in this open. Valid only if SMF64CMP (in SMF64DTY) is set on.
zDTK	HEX	36	(IBM name: SMF64DTK) Dictionary token for compressed data set. Valid only if SMF64CMP (in SMF64DTY) is set on.
zTRK	INT	4	(IBM name: SMF64TRK) Number of tracks released during partial release processing.

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.CF_Cache_Structure.<fieldname>			
zBMH	INT	4	(IBM name: SMF64BMH) Number of requests where the data was obtained from the local shared buffer pool.
zCFH	INT	4	(IBM name: SMF64CFH) Number of requests where the data was obtained from the DFSMS coupling facility cache structure.
zRIO	INT	4	(IBM name: SMF64RIO) Number of requests where the data was obtained from DASD.
zTIM	TSTMP	8	(IBM name: SMF64TIM) Time data set was opened .

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.CF_Cache_Structure.zFG1.<fieldname>			
zCHKP	BIT	1	CHECKPOINT has been issued
zEOV	BIT	1	EOV diagnostic

SMF064_VSAM_Component_or_Cluster_Status.Statistics_Section_at_OPEN_Time.CF_Cache_Structure.<fieldname>			
zFD1	INT	1	(IBM name: SMF64FD1) EOV diagnostic field 1.
zFD2	INT	1	(IBM name: SMF64FD2) EOV diagnostic field 2.
zDAU	INT	4	(IBM name: SMF64DAU) Change in the number of CA-reclaimed control areas reused in the KSDS since the last EOVS or CLOSE.
zRLM	INT	4	(IBM name: SMF64RLM) Number of control areas reclaimed in the KSDS since the last EOVS or CLOSE.
zNTA	INT	4	(IBM name: SMF64NTA) DASD dataset key label.
zJobID	CHAR	8	(IBM name: N/A) Job ID.
zSysplexName	CHAR	8	(IBM name: N/A) Sysplex Name.

Record Type 65 - ICF Catalog Delete Activity

SMF Record 65 (ICF Catalog Delete Activity) is mapped by structure member "T065".

Primary Segment:

- [SMF065_ICF_Cat_Delete_Activity](#)

Secondary Segment(s): 0

Primary segment: [SMF065_ICF_Cat_Delete_Activity](#)

Field Name	Type	Len	Description
<i>SMF065_ICF_Cat_Delete_Activity.<fieldname></i>			
<i>SMF065_ICF_Cat_Delete_Activity.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF65SYS) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF65RTY) Record type 65 (X'41').
zTME	TSTMP	8	(IBM name: SMF65TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF65CPU) System identification (from the SID parameter).
zSBS	CHAR	4	(IBM name: SMF65SBS) Reserved.
zSUB	CHAR	2	(IBM name: SMF65SUB) The action taken on the catalog entry. valid values are: IN (INSERT) DE (DELETE) UP (UPDATE)
zPOF	INT	4	(IBM name: SMF65POF) Offset of product section from start of record, including record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF65PLN) Length of product section.
zPNO	INT	2	(IBM name: SMF65PNO) Number of product sections.
zDOF	INT	4	(IBM name: SMF65DOF) Offset of data section from start of record, including record descriptor word (RDW).
zDLN	INT	2	(IBM name: SMF65DLN) Length of data section.
zDNO	INT	2	(IBM name: SMF65DNO) Number of data sections. Product and data section:

<i>SMF065_ICF_Cat_Delete_Activity.Product_and_Data.<fieldname></i>			
zVER	CHAR	2	(IBM name: SMF65VER) Version of the type 65 REC0RD.
zPNM	CHAR	8	(IBM name: SMF65PNM) Catalog management product identifier.
zJOBNAME	CHAR	8	(IBM name: SMF65JNM) Job name. The job log identification consists of the job name, time, and date that the reader recognized the JOB card (for this job). If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros.
zRST	TSTMP	8	

			(IBM name: SMF65RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF65UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zFNC	CHAR	1	(IBM name: SMF65FNC) Contains 'S' if a data set was scratched. 'U' if only catalog entries were modified.
zCNM	CHAR	44	(IBM name: SMF65CNM) Name of the catalog in which record was updated or deleted.

SMF065_ICF_Cat_Delete_Activity.Product_and_Data.zTYP.<fieldname>			
zTYP1	CHAR	1	(IBM name: N/A) Entry type identifier in char format.
zTYP2	HEX	1	(IBM name: N/A) Entry type identifier in hex format.
zTYP3	INT (ENUM)	1	Entry type identifier interpreted.

SMF065_ICF_Cat_Delete_Activity.Product_and_Data.<fieldname>			
zENM	CHAR	44	(IBM name: SMF65ENM) Entry name.
zNNM	CHAR	44	(IBM name: SMF65NNM) Reserved.
zCRC	VCHAR	2 1002	(IBM name: SMF65CRC) Catalog record for updated or deleted entry (the length of this record is contained in the first two bytes of this field).

Record Type 66 - ICF Catalog Alter Activity

SMF Record 66 (ICF Catalog Alter Activity) is mapped by structure member "T066".

Primary Segment:

- [SMF066_ICF_Cat_Alter_Activity](#)

Secondary Segment(s): 0

Primary segment: [SMF066_ICF_Cat_Alter_Activity](#)

Field Name	Type	Len	Description
<i>SMF066_ICF_Cat_Alter_Activity.<fieldname></i>			
<i>SMF066_ICF_Cat_Alter_Activity.Header_self_defining_section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF66SYS) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF66RTY) Record type 66 (X'42').
zTME	TSTMP	8	(IBM name: SMF66TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF66CPU) System identification (from the SID parameter).
zSBS	CHAR	4	(IBM name: SMF66SBS) Reserved.
zSUB	CHAR	2	(IBM name: SMF66SUB) The action taken on the catalog entry. valid values are: IN (INSERT) DE (DELETE) UP (UPDATE)
zPOF	INT	4	(IBM name: SMF66POF) Offset of product section from start of record, including record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF66PLN) Length of product section.
zPNO	INT	2	(IBM name: SMF66PNO) Number of product sections.
zDOF	INT	4	(IBM name: SMF66DOF) Offset of data section from start of record, including record descriptor word (RDW).
zDLN	INT	2	(IBM name: SMF66DLN) Length of data section.
zDNO	INT	2	(IBM name: SMF66DNO) Number of data sections. Product and data section:
<i>SMF066_ICF_Cat_Alter_Activity.Product_and_Data.<fieldname></i>			
zVER	CHAR	2	(IBM name: SMF66VER) Version of the type 66 RECORD.
zPNM	CHAR	8	(IBM name: SMF66PNM) Catalog management product identifier.
zJOBNAME	CHAR	8	(IBM name: SMF66JNM) Job name. The job log identification consists of the job name, time, and date that the reader recognized the JOB card (for this job). If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros.
zRST	TSTMP	8	

			(IBM name: SMF66RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF66UID) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zFNC	CHAR	1	(IBM name: SMF66FNC) Contains 'R' if catalog entry is renamed.
zCNM	CHAR	44	(IBM name: SMF66CNM) Name of catalog in which record was updated or deleted.

SMF066_ICF_Cat_Alter_Activity.Product_and_Data.zTYP.<fieldname>			
zTYP1	CHAR	1	(IBM name: N/A) Entry type identifier in char format.
zTYP2	HEX	1	(IBM name: N/A) Entry type identifier in hex format.
zTYP3	INT (ENUM)	1	Entry type identifier interpreted.

SMF066_ICF_Cat_Alter_Activity.Product_and_Data.<fieldname>			
zENM	CHAR	44	(IBM name: SMF66ENM) Current entry name.
zNNM	CHAR	44	(IBM name: SMF66NNM) New entry name.
zCRC	VCHAR	2 1002	(IBM name: SMF66CRC) Catalog record for updated or deleted entry (the length of this record is contained in the first two bytes of this field).

Record Type 67 - VSAM Catalog Entry Deleted

SMF Record 67 (VSAM Catalog Entry Deleted) is mapped by structure member "T067".

Primary Segment:

- [SMF067_VSAM_Cat_Entry_Deleted](#)

Secondary Segment(s): 0

Primary segment: [SMF067_VSAM_Cat_Entry_Deleted](#)

Field Name	Type	Len	Description
<i>SMF067_VSAM_Cat_Entry_Deleted.<fieldname></i>			
<i>SMF067_VSAM_Cat_Entry_Deleted.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF67FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF67RTY) Record type 67 (X'43').
zTME	TSTMP	8	(IBM name: SMF67TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	2	(IBM name: SMF67SID) System identification (from the SID parameter).
zSMI	CHAR	2	(IBM name: SMF67SMI) System model identifier.
zJOBNAME	CHAR	8	(IBM name: SMF67JBN) Job name. If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF67RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF67UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).

<i>SMF067_VSAM_Cat_Entry_Deleted.Header_Self_defining_Section.zFDT.<fieldname></i>			
zUnCataloged	BIT	1	Uncataloged
zScratched	BIT	1	Scratched
z	BIT	6	Reserved.

<i>SMF067_VSAM_Cat_Entry_Deleted.Header_Self_defining_Section.zIOD.<fieldname></i>			
zCluster	BIT	1	VSAM cluster
zData	BIT	1	VSAM data component
zIndex	BIT	1	VSAM index component
zCatalog	BIT	1	VSAM catalog
zNonVSAM	BIT	1	Non-VSAM data set
zGDG	BIT	1	Generation Data Group
zAlias	BIT	1	Alias

SMF067_VSAM_Cat_Entry_Deleted.Header_Self_defining_Section.<fieldname>			
zCNM	CHAR	44	(IBM name: SMF67CNM) Name of catalog in which the entry was defined.
zDEN	CHAR	44	(IBM name: SMF67DEN) Entry name.
zRSZ	INT	2	(IBM name: SMF67RSZ) Size of catalog record that defined the entry. A VSAM catalog record is contained in one or more physical catalog records. Offset 132 IS the sum of the sizes of the physical catalog records that constitute the total logical VSAM catalog record.
zCRC	VCHAR	2 1002	(IBM name: SMF67CRC) Catalog record.

Record Type 68 - VSAM Catalog Entry Renamed

SMF Record 68 (VSAM Catalog Entry Renamed) is mapped by structure member "T068".

Primary Segment:

- SMF068_VSAM_Catalog_Entry_Renamed

Secondary Segment(s): 0

Primary segment: SMF068_VSAM_Catalog_Entry_Renamed

Field Name	Type	Len	Description
<i>SMF068_VSAM_Catalog_Entry_Renamed.<fieldname></i>			
SMF068_VSAM_Catalog_Entry_Renamed.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF68FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF68RTY) Record type 68 (X'44').
zTME	TSTMP	8	(IBM name: SMF68TME) Date/Time that the record was moved into SMF buffer.
zSID	CHAR	4	(IBM name: SMF68SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF68JBN) Job name. If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF68RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF68UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zCNM	CHAR	44	(IBM name: SMF68CNM) Name of catalog in which the entry is defined.
zONM	CHAR	44	(IBM name: SMF68ONM) Old name of the entry (obtained from the ALTER command).
zNNM	CHAR	44	(IBM name: SMF68NNM) New name of the entry (obtained from the ALTER command).

Record Type 69 - VSAM DataSpace Defined, Extended or Deleted

SMF Record 69 (VSAM DataSpace Defined, Extended or Deleted) is mapped by structure member "T069".

Primary Segment:

- [SMF069_VSAM_DataSpace_Defined_Ext_Del](#)

Secondary Segment(s): 0

Primary segment: [SMF069_VSAM_DataSpace_Defined_Ext_Del](#)

Field Name	Type	Len	Description
<i>SMF069_VSAM_DataSpace_Defined_Ext_Del.<fieldname></i>			
<i>SMF069_VSAM_DataSpace_Defined_Ext_Del.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF69FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF69RTY) Record type 69 (X'45').
zTME	TSTMP	8	(IBM name: SMF69TME) Date/Time that the record was moved into SMF buffer.
zSID	CHAR	4	(IBM name: SMF69SID) System identification (from the SID parameter).
zJOBNAME	CHAR	8	(IBM name: SMF69JBN) Job name. If a system task caused the record to be written, the job name and user identification fields contain blanks and the time and date fields contain zeros. The job name, time, and date that the reader recognized the JOB card (for this job) constitute the job log identification, or transaction name (for APPC output).
zRST	TSTMP	8	(IBM name: SMF69RST) Date/Time that the reader recognized the JOB card (for this job).
zUSERID	CHAR	8	(IBM name: SMF69UIF) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zCUU	INT	2	(IBM name: SMF69CUU) Device number.
zIND	INT	2	(IBM name: SMF69IND) Spindle identification.
zNDS	INT	2	(IBM name: SMF69NDS) Number of free data space extents on the affected volume after the data space is defined, extended, or deleted.
zNUC	INT	2	(IBM name: SMF69NUC) Number of unallocated cylinders in all of the data spaces on the volume.
zNUT	INT	2	(IBM name: SMF69NUT) Number of unallocated tracks in all of the data spaces on the volume in addition to the number of unallocated cylinders.
zLNC	INT	2	(IBM name: SMF69LNC) Number of cylinders in the largest continuous unallocated area in any data space on the volume.
zLNT	INT	2	(IBM name: SMF69LNT) Number of tracks (in addition to the number of cylinders) in the largest continuous unallocated area in any data space on the volume.
zCNM	CHAR	44	(IBM name: SMF69CNM) Name of catalog in which the data space is defined.
zVSR	CHAR	6	

			(IBM name: SMF69VSR) Volume serial number of the volume on which the data space is defined.
--	--	--	--

Record Type 70 - RMF Processor Activity

SMF Record 70 (RMF Processor Activity) has a number of subtypes, each mapped by a structure member name of the format "T070STnn".

Record Type 70 Subtype 1 - CPU, PR/SM, and ICF Activity

Primary Segment:

- SMF070#01_RM_F_Processor_CPU_PRSM_ICF

Secondary Segment(s): 9 (in alphabetical order)

- SMF070#01_ASID_Data
- SMF070#01_CPU_Control
- SMF070#01_CPU_Data
- SMF070#01_CPU_Id
- SMF070#01_Logical_Core
- SMF070#01_Product
- SMF070#01_PRSM_Logical_Processor
- SMF070#01_PRSM_Partition
- SMF070#01_Tenant_Resource

Primary segment: SMF070#01_RM_F_Processor_CPU_PRSM_ICF

Field Name	Type	Len	Description
SMF070#01_RM_F_Processor_CPU_PRSM_ICF.<fieldname>			
SMF070#01_RM_F_Processor_CPU_PRSM_ICF.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF70FLG) System indicator: Bit Meaning when set 0 New record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF70RTY) Record type 70 (X'46').
zTME	TSTMP	8	(IBM name: SMF70TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF70SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF70SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF70STF) Record SubType.
zTRN	INT	2	(IBM name: SMF70TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF70PRS) Offset to RMF product section from the RDW.
zPRL	INT	2	(IBM name: SMF70PRL) Length of RMF product section.
zPRN	INT	2	(IBM name: SMF70PRN) Number of RMF product sections. Individual header extension for SubType 1:
zCCS	INT	4	(IBM name: SMF70CCS) Offset to CPU control section from RDW.
zCCL	INT	2	

			(IBM name: SMF70CCL) Length of CPU control section.
zCCN	INT	2	(IBM name: SMF70CCN) Number of CPU control section.
zCPS	INT	4	(IBM name: SMF70CPS) Offset to CPU data section from RDW.
zCPL	INT	2	(IBM name: SMF70CPL) Length of CPU data section.
zCPN	INT	2	(IBM name: SMF70CPN) Number of CPU data sections in this record.
zASS	INT	4	(IBM name: SMF70ASS) Offset to ASID Data Area section from RDW.
zASL	INT	2	(IBM name: SMF70ASL) Length of ASID Data Area section.
zASN	INT	2	(IBM name: SMF70ASN) Number of ASID Data Area sections.
zBCS	INT	4	(IBM name: SMF70BCS) Offset to PR/SM Partition data section from RDW.
zBCL	INT	2	(IBM name: SMF70BCL) Length of PR/SM Partition data section.
zBCN	INT	2	(IBM name: SMF70BCN) Number of PR/SM Partition data sections.
zBVS	INT	4	(IBM name: SMF70BVS) Offset to PR/SM Logical Processor data section from RDW.
zBVL	INT	2	(IBM name: SMF70BVL) Length of PR/SM Logical Processor data section.
zBVN	INT	2	(IBM name: SMF70BVN) Number of PR/SM Logical Processor data sections.
zCNS	INT	4	(IBM name: SMF70CNS) Offset to CPU-identification name sections.
zCNL	INT	2	(IBM name: SMF70CNL) Length of CPU-identification name section.
zCNN	INT	2	(IBM name: SMF70CNN) Number of CPU-identification name sections.
zCOS	INT	4	(IBM name: SMF70COS) Offset to Logical Core data section from RDW.
zCOL	INT	2	(IBM name: SMF70COL) Length of Logical Core data section.
zCON	INT	2	(IBM name: SMF70CON) Number of Logical Core data sections.
zTNS	INT	4	(IBM name: SMF70TNS) Offset to Tenant Resource Group data section from RDW.
zTNL	INT	2	(IBM name: SMF70TNL) Length of Tenant Resource Group data section.
zTNN	INT	2	(IBM name: SMF70TNN) Number of Tenant Resource Group data sections. Individual header extension for SubType 2:

Secondary segment: **SMF070#01_Product**

Field Name	Type	Len	Description
<i>SMF070#01_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF70MFV) RMF version number.

zPRD	CHAR	8	(IBM name: SMF70PRD) Product name ('RMF').
zIST	TIME	4	(IBM name: SMF70IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF70DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF70INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF70SAM) Number of RMF samples.

SMF070#01_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
zIIPBoost	BIT	1	zIIP boost was active during entire interval.
zSpeedBoost	BIT	1	Speed boost was active during entire interval.
z_Boost_Class	BINT (ENUM)	3	

SMF070#01_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF70CYC) Sampling cycle length, in the form 000tttF, where ttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF70MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF70IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF070#01_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zZArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF070#01_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF70PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF70SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF70IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized

			with SMF).
zLGO	TIME	8	(IBM name: SMF70LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF70RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF70RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF70RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF70OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF70SYN) SYNC value in seconds.
zGIE	TSTMP	8	(IBM name: SMF70GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF70XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF70SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF070#01_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF70RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF70RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF70RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF70RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF70RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF070#01_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF70RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF70RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF070#01_CPU_Control**

Field Name	Type	Len	Description
<i>SMF070#01_CPU_Control.<fieldname></i>			
zMOD	INT	2	(IBM name: SMF70MOD) CPU processor family.
zVER	INT	1	(IBM name: SMF70VER) CPU version number - meaning varies with model number.
zBNP	INT	1	(IBM name: SMF70BNP) Number of physical processors assigned for use by PR/SM.

<i>SMF070#01_CPU_Control.zINB.<fieldname></i>			
zDiag204Fail	BIT	1	PR/SM diagnose X'204' failure.
zProcChg	BIT	1	Number of physical processors has changed.
zIntvlChg	BIT	1	Dispatch interval time has been changed.
zAddPtn	BIT	1	An additional partition, that is not included in the count of configured partitions, is presented with a name of 'PHYSICAL'. This partition includes all of the uncaptured time that was used by the LPAR management time support feature but could not be attributed to a specific logical partition.
zDiag204Ext	BIT	1	PR/SM - Diagnose X'204' extended data is supported.
zDiag204Simp	BIT	1	Simplified Diagnose X'204' data provided for system running as z/VM® guest. CPU consumption by z/VM itself provided with partition data section for logical partition named PHYSICAL.

<i>SMF070#01_CPU_Control.zSTF.<fieldname></i>			
zSTSI	BIT	1	The STSI facility is available for the CPC.
zCpuAdjChg	BIT	1	Physical CPU adjustment factor has been changed.
zSvcUnitChg	BIT	1	Service units available to MVS image have been changed.
zzLAC	BIT	1	SMF70LAC is provided for systems running in LPAR mode or as a z/VM guest. The value does no longer include CPU wait times.
zzMDL	BIT	1	SMF70MDL is the model-capacity identifier and SMF70HWM is the physical model. If this bit is OFF, SMF70MDL represents both model-capacity and physical model.
zTRPCTChg	BIT	1	OPT parameter BLWLTRPCT changed.
zINTHDChg	BIT	1	OPT parameter BLWLINTHD changed.
zzGAU	BIT	1	Field SMF70GAU is valid.

<i>SMF070#01_CPU_Control.<fieldname></i>			
zGTS	INT	2	(IBM name: SMF70GTS) Dispatch accumulated interval time in milliseconds. A zero value indicates that the dispatch interval was dynamically determined.
zMDL	CHAR	16	(IBM name: SMF70MDL) CPC model identifier. See bit 4 0F SMF70STF.
zDSA	INT	2	(IBM name: SMF70DSA) Number of Diagnose samples.
zIFA	INT	2	(IBM name: SMF70IFA) Number of zAAPs online at the end of the interval.
zCPA	INT	4	(IBM name: SMF70CPA) Physical CPU adjustment factor based on alternate CPU capability. This value is replaced by SMF70CPA_actual and SMF70CPA_scaling_factor.
zWLA	INT	4	(IBM name: SMF70WLA) Processor capacity available to MVS image measured in MSUs (millions of service units) per hour. The value takes into account whether or not the image has a defined capacity limit. (For systems

			running as VM guest, this is the VM capacity).
zLAC	INT	4	(IBM name: SMF70LAC) Long-term average of CPU service (millions of service units). Scope of the value depends on bit 3 OF SMF70STF.
zHOF	TIME	8	(IBM name: SMF70HOF) Hypervisor date/time offset in STCK format (aka Sysplex timer offset).
zHWM	CHAR	16	(IBM name: SMF70HWM) CPC physical model identifier. Valid if bit 4 OF SMF70STF is set.
zSUP	INT	2	(IBM name: SMF70SUP) Number of zIIPs online at the end of the interval.
zGJT	TSTMP	8	(IBM name: SMF70GJT) Time in STCK format when the partition that wrote this record has joined or left a capacity group (last change of group name). Also set at IPL time, when the partition is not a member of a capacity group.
zPOM	CHAR	4	(IBM name: SMF70POM) EBCDIC plant code that identifies the plant of manufacture for the configuration. The plant code is left-justified with trailing blank characters if necessary.
zCSC	CHAR	16	(IBM name: SMF70CSC) EBCDIC sequence code of the configuration. The sequence code is right-justified with leading EBCDIC zeroes if necessary.

SMF070#01_CPU_Control.zHHF.<fieldname>

zHIPERDISPATCHSupport	BIT	1	HIPERDISPATCH mode supported.
zHIPERDISPATCHActive	BIT	1	HIPERDISPATCH mode is active.
zHIPERDISPATCHChanged	BIT	1	HIPERDISPATCH mode changed during interval.
zFAILURE	BIT	1	FAILURE returned by HISMT service. Values in Logical Core data section and values provided in SMF70MCF, SMF70MCFS, SMF70MCFI, SMF70CF, SMF70CFS, SMF70CFI, SMF70ATD, SMF70ATDS, and SMF70ATDI are invalid.
zAbsoluteMSU	BIT	1	ABSOLUTE MSU capping is active for this partition.
zOS_PRTCTValid	BIT	1	SMF70OS_PRTCT is valid.

SMF070#01_CPU_Control.<fieldname>

zCR	INT	1	(IBM name: SMF70CR) ZEP field 0.
zPMI	INT	4	(IBM name: SMF70PMI) Accumulated number of blocked dispatchable units per second that may get promoted in their dispatch priority. To get the average promote event rate, divide SMF70PMI by SMF70SAM.
zPMU	INT	4	(IBM name: SMF70PMU) Number of blocked dispatchable units being promoted during the interval.
zPMW	INT	4	(IBM name: SMF70PMW) Accumulated number of address spaces and enclaves being blocked during the interval. To get the average number of waiters for promote, divide SMF70PMW by SMF70SAM.
zPMP	INT	4	(IBM name: SMF70PMP) Maximum number of address spaces and enclaves found being blocked during the interval.
zPMT	INT	2	(IBM name: SMF70PMT) 1/1000s of the CPU capacity for promote slices (OPT parameter BLWLTRPCT).
zPML	INT	2	(IBM name: SMF70PML) Swapped-in starvation threshold. When an address space or enclave has not received CPU service within this time interval although it has ready-to-run work, it is considered being blocked (OPT parameter BLWLINTHD).
zMPC	CHAR	16	(IBM name: SMF70MPC) CPC model identifier indicating the permanent capacity of the CPC,

			without the temporarily increased capacity and the temporarily available replacement capacity. The identifier is left justified with trailing blanks if necessary. This field is zero, if not supported by the hardware.
zMTC	CHAR	16	(IBM name: SMF70MTC) CPC model identifier indicating the temporary capacity of the CPC, which is the total of permanent capacity and temporarily increased capacity, without the temporarily available replacement capacity. The identifier is left justified with trailing blanks if necessary. This field is zero, if not supported by the hardware.
zMCR	INT	4	(IBM name: SMF70MCR) CPC model capacity rating associated with the model as identified by SMF70MDL. This field is zero, if not supported by the hardware.
zMPR	INT	4	(IBM name: SMF70MPR) CPC permanent model capacity rating associated with the model as identified by SMF70MPC. This field is zero, if not supported by the hardware.
zMTR	INT	4	(IBM name: SMF70MTR) CPC temporary model capacity rating associated with the model as identified by SMF70MTC. This field is zero, if not supported by the hardware.
zZEP	INT	4	(IBM name: SMF70ZEP) ZEP field 1.
zZER	HEX	8	(IBM name: SMF70ZER) ZEP field 2.
zZEE	HEX	8	(IBM name: SMF70ZEE) ZEP field 3.
zZEC	HEX	8	(IBM name: SMF70ZEC) ZEP field 4.
zNRM	INT	4	(IBM name: SMF70NRM) Normalization factor for zIIP. Multiply zIIP time by this value and divide by 256 T0 get the equivalent time on a CP.
zGAU	INT	4	(IBM name: SMF70GAU) Long-term average of CPU service in millions of service units which would be allowed by the limit of the capacity group but is not used by its members. If the value is negative, the group is capped. Valid if bit 7 0F SMF70STF is set.
zZEI	HEX	8	(IBM name: SMF70ZEI) ZEP field 5.
zNCR	INT	4	(IBM name: SMF70NCR) Nominal model-capacity rating in MSU/hour. When non-zero, this value is associated with the nominal model capacity as identified in field SMF70MDL. When field SMF70CAI contains a value of 100, this value equals the value in field SMF70MCR.
zNPR	INT	4	(IBM name: SMF70NPR) Nominal permanent model-capacity rating in MSU/hour. When non-zero, this value is associated with the nominal permanent model capacity as identified in field SMF70MPC. When field SMF70CAI contains a value of 100, this value equals the value in field SMF70MPR.
zNTR	INT	4	(IBM name: SMF70NTR) Nominal temporary model-capacity rating in MSU/hour. When non-zero, this value is associated with the nominal temporary model capacity as identified in field SMF70MTC. When field SMF70CAI contains a value of 100, this value equals the value in field SMF70MTR.
zCAI	INT	1	(IBM name: SMF70CAI) Capacity-adjustment indication. When zero, the indication is not reported. When in the range from 1 T0 99, some amount of reduction is indicated. When 100, the machine is operating at its normal capacity. Temporary capacity changes that affect machine performance (for example, CBU or OOC0D) are not included.
zCCR	INT	1	(IBM name: SMF70CCR) Capacity-change reason. Valid if SMF70CAI is non-zero. When 0, no capacity change took place. When 1, the capacity change is due to

			the setting of a manual control. When greater than 1, the capacity change is due to an internal machine condition or due to an external machine exception.
zMCP	INT	2	(IBM name: SMF70MCP) Maximum CPU ID available for this IPL.
zICP	INT	2	(IBM name: SMF70ICP) Highest CPU ID installed at IPL time.
zCCP	INT	2	(IBM name: SMF70CCP) Highest CPU ID currently installed. This number can increase upon dynamic CPU addition.
zCPA_actual	INT	4	(IBM name: SMF70CPA_actual) Physical CPU adjustment factor based on Model Capacity Rating (will be used for converting processor time to service units). This value together with SMF70CPA_scaling_factor replaces SMF70CPA.
zCPA_scaling_factor	INT	4	(IBM name: SMF70CPA_scaling_factor) Scaling factor for SMF70CPA_actual.
zMCF	INT	4	(IBM name: SMF70MCF) Multithreading maximum capacity numerator for general purpose processors. Divide this value by 1024 T0 get the multithreading maximum capacity factor for all general purpose processors that were configured ONLINE for the complete interval.
zMCF5	INT	4	(IBM name: SMF70MCF5) Multithreading maximum capacity numerator for zIIP. Divide this value by 1024 T0 get the multithreading maximum capacity factor for all zIIPs that were configured ONLINE for the complete interval. A zero value is reported if no zIIP is currently installed.
zMCFI	INT	4	(IBM name: SMF70MCFI) Multithreading maximum capacity numerator for zAAP. Divide this value by 1024 T0 get the multithreading maximum capacity factor for all zAAPs that were configured ONLINE for the complete interval. A zero value is reported if no zAAP is currently installed.
zCF	INT	4	(IBM name: SMF70CF) Multithreading capacity numerator for general purpose processors. Divide this value by 1024 T0 get the multithreading capacity factor for all general purpose processors that were configured ONLINE for the complete interval.
zCFS	INT	4	(IBM name: SMF70CFS) Multithreading capacity numerator for zIIP. Divide this value by 1024 T0 get the multithreading capacity factor for all zIIPs that were configured ONLINE for the complete interval. A zero value is reported if no zIIP is currently installed.
zCFI	INT	4	(IBM name: SMF70CFI) Multithreading capacity numerator for zAAP. Divide this value by 1024 T0 get the multithreading capacity factor for all zAAPs that were configured ONLINE for the complete interval. A zero value is reported if no zAAP is currently installed.
zATD	INT	4	(IBM name: SMF70ATD) Average Thread Density numerator for general purpose processors . Divide this value by 1024 T0 get the average number of active threads for all general purpose processors that were dispatched to physical hardware and configured ONLINE for the complete interval.
zATDS	INT	4	(IBM name: SMF70ATDS) Average Thread Density numerator for zIIP. Divide this value by 1024 T0 get the average number of active threads for all zIIPs that were dispatched to physical hardware and configured ONLINE for the complete interval. A zero value is reported if no zIIP is currently installed.
zATDI	INT	4	(IBM name: SMF70ATDI) Average Thread Density numerator for zAAP. Divide this value by 1024 T0 get the average number of active threads for all zAAPs that were dispatched to physical hardware and configured ONLINE for the complete interval. A zero value is reported if no zAAP is currently installed.
zLACM	INT	4	(IBM name: SMF70LACM) Long-term average of CPU service (millions of service units) consumed by transactions classified with reporting attribute MOBILE.

			If an address space or enclave is part of a tenant resource group, it will not contribute to SMF70LACM.
zLACA	INT	4	(IBM name: SMF70LACA) Long-term average of CPU service (millions of service units) consumed by transactions classified with reporting attribute CATEGORYA. If an address space or enclave is part of a tenant resource group, it will not contribute to SMF70LACA.
zLACB	INT	4	(IBM name: SMF70LACB) Long-term average of CPU service (millions of service units) consumed by transactions classified with reporting attribute CATEGORYB. If an address space or enclave is part of a tenant resource group, it will not contribute to SMF70LACB.
zADJ	INT	4	(IBM name: SMF70ADJ) Logical adjustment factor for CPU rate.
zLACCR	INT	4	(IBM name: SMF70LACCR) Long-term average of CPU service (millions of service units) consumed by DFSMS data set encryption. Valid only for IBM z14 and later CPCs.
zMaxPU	INT	2	(IBM name: SMF70MaxPU) When non-zero, this field indicates how many processor cores are physically available in this particular machine. When the value is 0, it is not defined for this model.
zOS_PRTCT	INT	1	(IBM name: SMF70OS_PRTCT) When non-zero, OSPROTECT system parameter with a value other than SYSTEM is in effect. X'01' indicates OSPROTECT=1.
zMDL_CBP	CHAR	16	(IBM name: SMF70MDL_CBP) Reserved
zMCR_CBP	INT	4	(IBM name: SMF70MCR_CBP) Reserved
zNCR_CBP	INT	4	(IBM name: SMF70NCR_CBP) Reserved
zLAC_CBP	INT	4	(IBM name: SMF70LAC_CBP) Reserved
zCPA_actual_CBP	INT	4	(IBM name: SMF70CPA_actual_CBP) Reserved
z_IPL_TIME	TIME	8	(IBM name: SMF70_IPL_TIME) IPL time of partition, in TOD format.
z_TRG_M_CNT	INT	4	(IBM name: SMF70_TRG_M_CNT) Number of times sampling of tenant resource group memory consumption happened.
zCRW	INT	4	(IBM name: SMF70CRW) Reserved.
zCPC_TYPE	INT	4	(IBM name: SMF70CPC_TYPE) CPC Type

Secondary segment: SMF070#01_CPU_Data

Field Name	Type	Len	Description
<i>SMF070#01_CPU_Data.<fieldname></i>			
zWAT	TIME	8	(IBM name: SMF70WAT) CPU wait time, where bit 51 = 1 MICROSEC0ND. That is, the amount of time that the CPU is not processing instructions (PSW wait state bit is on). Data could be incorrect if a SET CLOCK occurred during the RMF interval. SMF70WAT is used in RMF report calculations Note: This field is incorrect if MVS is running under VM.
zCID	HEX	2	(IBM name: SMF70CID) CPU identification

SMF070#01_CPU_Data.zCNF.<fieldname>			
zDATA	BIT	1	DATA available for complete interval.
zCPURPP	BIT	1	CPU reconfigured during post processor duration interval.
zCPURMI	BIT	1	CPU reconfigured during the measurement interval (data for this CPU is incorrect).
zCPUOn	BIT	1	CPU online at end of interval.

SMF070#01_CPU_Data.<fieldname>			
zSER	HEX	3	(IBM name: SMF70SER) CPU serial number (6 hexadecimal digits).
zTYP	INT (ENUM)	1	(IBM name: SMF70TYP) CPU type. (0 => GENERAL purpose CP, 1 => zAAP, 2 => zIIP)
zSLH	INT	4	(IBM name: SMF70SLH) Number of entries to the I/O SLIH. number of I/O interruptions that this processor handled by entry into the I/O interrupt handler.
zTPI	INT	4	(IBM name: SMF70TPI) Number of TPI (test pending interrupt) with CC=1. number of I/O interruptions that this processor handled from issuing the TPI instruction.
zVFS	INT	4	(IBM name: SMF70VFS) Number of samples when the vector bit in the PSA image was on, which is used to determine the percentage of time vector affinity was on.
zV	INT	1	(IBM name: SMF70V) Vector configuration Bit Meaning when set 0 VECT0R was online 1-7 Reserved.
zPAT	TIME	8	(IBM name: SMF70PAT) CPU parked time, where bit 51 = 1 MICROSECOND.
zTCB	INT	8	(IBM name: SMF70TCB) Number of TCB dispatches for this CPU.
zSRB	INT	8	(IBM name: SMF70SRB) Number of SRB dispatches for this CPU.
zNIO	INT	8	(IBM name: SMF70NIO) Number of I/Os for this CPU.
zSIG	INT	8	(IBM name: SMF70SIG) Total number of SIGPs done by this CPU.
zWTD	INT	8	(IBM name: SMF70WTD) Wait dispatch count for this CPU.
zWTS	INT	4	(IBM name: SMF70WTS) The number of times PR/SM issued a warning-track interruption to a logical processor and z/OS was able to return the logical processor within the grace period.
zWTU	INT	4	(IBM name: SMF70WTU) The number of times PR/SM issued a warning-track interruption to a logical processor and z/OS was unable to return the logical processor within the grace period.
zWTI	INT	4	(IBM name: SMF70WTI) Amount of time in milliseconds that a logical processor was yielded to PR/SM due to warning-track processing.

Secondary segment: **SMF070#01_ASID_Data**

Field Name	Type	Len	Description
SMF070#01_ASID_Data.<fieldname>			
zRMN	INT	2	(IBM name: SMF70RMN) Ready minimum value over interval.
zRMM	INT	2	

			(IBM name: SMF70RMM) Ready maximum value over interval.
zRTT	INT	4	(IBM name: SMF70RTT) Ready total value over interval.
zR00	INT	4	(IBM name: SMF70R00) Count of times ready value was zero.
zR01	INT	4	(IBM name: SMF70R01) Count of times ready value was 1.
zR02	INT	4	(IBM name: SMF70R02) Count of times ready value was 2.
zR03	INT	4	(IBM name: SMF70R03) Count of times ready value was 3.
zR04	INT	4	(IBM name: SMF70R04) Count of times ready value was 4.
zR05	INT	4	(IBM name: SMF70R05) Count of times ready value was 5.
zR06	INT	4	(IBM name: SMF70R06) Count of times ready value was 6.
zR07	INT	4	(IBM name: SMF70R07) Count of times ready value was 7.
zR08	INT	4	(IBM name: SMF70R08) Count of times ready value was 8.
zR09	INT	4	(IBM name: SMF70R09) Count of times ready value was 9.
zR10	INT	4	(IBM name: SMF70R10) Count of times ready value was 10.
zR11	INT	4	(IBM name: SMF70R11) Count of times ready value was 11.
zR12	INT	4	(IBM name: SMF70R12) Count of times ready value was 12.
zR13	INT	4	(IBM name: SMF70R13) Count of times ready value was 13.
zR14	INT	4	(IBM name: SMF70R14) Count of times ready value was 14.
zR15	INT	4	(IBM name: SMF70R15) Count of times ready value was 15 OR more.
zIMN	INT	2	(IBM name: SMF70IMN) IN users minimum over interval.
zIMM	INT	2	(IBM name: SMF70IMM) IN users maximum over interval.
zITT	INT	4	(IBM name: SMF70ITT) IN users total value over interval.
zI00	INT	4	(IBM name: SMF70I00) Count of times IN users was zero. 80 54 SMF70I01 4 BINARY Count of times IN users was 1 OR 2.
zI02	INT	4	(IBM name: SMF70I02) Count of times IN users was 3 OR 4.
zI03	INT	4	(IBM name: SMF70I03) Count of times IN users was 5 OR 6.
zI04	INT	4	(IBM name: SMF70I04) Count of times IN users was 7 OR 8.
zI05	INT	4	(IBM name: SMF70I05) Count of times IN users was 9 OR 10.
zI06	INT	4	(IBM name: SMF70I06) Count of times IN users was 11 - 15.
zI07	INT	4	

			(IBM name: SMF70I07) Count of times IN users was 16 - 20.
zI08	INT	4	(IBM name: SMF70I08) Count of times IN users was 21 - 25.
zI09	INT	4	(IBM name: SMF70I09) Count of times IN users was 26 - 30.
zI10	INT	4	(IBM name: SMF70I10) Count of times IN users was 31 - 35.
zI11	INT	4	(IBM name: SMF70I11) Count of times IN users was 36 OR more.
zOMN	INT	2	(IBM name: SMF70OMN) Out users minimum over interval.
zOMM	INT	2	(IBM name: SMF70OMM) Out users maximum over interval.
zOTT	INT	4	(IBM name: SMF70OTT) Out users total value over interval.
zO00	INT	4	(IBM name: SMF70O00) Count of times out users was zero.
zO01	INT	4	(IBM name: SMF70O01) Count of times out users was 1 OR 2.
zO02	INT	4	(IBM name: SMF70O02) Count of times out users was 3 OR 4.
zO03	INT	4	(IBM name: SMF70O03) Count of times out users was 5 OR 6.
zO04	INT	4	(IBM name: SMF70O04) Count of times out users was 7 OR 8.
zO05	INT	4	(IBM name: SMF70O05) Count of times out users was 9 OR 10.
zO06	INT	4	(IBM name: SMF70O06) Count of times out users was 11 - 15.
zO07	INT	4	(IBM name: SMF70O07) Count of times out users was 16 - 20.
zO08	INT	4	(IBM name: SMF70O08) Count of times out users was 21 - 25.
zO09	INT	4	(IBM name: SMF70O09) Count of times out users was 26 - 30.
zO10	INT	4	(IBM name: SMF70O10) Count of times out users was 31 - 35.
zO11	INT	4	(IBM name: SMF70O11) Count of times out users was 36 OR more.
zWMN	INT	2	(IBM name: SMF70WMN) Wait user minimum over interval.
zWMM	INT	2	(IBM name: SMF70WMM) Wait users maximum over interval.
zWTT	INT	4	(IBM name: SMF70WTT) Wait users total value over interval.
zW00	INT	4	(IBM name: SMF70W00) Count of times wait users was zero.
zW01	INT	4	(IBM name: SMF70W01) Count of times wait users was 1 OR 2.
zW02	INT	4	(IBM name: SMF70W02) Count of times wait users was 3 OR 4.
zW03	INT	4	(IBM name: SMF70W03) Count of times wait users was 5 OR 6.
zW04	INT	4	(IBM name: SMF70W04) Count of times wait users was 7 OR 8.

zW05	INT	4	(IBM name: SMF70W05) Count of times wait users was 9 OR 10.
zW06	INT	4	(IBM name: SMF70W06) Count of times wait users was 11 - 15.
zW07	INT	4	(IBM name: SMF70W07) Count of times wait users was 16 - 20.
zW08	INT	4	(IBM name: SMF70W08) Count of times wait users was 21 - 25.
zW09	INT	4	(IBM name: SMF70W09) Count of times wait users was 26 - 30.
zW10	INT	4	(IBM name: SMF70W10) Count of times wait users was 31 - 35.
zW11	INT	4	(IBM name: SMF70W11) Count of times wait users was 36 OR more.
zBMN	INT	2	(IBM name: SMF70BMN) Batch users minimum over interval.
zBMM	INT	2	(IBM name: SMF70BMM) Batch users maximum over interval.
zBTT	INT	4	(IBM name: SMF70BTT) Batch users total value over interval.
zB00	INT	4	(IBM name: SMF70B00) Count of times batch users was zero.
zB01	INT	4	(IBM name: SMF70B01) Count of times batch users was 1 OR 2.
zB02	INT	4	(IBM name: SMF70B02) Count of times batch users was 3 OR 4.
zB03	INT	4	(IBM name: SMF70B03) Count of times batch users was 5 OR 6.
zB04	INT	4	(IBM name: SMF70B04) Count of times batch users was 7 OR 8.
zB05	INT	4	(IBM name: SMF70B05) Count of times batch users was 9 OR 10
zB06	INT	4	(IBM name: SMF70B06) Count of times batch users was 11 - 15.
zB07	INT	4	(IBM name: SMF70B07) Count of times batch users was 16 - 20.
zB08	INT	4	(IBM name: SMF70B08) Count of times batch users was 21 - 25.
zB09	INT	4	(IBM name: SMF70B09) Count of times batch users was 26 - 30.
zB10	INT	4	(IBM name: SMF70B10) Count of times batch users was 31 - 35.
zB11	INT	4	(IBM name: SMF70B11) Count of times batch users was 36 OR more.
zSMN	INT	2	(IBM name: SMF70SMN) Started users minimum over interval.
zSMM	INT	2	(IBM name: SMF70SMM) Started users maximum over interval.
zSTT	INT	4	(IBM name: SMF70STT) Started users total value over interval.
zS00	INT	4	(IBM name: SMF70S00) Count of times users was zero.
zS01	INT	4	(IBM name: SMF70S01) Count of times users was 1 OR 2.
zS02	INT	4	(IBM name: SMF70S02) Count of times users was 3 OR 4.

zS03	INT	4	(IBM name: SMF70S03) Count of times users was 5 0R 6.
zS04	INT	4	(IBM name: SMF70S04) Count of times users was 7 0R 8.
zS05	INT	4	(IBM name: SMF70S05) Count of times users was 9 0R 10.
zS06	INT	4	(IBM name: SMF70S06) Count of times users was 11 - 15.
zS07	INT	4	(IBM name: SMF70S07) Count of times users was 16 - 20.
zS08	INT	4	(IBM name: SMF70S08) Count of times users was 21 - 25.
zS09	INT	4	(IBM name: SMF70S09) Count of times users was 26 - 30.
zS10	INT	4	(IBM name: SMF70S10) Count of times users was 31 - 35.
zS11	INT	4	(IBM name: SMF70S11) Count of times users was 36 0R more.
zTMN	INT	2	(IBM name: SMF70TMN) TSO/E users minimum over interval.
zTMM	INT	2	(IBM name: SMF70TMM) TSO/E users maximum over interval.
zTTT	INT	4	(IBM name: SMF70TTT) TSO/E users total value over interval.
zT00	INT	4	(IBM name: SMF70T00) Count of times TSO/E users was zero.
zT01	INT	4	(IBM name: SMF70T01) Count of times TSO/E users was 1 0R 2.
zT02	INT	4	(IBM name: SMF70T02) Count of times TSO/E users was 3 0R 4.
zT03	INT	4	(IBM name: SMF70T03) Count of times TSO/E users was 5 0R 6.
zT04	INT	4	(IBM name: SMF70T04) Count of times TSO/E users was 7 0R 8.
zT05	INT	4	(IBM name: SMF70T05) Count of times TSO/E users was 9 0R 10.
zT06	INT	4	(IBM name: SMF70T06) Count of times TSO/E users was 11 - 15.
zT07	INT	4	(IBM name: SMF70T07) Count of times TSO/E users was 16 - 20.
zT08	INT	4	(IBM name: SMF70T08) Count of times TSO/E users was 21 - 25.
zT09	INT	4	(IBM name: SMF70T09) Count of times TSO/E users was 26 - 30.
zT10	INT	4	(IBM name: SMF70T10) Count of times TSO/E users was 31 - 35.
zT11	INT	4	(IBM name: SMF70T11) Count of times TSO/E users was 36 0R more.
zLMN	INT	2	(IBM name: SMF70LMN) Logical ready users minimum over interval.
zLMM	INT	2	(IBM name: SMF70LMM) Logical ready users maximum over interval.
zLTT	INT	4	(IBM name: SMF70LTT) Logical ready users total value over interval.
zL00	INT	4	(IBM name: SMF70L00) Count of times the number of logical ready users was zero.

zL01	INT	4	(IBM name: SMF70L01) Count of times the number of logical ready users was 1 OR 2.
zL02	INT	4	(IBM name: SMF70L02) Count of times the number of logical ready users was 3 OR 4.
zL03	INT	4	(IBM name: SMF70L03) Count of times the number of logical ready users was 5 OR 6.
zL04	INT	4	(IBM name: SMF70L04) Count of times the number of logical ready users was 7 OR 8.
zL05	INT	4	(IBM name: SMF70L05) Count of times the number of logical ready users was 9 OR 10.
zL06	INT	4	(IBM name: SMF70L06) Count of times the number of logical ready users was 11 15.
zL07	INT	4	(IBM name: SMF70L07) Count of times the number of logical ready users was 16 20.
zL08	INT	4	(IBM name: SMF70L08) Count of times the number of logical ready users was 21 25.
zL09	INT	4	(IBM name: SMF70L09) Count of times the number of logical ready users was 26 30.
zL10	INT	4	(IBM name: SMF70L10) Count of times the number of logical ready users was 31 35.
zL11	INT	4	(IBM name: SMF70L11) Count of times the number of logical ready users was 36 OR more.
zAMN	INT	2	(IBM name: SMF70AMN) Logical wait users minimum over interval.
zAMM	INT	2	(IBM name: SMF70AMM) Logical wait users maximum over interval.
zATT	INT	4	(IBM name: SMF70ATT) Logical wait users total value over interval.
zA00	INT	4	(IBM name: SMF70A00) Count of times the number of logical wait users was zero.
zA01	INT	4	(IBM name: SMF70A01) Count of times the number of logical wait users was 1 OR 2.
zA02	INT	4	(IBM name: SMF70A02) Count of times the number of logical wait users was 3 OR 4.
zA03	INT	4	(IBM name: SMF70A03) Count of times the number of logical wait users was 5 OR 6.
zA04	INT	4	(IBM name: SMF70A04) Count of times the number of logical wait users was 7 OR 8.
zA05	INT	4	(IBM name: SMF70A05) Count of times the number of logical wait users was 9 OR 10.
zA06	INT	4	(IBM name: SMF70A06) Count of times the number of logical wait users was 11 - 15.
zA07	INT	4	(IBM name: SMF70A07) Count of times the number of logical wait users was 16 - 20.
zA08	INT	4	(IBM name: SMF70A08) Count of times the number of logical wait users was 21 - 25.
zA09	INT	4	(IBM name: SMF70A09) Count of times the number of logical wait users was 26 - 30.
zA10	INT	4	(IBM name: SMF70A10) Count of times the number of logical wait users was 31 - 35.
zA11	INT	4	(IBM name: SMF70A11) Count of times the number of logical wait users was 36 OR more.
zPMN	INT	2	(IBM name: SMF70PMN) Minimum number of ASCH address spaces. An ASCH address space is scheduled by the APPC/MVS transaction scheduler.
zPMM	INT	2	

			(IBM name: SMF70PMM) Maximum number of ASCH address spaces.
zPTT	INT	4	(IBM name: SMF70PTT) Total number of ASCH address spaces.
zP00	INT	4	(IBM name: SMF70P00) Number of times when 0 ASCH address spaces were found.
zP01	INT	4	(IBM name: SMF70P01) Number of times when 1 - 2 ASCH address spaces were found.
zP02	INT	4	(IBM name: SMF70P02) Number of times when 3 - 4 ASCH address spaces were found.
zP03	INT	4	(IBM name: SMF70P03) Number of times when 5 - 6 ASCH address spaces were found.
zP04	INT	4	(IBM name: SMF70P04) Number of times when 7 - 8 ASCH address spaces were found.
zP05	INT	4	(IBM name: SMF70P05) Number of times when 9 - 10 ASCH address spaces were found.
zP06	INT	4	(IBM name: SMF70P06) Number of times when 11 - 15 ASCH address spaces were found. 556 22A SMF70P07 4 BINARY Number of times when 16 - 20 ASCH address spaces were found.
zP08	INT	4	(IBM name: SMF70P08) Number of times when 21 - 25 ASCH address spaces were found.
zP09	INT	4	(IBM name: SMF70P09) Number of times when 26 - 30 ASCH address spaces were found.
zP10	INT	4	(IBM name: SMF70P10) Number of times when 31 - 35 ASCH address spaces were found. 572 23A SMF70P11 4 BINARY Number of times when 36 0R more ASCH address spaces were found.
zXMN	INT	2	(IBM name: SMF70XMN) Minimum number of OMVS address spaces.
zXMM	INT	2	(IBM name: SMF70XMM) Maximum number of OMVS address spaces.
zXTT	INT	4	(IBM name: SMF70XTT) Total number of OMVS address spaces.
zX00	INT	4	(IBM name: SMF70X00) Number of times when zero OMVS address spaces were found.
zX01	INT	4	(IBM name: SMF70X01) Number of times when 1 - 2 OMVS address spaces were found.
zX02	INT	4	(IBM name: SMF70X02) Number of times when 3 - 4 OMVS address spaces were found.
zX03	INT	4	(IBM name: SMF70X03) Number of times when 5 - 6 OMVS address spaces were found.
zX04	INT	4	(IBM name: SMF70X04) Number of times when 7 - 8 OMVS address spaces were found.
zX05	INT	4	(IBM name: SMF70X05) Number of times when 9 - 10 OMVS address spaces were found.
zX06	INT	4	(IBM name: SMF70X06) Number of times when 11 - 15 OMVS address spaces were found.
zX07	INT	4	(IBM name: SMF70X07) Number of times when 16 - 20 OMVS address spaces were found.
zX08	INT	4	(IBM name: SMF70X08) Number of times when 21 - 25 OMVS address spaces were found.
zX09	INT	4	(IBM name: SMF70X09) Number of times when 26 - 30 OMVS address spaces were found.
zX10	INT	4	(IBM name: SMF70X10) Number of times when 31 - 35 OMVS address spaces were found.
zX11	INT	4	

			(IBM name: SMF70X11) Number of times when 36 0R more OMVS address spaces were found. Fields SMF70Q00 to SMF70Q12 count the In Ready users based on the number N of logical processors being online when the sample was taken. With HiperDispatch mode active and an SMF record level SMF70SRL = X'55'(85), N is the number of logical processors being online and not parked when the sample was taken.
zQ00	INT	4	(IBM name: SMF70Q00) Count of times In Ready users was less or equal N.
zQ01	INT	4	(IBM name: SMF70Q01) Count of times In Ready users was N+1.
zQ02	INT	4	(IBM name: SMF70Q02) Count of times In Ready users was N+2.
zQ03	INT	4	(IBM name: SMF70Q03) Count of times In Ready users was N+3.
zQ04	INT	4	(IBM name: SMF70Q04) Count of times In Ready users was N+4 or N+5.
zQ05	INT	4	(IBM name: SMF70Q05) Count of times In Ready users was N+6 to N+10.
zQ06	INT	4	(IBM name: SMF70Q06) Count of times In Ready users was N+11 to N+15.
zQ07	INT	4	(IBM name: SMF70Q07) Count of times In Ready users was N+16 to N+20.
zQ08	INT	4	(IBM name: SMF70Q08) Count of times In Ready users was N+21 to N+30.
zQ09	INT	4	(IBM name: SMF70Q09) Count of times In Ready users was N+31 to N+40.
zQ10	INT	4	(IBM name: SMF70Q10) Count of times In Ready users was N+41 to N+60.
zQ11	INT	4	(IBM name: SMF70Q11) Count of times In Ready users was N+61 or N+80.
zQ12	INT	4	(IBM name: SMF70Q12) Count of times In Ready users was greater than N+80.
zSRM	INT	4	(IBM name: SMF70SRM) Number of samples taken by SRM
zCMN	INT	4	(IBM name: SMF70CMN) Minimum number of work units for general purpose processors over interval.
zCMM	INT	4	(IBM name: SMF70CMM) Maximum number of work units for general purpose processors over interval.
zCTT	INT	4	(IBM name: SMF70CTT) Total number of work units for general purpose processors over interval.
zDMN	INT	4	(IBM name: SMF70DMN) Minimum number of work units for zAAPs over interval.
zDMM	INT	4	(IBM name: SMF70DMM) Maximum number of work units for zAAPs over interval.
zDTT	INT	4	(IBM name: SMF70DTT) Total number of work units for zAAPs over interval.
zEMN	INT	4	(IBM name: SMF70EMN) Minimum number of work units for zIIPs over interval.
zEMM	INT	4	(IBM name: SMF70EMM) Maximum number of work units for zIIPs over interval.
zETT	INT	4	(IBM name: SMF70ETT) Total number of work units for zIIPs over interval. Fields SMF70U00 to SMF70U015 count the number of work units based on the number N of logical processors being online when the sample was taken. With HiperDispatch mode active, N is the number of logical processors being online and not parked when the sample was taken.

zU00	INT	4	(IBM name: SMF70U00) Count of times the number of work units was less or equal N.
zU01	INT	4	(IBM name: SMF70U01) Count of times the number of work units was N+1.
zU02	INT	4	(IBM name: SMF70U02) Count of times the number of work units was N+2.
zU03	INT	4	(IBM name: SMF70U03) Count of times the number of work units was N+3.
zU04	INT	4	(IBM name: SMF70U04) Count of times the number of work units was N+4 or N+5.
zU05	INT	4	(IBM name: SMF70U05) Count of times the number of work units was between N+6 and N+10.
zU06	INT	4	(IBM name: SMF70U06) Count of times the number of work units was between N+11 and N+15.
zU07	INT	4	(IBM name: SMF70U07) Count of times the number of work units was between N+16 and N+20.
zU08	INT	4	(IBM name: SMF70U08) Count of times the number of work units was between N+21 and N+30.
zU09	INT	4	(IBM name: SMF70U09) Count of times the number of work units was between N+31 and N+40.
zU10	INT	4	(IBM name: SMF70U10) Count of times the number of work units was between N+41 and N+60.
zU11	INT	4	(IBM name: SMF70U11) Count of times the number of work units was between N+61 and N+80.
zU12	INT	4	(IBM name: SMF70U12) Count of times the number of work units was between N+81 and N+100.
zU13	INT	4	(IBM name: SMF70U13) Count of times the number of work units was between N+101 and N+120.
zU14	INT	4	(IBM name: SMF70U14) Count of times the number of work units was between N+121 and N+150.
zU15	INT	4	(IBM name: SMF70U15) Count of times the number of work units was greater N+150.

Secondary segment: **SMF070#01_PRSM_Partition**

Field Name	Type	Len	Description
<i>SMF070#01_PRSM_Partition.<fieldname></i>			
zLPM	CHAR	8	(IBM name: SMF70LPM) Logical partition name.
zLPN	INT	1	(IBM name: SMF70LPN) Logical partition number.
zPFG	INT	1	(IBM name: SMF70PFG) Partition flags Bit Meaning when set 0 PARTITION has changed from activated to deactivated, or vice versa, during interval 1 NUMBER of logical processors in partition has changed 2 NUMBER of dedicated processors in partition has changed 3 NUMBER of shared processors in partition has changed 4 WLM LPAR management is active for this partition. 5 WAIT time field (SMF70WST) is defined. 6 DEFINED capacity limit has been changed. 7 RESERVED.
zBDN	INT	2	(IBM name: SMF70BDN) Number of logical CPUs assigned to this partition. This count matches the number of subsequent PR/SM Partition data sections. Starting with z900 processors, SMF70BDN has a different meaning if bit 4 OF SMF70INB is set. It then contains the maximum logical processors defined as shown at the HMC. Active logical processors have an online time SMF70ONT greater than zero.

zBDS	INT	4	(IBM name: SMF70BDS) The PR/SM logical processor data blocks for all partitions are grouped together in the record. PR/SM logical processor data blocks for a given partition are grouped together. To get to the first logical processor data block associated with this partition, skip over the number of logical processor data blocks specified by this field, starting at the first logical processor data block in the record.
zBDA	INT	4	(IBM name: SMF70BDA) Accumulated number of active logical processors at a WLM partition. This value is updated at each measurement cycle. It does not cover the logical processors for a non WLM managed partition. (A partition is WLM managed, if bit 4 0F SMF70PFG is set.) To get the average number of logical CPUs, this value has to be divided by the number of Diagnose samples (field SMF70DSA in the CPU control section).
zSPN	CHAR	8	(IBM name: SMF70SPN) LPAR cluster name. For z/OS, the LPAR cluster name is the sysplex name. For any other logical partition, the LPAR cluster name is the name provided in the HMC definition of this logical partition. Blank, if partition is not a cluster member.
zSTN	CHAR	8	(IBM name: SMF70STN) System name. Blank, if not provided or supported by the operating system in the logical partition.
zCSF	INT	4	(IBM name: SMF70CSF) Number of megabytes of central storage currently online to this partition.
zESF	INT	4	(IBM name: SMF70ESF) Number of megabytes of expanded storage currently online to this partition.
zMSU	INT	4	(IBM name: SMF70MSU) Defined capacity limit (in millions of service units).

SMF070#01_PRSM_Partition.zPFL.<fieldname>

zUPIValid	BIT	1	Content of zUPI is valid.
zGroup	BIT	1	Group flag. This partition is member of a capacity group.
zPolar	BIT	1	Polarization flag. This partition is vertically polarized. That is, HiperDispatch mode is active. The zPOW fields in the logical processor data section are valid for CPUs of this partition.
zIWeight	BIT	1	Initial weight instead of current weight should be used to project usage of the members in the capacity group.

SMF070#01_PRSM_Partition.<fieldname>

zUPI	INT	1	(IBM name: SMF70UPI) User partition ID. Valid if bit 0 0F SMF70PFL is set.
zMTID	INT	1	(IBM name: SMF70MTID) Maximum Thread Identification. A non-zero value indicates that PROCVIEW CORE is effective for this partition and the hardware supports multithreading.
zGNM	CHAR	8	(IBM name: SMF70GNM) Name of the capacity group to which this partition belongs. Valid if bit 1 0F SMF70PFL is set.
zGMU	INT	4	(IBM name: SMF70GMU) Maximum licensing units of a group. The maximum number of processor licensing units for the group of logical partitions of which this partition is a member, and which may be consumed per unit of time, on average. Valid if bit 1 0F SMF70PFL is set.
zHWGr_Name	CHAR	8	(IBM name: SMF70HWGr_Name) Name of the hardware group to which this partition belongs.

SMF070#01_PRSM_Partition.z_BoostInfo.<fieldname>

z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.

Secondary segment: SMF070#01_PRSM_Logical_Processor

Field Name	Type	Len	Description
<i>SMF070#01_PRSM_Logical_Processor.<fieldname></i>			
zPDT	TIME	4	(IBM name: SMF70PDT) Logical processor dispatch time, in seconds. This is the number of microseconds that were accumulated during the measurement interval (during which a physical CPU was assigned to this logical CPU). When associated with partition name PHYSICAL, this field contains the accumulated number of microseconds during which a physical CPU was busy, but the time could not be attributed to a specific logical partition. This time includes the time PR/SM was controlling the physical processor (LPAR management time), as well as any other time the processor was busy for any reason such as managing coupling facility traffic.
zVPA	INT	2	(IBM name: SMF70VPA) Logical processor address.
zBPS	INT	2	(IBM name: SMF70BPS) Partition processor resource weight factor. If the value is X'FFFF', then the partition has been assigned dedicated processors.
zVPF	INT	1	(IBM name: SMF70VPF) Logical processor flags Bit Meaning when set 0 WAIT completion is enabled 1 WAIT completion status has changed during interval 2 WEIGHT has changed during interval 3 'INITIAL Capping' was set to 'ON' on the Hardware Management Console 4 'INITIAL Capping' status has changed during the interval 5 LOGICAL processor varied online during the measurement interval 6 SMF70HW_CAP_LIMIT has changed during the interval 7 SMF70HWGR_NAME or SMF70HWGr_Cap_Limit has changed during the interval.
zPOF	INT	1	(IBM name: SMF70POF) Polarization flags Bit Meaning when set 0 - 1 Polarization indicator: 00 HORIZONTALLY polarized or polarization not indicated 01 VERTICALLY polarized with low entitlement 10 VERTICALLY polarized with medium entitlement 11 VERTICALLY polarized with high entitlement 2 POLARIZATION indication changed during interval 3-7 Reserved.
zCIX	INT	2	(IBM name: SMF70CIX) Index to the CPU-identification name section that contains the EBCDIC name corresponding to the CPU type of the logical processor. This field is zero if there is no information available.
zEDT	TIME	4	(IBM name: SMF70EDT) Logical processor effective dispatch time, in seconds. The number of microseconds that were accumulated during the measurement interval (excluding LPAR management time), during which a physical CPU was assigned to this logical CPU. When associated with partition name PHYSICAL, this field contains the accumulated number of microseconds during which a physical CPU was busy, but the time could not be attributed to a specific logical partition or to LPAR management of the physical processor. One example is time used for managing coupling facility traffic. This field is zero, if not supported by the hardware. LPAR management time is the time from SMF70PDT associated with partition name PHYSICAL minus the contents of this field.
zACS	INT	4	(IBM name: SMF70ACS) Accumulated processor actual share. To get the average processor actual share, this value has to be divided by the number of Diagnose samples (field SMF70DSA in the CPU control section).
zMIS	INT	2	(IBM name: SMF70MIS) Processor minimum share.
zMAS	INT	2	(IBM name: SMF70MAS) Processor maximum share.
zNSI	INT	4	(IBM name: SMF70NSI) Number of samples within 10% of the specified minimum.
zNSA	INT	4	(IBM name: SMF70NSA) Number of samples within 10% of the specified maximum.
zONT	TIME	4	(IBM name: SMF70ONT) Logical processor online time.

zWST	TIME	4	(IBM name: SMF70WST) Logical processor wait state time. SMF70WST is used only for internal purposes.
zPMA	INT	4	(IBM name: SMF70PMA) Average adjustment weight for pricing management. This value may be negative.
zNSW	INT	4	(IBM name: SMF70NSW) Number of diagnose samples where WLM considers to cap the set of logical CPUs of type SMF70CIX within the logical partition (see also SMF70NCA).
zPOW	INT	4	(IBM name: SMF70POW) Polarization weight for the logical CPU when HiperDispatch mode is active. See bit 2 OF SMF70PFL. Multiplied by a factor of 4096 FOR more granularity. The value may be the same or different for all shared CPUs of type SMF70CIX. This is an accumulated value. Divide by the number of Diagnose samples SMF70DSA to get average weight value for the interval.
zNCA	INT	4	(IBM name: SMF70NCA) Number of diagnose samples where capping actually limited the usage of processor resources for the set of logical CPUs of type SMF70CIX within the logical partition.
zHW_Cap_Limit	INT	4	(IBM name: SMF70HW_Cap_Limit) If not zero, absolute limit on partition usage of all CPUs of the type indicated in SMF70CIX in terms of a number specified in hundredths of a CPU. For example, a value of 250 INDICATES that the partition is limited to using 2.5 CPUs.
zHWGr_Cap_Limit	INT	4	(IBM name: SMF70HWGr_Cap_Limit) If not zero, absolute limit on partition usage of all CPUs of the type indicated in SMF70CIX that are members of the same hardware group, in terms of a number specified in hundredths of a CPU. For example, a value of 250 INDICATES that the hardware group is limited to using 2.5 CPUs.
zMTIT	TIME	4	(IBM name: SMF70MTIT) Multithreading Idle Time in seconds accumulated for all threads of a dispatched core. This field is only valid if SMF70MTID is not zero for this partition.

Secondary segment: SMF070#01_CPU_Id

Field Name	Type	Len	Description
SMF070#01_CPU_Id.<fieldname>			
zCIN	CHAR	16	(IBM name: SMF70CIN) CPU-identification name.
zCTN	INT	2	(IBM name: SMF70CTN) Number of physical CPUs of this type at interval end.
zCAN	INT	4	(IBM name: SMF70CAN) Accumulated number of physical CPUs. Divide by SMF70DSA to get the average number of physical CPUs of this type applicable during the interval.

Secondary segment: SMF070#01_Logical_Core

Field Name	Type	Len	Description
SMF070#01_Logical_Core.<fieldname>			
z_CORE_ID	INT	2	(IBM name: SMF70_CORE_ID) Core identification.
z_CORE_FLG	INT	1	(IBM name: SMF70_CORE_FLG) Logical Core Information Bit Meaning when set 0 CORE LPAR Busy time is valid. 1-7 Reserved.

z_CPU_SKIP	INT	2	(IBM name: SMF70_CPU_SKIP) The CPU data sections for this core are grouped together in the record. To get to the first CPU data section associated with this logical core, skip over the number of CPU data sections specified by this field, starting at the first CPU data section in the record.
z_CPU_NUM	INT	2	(IBM name: SMF70_CPU_NUM) Number of CPU data sections for this core. This value represents the number of threads that are active on this core.
z_PROD	INT	4	(IBM name: SMF70_PROD) Multithreading core productivity numerator. Divide this value by 1024 TO get the multithreading core productivity. A zero value is reported if the core was not configured ONLINE for the complete interval. If SMF70_CPU_NUM is greater than 1, the core productivity represents the percentage of how much work the core resources accomplished while dispatched to physical hardware over the maximum amount of work the core resources could have accomplished while dispatched to physical hardware.
z_LPAR_BUSY	INT	4	(IBM name: SMF70_LPAR_BUSY) Multithreading core LPAR Busy Time in milliseconds. This field is valid if bit 0 OF SMF70_CORE_FLG is set.

Secondary segment: SMF070#01_Tenant_Resource

Field Name	Type	Len	Description
<i>SMF070#01_Tenant_Resource.<fieldname></i>			
z_TRG_NAME	CHAR	8	(IBM name: SMF70_TRG_NAME) Tenant resource group name.
z_TRG_DESC	CHAR	32	(IBM name: SMF70_TRG_DESC) Tenant resource group description.
z_TRG_TNTID	CHAR	8	(IBM name: SMF70_TRG_TNTID) Tenant identifier.
z_TRG_TNTNAME	CHAR	32	(IBM name: SMF70_TRG_TNTNAME) Tenant name.
z_TRG_SBID	CHAR	64	(IBM name: SMF70_TRG_SBID) Solution ID.
z_TRG_SUCP	INT	8	(IBM name: SMF70_TRG_SUCP) Service units on CPs consumed by tenant resource group.
z_TRG_SUIFA	INT	8	(IBM name: SMF70_TRG_SUIFA) Service units on zAAPs consumed by tenant resource group.
z_TRG_SUSUP	INT	8	(IBM name: SMF70_TRG_SUSUP) Service units on zIIPs consumed by tenant resource group.
z_TRG_LAC	INT	4	(IBM name: SMF70_TRG_LAC) Long-term average service on general purpose processors in millions of service units per hour consumed by tenant resource group.
z_TRG_LAC_CBP	INT	4	(IBM name: SMF70_TRG_LAC_CBP) Reserved for future use.
z_TRG_FLAGS	INT	2	(IBM name: SMF70_TRG_FLAGS) Reserved for future use.
z_TRG_MEM	INT	8	(IBM name: SMF70_TRG_MEM) Memory consumption of tenant resource group in units of 4K frames.

Record Type 70 Subtype 2 - Cryptographic Hardware Activity

Primary Segment:

- SMF070#02_RMF_Processor_Crypto

Secondary Segment(s): 5 (in alphabetical order)

- SMF070#02_Accelerator
- SMF070#02_CCA_Coprocessor
- SMF070#02_ICSF_Services
- SMF070#02_Product
- SMF070#02_PKCS11_Coprocessor

Primary segment: SMF070#02_RMF_Processor_Crypto

Field Name	Type	Len	Description
SMF070#02_RMF_Processor_Crypto.<fieldname>			
SMF070#02_RMF_Processor_Crypto.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF70FLG) System indicator: Bit Meaning when set 0 New record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF70RTY) Record type 70 (X'46').
zTME	TSTMP	8	(IBM name: SMF70TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF70SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF70SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF70STY) Record SubType.
zTRN	INT	2	(IBM name: SMF70TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF70PRS) Offset to RMF product section from the RDW.
zPRL	INT	2	(IBM name: SMF70PRL) Length of RMF product section.
zPRN	INT	2	(IBM name: SMF70PRN) Number of RMF product sections. Individual header extension for SubType 1:
z23S	INT	4	(IBM name: SMF7023S) Offset to Cryptographic CCA Coprocessor data section.
z23L	INT	2	(IBM name: SMF7023L) Length of Cryptographic CCA Coprocessor data section.
z23N	INT	2	(IBM name: SMF7023N) Number of Cryptographic CCA Coprocessor data sections.
z24S	INT	4	(IBM name: SMF7024S) Offset to Cryptographic Accelerator data section.
z24L	INT	2	(IBM name: SMF7024L) Length of Cryptographic Accelerator data section.
z24N	INT	2	(IBM name: SMF7024N) Number of Cryptographic Accelerator data sections.

z2CS	INT	4	(IBM name: SMF702CS) Offset to ICSF Services data section.
z2CL	INT	2	(IBM name: SMF702CL) Length of ICSF Services data section.
z2CN	INT	2	(IBM name: SMF702CN) Number of ICSF Services data sections.
z25S	INT	4	(IBM name: SMF7025S) Offset to Cryptographic PKCS11 Coprocessor data section.
z25L	INT	2	(IBM name: SMF7025L) Length of Cryptographic PKCS11 Coprocessor data section.
z25N	INT	2	(IBM name: SMF7025N) Number of Cryptographic PKCS11 Coprocessor data sections.

Secondary segment: **SMF070#02_Product**

Field Name	Type	Len	Description
<i>SMF070#02_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF70MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF70PRD) Product name ('RMF').
zIST	TIME	4	(IBM name: SMF70IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF70DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF70INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF70SAM) Number of RMF samples.

SMF070#02_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
zIIPBoost	BIT	1	zIIP boost was active during entire interval.
zSpeedBoost	BIT	1	Speed boost was active during entire interval.
z_Boost_Class	BINT (ENUM)	3	

SMF070#02_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF70CYC) Sampling cycle length, in the form 000tttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF70MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF70IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF070#02_Product.zPRF.<fieldname>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF070#02_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF70PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF70SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF70IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF70LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF70RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF70RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF70RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF70OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF70SYN) SYNC value in seconds.
zGIE	TSTMP	8	(IBM name: SMF70GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF70XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF70SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF070#02_Product.Reassembly_Area.<fieldname>			
zRBR	INT	2	(IBM name: SMF70RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF70RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF70RIO) Offset to first reassembly information block relative to start of reassembly area header.

zRIL	INT	2	(IBM name: SMF70RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF70RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF070#02_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF70RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF70RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF070#02_CCA_Coprocessor**

Field Name	Type	Len	Description
<i>SMF070#02_CCA_Coprocessor.<fieldname></i>			
R7023AX	INT	1	Crypto processor index.
R7023CT	INT	1	Crypto processor type. 3=PCICC, 5=PCIXCC, 7=CEX2C, 9=CEX3C, 10=CEX4C, 11=CEX5C, 12=CEX6C, 13=CEX7C
R7023CTe	INT (ENUM)	1	Crypto processor type.
R7023MSK	INT	1	Validity bit mask. Each bit position represents the validity of a timer-counter pair that measures the execution time and number of operations on a cryptographic coprocessor card. Bit Meaning when set 0 VALID data for all operations 1 VALID data for RSA-key-generation operations 2-7 Reserved. Valid with SMF70SRL = X'61'(97).
R7023MT	INT	1	Reserved for diagnostic purposes.
R7023SF	FLOAT	8	Scaling factor for this cryptographic coprocessor. Execution times in this data section have to be multiplied by this scaling factor to achieve a value in seconds.
R7023T0	FLOAT	8	Execution time of all operations on the specified cryptographic coprocessor.
R7023C0	FLOAT	8	Number of all operations on the specified cryptographic coprocessor.
R7023C1	FLOAT	8	Number of all RSA-key-generation operations.
R7023SCOPE	INT	1	Specifies the scope of the cryptographic CCA coprocessor data section. Value Meaning 0=Data with CPC scope 1=Data with System scope
R7023SCOPEe	INT (ENUM)	1	Specifies the scope of the cryptographic CCA coprocessor data section.
R7023DID	INT	1	Domain ID

Secondary segment: **SMF070#02_Accelerator**

Field Name	Type	Len	Description
<i>SMF070#02_Accelerator.<fieldname></i>			

R7024AX	INT	1	Crypto processor index.
R7024CT	INT	1	Crypto processor type: Value Meaning 6=CEX2A 8=CEX3A 10=CEX4A 11=CEX5A 12=CEX6A 13=CEX7A
R7024CTe	INT (ENUM)	1	Crypto processor type.
R7024MSK	INT	1	Validity bit mask. Each bit position represents the validity of a timer-counter pair that measures the execution time and number of operations on a cryptographic accelerator card for a certain type of RSA operations. Bit Meaning when set 0 VALID data for 1024-bit ME-format RSA operations 1 VALID data for 2048-bit ME-format RSA operations 2 VALID data for 1024-bit CRT-format RSA operations 3 VALID data for 2048-bit CRT-format RSA operations 4 VALID data for 4096-bit ME-format RSA operations 5 VALID data for 4096-bit CRT-format RSA operations 6-7 Reserved Valid with SMF70SRL = X'5B'(91).
R7024MT	INT	1	Reserved for diagnostic purposes.
R7024EN	INT	4	Number of engines on the Crypto accelerator card. Specifies the number of valid entries in the R7024TC array.
R7024SF	FLOAT	8	Scaling factor for this cryptographic accelerator. Execution times in this data section have to be multiplied by this scaling factor to achieve a value in seconds. The following block of data (R7024TC) exists five times for up to five engines of a cryptographic accelerator. Unused blocks are allocated with values set to 0.
R7021MET	FLOAT	8	Execution time for all operations in 1024-bit-ME format.
R7021MEC	FLOAT	8	Number of all operations in 1024-bit-ME format.
R7022MET	FLOAT	8	Execution time for all operations in 2048-bit-ME format.
R7022MEC	FLOAT	8	Number of all operations in 2048-bit-ME format.
R7021CRT	FLOAT	8	Execution time for all operations in 1024-bit-CRT format.
R7021CRC	FLOAT	8	Number of all operations in 1024-bit-CRT format.
R7022CRT	FLOAT	8	Execution time for all operations in 2048-bit-CRT format.
R7022CRC	FLOAT	8	Number of all operations in 2048-bit-CRT format. End of five instances of the R7024TC data block.
R7023MET	FLOAT	8	Execution time for all operations in 4096-bit ME-format.
R7023MEC	FLOAT	8	Number of all operations in 4096-bit ME-format.
R7023CRT	FLOAT	8	Execution time for all operations in 4096-bit CRT-format.
R7023CRC	FLOAT	8	Number of all operations in 4096-bit CRT-format.
R7024SCOPE	INT	1	Specifies the scope of the cryptographic accelerator data section. Value Meaning 0=Data with CPC scope 1=Data with System scope
R7024SCOPEe	INT (ENUM)	1	Specifies the scope of the cryptographic accelerator data section.
R7024DID	INT	1	Domain ID

Secondary segment: **SMF070#02_ICSF_Services**

Field Name	Type	Len	Description
<i>SMF070#02_ICSF_Services.<fieldname></i>			
R702SNEC	FLOAT	8	Single DES: Number of calls to encipher the data.
R702SNEB	FLOAT	8	Single DES: Number of bytes of data enciphered.
R702SNEI	FLOAT	8	Single DES: Number of instructions used to encipher the data.
R702TNEC	FLOAT	8	Triple DES: Number of calls to encipher the data.
R702TNEB	FLOAT	8	Triple DES: Number of bytes of data enciphered.

R702TNEI	FLOAT	8	Triple DES: Number of instructions used to encipher the data.
R702SNDC	FLOAT	8	Single DES: Number of calls to decipher the data.
R702SNDB	FLOAT	8	Single DES: Number of bytes of data deciphered.
R702SNDI	FLOAT	8	Single DES: Number of instructions used to decipher the data.
R702TNDC	FLOAT	8	Triple DES: Number of calls to decipher the data.
R702TNDB	FLOAT	8	Triple DES: Number of bytes of data deciphered.
R702TNDI	FLOAT	8	Triple DES: Number of instructions used to decipher the data.
R702NMGC	FLOAT	8	Number of calls to generate the message authentication code (MAC).
R702NMGB	FLOAT	8	Number of bytes of data for which the MAC was generated.
R702NMGI	FLOAT	8	Number of PCMF instructions used to generate the MAC.
R702NMVC	FLOAT	8	Number of calls to verify the MAC.
R702NMVB	FLOAT	8	Number of bytes of data for which the MAC was verified.
R702NMVI	FLOAT	8	Number of PCMF instructions used to verify the MAC.
R702NHAC	FLOAT	8	For SHA-1 hashing: Number of calls to hash the data.
R702NHAB	FLOAT	8	For SHA-1 hashing: Number of bytes of data which was hashed.
R702NHAI	FLOAT	8	For SHA-1 hashing: Number of PCMF instructions used to hash the data.
R702NPTC	FLOAT	8	Number of calls to translate the PIN.
R702NPVC	FLOAT	8	Number of calls to verify the PIN.
R702NH2C	FLOAT	8	For SHA-224 and SHA-256 hashing: Number of calls to hash the data.
R702NH2B	FLOAT	8	For SHA-224 and SHA-256 hashing: Number of bytes of data which was hashed.
R702NH2I	FLOAT	8	For SHA-224 and SHA-256 hashing: Number of PCMF instructions used to hash the data.
R702NH5C	FLOAT	8	For SHA-384 and SHA-512 hashing: Number of calls to hash the data.
R702NH5B	FLOAT	8	For SHA-384 and SHA-512 hashing: Number of bytes of data which was hashed.
R702NH5I	FLOAT	8	For SHA-384 and SHA-512 hashing: Number of PCMF instructions used to hash the data.
R702CDLV	INT	4	ICSF data level. AES measurements. Fields are valid only if R702CDLV is greater than 11.
R702AESC	FLOAT	8	Number of AES encipher calls sent to a coprocessor.
R702AESB	FLOAT	8	Number of bytes processed by the AES encipher services handled by a coprocessor.
R702AESI	FLOAT	8	Number of operations required to complete the AES encipher service calls to a coprocessor.
R702ASDC	FLOAT	8	Number of AES decipher calls sent to a coprocessor.
R702ASDB	FLOAT	8	Number of bytes processed by the AES decipher services handled by a coprocessor.
R702ASDI	FLOAT	8	Number of operations required to complete the AES decipher service calls to a coprocessor. Digital Signatures measurements. Fields are valid only if R702CDLV is greater than 13.
R702DRGC	FLOAT	8	Number of calls to generate the RSA digital signatures.
R702DRVC	FLOAT	8	Number of calls to verify the RSA digital signatures.
R702DEGC	FLOAT	8	Number of calls to generate the ECC digital signatures.
R702DEVC	FLOAT	8	Number of calls to verify the ECC digital signatures.
R702AMGC	FLOAT	8	Number of calls to generate the AES MACs.
R702AMGB	FLOAT	8	Number of bytes of data for which the AES MACs were generated.

R702AMGI	FLOAT	8	Number of instructions used to generate the AES MACs.
R702AMVC	FLOAT	8	Number of calls to verify the AES MACs.
R702AMVB	FLOAT	8	Number of bytes of data for which the AES MACs were verified.
R702AMVI	FLOAT	8	Number of instructions used to verify the AES MACs. FPE measurements. Fields are valid only if R702CDLV is greater than 19
R702FPEC	FLOAT	8	Number of calls to encipher data using FPE.
R702FPEB	FLOAT	8	Number of bytes of data enciphered using FPE.
R702FPEI	FLOAT	8	Number of instructions used to encipher the data using FPE.
R702FPDC	FLOAT	8	Number of calls to decipher data using FPE.
R702FPDB	FLOAT	8	Number of bytes of data deciphered using FPE.
R702FPDI	FLOAT	8	Number of instructions used to decipher the data using FPE.
R702FPTC	FLOAT	8	Number of calls to translate data using FPE.
R702FPTB	FLOAT	8	Number of bytes of data translated using FPE.
R702FPTI	FLOAT	8	Number of instructions used to translate the data using FPE.
R702FXEC	FLOAT	8	(IBM name: R702FXEC) Number of calls to encipher data using FFX
R702FXEB	FLOAT	8	(IBM name: R702FXEB) Number of bytes of data enciphered using FFX
R702FXEI	FLOAT	8	(IBM name: R702FXEI) Number of instructions used to encipher the data using FFX
R702FXDC	FLOAT	8	(IBM name: R702FXDC) Number of calls to decipher data using FFX
R702FXDB	FLOAT	8	(IBM name: R702FXDB) Number of bytes of data deciphered using FFX
R702FXDI	FLOAT	8	(IBM name: R702FXDI) Number of instructions used to decipher the data using FFX
R702FXTC	FLOAT	8	(IBM name: R702FXTC) Number of calls to translate data using FFX
R702FXTB	FLOAT	8	(IBM name: R702FXTB) Number of bytes of data translated using FFX
R702FXTI	FLOAT	8	(IBM name: R702FXTI) Number of instructions used to translate the data using FFX
R702DQGC	FLOAT	8	(IBM name: R702DQGC) Number of calls to generate the QSA digital signatures.
R702DQVC	FLOAT	8	(IBM name: R702DQVC) Number of calls to verify the QSA digital signatures.

Secondary segment: SMF070#02_PKCS11_Coprocessor

Field Name	Type	Len	Description
SMF070#02_PKCS11_Coprocessor.<fieldname>			
R7025AX	INT	1	Crypto processor index.
R7025CT	INT	1	Crypto processor type: Value Meaning 10=CEX4P 11=CEX5P 12=CEX6P 13=CEX7P
R7025CTe	INT (ENUM)	1	Crypto processor type.
R7025MSK	INT	1	Validity bit mask. Each bit position represents the validity of a timer-counter pair that measures the execution time and number of operations by functions on a cryptographic PKCS11 coprocessor. Bit Meaning when set 0 VALID data for operations by slow asymmetric-key functions 1 VALID data

			for operations by fast asymmetric-key functions 2 VALID data for operations by symmetric-key functions (partial or incremental results) 3 VALID data for operations by symmetric-key functions (complete or final result) 4 VALID data for operations by asymmetric-key generation functions 5-7 Reserved
R7025MT	INT	1	Reserved for diagnostic purposes.
R7025SF	FLOAT	8	Scaling factor for this cryptographic PKCS11 coprocessor. Execution times in this data section have to be multiplied by this scaling factor to achieve a value in seconds.
R7025SAT	FLOAT	8	Aggregate execution time of operations by slow asymmetric-key functions.
R7025SAC	FLOAT	8	Number of operations by slow asymmetric-key functions.
R7025FAT	FLOAT	8	Aggregate execution time of operations by fast asymmetric-key functions.
R7025FAC	FLOAT	8	Number of operations by fast asymmetric-key functions.
R7025SPT	FLOAT	8	Aggregate execution time of operations by symmetric-key functions that return partial or incremental results.
R7025SPC	FLOAT	8	Number of operations by symmetric-key functions that return partial or incremental results.
R7025SCT	FLOAT	8	Aggregate execution time of operations by symmetric-key functions that return a complete or final result.
R7025SCC	FLOAT	8	Number of operations by symmetric-key functions that return a complete or final result.
R7025AGT	FLOAT	8	Aggregate execution time of operations by asymmetric-key generation function.
R7025AGC	FLOAT	8	Number of operations by asymmetric-key generation function.
R7025SCOPE	INT	1	Specifies the scope of the cryptographic PKCS11 coprocessor data section. Value Meaning 0=Data with CPC scope 1=Data with System scope
R7025SCOPEe	INT (ENUM)	1	Specifies the scope of the cryptographic PKCS11 coprocessor data section.
R7025DID	INT	1	Domain ID

Record Type 71 - RMF Paging Activity

SMF Record 71 (RMF Paging Activity) is mapped by structure member "T071".

Primary Segment:

- SMF071_RMF_Paging

Secondary Segment(s): 3 (in alphabetical order)

- SMF071_Paging
- SMF071_Product
- SMF071_Swap_Placement

Primary segment: SMF071_RMF_Paging

Field Name	Type	Len	Description
<i>SMF071_RMF_Paging.<fieldname></i>			
SMF071_RMF_Paging.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF71FLG) System indicator: Bit Meaning when set 0 New record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF71RTY) Record type 71 (X'47').
zTME	TSTMP	8	(IBM name: SMF71TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF71SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF71SSI) Subsystem identification ("RMF").
zSTY	INT	2	(IBM name: SMF71STY) Record SubType=1.
zTRN	INT	2	(IBM name: SMF71TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF71PRS) Offset to RMF product section.
zPRL	INT	2	(IBM name: SMF71PRL) Length of RMF product section.
zPRN	INT	2	(IBM name: SMF71PRN) Number of RMF product sections.
zPDS	INT	4	(IBM name: SMF71PDS) Offset to Paging data sections.
zPDL	INT	2	(IBM name: SMF71PDL) Length of Paging data section.
zPDN	INT	2	(IBM name: SMF71PDN) Number of Paging data section.
zSWS	INT	4	(IBM name: SMF71SWS) Offset to Swap Placement section.
zSWL	INT	2	(IBM name: SMF71SWL) Length of Swap Placement section.
zSWN	INT	2	(IBM name: SMF71SWN) Number of Swap Placement sections.

Secondary segment: **SMF071_Product**

Field Name	Type	Len	Description
<i>SMF071_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF71MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF71PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF71IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF71DAT) Date when the RMF measurement interval started, in the form 0ccyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF71INT) Duration of RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. The end of the measurement interval is the sum of the record start time (and this field).
zSAM	INT	4	(IBM name: SMF71SAM) Number of RMF samples.

<i>SMF071_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

<i>SMF071_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF71CYC) Sampling cycle length, in the form 000tttF, where ttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF71MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF71IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

<i>SMF071_Product.zPRF.<fieldname></i>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

<i>SMF071_Product.<fieldname></i>			
zPTN	INT	1	(IBM name: SMF71PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF71SRL) SMF record level change number (X'8E' for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.

zIET	HEX	8	(IBM name: SMF71IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF71LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF71RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF71RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF71RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF71RAO) and length (SMF71RAL) are only valid if SMF71RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF71OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF71SYN) SYNC value in seconds.
zGIE	TSTMP	8	(IBM name: SMF71GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF71XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF71SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF071_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF71RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF71RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF71RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF71RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF71RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF071_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF71RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF71RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF071_Paging

Field Name	Type	Len	Description
<i>SMF071_Paging.<fieldname></i>			
zPIN	INT	4	(IBM name: SMF71PIN) Number of non-VIO page-ins from auxiliary to central storage. This field includes page-ins required through page faults, specific page requests, and page fixes. It does not include page reclaims or page-ins for VIO data sets.
zPOT	INT	4	(IBM name: SMF71POT) Number of non-VIO page-outs from central to auxiliary storage. This field includes page-outs required through specific page requests as well as those pages stolen by the paging supervisor through infrequent use. It does not include page-outs for VIO data sets.
zSSQ	INT	4	(IBM name: SMF71SSQ) Number of address space swap sequences. (A swap sequence consists of an address space swap-out and swap-in.)
zSIN	INT	4	(IBM name: SMF71SIN) Number of pages swapped in. This field includes: LSQA, fixed pages, and those pages that the real storage manager determined to be active when the address space was swapped in. It does not include page reclaims.
zSOT	INT	4	(IBM name: SMF71SOT) Number of pages swapped out. This field includes: LSQA, private area fixed pages, and private area non-fixed changed pages.
zVIN	INT	4	(IBM name: SMF71VIN) Number of VIO page-ins from auxiliary to central storage. This field includes page-ins resulting from page faults or specific page requests on a VIO window. It does not include VIO swap-ins or page-ins for the common area.
zVOT	INT	4	(IBM name: SMF71VOT) Number of VIO page-outs from central to auxiliary storage. This field includes page-outs resulting from specific page requests on a VIO window as well as those pages stolen by the paging supervisor through infrequent use. It does not include VIO swap-outs or page-outs for the common area.
zSNI	INT	4	(IBM name: SMF71SNI) Number of non-VIO page-ins (from auxiliary to central storage) performed in common area (LPA/CSA).
zSNO	INT	4	(IBM name: SMF71SNO) Number of non-VIO page-outs (from central to auxiliary storage) performed in common area (LPA/CSA).
zLNI	INT	4	(IBM name: SMF71LNI) Number of non-VIO page-ins performed in LPA.
zAFC	INT	4	(IBM name: SMF71AFC) End-of-interval snapshot value of the number of unused central storage page frames.
zTFC	INT	4	(IBM name: SMF71TFC) Number of page frames defined in central storage. (This field does not include frames occupied by the nucleus, frames marked as bad or offline, or frames used by HSA or PR/SM.)
zTSC	INT	4	(IBM name: SMF71TSC) Total number of local page data set slots.
zDSC	INT	4	(IBM name: SMF71DSC) Number of local page data set slots allocated to VIO private area pages.
zVSC	INT	4	(IBM name: SMF71VSC) Number of local page data set slots allocated to non-VIO private area pages.
zNSC	INT	4	(IBM name: SMF71NSC) Number of usable local page data set slots that have not been allocated.
zFIN	INT	4	(IBM name: SMF71FIN) Number of central storage frames in nucleus.
zMNF	INT	4	(IBM name: SMF71MNF) Minimum number of unused central storage page frames.
zMXF	INT	4	

			(IBM name: SMF71MXF) Maximum number of unused central storage page frames.
zAVF	INT	4	(IBM name: SMF71AVF) Average number of unused central storage page frames.
zMNP	INT	4	(IBM name: SMF71MNP) Minimum number of CSA central storage frames used including restricted use common service area (RUCSA).
zMXP	INT	4	(IBM name: SMF71MXP) Maximum number of CSA central storage frames used including restricted use common service area (RUCSA).
zAVP	INT	4	(IBM name: SMF71AVP) Average number of CSA central storage frames used including restricted use common service area (RUCSA).
zMNS	INT	4	(IBM name: SMF71MNS) Minimum number of pageable address space central storage frames in the private address space.
zMXS	INT	4	(IBM name: SMF71MXS) Maximum number of pageable address space central storage frames in the private address space.
zAVS	INT	4	(IBM name: SMF71AVS) Average number of pageable address space central storage frames in the private address space.
zMNT	INT	4	(IBM name: SMF71MNT) Minimum total number of central storage frames used.
zMXT	INT	4	(IBM name: SMF71MXT) Maximum total number of central storage frames used.
zAVT	INT	4	(IBM name: SMF71AVT) Average total number of central storage frames used.
zMNQ	INT	4	(IBM name: SMF71MNQ) Minimum number of SQA fixed frames in central storage.
zMXQ	INT	4	(IBM name: SMF71MXQ) Maximum number of SQA fixed frames in central storage.
zAVQ	INT	4	(IBM name: SMF71AVQ) Average number of SQA fixed frames in central storage.
zMNC	INT	4	(IBM name: SMF71MNC) Minimum number of CSA fixed frames in central storage including restricted use common service area (RUCSA).
zMXC	INT	4	(IBM name: SMF71MXC) Maximum number of CSA fixed frames in central storage including restricted use common service area (RUCSA).
zAVC	INT	4	(IBM name: SMF71AVC) Average number of CSA fixed frames in central storage including restricted use common service area (RUCSA).
zMNR	INT	4	(IBM name: SMF71MNR) Minimum number of non-LSQA fixed central storage frames in the private address space.
zMXR	INT	4	(IBM name: SMF71MXR) Maximum number of non-LSQA fixed central storage frames in the private address space.
zAVR	INT	4	(IBM name: SMF71AVR) Average number of non-LSQA fixed central storage frames in the private address space.
zMNX	INT	4	(IBM name: SMF71MNX) Minimum total number of fixed central storage frames used.
zMXX	INT	4	(IBM name: SMF71MXX) Maximum total number of fixed central storage frames used.
zAVX	INT	4	(IBM name: SMF71AVX) Average total number of fixed central storage frames used.
zMNU	INT	4	

			(IBM name: SMF71MNU) Minimum number of usable local page data set slots that have not been allocated.
zMXU	INT	4	(IBM name: SMF71MXU) Maximum number of usable local page data set slots that have not been allocated.
zAVU	INT	4	(IBM name: SMF71AVU) Average number of usable local page data set slots that have not been allocated.
zMNV	INT	4	(IBM name: SMF71MNV) Minimum number of local page data set slots allocated to VIO private area pages.
zMXV	INT	4	(IBM name: SMF71MXV) Maximum number of local page data set slots allocated to VIO private area pages.
zAVV	INT	4	(IBM name: SMF71AVV) Average number of local page data set slots allocated to VIO private area pages.
zMNM	INT	4	(IBM name: SMF71MNM) Minimum number of local page data set slots allocated to non-VIO private area pages.
zMXM	INT	4	(IBM name: SMF71MXM) Maximum number of local page data set slots allocated to non-VIO private area pages.
zAVM	INT	4	(IBM name: SMF71AVM) Average number of local page data set slots allocated to non-VIO private area pages.
zMNB	INT	4	(IBM name: SMF71MNB) Minimum number of unusable local page data set slots.
zMXB	INT	4	(IBM name: SMF71MXB) Maximum number of unusable local page data set slots.
zAVB	INT	4	(IBM name: SMF71AVB) Average number of unusable local page data set slots.
zMNA	INT	4	(IBM name: SMF71MNA) Minimum total number of local page data set slots.
zMXA	INT	4	(IBM name: SMF71MXA) Maximum total number of local page data set slots.
zIS1	INT	2	(IBM name: SMF71IS1) Number of samples skipped due to invalid fixed frame counts. Fields affected are SMF71MNC, MXC, AVC, MNR, MXR and AVR.
zIS2	INT	2	(IBM name: SMF71IS2) Number of incorrect samples resulting from negative calculations. Fields affected are the same as SMF71IS1.
zNLP	INT	4	(IBM name: SMF71NLP) Minimum number of LPA frames in central storage.
zXLP	INT	4	(IBM name: SMF71XLP) Maximum number of LPA frames in central storage.
zALP	INT	4	(IBM name: SMF71ALP) Average number of LPA frames in central storage.
zNLF	INT	4	(IBM name: SMF71NLF) Minimum number of LPA fixed frames in central storage.
zXLF	INT	4	(IBM name: SMF71XLF) Maximum number of LPA fixed frames in central storage.
zALF	INT	4	(IBM name: SMF71ALF) Average number of LPA fixed frames in central storage.
zNLS	INT	4	(IBM name: SMF71NLS) Minimum number of LSQA fixed frames in central storage.
zXLS	INT	4	(IBM name: SMF71XLS) Maximum number of LSQA fixed frames in central storage.

zALS	INT	4	(IBM name: SMF71ALS) Average number of LSQA fixed frames in central storage.
zMNL	INT	4	(IBM name: SMF71MNL) Minimum number of fixed frames in central storage (less than 16 MEGABYTES).
zMXL	INT	4	(IBM name: SMF71MXL) Maximum number of fixed frames in central storage (less than 16 MEGABYTES).
zAVL	INT	4	(IBM name: SMF71AVL) Average number of fixed frames in central storage (less than 16 MEGABYTES).
zPMV	INT	4	(IBM name: SMF71PMV) Total number of pages moved within central storage.
zOPT	CHAR	8	(IBM name: SMF71OPT) SRM opt member name.
zLIC	INT	4	(IBM name: SMF71LIC) Minimum high UIC. A value from 0 TO 2540 THAT indicates the age (in seconds) of the oldest unreferenced frame in central storage.
zHIC	INT	4	(IBM name: SMF71HIC) Maximum high UIC. A value from 0 TO 2540 THAT indicates the age (in seconds) of the oldest unreferenced frame in central storage.
zACA	INT	4	(IBM name: SMF71ACA) Average high UIC (scale factor= -1). Scale factor -1 means the field has been multiplied by 10 TO give a result in tenths and must be multiplied by 10 -1 to get the correct value.
zMSR	INT	4	(IBM name: SMF71MSR) Minimum number SQA pages in central storage.
zXSR	INT	4	(IBM name: SMF71XSR) Maximum number SQA pages in central storage.
zASR	INT	4	(IBM name: SMF71ASR) Average number of SQA pages in central storage.
zMLR	INT	4	(IBM name: SMF71MLR) Minimum number of LSQA pages in central storage.
zXLR	INT	4	(IBM name: SMF71XLR) Maximum number of LSQA pages in central storage.
zALR	INT	4	(IBM name: SMF71ALR) Average number of LSQA pages in central storage.
zISC	INT	4	(IBM name: SMF71ISC) Number of incorrect samples returned from collector service.
zHOT	INT	4	(IBM name: SMF71HOT) Number of hiperspace page-outs from central to auxiliary storage.
zHIN	INT	4	(IBM name: SMF71HIN) Number of hiperspace page-ins from auxiliary to central storage.
zBLP	INT	4	(IBM name: SMF71BLP) Number of blocked pages paged in (this does not include VIO or hiperspace pages).
zBLK	INT	4	(IBM name: SMF71BLK) Number of blocks paged in.
zPMT	INT	8	(IBM name: SMF71PMT) Steal timer - the elapsed time spent in a preferred steal in CPU-timer units. The interval of CPU time needed to steal the page includes the time to move the contents of the stolen page and any time spent in frame steal processing of any type. Some examples of the types of steal routines whose CPU time get included in SMF71PMT are non-preferred above, non-preferred below, preferred above, preferred below, storage buffer frame queue, bottom double frame queue, and V=R waiting frame. No matter what type of steal processing occurs, the steal module records it all, and it gets included in this field. Note that SMF71PMT does not include the time to move the new contents into the page.
zSBI	INT	4	(IBM name: SMF71SBI) Number of system pageable areas block page ins.

zLBI	INT	4	(IBM name: SMF71LBI) Number of LPA block page ins.
zASI	FLOAT	8	(IBM name: SMF71ASI) Number of page-ins from auxiliary storage for shared pages.
zASO	FLOAT	8	(IBM name: SMF71ASO) Number of page-outs to auxiliary storage for shared pages.
zMGT	FLOAT	8	(IBM name: SMF71MGT) Minimum number of shared pages in the system.
zXGT	FLOAT	8	(IBM name: SMF71XGT) Maximum number of shared pages in the system.
zAGT	FLOAT	8	(IBM name: SMF71AGT) Average number of shared pages in the system.
zMGC	FLOAT	8	(IBM name: SMF71MGC) Minimum number of shared pages in the central storage.
zXGC	FLOAT	8	(IBM name: SMF71XGC) Maximum number of shared pages in the central storage.
zAGC	FLOAT	8	(IBM name: SMF71AGC) Average number of shared pages in the central storage.
zMGA	FLOAT	8	(IBM name: SMF71MGA) Minimum number of auxiliary slots in use for shared page groups.
zXGA	FLOAT	8	(IBM name: SMF71XGA) Maximum number of auxiliary slots in use for shared page groups.
zAGA	FLOAT	8	(IBM name: SMF71AGA) Average number of auxiliary slots in use for shared page groups.
zMGF	FLOAT	8	(IBM name: SMF71MGF) Minimum number of shared pages fixed in the system.
zXGF	FLOAT	8	(IBM name: SMF71XGF) Maximum number of shared pages fixed in the system.
zAGF	FLOAT	8	(IBM name: SMF71AGF) Average number of shared pages fixed in the system.
zMGB	FLOAT	8	(IBM name: SMF71MGB) Minimum number of shared pages fixed below 16 MB in the system.
zXGB	FLOAT	8	(IBM name: SMF71XGB) Maximum number of shared pages fixed below 16 MB in the system.
zAGB	FLOAT	8	(IBM name: SMF71AGB) Average number of shared pages fixed below 16 MB in the system.
zCAM	FLOAT	8	(IBM name: SMF71CAM) Minimum number of available central storage frames.
zCAX	FLOAT	8	(IBM name: SMF71CAX) Maximum number of available central storage frames.
zCAA	FLOAT	8	(IBM name: SMF71CAA) Average number of available central storage frames.
zCLM	FLOAT	8	(IBM name: SMF71CLM) Minimum number of low-impact central storage frames.
zCLX	FLOAT	8	(IBM name: SMF71CLX) Maximum number of low-impact central storage frames.
zCLA	FLOAT	8	(IBM name: SMF71CLA) Average number of low-impact central storage frames.
zCMM	FLOAT	8	(IBM name: SMF71CMM) Minimum number of medium-impact central storage frames.
zCMX	FLOAT	8	(IBM name: SMF71CMX) Maximum number of medium-impact central storage frames.
zCMA	FLOAT	8	(IBM name: SMF71CMA) Average number of medium-impact central storage frames.
zCHM	FLOAT	8	(IBM name: SMF71CHM) Minimum number of high-impact central storage frames.

zCHX	FLOAT	8	(IBM name: SMF71CHX) Maximum number of high-impact central storage frames.
zCHA	FLOAT	8	(IBM name: SMF71CHA) Average number of high-impact central storage frames.
zMVI	FLOAT	8	(IBM name: SMF71MVI) Minimum number of VIO pages in central storage.
zXVI	FLOAT	8	(IBM name: SMF71XVI) Maximum number of VIO pages in central storage.
zAVI	FLOAT	8	(IBM name: SMF71AVI) Average number of VIO pages in central storage.
zMHI	FLOAT	8	(IBM name: SMF71MHI) Minimum number of hiperspace pages in central storage.
zXHI	FLOAT	8	(IBM name: SMF71XHI) Maximum number of hiperspace pages in central storage.
zAHI	FLOAT	8	(IBM name: SMF71AHI) Average number of hiperspace pages in central storage.
zVWS	FLOAT	8	(IBM name: SMF71VWS) Number of VIO pages written to central storage.
zVRS	FLOAT	8	(IBM name: SMF71VRS) Number of VIO pages read from central storage.
zHWS	FLOAT	8	(IBM name: SMF71HWS) Number of hiperspace pages written to central storage.
zHRS	FLOAT	8	(IBM name: SMF71HRS) Number of hiperspace pages read from central storage.
zMFB	FLOAT	8	(IBM name: SMF71MFB) Minimum number of pages fixed between 16M and 2G.
zXFB	FLOAT	8	(IBM name: SMF71XFB) Maximum number of pages fixed between 16M and 2G.
zAFB	FLOAT	8	(IBM name: SMF71AFB) Average number of pages fixed between 16M and 2G.
zPTH	FLOAT	8	(IBM name: SMF71PTH) Average number of pages in the system use by shared memory objects.
zPCH	FLOAT	8	(IBM name: SMF71PCH) Average number of shared pages in central storage (with virtual storage address above the bar including high virtual DAT).
zPAH	FLOAT	8	(IBM name: SMF71PAH) Average number of shared pages in auxiliary storage (with virtual storage address above the bar).
zBLG	FLOAT	8	(IBM name: SMF71BLG) Maximum number of shared bytes from large virtual memory in a memory object for the entire system.
zPIH	FLOAT	8	(IBM name: SMF71PIH) Number of page-ins from auxiliary storage for shared pages.
zPOH	FLOAT	8	(IBM name: SMF71POH) Number of page-outs to auxiliary storage for shared pages (with virtual storage address above the bar).
zULM	INT	4	(IBM name: SMF71ULM) Lowest minimum system UIC during the interval (from MCTMinSystemUIC).
zULC	INT	4	(IBM name: SMF71ULC) Lowest current system UIC during the interval (from MCTCurSystemUIC).
zUHC	INT	4	(IBM name: SMF71UHC) Highest current system UIC during the interval (from MCTCurSystemUIC).
zUHX	INT	4	(IBM name: SMF71UHX) Highest maximum system UIC during the interval (from MCTMaxSystemUIC).
zUAM	INT	4	(IBM name: SMF71UAM) Average minimum system UIC during the interval (from

			MCTMinSystemUIC).
zUAC	INT	4	(IBM name: SMF71UAC) Average current system UIC during the interval (from MCTCurSystemUIC).
zUAX	INT	4	(IBM name: SMF71UAX) Average maximum system UIC during the interval (from MCTMaxSystemUIC).
zLOM	FLOAT	8	(IBM name: SMF71LOM) Minimum number of fixed memory objects that are allocated in the system and can be backed in 1 MB frames.
zLOX	FLOAT	8	(IBM name: SMF71LOX) Maximum number of fixed memory objects that are allocated in the system and can be backed in 1 MB frames.
zLOA	FLOAT	8	(IBM name: SMF71LOA) Average number of fixed memory objects that are allocated in the system and can be backed in 1 MB frames.
zLRM	FLOAT	8	(IBM name: SMF71LRM) Minimum number of 1 MB pages fixed in central storage.
zLRX	FLOAT	8	(IBM name: SMF71LRX) Maximum number of 1 MB pages fixed in central storage.
zLRA	FLOAT	8	(IBM name: SMF71LRA) Average number of 1 MB pages fixed in central storage.
zCOM	FLOAT	8	(IBM name: SMF71COM) Minimum number of memory objects allocated in the high virtual common storage of the system.
zCOX	FLOAT	8	(IBM name: SMF71COX) Maximum number of memory objects allocated in the high virtual common storage of the system.
zCOA	FLOAT	8	(IBM name: SMF71COA) Average number of memory objects allocated in the high virtual common storage of the system.
zCRM	FLOAT	8	(IBM name: SMF71CRM) Minimum number of pages from high virtual common storage that are backed in central storage (in units of 4 KB).
zCRX	FLOAT	8	(IBM name: SMF71CRX) Maximum number of pages from high virtual common storage that are backed in central storage (in units of 4 KB).
zCRA	FLOAT	8	(IBM name: SMF71CRA) Average number of pages from high virtual common storage that are backed in central storage (in units of 4 KB).
zCFM	FLOAT	8	(IBM name: SMF71CFM) Minimum number of fixed pages from high virtual common storage that are backed in central storage (in units of 4 KB).
zCFX	FLOAT	8	(IBM name: SMF71CFX) Maximum number of fixed pages from high virtual common storage that are backed in central storage (in units of 4 KB).
zCFA	FLOAT	8	(IBM name: SMF71CFA) Average number of fixed pages from high virtual common storage that are backed in central storage (in units of 4 KB).
zCSM	FLOAT	8	(IBM name: SMF71CSM) Minimum number of auxiliary storage slots used for high virtual common pages that are backed on DASD.
zCSX	FLOAT	8	(IBM name: SMF71CSX) Maximum number of auxiliary storage slots used for high virtual common pages that are backed on DASD.
zCSA	FLOAT	8	(IBM name: SMF71CSA) Average number of auxiliary storage slots used for high virtual common pages that are backed on DASD.
zSOM	FLOAT	8	(IBM name: SMF71SOM) Minimum number of memory objects allocated in the high virtual shared storage of the system.

zSOX	FLOAT	8	(IBM name: SMF71SOX) Maximum number of memory objects allocated in the high virtual shared storage of the system.
zSOA	FLOAT	8	(IBM name: SMF71SOA) Average number of memory objects allocated in the high virtual shared storage of the system.
zSRM	FLOAT	8	(IBM name: SMF71SRM) Minimum number of pages from high virtual shared storage that are backed in central storage (in units of 4 KB).
zSRX	FLOAT	8	(IBM name: SMF71SRX) Maximum number of pages from high virtual shared storage that are backed in central storage (in units of 4 KB).
zSRA	FLOAT	8	(IBM name: SMF71SRA) Average number of pages from high virtual shared storage that are backed in central storage (in units of 4 KB).
zGRN	INT	4	(IBM name: SMF71GRN) Number of GETMAIN requests that have been issued.
zFBN	INT	4	(IBM name: SMF71FBN) Number of pages backed during GETMAIN requests that have been issued.
zFRN	INT	4	(IBM name: SMF71FRN) Number of fix requests that have been issued for storage (address spaces only) below 2 GB.
zFFN	INT	4	(IBM name: SMF71FFN) Number of pages that were requested to be fixed for storage (address spaces only) below 2 GB.
z1RN	INT	4	(IBM name: SMF711RN) Number of first reference faults taken.
zNRN	INT	4	(IBM name: SMF71NRN) Number of non-first reference faults taken.

SMF071_Paging.zRFL.<fieldname>

zSCM	BIT	1	SCM support enabled
zPAGEABLE	BIT	1	PAGEABLE large pages support enabled

SMF071_Paging.<fieldname>

zLFA	FLOAT	8	(IBM name: SMF71LFA) The maximum number of fixed 1 MB pages that can be allocated as specified in the LFAREA parameter.
zL1M	FLOAT	8	(IBM name: SMF71L1M) Lowest maximum number of 1 MB frames that can be used by fixed 1 MB pages.
zL1X	FLOAT	8	(IBM name: SMF71L1X) Highest maximum number of 1 MB frames that can be used by fixed 1 MB pages.
zL1A	FLOAT	8	(IBM name: SMF71L1A) Average maximum number of 1 MB frames that can be used by fixed 1 MB pages.
zL3M	FLOAT	8	(IBM name: SMF71L3M) Minimum number of 1 MB frames that are in-use and are no longer available for fixed 1 MB pages.
zL3X	FLOAT	8	(IBM name: SMF71L3X) Maximum number of 1 MB frames that are in-use and are no longer available for fixed 1 MB pages.
zL3A	FLOAT	8	(IBM name: SMF71L3A) Average number of 1 MB frames that are in-use and are no longer available for fixed 1 MB pages.
zL7M	FLOAT	8	(IBM name: SMF71L7M) Minimum number of available 1 MB frames that can be used by fixed 1 MB pages. Same as SMF71L2M.

zL7X	FLOAT	8	(IBM name: SMF71L7X) Maximum number of available 1 MB frames that can be used by fixed 1 MB pages. Same as SMF71L2X.
zL7A	FLOAT	8	(IBM name: SMF71L7A) Average number of available 1 MB frames that can be used by fixed 1 MB pages. Same as SMF71L2A.
zS1M	FLOAT	8	(IBM name: SMF71S1M) Minimum total number of high virtual shared memory pages (in units of 4 KB).
zS1X	FLOAT	8	(IBM name: SMF71S1X) Maximum total number of high virtual shared memory pages (in units of 4 KB).
zS1A	FLOAT	8	(IBM name: SMF71S1A) Average total number of high virtual shared memory pages (in units of 4 KB).
zS2M	FLOAT	8	(IBM name: SMF71S2M) Minimum number of shared memory objects that are allocated in the system and can be backed in 1 MB frames
zS2X	FLOAT	8	(IBM name: SMF71S2X) Maximum number of shared memory objects that are allocated in the system and can be backed in 1 MB frames
zS2A	FLOAT	8	(IBM name: SMF71S2A) Average number of shared memory objects that are allocated in the system and can be backed in 1 MB frames
zS3M	FLOAT	8	(IBM name: SMF71S3M) Minimum number of frames in use for shared high virtual 4K pages
zS3X	FLOAT	8	(IBM name: SMF71S3X) Maximum number of frames in use for shared high virtual 4K pages
zS3A	FLOAT	8	(IBM name: SMF71S3A) Average number of frames in use for shared high virtual 4K pages
zS4M	FLOAT	8	(IBM name: SMF71S4M) Minimum number of 1 MB pages used for shared memory objects backed in central storage
zS4X	FLOAT	8	(IBM name: SMF71S4X) Maximum number of 1 MB pages used for shared memory objects backed in central storage
zS4A	FLOAT	8	(IBM name: SMF71S4A) Average number of 1 MB pages used for shared memory objects backed in central storage
zS5M	FLOAT	8	(IBM name: SMF71S5M) Minimum number of auxiliary storage slots used for high virtual shared memory pages backed on DASD.
zS5X	FLOAT	8	(IBM name: SMF71S5X) Maximum number of auxiliary storage slots used for high virtual shared memory pages backed on DASD.
zS5A	FLOAT	8	(IBM name: SMF71S5A) Average number of auxiliary storage slots used for high virtual shared memory pages backed on DASD.
zS6M	FLOAT	8	(IBM name: SMF71S6M) Minimum number of high virtual shared memory pages backed on SCM storage.
zS6X	FLOAT	8	(IBM name: SMF71S6X) Maximum number of high virtual shared memory pages backed on SCM storage.
zS6A	FLOAT	8	(IBM name: SMF71S6A) Average number of high virtual shared memory pages backed on SCM storage.
zC1M	FLOAT	8	(IBM name: SMF71C1M) Minimum total number of high virtual common memory pages (in units of 4 KB).
zC1X	FLOAT	8	

			(IBM name: SMF71C1X) Maximum total number of high virtual common memory pages (in units of 4 KB).
zC1A	FLOAT	8	(IBM name: SMF71C1A) Average total number of high virtual common memory pages (in units of 4 KB).
zC2M	FLOAT	8	(IBM name: SMF71C2M) Minimum number of high virtual common memory 1 MB fixed pages
zC2X	FLOAT	8	(IBM name: SMF71C2X) Maximum number of high virtual common memory 1 MB fixed pages
zC2A	FLOAT	8	(IBM name: SMF71C2A) Average number of high virtual common memory 1 MB fixed pages
zC3M	FLOAT	8	(IBM name: SMF71C3M) Minimum number of high virtual common memory 1 MB pages backed in central storage
zC3X	FLOAT	8	(IBM name: SMF71C3X) Maximum number of high virtual common memory 1 MB pages backed in central storage
zC3A	FLOAT	8	(IBM name: SMF71C3A) Average number of high virtual common memory 1 MB pages backed in central storage
zC4M	FLOAT	8	(IBM name: SMF71C4M) Minimum number of high virtual common memory pages backed on SCM storage
zC4X	FLOAT	8	(IBM name: SMF71C4X) Maximum number of high virtual common memory pages backed on SCM storage.
zC4A	FLOAT	8	(IBM name: SMF71C4A) Average number of high virtual common memory pages backed on SCM storage.
zTSM	FLOAT	8	(IBM name: SMF71TSM) Minimum total number of 4K SCM blocks available to ASM.
zTSX	FLOAT	8	(IBM name: SMF71TSX) Maximum total number of 4K SCM blocks available to ASM.
zTSA	FLOAT	8	(IBM name: SMF71TSA) Average total number of 4K SCM blocks available to ASM.
zASM	FLOAT	8	(IBM name: SMF71ASM) Minimum number of available (not in-use) SCM blocks.
zASX	FLOAT	8	(IBM name: SMF71ASX) Maximum number of available (not in-use) SCM blocks.
zASV	FLOAT	8	(IBM name: SMF71ASV) Average number of available (not in-use) SCM blocks.
zBSM	FLOAT	8	(IBM name: SMF71BSM) Minimum number of bad SCM blocks.
zBSX	FLOAT	8	(IBM name: SMF71BSX) Maximum number of bad SCM blocks.
zBSA	FLOAT	8	(IBM name: SMF71BSA) Average number of bad SCM blocks.
zUSM	FLOAT	8	(IBM name: SMF71USM) Minimum number of SCM blocks in-use.
zUSX	FLOAT	8	(IBM name: SMF71USX) Maximum number of SCM blocks in-use.
zUSA	FLOAT	8	(IBM name: SMF71USA) Average number of SCM blocks in-use.
zTLS	INT	4	(IBM name: SMF71TLS) Total number of logical swaps.
zS7M	FLOAT	8	(IBM name: SMF71S7M) Minimum number of shared page groups backed on SCM storage.

zS7X	FLOAT	8	(IBM name: SMF71S7X) Maximum number of shared page groups backed on SCM storage.
zS7A	FLOAT	8	(IBM name: SMF71S7A) Average number of shared page groups backed on SCM storage.
zLVF	FLOAT	8	(IBM name: SMF71LVF) Average number of unused central storage page frames. Same as SMF71AVF, but long floating point format.
zLVS	FLOAT	8	(IBM name: SMF71LVS) Average number of pageable address space central storage frames in the private address space. Same as SMF71AVS, but long floating point format.
zLVT	FLOAT	8	(IBM name: SMF71LVT) Average total number of central storage frames used. Same as SMF71AVT, but long floating point format.
zLVR	FLOAT	8	(IBM name: SMF71LVR) Average number of non-LSQA fixed central storage frames in the private address space. Same as SMF71AVR, but long floating point format.
zLVX	FLOAT	8	(IBM name: SMF71LVX) Average total number of fixed central storage frames used. Same as SMF71AVX, but long floating point format.
zLVU	FLOAT	8	(IBM name: SMF71LVU) Average number of usable local page data set slots that have not been allocated. Same as SMF71AVU, but long floating point format.
zLVV	FLOAT	8	(IBM name: SMF71LVV) Average number of local page data set slots allocated to VIO private area pages. Same as SMF71AVV, but long floating point format.
zLVM	FLOAT	8	(IBM name: SMF71LVM) Average number of local page data set slots allocated to non-VIO private area pages. Same as SMF71AVM, but long floating point format.
zLVB	FLOAT	8	(IBM name: SMF71LVB) Average number of unusable local page data set slots. Same as SMF71AVB, but long floating point format.
zMCF	INT	4	(IBM name: SMF71MCF) Multithreading maximum capacity numerator for general purpose processors. Divide this value by 1024 to get the multithreading maximum capacity factor for all general purpose processors that were configured ONLINE for the complete interval.
zCPM	FLOAT	8	(IBM name: SMF71CPM) Minimum number of high virtual common pages in-use
zCPX	FLOAT	8	(IBM name: SMF71CPX) Maximum number of high virtual common pages in-use
zCPA	FLOAT	8	(IBM name: SMF71CPA) Average number of high virtual common pages in-use
zPLM	FLOAT	8	(IBM name: SMF71PLM) Minimum number of 1 MB frames that are in-use by pageable 1 MB pages.
zPLX	FLOAT	8	(IBM name: SMF71PLX) Maximum number of 1 MB frames that are in-use by pageable 1 MB pages.
zPLA	FLOAT	8	(IBM name: SMF71PLA) Average number of 1 MB frames that are in-use by pageable 1 MB pages.
zGOM	FLOAT	8	(IBM name: SMF71GOM) Minimum number of fixed 2 GB memory objects allocated in the system
zGOX	FLOAT	8	(IBM name: SMF71GOX) Maximum number of fixed 2 GB memory objects allocated in the system
zGOA	FLOAT	8	(IBM name: SMF71GOA) Average number of fixed 2 GB memory objects allocated in the system
zGRM	FLOAT	8	(IBM name: SMF71GRM) Minimum number of 2 GB pages fixed in central storage (same as SMF71GUM)
zGRX	FLOAT	8	(IBM name: SMF71GRX) Maximum number of 2 GB pages fixed in central storage (same as

			SMF71GUX)
zGRA	FLOAT	8	(IBM name: SMF71GRA) Average number of 2 GB pages fixed in central storage (same as SMF71GUA)
zGUM	FLOAT	8	(IBM name: SMF71GUM) Minimum number of 2 GB frames in the Large Frame Area that are in-use by fixed memory objects (same as SMF71GRM)
zGUX	FLOAT	8	(IBM name: SMF71GUX) Maximum number of 2 GB frames in the Large Frame Area that are in-use by fixed memory objects (same as SMF71GRX)
zGUA	FLOAT	8	(IBM name: SMF71GUA) Average number of 2 GB frames in the Large Frame Area that are in-use by fixed memory objects (same as SMF71GRA)
zGUH	FLOAT	8	(IBM name: SMF71GUH) High water mark for the number of 2 GB frames that are used by the system
zGAM	FLOAT	8	(IBM name: SMF71GAM) Minimum number of 2 GB frames in the Large Frame Area that are not in-use
zGAX	FLOAT	8	(IBM name: SMF71GAX) Maximum number of 2 GB frames in the Large Frame Area that are not in-use
zGAA	FLOAT	8	(IBM name: SMF71GAA) Average number of 2 GB frames in the Large Frame Area that are not in-use
zGFM	FLOAT	8	(IBM name: SMF71GFM) Lowest maximum number of 2 GB frames that can be used by fixed 2 GB pages.
zGFX	FLOAT	8	(IBM name: SMF71GFX) Highest maximum number of 2 GB frames that can be used by fixed 2 GB pages.
zGFA	FLOAT	8	(IBM name: SMF71GFA) Average maximum number of 2 GB frames that can be used by fixed 2 GB pages.
zNNF	FLOAT	8	(IBM name: SMF71NNF) Average number of non-nucleus frames comprising permanent storage.
zLSI	FLOAT	8	(IBM name: SMF71LSI) Average number of system-initiated demotions from pageable large frame groups to 4K page frames.
zLRI	FLOAT	8	(IBM name: SMF71LRI) Average number of request-initiated demotions from pageable large frame groups to 4K page frames.
zMHW	FLOAT	8	(IBM name: SMF71MHW) High water mark of the number of 1 MB frames that were used to satisfy fixed 1 MB page requests.
zPIS	FLOAT	8	(IBM name: SMF71PIS) Average total number of page-ins of 4 KB pages from SCM.
zPOS	FLOAT	8	(IBM name: SMF71POS) Average total number of page-outs of 4 KB pages to SCM.
zPI1	FLOAT	8	(IBM name: SMF71PI1) Average total number of page-ins of 1 MB pages from SCM.
zPO1	FLOAT	8	(IBM name: SMF71PO1) Average total number of page-outs of 1 MB pages to SCM.
zL8M	FLOAT	8	(IBM name: SMF71L8M) Minimum total number of 1 MB frames in central storage.
zL8X	FLOAT	8	(IBM name: SMF71L8X) Maximum total number of 1 MB frames in central storage.
zL8A	FLOAT	8	(IBM name: SMF71L8A) Average total number of 1 MB frames in central storage.

zL9M	FLOAT	8	(IBM name: SMF71L9M) Minimum number of available 1 MB frames in central storage.
zL9X	FLOAT	8	(IBM name: SMF71L9X) Maximum number of available 1 MB frames in central storage.
zL9A	FLOAT	8	(IBM name: SMF71L9A) Average number of available 1 MB frames in central storage.
zL10M	FLOAT	8	(IBM name: SMF71L10M) Minimum number of 1 MB frames that are in-use by memory objects.
zL10X	FLOAT	8	(IBM name: SMF71L10X) Maximum number of 1 MB frames that are in-use by memory objects.
zL10A	FLOAT	8	(IBM name: SMF71L10A) Average number of 1 MB frames that are in-use by memory objects.
zM6C	FLOAT	8	(IBM name: SMF71M6C) Minimum number of frames backing 64-bit shared page groups.
zX6C	FLOAT	8	(IBM name: SMF71X6C) Maximum number of frames backing 64-bit shared page groups.
zA6C	FLOAT	8	(IBM name: SMF71A6C) Average number of frames backing 64-bit shared page groups.
zM6F	FLOAT	8	(IBM name: SMF71M6F) Minimum number of fixed frames backing 64-bit shared page groups.
zX6F	FLOAT	8	(IBM name: SMF71X6F) Maximum number of fixed frames backing 64-bit shared page groups.
zA6F	FLOAT	8	(IBM name: SMF71A6F) Average number of fixed frames backing 64-bit shared page groups.
zM6B	FLOAT	8	(IBM name: SMF71M6B) Minimum number of 24-bit frames backing 64-bit shared page groups.
zX6B	FLOAT	8	(IBM name: SMF71X6B) Maximum number of 24-bit frames backing 64-bit shared page groups.
zA6B	FLOAT	8	(IBM name: SMF71A6B) Average number of 24-bit frames backing 64-bit shared page groups.
zM6A	FLOAT	8	(IBM name: SMF71M6A) Minimum number of auxiliary DASD slots used to back 64-bit shared page groups.
zX6A	FLOAT	8	(IBM name: SMF71X6A) Maximum number of auxiliary DASD slots used to back 64-bit shared page groups.
zA6A	FLOAT	8	(IBM name: SMF71A6A) Average number of auxiliary DASD slots used to back 64-bit shared page groups.
zM6S	FLOAT	8	(IBM name: SMF71M6S) Minimum number of SCM blocks used to back 64-bit shared page groups.
zX6S	FLOAT	8	(IBM name: SMF71X6S) Maximum number of SCM blocks used to back 64-bit shared page groups.
zA6S	FLOAT	8	(IBM name: SMF71A6S) Average number of SCM blocks used to back 64-bit shared page groups.
zM6T	FLOAT	8	(IBM name: SMF71M6T) Minimum number of 64-bit shared page groups in the system.
zX6T	FLOAT	8	(IBM name: SMF71X6T) Maximum number of 64-bit shared page groups in the system.
zA6T	FLOAT	8	(IBM name: SMF71A6T) Average number of 64-bit shared page groups in the system.

Secondary segment: SMF071_Swap_Placement

Field Name	Type	Len	Description
<i>SMF071_Swap_Placement.<fieldname></i>			
zTOT	INT	4	(IBM name: N/A) Total number of swap candidates.
zAXD	INT	4	(IBM name: N/A) Number of physical swaps directed to auxiliary storage from central storage.
zLES	CHAR	4	(IBM name: N/A) Number of logical swaps to expanded storage after failing a logical swap.
zLAX	INT	4	(IBM name: N/A) Number of logical swaps to auxiliary storage after failing a logical swap.
zESD	INT	4	(IBM name: N/A) Number of physical swaps directed to expanded storage from central storage.
zMIG	INT	4	(IBM name: N/A) Total number of physical swaps that migrated from expanded storage to auxiliary storage.

Record Type 72 - Workload Activity, Storage Data, and Serialization Delay

SMF Record 72 (Workload Activity, Storage Data, and Serialization Delay) has a number of subtypes, each mapped by a structure member name of the format "T072STnn".

Record Type 72 Subtype 3 - Workload Activity

Primary Segment:

- SMF072#03_RMF_Workload

Secondary Segment(s): 10 (in alphabetical order)

- SMF072#03_Product
- SMF072#03_Reassembly_Area
- SMF072#03_Reassembly_Area_Info
- SMF072#03_Resource_Delay_Type
- SMF072#03_Resource_Group
- SMF072#03_Response_Time_Distribution
- SMF072#03_Service_Class_Served
- SMF072#03_Service_Report_Class_Period
- SMF072#03_Work_Resource_State
- SMF072#03_WorkMgr_Ctl

Primary segment: SMF072#03_RMF_Workload

Field Name	Type	Len	Description
SMF072#03_RMF_Workload.<fieldname>			
SMF072#03_RMF_Workload.Header_self_defining_section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF72FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF72RTY) Record type 72('X'48').
zTME	TSTMP	8	(IBM name: SMF72TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF72SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF72SSI) Subsystem identification (RMF).
zSTY	INT	2	(IBM name: SMF72STY) Record SubType.
zTRN	INT	2	(IBM name: SMF72TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF72PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF72PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF72PRN) Number of RMF Product sections. Individual header extension for SubType 3:
zWMS	INT	4	(IBM name: SMF72WMS) Offset to Workload Manager control section.

zWML	INT	2	(IBM name: SMF72WML) Length of Workload Manager control section.
zWMN	INT	2	(IBM name: SMF72WMN) Number of Workload Manager control sections.
zSSS	INT	4	(IBM name: SMF72SSS) Offset to Service Class Served data section.
zSSL	INT	2	(IBM name: SMF72SSL) Length of Service Class Served data section.
zSSN	INT	2	(IBM name: SMF72SSN) Number of Service Class Served data sections.
zRGS	INT	4	(IBM name: SMF72RGS) Offset to Resource Group data section.
zRGL	INT	2	(IBM name: SMF72RGL) Length of Resource Group data section.
zRGN	INT	2	(IBM name: SMF72RGN) Number of Resource Group data sections.
zSCS	INT	4	(IBM name: SMF72SCS) Offset to Service/Report Class Period data section.
zSCL	INT	2	(IBM name: SMF72SCL) Length of Service/Report Class Period data section.
zSCN	INT	2	(IBM name: SMF72SCN) Number of Service/Report Class Period data sections.
zRTS	INT	4	(IBM name: SMF72RTS) Offset to Response Time Distribution data section.
zRTL	INT	2	(IBM name: SMF72RTL) Length of Response Time Distribution data section.
zRTN	INT	2	(IBM name: SMF72RTN) Number of Response Time Distribution data sections.
zWRS	INT	4	(IBM name: SMF72WRS) Offset to Work/Resource Manager State section.
zWRL	INT	2	(IBM name: SMF72WRL) Length of Work/Resource Manager State section.
zWRN	INT	2	(IBM name: SMF72WRN) Number of Work/Resource Manager State sections.
zDNS	INT	4	(IBM name: SMF72DNS) Offset to Resource Delay Type Names sections.
zDNL	INT	2	(IBM name: SMF72DNL) Length of Resource Delay Type Names sections.
zDNN	INT	2	(IBM name: SMF72DNN) Number of Resource Delay Type Names sections. Individual header extension for SubType 4:

Secondary segment: SMF072#03_Product

Field Name	Type	Len	Description
SMF072#03_Product.<fieldname>			
zMFV	DEC	2 (3,0)	(IBM name: SMF72MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF72PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF72IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

zDAT	DATE	4	(IBM name: SMF72DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF72INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF72SAM) Number of RMF samples.

SMF072#03_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
zzIIPBoost	BIT	1	zIIP boost was active during entire interval.
zSpeedBoost	BIT	1	Speed boost was active during entire interval.
z_Boost_Class	BINT (ENUM)	3	

SMF072#03_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF72CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF72MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF72IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF072#03_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF072#03_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF72PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF72SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF72IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF72LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF72RAO) Offset to reassembly area relative to start of RMF product section.

zRAL	INT	2	(IBM name: SMF72RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF72RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF72OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF72SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF72GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF72XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF72SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

Secondary segment: **SMF072#03_Reassembly_Area**

Field Name	Type	Len	Description
<i>SMF072#03_Reassembly_Area.<fieldname></i>			
zRBR	INT	2	(IBM name: SMF72RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF72RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF72RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF72RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF72RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

Secondary segment: **SMF072#03_Reassembly_Area_Info**

Field Name	Type	Len	Description
<i>SMF072#03_Reassembly_Area_Info.<fieldname></i>			
zRNN	INT	2	(IBM name: SMF72RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF72RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in

			this record is available from the actual triplet in the header extension.
--	--	--	---

Secondary segment: **SMF072#03_WorkMngr_Ctl**

Field Name	Type	Len	Description
<i>SMF072#03_WorkMngr_Ctl.<fieldname></i>			
SMF072#03_WorkMngr_Ctl.zMSCF.<fieldname>			
zRClass	BIT	1	Indicator for a report class
zNoActvty	BIT	1	Workload activity data not available
zNoPolicy	BIT	1	Policy data not available
zDelays	BIT	1	Execution velocity includes I/O delays
zCpuProt	BIT	1	Indicator for CPU protection
zStgProt	BIT	1	Indicator for storage protection
zDynAliTun	BIT	1	Indicator for dynamic alias tuning
zloPriHi	BIT	1	Indicator for I/O priority group HIGH

SMF072#03_WorkMngr_Ctl.zMFLG.<fieldname>			
zZaapCross	BIT	1	Indicator for zAAP crossover
zZaapHonPri	BIT	1	Indicator for zAAP honor priority
zZiipHonPri	BIT	1	Indicator for zIIP honor priority
zFailHISMT	BIT	1	Failure returned by HISMT service. Multithreading maximum capacity numerator values are invalid.
zNoHonPri	BIT	1	Indicator that service class is not eligible for honor priority processing. When on, specialty engine eligible work in this service class will not be offloaded to CPs for help processing.
zTenant	BIT	1	Indicator for a tenant report class
zExDiscGoal	BIT	1	Service class and tenant report class periods that are associated with a resource group and have assigned a discretionary goal are excluded from workload management.

SMF072#03_WorkMngr_Ctl.<fieldname>			
zMNSP	CHAR	8	(IBM name: R723MNSP) Policy name.
zMDSP	CHAR	32	(IBM name: R723MDSP) Policy description.
zMTPA	TSTMP	8	(IBM name: R723MTPA) Local time/date of policy activation (STCK format).
zMCPU	INT	4	(IBM name: R723MCP) CPU service coefficient * 10,000
zMIOC	INT	4	(IBM name: R723MIOC) I/O service coefficient * 10,000
zMMSO	INT	4	(IBM name: R723MMSO) Storage service coefficient * 10,000. When being used in calculations, apply the following scaling: zMMSO / 10000 * 4096 / 50 + 1 For details see z/OS MVS Planning: Workload Management, Defining Service Coefficients and Options.
zMSRB	INT	4	(IBM name: R723MSRB) SRB service coefficient * 10,000
zMTVL	INT	4	(IBM name: R723MTVL) WLM sample interval (in milliseconds).
zMTV#	INT	4	

			(IBM name: R723MTV#) Number of times when WLM sampling code ran.
zMOPT	CHAR	2	(IBM name: R723MOPT) Suffix of the IEAOPTxx parmlib member.
zMWNM	CHAR	8	(IBM name: R723MWNM) Workload name.
zMWDE	CHAR	32	(IBM name: R723MWDE) Workload description.
zMCNM	CHAR	8	(IBM name: R723MCNM) Service/Report class name.
zMCDE	CHAR	32	(IBM name: R723MCDE) Service/Report class description.
zMCPG	INT	2	(IBM name: R723MCPG) Number of periods belonging to this service or report class.
zMSUB	INT	1	(IBM name: R723MSUB) Number of entries in the work/resource manager state section belonging to a subsystem.
zMERF	CHAR	6	(IBM name: R723MERF) Enqueue residency CPU service factor.
zMADJ	INT	4	(IBM name: R723MADJ) Adjustment factor for CPU rate.
zMIDN	CHAR	8	(IBM name: R723MIDN) Service definition name.
zMIDD	CHAR	32	(IBM name: R723MIDD) Service definition description.
zMTDI	TSTMP	8	(IBM name: R723MTDI) Local time/date the service definition was installed (STCK format).
zMIDU	CHAR	8	(IBM name: R723MIDU) Userid that installed the service definition.
zCLSC	CHAR	8	(IBM name: R723CLSC) Service class that last contributed to this report class. Blank if this is a service class.
zNFFI	INT	4	(IBM name: R723NFFI) Normalization factor for zAAP. Multiply zAAP service times or service units with this value and divide by 256 T0 calculate the CP equivalent value.
zNFFS	INT	4	(IBM name: R723NFFS) Normalization factor for zIIP. Multiply zIIP service units with this value and divide by 256 T0 calculate the CP equivalent value.
zNADJ	INT	4	(IBM name: R723NADJ) Nominal adjustment factor for CPU rate.
zCECA	INT	4	(IBM name: R723CECA) CEC adjustment factor.
zMCF	INT	4	(IBM name: R723MCF) Multithreading maximum capacity numerator for general purpose processors. Divide this value by 1024 T0 get the MT maximum capacity factor for all general purpose processors that were configured ONLINE for the complete interval.
zMCFS	INT	4	(IBM name: R723MCFS) Multithreading maximum capacity numerator for zIIP. Divide this value by 1024 T0 get the multithreading maximum capacity factor for all zIIPs that were configured ONLINE for the complete interval. A zero value is reported if no zIIP is currently installed.
zMCFI	INT	4	(IBM name: R723MCFI) Multithreading maximum capacity numerator for zAAP. Divide this value by 1024 T0 get the multithreading maximum capacity factor for all zAAPs that were configured ONLINE for the complete interval. A zero value is reported if no zAAP is currently installed.
zCPA_actual	INT	4	(IBM name: R723CPA_actual) Physical CPU adjustment factor based on Model Capacity Rating.

zCPA_scaling_factor	INT	4	(IBM name: R723CPA_scaling_factor) Scaling factor for zCPA_actual.
---------------------	-----	---	---

Secondary segment: SMF072#03_Service_Class_Served

Field Name	Type	Len	Description
<i>SMF072#03_Service_Class_Served.<fieldname></i>			
zSCSN	CHAR	8	(IBM name: R723SCSN) Name of service class being served (by one or more address spaces in service class zMCNM).
zSCS#	INT	4	(IBM name: R723SCS#) Number of times an address space running in service class zMCNM was observed serving the served service class zSCSN.

Secondary segment: SMF072#03_Resource_Group

Field Name	Type	Len	Description
<i>SMF072#03_Resource_Group.<fieldname></i>			
zGGNM	CHAR	8	(IBM name: R723GGNM) Resource group name.
zGGDE	CHAR	32	(IBM name: R723GGDE) Resource group description.

<i>SMF072#03_Resource_Group.zGGLT.<fieldname></i>			
zMaxCap	BIT	1	MAXIMUM capacity was specified.
zMinCap	BIT	1	MINIMUM capacity was specified.
zLPARpct	BIT	1	SPECIFICATI0N of zGGMN and zGGMX is in percentage of the LPAR share rather than in service units. In addition, the scope of the resource group is system-wide rather than sysplex-wide.
zSingleCP	BIT	1	SPECIFICATI0N of zGGMN and zGGMX is in percentage of a single processor capacity rather than in service units. In addition, the scope of the resource group is system-wide rather than sysplex-wide.
zMemLimit	BIT	1	MEMORY limit was specified.
zMSUh	BIT	1	SPECIFICATI0N of zGGMN and zGGMX is in MSU/h rather than in service units.
zSpeciality	BIT	1	SPECIALTY processor consumption is included into the WLM capping algorithms, i.e. zGGMN and zGGMX limit the combined general purpose and speciality processor consumption.

<i>SMF072#03_Resource_Group.zGGTF.<fieldname></i>			
zTenant	BIT	1	Indicator for a tenant resource group.

<i>SMF072#03_Resource_Group.<fieldname></i>			
zGGMN	INT	4	(IBM name: R723GGMN) If bit 1 0F zGGLT is ON, minimum capacity of the resource group. If bit 2, bit 3, and bit 5 0F zGGLT are OFF, this value is in unweighted CPU service units per second. In addition, the scope of the resource group is sysplex-wide. If bit 2, bit 3, or bit 5 0F zGGLT is ON, see the description of zGGLT.
zGGMX	INT	4	(IBM name: R723GGMX) If bit 0 0F zGGLT is ON, maximum capacity of the resource group. If bit 2, bit 3, and bit 5 0F zGGLT are OFF, this value is in unweighted CPU service units per second. In addition, the scope of the resource group is sysplex-wide. If bit 2, bit 3, or bit 5 0F zGGLT is ON, see the description of

			zGGLT.
zGGML	INT	4	(IBM name: R723GGML) If bit 4 0F zGGLT is ON, memory limit (in GB) of the resource group. The scope of the resource group is system-wide.
zGGTI	CHAR	8	(IBM name: R723GGTI) Tenant identifier. Only valid if bit 0 0F zGGTF is ON.
zGGTN	CHAR	32	(IBM name: R723GGTN) Tenant name. Only valid if bit 0 0F zGGTF is ON.
zGGKY	CHAR	64	(IBM name: R723GGKY) Solution ID. Only valid if bit 0 0F zGGTF is ON.

Secondary segment: **SMF072#03_Service_Report_Class_Period**

Field Name	Type	Len	Description
<i>SMF072#03_Service_Report_Class_Period.<fieldname></i>			
zCRTX	INT	2	(IBM name: R723CRTX) Index into the response time distribution count table in the Response Time Distribution data section. These buckets exist only for periods with a response time goal.
zCWMX	INT	2	(IBM name: R723CWMX) Index into the work/resource manager states area.
zCWMN	INT	2	(IBM name: R723CWMN) Number of entries in the work/resource manager states area associated with this period (zCWMX points to the first entry).

SMF072#03_Service_Report_Class_Period.zCRS1.<fieldname>

zCPHetero	BIT	1	This report class period is heterogeneous.
-----------	-----	---	--

SMF072#03_Service_Report_Class_Period.<fieldname>

zCADF	INT	1	(IBM name: R723CADF) Data flags - they indicate the availability of actual measured data in one of the subsections being a part of this section. Bit Meaning when set 0 RESOURCE consumption data available 1 RESPONSE time data available 2 GENERAL execution delay data available 3-7 Reserved. Goals: For a report class period, these are the goals of the service class period that last contributed to this report class period. For a homogeneous report class period, this goal must be used to format the response time distribution.
zCPER	INT	1	(IBM name: R723CPER) Service or report class period number.

SMF072#03_Service_Report_Class_Period.zCRTF.<fieldname>

zMilli	BIT	1	Response time specified in milliseconds.
zSec	BIT	1	Response time specified in seconds.
zMin	BIT	1	Response time specified in minutes.
zHours	BIT	1	Response time specified in hours.

SMF072#03_Service_Report_Class_Period.zCRGF.<fieldname>

zPercentile	BIT	1	Percentile response time goal.
zAverage	BIT	1	Average response time goal.
zExecution	BIT	1	Execution velocity goal.
zDiscretionary	BIT	1	Discretionary goal.
zSystem	BIT	1	System specified goal.

SMF072#03_Service_Report_Class_Period.<fieldname>

zCVAL	INT	4	(IBM name: R723CVAL) Response time or execution velocity goal - or zero if discretionary or system goal. Units are defined in zCRTF.
zCPCT	INT	2	(IBM name: R723CPCT) Goal percentile value (in percentage).
zCIMP	INT	2	(IBM name: R723CIMP) Importance of the goal to be achieved for this period (1=highest, 5=lowest). The value is zero for a discretionary or system goal.
zCDUR	INT	4	(IBM name: R723CDUR) Period duration in weighted service units, or zero for the last period. Resource Consumption Data - Actual measured values: All service units are weighted by the coefficients in the active service policy.
zCSRV	FLOAT	8	(IBM name: R723CSRV) Total service units.
zCCPU	FLOAT	8	(IBM name: R723CCPU) Total TCB service units. This value includes SUs on general purpose CPs and normalized SUs on zIIPs and zAAPs.
zCIOC	FLOAT	8	(IBM name: R723CIOC) Total IOC service units.
zCMSO	FLOAT	8	(IBM name: R723CMSO) Total central storage service units.
zCSRB	FLOAT	8	(IBM name: R723CSRB) Total SRB service units. This value includes SUs on general purpose CPs and normalized SUs on zIIPs and zAAPs.
zCPIR	FLOAT	8	(IBM name: R723CPIR) Total page-in count.
zCHPI	FLOAT	8	(IBM name: R723CHPI) Total hiperspace page-in count. This value includes only those hiperspace pages that were moved by the Real Storage Manager and not by the MVPG instruction.
zCBPI	FLOAT	8	(IBM name: R723CBPI) Total block page-in from auxiliary count.
zCPIE	FLOAT	8	(IBM name: R723CPIE) Total page-in from expanded count.
zCBPE	FLOAT	8	(IBM name: R723CBPE) Total block page-in from expanded count.
zCBKA	FLOAT	8	(IBM name: R723CBKA) Total auxiliary blocks paged in.
zCBKE	FLOAT	8	(IBM name: R723CBKE) Total expanded blocks paged in.
zCPRS	FLOAT	8	(IBM name: R723CPRS) Total page residency time (1024-microsecond units).
zCERS	FLOAT	8	(IBM name: R723CERS) Total expanded page residency time (1024-microsecond units).
zCTRR	FLOAT	8	(IBM name: R723CTRR) Total in storage residency time (1024-microsecond units).
zCTAT	FLOAT	8	(IBM name: R723CTAT) Total transaction active time (1024-microsecond units).
zCRCT	FLOAT	8	(IBM name: R723CRCT) Total RCT time (microseconds).
zCIIT	FLOAT	8	(IBM name: R723CIIT) Total I/O interrupt time (microseconds).
zCHST	FLOAT	8	(IBM name: R723CHST) Total hiperspace service time (microseconds).
zCSWC	INT	4	(IBM name: R723CSWC) Total swap count.
zCCRM	INT	4	(IBM name: R723CCRM) Total hiperspace ESO read miss count. Response Time Data - Actual measured values:

zCRCP	INT	4	(IBM name: R723CRCP) Count of transaction completions for this period. This field includes transaction completions reported by subsystem work managers by way of the IWMRPT service.
zCARC	INT	4	(IBM name: R723CARC) Count of transactions that completed abnormally as reported by subsystem work manager. This value is not part of zCRCP and should not be used for response time calculations.
zCNCP	INT	4	(IBM name: R723CNCP) Count of transactions that completed their execution phase as reported by subsystem work managers by way of the IWMNTFY service.
zCANC	INT	4	(IBM name: R723CANC) Count of transactions that completed their execution phase abnormally as reported by subsystem work Manager. This value is not part of zCNCP and should not be used for execution response time calculations.
zCTET	FLOAT	8	(IBM name: R723CTET) Total transaction elapsed time (1024-microsecond units).
zCXET	FLOAT	8	(IBM name: R723CXET) Total transaction execution time (1024-microsecond units).
zCETS	FLOAT	8	(IBM name: R723CETS) Sum of transaction elapsed times squared (1024-microsecond units). General Execution Delay Data - Actual measured values:
zCCUS	INT	4	(IBM name: R723CCUS) CPU using samples. These are included in zCTOU.
zCTOT	INT	4	(IBM name: R723CTOT) Total general execution delay samples used in WLM's execution velocity calculation. For the velocity formula, see z/OS MVS Planning: Workload Management. The following categories of samples represent general execution delays that are included in zCTOT. Each counter was incremented by one every time the WLM sampler found the appropriate condition.
zCCDE	INT	4	(IBM name: R723CCDE) CPU delay. A TCB or SRB is waiting to be dispatched or a TCB is waiting for local lock.
zCCCA	INT	4	(IBM name: R723CCCA) CPU capping delay. A TCB or SRB is marked non-dispatchable because a resource group maximum is being enforced. Note that zCCCA is NOT a subset of zCCDE.
zCSWI	INT	4	(IBM name: R723CSWI) Swap-in delay. Swap-in has started, but not completed.
zCMPL	INT	4	(IBM name: R723CMPL) MPL delay. Ready but swap-in has not started.
zCAPR	INT	4	(IBM name: R723CAPR) Auxiliary page from private.
zCACO	INT	4	(IBM name: R723CACO) Auxiliary page from common.
zCAXM	INT	4	(IBM name: R723CAXM) Auxiliary page from cross memory.
zCVIO	INT	4	(IBM name: R723CVIO) Auxiliary page from VIO.
zCHSP	INT	4	(IBM name: R723CHSP) Auxiliary page from standard hiperspaces.
zCCHS	INT	4	(IBM name: R723CCHS) Auxiliary page from ESO hiperspaces. The following categories of samples are not included in zCTOT:
zCUNK	INT	4	(IBM name: R723CUNK) Unknown. Address space or enclave is waiting, but none of the general execution delays (listed earlier) apply.
zCIDL	INT	4	(IBM name: R723CIDL) Idle. Address space or enclave is in STIMER wait, TSO terminal wait, APPC wait, or an initiator waiting for work.

zCPDE	INT	4	(IBM name: R723CPDE) Resource group capping count. Group maximum is being enforced for work in this class.
zCPQU	INT	4	(IBM name: R723CPQU) Quiesce count. Some work in this service class has been reset by way of the RESET xxx, QUIESCE command. Additional General Execution Delay Data - Actuals:
zCSAC	INT	4	(IBM name: R723CSAC) Sampled address space count. Number of address spaces that contributed delay and using samples to this class.
zCSRS	FLOAT	8	(IBM name: R723CSRS) Total shared page residency time in 1024-microsecond units.
zCSPA	FLOAT	8	(IBM name: R723CSPA) Total shared page-ins from auxiliary storage.
zCSPE	FLOAT	8	(IBM name: R723CSPE) Total shared page-ins from expanded storage. Additional Resource Consumption Data:
zCICT	FLOAT	8	(IBM name: R723CICT) Total non-paging DASD connect time in 128-microsecond units.
zCIWT	FLOAT	8	(IBM name: R723CIWT) Total non-paging DASD wait time (queue time + pending time) in 128-microsecond units.
zCIDT	FLOAT	8	(IBM name: R723CIDT) Total non-paging DASD disconnect time in 128-microsecond units. This does not include IOS queue time.
zCIRC	INT	4	(IBM name: R723CIRC) Total non-paging DASD I/O start subchannel count. This can be used with fields zCICT, zCIWT, and zCIDT to determine the average DASD response time for the period. Additional General Execution Delay Data - Actuals:
zCTOU	INT	4	(IBM name: R723CTOU) Total using samples. For the velocity formula, see z/OS MVS Planning: Workload Management.
zCIOU	INT	4	(IBM name: R723CIOU) DASD using samples. Only non-paging DASD I/O can contribute to I/O using samples. The following categories of samples represent general execution delays. Each counter was incremented by one every time the WLM sampler found the appropriate condition.
zCIOD	INT	4	(IBM name: R723CIOD) DASD delay samples.
zCQ	INT	4	(IBM name: R723CQ) Queue delay samples, work is waiting for a server.
zCSPV	INT	4	(IBM name: R723CSPV) Server private area paging delay samples.
zCSVI	INT	4	(IBM name: R723CSVI) Server space VIO paging delay samples.
zCSHS	INT	4	(IBM name: R723CSHS) Server hiperspace paging delay samples.
zCSMP	INT	4	(IBM name: R723CSMP) Server MPL delay samples.
zCSSW	INT	4	(IBM name: R723CSSW) Server swap-in delay samples. Non-DASD I/O Using or Delay Samples:
zCNDI	INT	4	(IBM name: R723CNDI) Non-DASD I/O using or delay samples.
zCTDQ	INT	4	(IBM name: R723CTDQ) Total delay samples always including batch queue delay. For service classes that contain batch jobs that were not run in WLM managed initiators the batch queue delay samples are derived from the measured batch queue delay time. For service classes that contain jobs that ran in WLM managed initiators this value is the same as RCAETOTD. RCAETOTDQ can be used as a migration aid to determine what a batch service class period's velocity will be if its jobs are run in WLM managed initiators.

zCTSA	FLOAT	8	(IBM name: R723CTSA) Total execution samples. It is the sum of RCAETOTU, RCAETOTD, RCAEUNKN, RCAEIDLE.
zCIOT	FLOAT	8	(IBM name: R723CIOT) Total DASD IOS queue time in 128-microsecond units.
zCQDT	FLOAT	8	(IBM name: R723CQDT) Total queue delay time in 1024-microsecond units. For batch jobs, this is the time jobs spent on the job queue while eligible to run on some system. It represents the time the jobs spent waiting for an initiator. For TSO users, this time can be a portion of the LOGON process. For APPC, this is the time an APPC request spent on an APPC queue. The following three values only apply to batch jobs, they are zero for other work types:
zCADT	FLOAT	8	(IBM name: R723CADT) Total time (in 1024-microsecond units) batch jobs were ineligible to run because a resource that the job had affinity to was unavailable.
zCCVT	FLOAT	8	(IBM name: R723CCVT) Total time (in 1024-microsecond units) batch jobs spent in JCL conversion.
zCIQT	FLOAT	8	(IBM name: R723CIQT) Total time (in 1024-microsecond units) batch jobs spent on job queue (after JCL conversion) while ineligible to run on any system for reasons other than resource affinities.
zCIEA	FLOAT	8	(IBM name: R723CIEA) Independent enclave total transaction active time (in 1024-microsecond units) for enclaves that originated on this system.
zCXEA	FLOAT	8	(IBM name: R723CXEA) Exported enclave total transaction active time (in 1024-microsecond units).
zCFEA	FLOAT	8	(IBM name: R723CFEA) Foreign enclave total transaction active time (in 1024-microsecond units). Crypto Using and Delay Samples:
zCAMU	INT	4	(IBM name: R723CAMU) No longer used.
zCAMD	INT	4	(IBM name: R723CAMD) No longer used.
zAPU	INT	4	(IBM name: R723APU) AP crypto using samples: a TCB was found executing on a cryptographic assist processor.
zAPD	INT	4	(IBM name: R723APD) AP crypto delay samples: a TCB was found waiting for a cryptographic assist processor.
zFQD	INT	4	(IBM name: R723FQD) Feature queue delay samples: a TCB was found waiting on a processor feature queue associated with a CPU. This is a subset of zCCDE. Note: zCCUS includes feature queue using samples.
zPLSC	CHAR	8	(IBM name: R723PLSC) Service class that last contributed to this report class period during this interval. Blank if this is a service class period.
zRCOD	INT	4	(IBM name: R723RCOD) Contention delay sample count. One sample is accumulated for each held resource which is reported to WLM by the resource manager by way of IWMCNTN.
zRCOU	INT	4	(IBM name: R723RCOU) Contention using sample count. One sample is accumulated for each resource in use which is reported to WLM by the resource manager by way of IWMCNTN.
zECTC	FLOAT	8	(IBM name: R723ECTC) CPU time consumed while dispatching priority was temporarily raised by enqueue management because the work unit held a resource that other work needed (in 1024 MICROSECOND units).
zIFAU	INT	4	(IBM name: R723IFAU) zAAP using samples.
zIFCU	INT	4	(IBM name: R723IFCU) zAAP on CP using samples. These samples are included in zCCUS.

zIFAD	INT	4	(IBM name: R723IFAD) zAAP delay samples.
zIFAT	FLOAT	8	(IBM name: R723IFAT) Reserved. Use zCIFA to calculate zAAP (IFA) service times.
zIFCT	FLOAT	8	(IBM name: R723IFCT) Reserved
zSUPU	INT	4	(IBM name: R723SUPU) zIIP using samples.
zSUCU	INT	4	(IBM name: R723SUCU) zIIP on CP using samples.
zSUPD	INT	4	(IBM name: R723SUPD) zIIP delay samples.
zCSUP	FLOAT	8	(IBM name: R723CSUP) Total service units on zIIPs. Multiply with zNFFS and divide by 256 T0 calculate the CP equivalent value.
zCSUC	FLOAT	8	(IBM name: R723CSUC) Total service units on CPs spent by zIIP eligible work.
zCIFA	FLOAT	8	(IBM name: R723CIFA) Total service units on zAAPs. Multiply with zNFFI and divide by 256 T0 calculate the CP equivalent value.
zCIFC	FLOAT	8	(IBM name: R723CIFC) Total service units on CPs spent by zAAP eligible work.
zTPDP	FLOAT	8	(IBM name: R723TPDP) CPU time consumed while dispatching priority of work with low importance was temporarily raised to help blocked workloads (in 1024 MICROSECOND units).
zCPDP	FLOAT	8	(IBM name: R723CPDP) CPU time consumed while dispatching priority was temporarily raised by chronic resource contention management because the work unit held a resource that other work needed (in 1024 MICROSECOND units).
zLPDP	FLOAT	8	(IBM name: R723LPDP) CPU time consumed while dispatching priority was temporarily raised to shorten the lock hold time of a local suspend lock held by the work unit (in 1024 MICROSECOND units). Only valid if HiperDispatch is active.
zSPDP	FLOAT	8	(IBM name: R723SPDP) CPU time consumed while dispatching priority for a work unit was temporarily raised by the z/OS supervisor to a higher dispatching priority than assigned by WLM (in 1024-microsecond units).
zRTDM	INT	4	(IBM name: R723RTDM) Midpoint of all response times that were collected in the response time distribution buckets in milliseconds. For response time goals, the midpoint is always the response time goal. For execution velocity goals, it is the average of all response times that were collected in the response time distribution buckets.
zRTDC	INT	4	(IBM name: R723RTDC) Number of midpoint changes that occurred during the interval. Number equals zero for response time goals.
zRTDT	TSTMP	8	(IBM name: R723RTDT) Timestamp in STCK format, showing the latest point in time when a midpoint change occurred in zRTDM. Transaction Resource Consumption Data When transaction processor usage is reported to WLM through IWM4RPT or IWM4MNTF services, the consumed service units are accounted to the transaction service or report classes, and deducted from the region's service and report classes. If the number of transactions is very small and a single transaction reports high processor times, it can occur that processor times become negative. The corresponding SMF fields will report a negative value to allow for correct aggregation across intervals.
zTSUCP	FLOAT	8	(IBM name: R723TSUCP) Total Service units consumed by transactions, executed on general purpose processors.
zTSUSP	FLOAT	8	(IBM name: R723TSUSP) Total Service units consumed by transactions, executed on specialty processors.

zTSUOCP	FLOAT	8	(IBM name: R723TSUOCP) Total Service units consumed by transactions, eligible to run on specialty processors, but executed on general purpose processors.
zMSUCP	FLOAT	8	(IBM name: R723MSUCP) Service units consumed by transactions, classified with reporting attribute MOBILE, executed on general purpose processors.
zMSUSP	FLOAT	8	(IBM name: R723MSUSP) Service units consumed by transactions, classified with reporting attribute MOBILE, executed on specialty processors.
zMSUOCP	FLOAT	8	(IBM name: R723MSUOCP) Service units consumed by transactions, classified with reporting attribute MOBILE, eligible to run on specialty processors, but executed on general purpose processors.
zASUCP	FLOAT	8	(IBM name: R723ASUCP) Service units consumed by transactions, classified with reporting attribute CATEGORYA, executed on general purpose processors.
zASUSP	FLOAT	8	(IBM name: R723ASUSP) Service units consumed by transactions, classified with reporting attribute CATEGORYA, executed on specialty processors.
zASUOCP	FLOAT	8	(IBM name: R723ASUOCP) Service units consumed by transactions, classified with reporting attribute CATEGORYA, eligible to run on specialty processors, but executed on general purpose processors.
zBSUCP	FLOAT	8	(IBM name: R723BSUCP) Service units consumed by transactions, classified with reporting attribute CATEGORYB, executed on general purpose processors.
zBSUSP	FLOAT	8	(IBM name: R723BSUSP) Service units consumed by transactions, classified with reporting attribute CATEGORYB, executed on specialty processors.
zBSUOCP	FLOAT	8	(IBM name: R723BSUOCP) Service units consumed by transactions, classified with reporting attribute CATEGORYB, eligible to run on specialty processors, but executed on general purpose processors.
zCTETX	FLOAT	8	(IBM name: R723CTETX) Total transaction elapsed time. Same as zCTET, but in microseconds.
zCXETX	FLOAT	8	(IBM name: R723CXETX) Total transaction execution time. Same as zCXET, but in microseconds.
zCETSX	FLOAT	8	(IBM name: R723CETSX) Sum of transaction elapsed times squared. Same as zCETS, but in microseconds.
zCQDTX	FLOAT	8	(IBM name: R723CQDTX) Total queue delay time. Same as zCQDT, but in microseconds.
zCADTX	FLOAT	8	(IBM name: R723CADTX) Total time batch jobs were ineligible to run because a resource that the job had affinity to was unavailable. Same as zCADT, but in microseconds.
zCCVTX	FLOAT	8	(IBM name: R723CCVTX) Total time batch jobs spent in JCL conversion. Same as zCCVT, but in microseconds.
zCIQTX	FLOAT	8	(IBM name: R723CIQTX) Total time batch jobs spent on job queue (after JCL conversion) while ineligible to run on any system for reasons other than resource affinities. Same as zCIQT, but in microseconds.

Secondary segment: SMF072#03_Response_Time_Distribution

Field Name	Type	Len	Description
SMF072#03_Response_Time_Distribution.<fieldname>			
zTRDB050	INT	4	(IBM name: N/A) 50 - EACH map entry defines a maximum percentage of the midpoint that

			was calculated for the response time distribution. When used in conjunction with an entry in the response time distribution count table, it shows the number of transactions that completed in a percentage of the midpoint.
zTRDB060	INT	4	(IBM name: N/A) 60 - THIS value means: 60% of the goal response time.
zTRDB070	INT	4	(IBM name: N/A) 70 - THIS value means: 70% of the goal response time.
zTRDB080	INT	4	(IBM name: N/A) 80 - THIS value means: 80% of the goal response time.
zTRDB090	INT	4	(IBM name: N/A) 90 - THIS value means: 90% of the goal response time.
zTRDB100	INT	4	(IBM name: N/A) 100 - THIS value means: 100% of the goal response time.
zTRDB110	INT	4	(IBM name: N/A) 110 - THIS value means: 110% of the goal response time.
zTRDB120	INT	4	(IBM name: N/A) 120 - THIS value means: 120% of the goal response time.
zTRDB130	INT	4	(IBM name: N/A) 130 - THIS value means: 130% of the goal response time.
zTRDB140	INT	4	(IBM name: N/A) 140 - THIS value means: 140% of the goal response time.
zTRDB150	INT	4	(IBM name: N/A) 150 - THIS value means: 150% of the goal response time.
zTRDB200	INT	4	(IBM name: N/A) 200 - THIS value means: 200% of the goal response time.
zTRDB400	INT	4	(IBM name: N/A) 400 - THIS value means: 400% of the goal response time.
zTRDBHI	INT	4	(IBM name: N/A) X'FFFFFFFF' - last entry : >400% of the goal response time.

SMF072#03_Response_Time_Distribution.Response_Time_Distribution_Counts.<fieldname>			
zTRDC050	INT	4	(IBM name: N/A) Count of completed transactions with: Response time = 50% of the goal.
zTRDC060	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 50% of the goal. Response time = 60% of the goal.
zTRDC070	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 60% of the goal. Response time = 70% of the goal.
zTRDC080	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 70% of the goal. Response time = 80% of the goal.
zTRDC090	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 80% of the goal. Response time = 90% of the goal.
zTRDC100	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 90% of the goal. Response time = 100% of the goal.
zTRDC110	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 100% of the goal. Response time = 110% of the goal.
zTRDC120	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 110% of the goal. Response time = 120% of the goal.
zTRDC130	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 120% of the goal. Response time = 130% of the goal.
zTRDC140	INT	4	

			(IBM name: N/A) Count of completed transactions with: Response time > 130% of the goal. Response time = 140% of the goal.
zTRDC150	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 140% of the goal. Response time = 150% of the goal.
zTRDC200	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 150% of the goal. Response time = 200% of the goal.
zTRDC400	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 200% of the goal. Response time = 400% of the goal.
zTRDCHI	INT	4	(IBM name: N/A) Count of completed transactions with: Response time > 400% of the goal.

Secondary segment: **SMF072#03_Work_Resource_State**

Field Name	Type	Len	Description
<i>SMF072#03_Work_Resource_State.<fieldname></i>			
<i>SMF072#03_Work_Resource_State.Delay_Per_service_Class.<fieldname></i>			
zRTYP	CHAR	4	(IBM name: R723RTYP) Subsystem type, as used in the classification rules specified in the WLM administrative application. The subsystem's documentation should explain the meaning that the product attributes to the various states.
<i>SMF072#03_Work_Resource_State.Delay_Per_service_Class.zRFLG.<fieldname></i>			
zStatBegToEnd	BIT	1	States sampled in the begin_to_end phase of a transaction.
zStatExecution	BIT	1	States sampled in the execution phase of a transaction.
<i>SMF072#03_Work_Resource_State.Delay_Per_service_Class.<fieldname></i>			
zRESS	INT	4	(IBM name: R723RESS) Total number of transaction states sampled in the phase specified by zRFLG.
zRACT	INT	4	(IBM name: R723RACT) Total number of active state samples. Active indicates that there is a program executing on behalf of the work request, from the perspective of the work manager. This does not mean that the program is active from the base control program's perspective.
zRRDY	INT	4	(IBM name: R723RRDY) Total number of ready state samples. Ready indicates that there is a program ready to execute on behalf of the work request described by the monitoring environment, but the work manager has given priority to another work request.
zRIDL	INT	4	(IBM name: R723RIDL) Total number of idle state samples. Idle indicates that no work request is available to the work manager that is allowed to run.
zRWLO	INT	4	(IBM name: R723RWLO) Total number of waiting for lock state samples.
zRWIO	INT	4	(IBM name: R723RWIO) Total number of waiting for I/O state samples. Waiting for I/O indicates that the work manager is waiting for an activity related to an I/O request. This may be an actual I/O operation or some other function associated with the I/O request.
zRWCO	INT	4	(IBM name: R723RWCO) Total number of waiting for conversation state samples. Waiting for conversation may have been used in conjunction with the WLM service IWMMSWCH to identify where the recipient of the conversation is located. In this case, only the switched state will be recorded.

zRWDS	INT	4	(IBM name: R723RWDS) Total number of waiting for distributed request state samples. Waiting for distributed request indicates a high level that some function or data must be routed prior to resumption of the work request. This is to be contrasted with waiting for conversation, which is a low level view of the precise resource that is needed. A distributed request could involve waiting on a conversation as part of its processing.
zRWSL	INT	4	(IBM name: R723RWSL) Total number of waiting for a session to be established locally samples. Waiting for a session to be established locally, i.e. on the current MVS image.
zRWSN	INT	4	(IBM name: R723RWSN) Total number of waiting for a session to be established somewhere in the network samples.
zRWSS	INT	4	(IBM name: R723RWSS) Total number of waiting for a session to be established somewhere in the sysplex samples.
zRWTM	INT	4	(IBM name: R723RWTM) Total number of waiting for a timer samples.
zRWO	INT	4	(IBM name: R723RWO) Total number of waiting for another product samples.
zRWMS	INT	4	(IBM name: R723RWMS) Total number of waiting for unidentified resource samples. Waiting for unidentified resource, possibly among another more specific category, but which may not be readily determined.
zRSSL	INT	4	(IBM name: R723RSSL) Number of states representing transactions for which there are logical continuations on this MVS image. Subsystem work managers might set this state when they function ship a transaction to another component within the same MVS image.
zRSSS	INT	4	(IBM name: R723RSSS) Number of states representing transactions for which there are logical continuations on another MVS image in the sysplex. Subsystem work managers might set this state when they function ship a transaction to another component on another MVS image within the sysplex.
zRSSN	INT	4	(IBM name: R723RSSN) Number of states representing transactions for which there are logical continuations somewhere within the network. Subsystem work managers might set this state when they function ship a transaction to another component within the network.
zRWST	INT	4	(IBM name: R723RWST) Total number of waiting for SSL thread samples.
zRWRT	INT	4	(IBM name: R723RWRT) Total number of waiting for regular thread samples.
zRWWR	INT	4	(IBM name: R723RWWR) Total number of waiting for work table registration samples.
zRAPP	INT	4	(IBM name: R723RAPP) Total number of active application state samples.
zRWNL	INT	4	(IBM name: R723RWNL) Total number of state samples reflecting waiting for new latch.
zRW01	INT	4	(IBM name: R723RW01) Total number of samples waiting for resource type 1.
zRW02	INT	4	(IBM name: R723RW02) Total number of samples waiting for resource type 2.
zRW03	INT	4	(IBM name: R723RW03) Total number of samples waiting for resource type 3.
zRW04	INT	4	(IBM name: R723RW04) Total number of samples waiting for resource type 4.
zRW05	INT	4	(IBM name: R723RW05) Total number of samples waiting for resource type 5.
zRW06	INT	4	(IBM name: R723RW06) Total number of samples waiting for resource type 6.

zRW07	INT	4	(IBM name: R723RW07) Total number of samples waiting for resource type 7.
zRW08	INT	4	(IBM name: R723RW08) Total number of samples waiting for resource type 8.
zRW09	INT	4	(IBM name: R723RW09) Total number of samples waiting for resource type 9.
zRW10	INT	4	(IBM name: R723RW10) Total number of samples waiting for resource type 10.
zRW11	INT	4	(IBM name: R723RW11) Total number of samples waiting for resource type 11.
zRW12	INT	4	(IBM name: R723RW12) Total number of samples waiting for resource type 12.
zRW13	INT	4	(IBM name: R723RW13) Total number of samples waiting for resource type 13.
zRW14	INT	4	(IBM name: R723RW14) Total number of samples waiting for resource type 14.
zRW15	INT	4	(IBM name: R723RW15) Total number of samples waiting for resource type 15.
zRBPM	INT	4	(IBM name: R723RBPM) Number of state samples representing buffer pool misses that resulted in I/O.
zRDNX	INT	2	(IBM name: R723RDNX) Index into resource delay type names table.
zRDNN	INT	2	(IBM name: R723RDNN) Number of entries in resource delay type names table.

Secondary segment: SMF072#03_Resource_Delay_Type

Field Name	Type	Len	Description
<i>SMF072#03_Resource_Delay_Type.<fieldname></i>			
zDNST	CHAR	4	(IBM name: R723DNST) Subsystem type as used in the classification rules specified in the WLM administrative application.
zDNNU	INT	2	(IBM name: R723DNNU) Number of the resource delay type. Values 1 ... 15 ARE related to zRW01 ... zRW15 respectively.
zDNDE	CHAR	16	(IBM name: R723DNDE) Resource delay description.

Record Type 72 Subtype 4 - Storage Data

Primary Segment:

- SMF072#04_RMF_Storage_Data

Secondary Segment(s): 5 (in alphabetical order)

- SMF072#04_Product
- SMF072#04_Reassembly_Area
- SMF072#04_Reassembly_Area_Info
- SMF072#04_Service_Class_Period
- SMF072#04_Swap_Reason

Primary segment: SMF072#04_RMF_Storage_Data

Field Name	Type	Len	Description
SMF072#04_RMF_Storage_Data.<fieldname>			
SMF072#04_RMF_Storage_Data.Header_self_defining_section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF72FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF72RTY) Record type 72('X'48).
zTME	TSTMP	8	(IBM name: SMF72TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF72SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF72SSI) Subsystem identification (RMF).
zSTY	INT	2	(IBM name: SMF72STY) Record SubType.
zTRN	INT	2	(IBM name: SMF72TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF72PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF72PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF72PRN) Number of RMF Product sections. Individual header extension for SubType 3:
zCPS	INT	4	(IBM name: SMF72CPS) Offset to Service Class Period data section.
zCPL	INT	2	(IBM name: SMF72CPL) Length of Service Class Period data section.
zCPN	INT	2	(IBM name: SMF72CPN) Number of Service Class Period data sections.
zSPS	INT	4	(IBM name: SMF72SPS) Offset to Swap Reason data section.
zSPL	INT	2	(IBM name: SMF72SPL) Length of Swap Reason data section.
zSPN	INT	2	(IBM name: SMF72SPN) Number of Swap Reason data sections. Individual header extension for SubType 5:

Secondary segment: **SMF072#04_Product**

Field Name	Type	Len	Description
<i>SMF072#04_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF72MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF72PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF72IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF72DAT) Date when the RMF measurement interval started, in the form 0ccyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF72INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF72SAM) Number of RMF samples.

<i>SMF072#04_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
zzIIPBoost	BIT	1	zIIP boost was active during entire interval.
zSpeedBoost	BIT	1	Speed boost was active during entire interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF072#04_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF72CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF72MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF72IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

<i>SMF072#04_Product.zPRF.<fieldname></i>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF072#04_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF72PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF72SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF72IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF72LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF72RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF72RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF72RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF72OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF72SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF72GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF72XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF72SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

Secondary segment: **SMF072#04_Reassembly_Area**

Field Name	Type	Len	Description
SMF072#04_Reassembly_Area.<fieldname>			
zRBR	INT	2	(IBM name: SMF72RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF72RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF72RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF72RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF72RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

Secondary segment: SMF072#04_Reassembly_Area_Info

Field Name	Type	Len	Description
<i>SMF072#04_Reassembly_Area_Info.<fieldname></i>			
zRNN	INT	2	(IBM name: SMF72RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF72RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF072#04_Service_Class_Period

Field Name	Type	Len	Description
<i>SMF072#04_Service_Class_Period.<fieldname></i>			
zPNAM	CHAR	8	(IBM name: R724PNAM) Name of active service policy.
zPTM	TSTMP	8	(IBM name: R724PTM) Local time/date of policy activation (STCK format).
zLCNM	CHAR	8	(IBM name: R724LCNM) Service class name.
zPER#	INT	1	(IBM name: R724PER#) Service class period number.
zUSER	INT	4	(IBM name: R724USER) Number of users found.
zACTV	INT	4	(IBM name: R724ACTV) Number of active users found.
zACTS	INT	4	(IBM name: R724ACTS) Number of active samples (except OUTR).
zIDLS	INT	4	(IBM name: R724IDLS) Number of idle samples.
zPAGE	INT	4	(IBM name: R724PAGE) Number of users delayed for paging at all samples.
zSWAP	INT	4	(IBM name: R724SWAP) Number of users delayed for swapping at all samples.
zOUTR	INT	4	(IBM name: R724OUTR) Number of out and ready users at all samples.
zPGIN	INT	4	(IBM name: R724PGIN) Number of page-ins.
zDIVS	INT	4	(IBM name: R724DIVS) Number of DIV samples.
zLSSA	INT	4	(IBM name: R724LSSA) Total logically swapped samples for the group.
zPSSA	INT	4	(IBM name: R724PSSA) Total swapped samples for the group (except logical).
zUPRO	INT	4	(IBM name: R724UPRO) Total processor using samples for the group.

zUDEV	INT	4	(IBM name: R724UDEV) Total device using samples for the group.
zDPRO	INT	4	(IBM name: R724DPRO) Total processor delay samples for the group.
zDDEV	INT	4	(IBM name: R724DDEV) Total device delay samples for the group.
zDSTO	INT	4	(IBM name: R724DSTO) Total storage delay samples for the group.
zDJES	INT	4	(IBM name: R724DJES) Total JES delay samples for the group.
zDHSM	INT	4	(IBM name: R724DHSM) Total HSM delay samples for the group.
zDXCF	INT	4	(IBM name: R724DXCF) Total XCF delay samples for the group.
zDENQ	INT	4	(IBM name: R724DENQ) Total ENQ delay samples for the group.
zDMNT	INT	4	(IBM name: R724DMNT) Total mount delay samples for the group.
zDMSG	INT	4	(IBM name: R724DMSG) Total message delay samples for the group.
zUNKN	INT	4	(IBM name: R724UNKN) Total unknown state samples for the group.
zVALD	INT	4	(IBM name: R724VALD) Total valid samples for the group (single state sum of all using, delay, idle, and unknown).
zLSCT	INT	4	(IBM name: R724LSCT) Count of 'long' logical swaps for the group.
zESCT	INT	4	(IBM name: R724ESCT) Count of 'long' swaps to expanded storage for the group.
zPSCT	INT	4	(IBM name: R724PSCT) Count of 'long' physical swaps for the group.
zACTF	FLOAT	8	(IBM name: R724ACTF) Number of active frames.
zIDLE	FLOAT	8	(IBM name: R724IDLE) Number of idle frames.
zSLOT	FLOAT	8	(IBM name: R724SLOT) Number of slots used.
zDIV	FLOAT	8	(IBM name: R724DIV) Number of DIV frames.
zFIX	FLOAT	8	(IBM name: R724FIX) Number of fixed frames.
zLSCF	FLOAT	8	(IBM name: R724LSCF) Number of central frames for all logically swapped users at all samples.
zLSEF	FLOAT	8	(IBM name: R724LSEF) Number of expanded frames for all logically swapped users at all samples.
zPSEF	FLOAT	8	(IBM name: R724PSEF) Number of expanded frames for all swapped users (except logical) at all samples.
zVECT	FLOAT	8	(IBM name: R724VECT) Total vector utilization time for the group (microseconds).
zET	FLOAT	8	(IBM name: R724ET) Total execution time for all transactions that ended in the group (1024-microsecond units). Does not include queued time.
zQT	FLOAT	8	(IBM name: R724QT) Total time spent on JES or APPC queues by all transactions that ended in the group (1024-microsecond units).
zEND	FLOAT	8	

			(IBM name: R724END) Number of transactions that ended in the group .
zTSV	FLOAT	8	(IBM name: R724TSV) Sum of shared page views.
zVIN	FLOAT	8	(IBM name: R724VIN) Sum of shared pages in central storage that are valid.
zVLC	FLOAT	8	(IBM name: R724VLC) Sum of shared page validations.
zGPI	FLOAT	8	(IBM name: R724GPI) Sum of shared page-ins from auxiliary storage.
zETX	FLOAT	8	(IBM name: R724ETX) Total execution time for all transactions that ended in the group. Same as zET, but in microseconds.
zQTX	FLOAT	8	(IBM name: R724QTX) Total time spent on JES or APPC queues by all transactions that ended in the group. Same as zQT, but in microseconds.

Secondary segment: **SMF072#04_Swap_Reason**

Field Name	Type	Len	Description
<i>SMF072#04_Swap_Reason.<fieldname></i>			
zOR1	INT	4	(IBM name: R724OR1) STOR/OUTR delay samples for swap reason 1: Terminal output wait.
zOR2	INT	4	(IBM name: R724OR2) STOR/OUTR delay samples for swap reason 2: Terminal input wait.
zOR3	INT	4	(IBM name: R724OR3) STOR/OUTR delay samples for swap reason 3: Long wait.
zOR4	INT	4	(IBM name: R724OR4) STOR/OUTR delay samples for swap reason 4: Auxiliary storage shortage.
zOR5	INT	4	(IBM name: R724OR5) STOR/OUTR delay samples for swap reason 5: Real storage shortage.
zOR6	INT	4	(IBM name: R724OR6) STOR/OUTR delay samples for swap reason 6: Detected long wait.
zOR7	INT	4	(IBM name: R724OR7) STOR/OUTR delay samples for swap reason 7: Requested swap. No longer used - refer to zOR7A.
zOR8	INT	4	(IBM name: R724OR8) STOR/OUTR delay samples for swap reason 8: Enqueue exchange swap.
zOR9	INT	4	(IBM name: R724OR9) STOR/OUTR delay samples for swap reason 9: Exchange swap.
zOR10	INT	4	(IBM name: R724OR10) STOR/OUTR delay samples for swap reason 10: Unilateral swap.
zOR11	INT	4	(IBM name: R724OR11) STOR/OUTR delay samples for swap reason 11: Transition swap.
zOR12	INT	4	(IBM name: R724OR12) STOR/OUTR delay samples for swap reason 12: Improve central storage usage.
zOR13	INT	4	(IBM name: R724OR13) STOR/OUTR delay samples for swap reason 13: Improve system paging rate.
zOR14	INT	4	(IBM name: R724OR14) STOR/OUTR delay samples for swap reason 14: Make room for an out too long user.
zOR15	INT	4	(IBM name: R724OR15) STOR/OUTR delay samples for swap reason 15: APPC wait.

zOR16	INT	4	(IBM name: R724OR16) STOR/OUTR delay samples for swap reason 16: OMVS input wait.
zOR17	INT	4	(IBM name: R724OR17) STOR/OUTR delay samples for swap reason 17: OMVS output wait.
zOR18	INT	4	(IBM name: R724OR18) STOR/OUTR delay samples for swap reason 18: In-real swap.
zOR7A	INT	4	(IBM name: R724OR7A) STOR/OUTR delay samples for swap reason 7: Memory pool shortage

Record Type 72 Subtype 5 - Serialization Delay

Primary Segment:

- SMF072#05_RMF_Serialization_Delay

Secondary Segment(s): 11 (in alphabetical order)

- SMF072#05_CML_Lock_Owner
- SMF072#05_CML_Lock_Requestor
- SMF072#05_CMS_Lock
- SMF072#05_GRS_Enqueue
- SMF072#05_GRS_Latch
- SMF072#05_GRS_QScan
- SMF072#05_Local_Lock
- SMF072#05_Product
- SMF072#05_Reassembly_Area
- SMF072#05_Reassembly_Area_Info
- SMF072#05_Serialization_Control

Primary segment: SMF072#05_RMF_Serialization_Delay

Field Name	Type	Len	Description
SMF072#05_RMF_Serialization_Delay.<fieldname>			
SMF072#05_RMF_Serialization_Delay.Header_self_defining_section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF72FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF72RTY) Record type 72(X'48').
zTME	TSTMP	8	(IBM name: SMF72TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF72SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF72SSI) Subsystem identification (RMF).
zSTY	INT	2	(IBM name: SMF72STY) Record SubType.
zTRN	INT	2	(IBM name: SMF72TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF72PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF72PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF72PRN) Number of RMF Product sections. Individual header extension for SubType 3:
zSES	INT	4	(IBM name: SMF72SES) Offset to Serialization control section.
zSEL	INT	2	(IBM name: SMF72SEL) Length of Serialization control section.
zSEN	INT	2	(IBM name: SMF72SEN) Number of Serialization control sections. System suspend lock data sections:
zCMS	INT	4	(IBM name: SMF72CMS) Offset to CMS lock data section.

zCML	INT	2	(IBM name: SMF72CML) Length of CMS lock data section.
zCMN	INT	2	(IBM name: SMF72CMN) Number of CMS lock data sections.
zEDS	INT	4	(IBM name: SMF72EDS) Offset to CMS EnqueueDequeue lock data section.
zEDL	INT	2	(IBM name: SMF72EDL) Length of CMS EnqueueDequeue lock data section.
zEDN	INT	2	(IBM name: SMF72EDN) Number of CMS EnqueueDequeue lock data sections.
zLAS	INT	4	(IBM name: SMF72LAS) Offset to CMS latch lock data section.
zLAL	INT	2	(IBM name: SMF72LAL) Length of CMS latch lock data section.
zLAN	INT	2	(IBM name: SMF72LAN) Number of CMS latch lock data sections.
zSMS	INT	4	(IBM name: SMF72SMS) Offset to CMS SMF lock data section.
zSML	INT	2	(IBM name: SMF72SML) Length of CMS SMF lock data section.
zSMN	INT	2	(IBM name: SMF72SMN) Number of CMS SMF lock data sections.
zLOS	INT	4	(IBM name: SMF72LOS) Offset to local lock data section.
zLOL	INT	2	(IBM name: SMF72LOL) Length of local lock data section.
zLON	INT	2	(IBM name: SMF72LON) Number of local lock data sections.
zCOS	INT	4	(IBM name: SMF72COS) Offset to CML lock owner data section.
zCOL	INT	2	(IBM name: SMF72COL) Length of CML lock owner data section.
zCON	INT	2	(IBM name: SMF72CON) Number of CML lock owner data sections.
zCRS	INT	4	(IBM name: SMF72CRS) Offset to CML lock requestor data section.
zCRL	INT	2	(IBM name: SMF72CRL) Length of CML lock requestor data section.
zCRN	INT	2	(IBM name: SMF72CRN) Number of CML lock requestor data sections. GRS data sections:
zLCS	INT	4	(IBM name: SMF72LCS) Offset to GRS latch set creator data section.
zLCL	INT	2	(IBM name: SMF72LCL) Length of GRS latch set creator data section.
zLCN	INT	2	(IBM name: SMF72LCN) Number of GRS latch set creator data sections.
zLRS	INT	4	(IBM name: SMF72LRS) Offset to GRS latch set requestor data section.
zLRL	INT	2	(IBM name: SMF72LRL) Length of GRS latch set requestor data section.
zLRN	INT	2	(IBM name: SMF72LRN) Number of GRS latch set requestor data sections.
zTDS	INT	4	(IBM name: SMF72TDS) Offset to GRS ENQ SCOPE=STEP data section.
zTDL	INT	2	(IBM name: SMF72TDL) Length of GRS ENQ SCOPE=STEP data section.

zTDN	INT	2	(IBM name: SMF72TDN) Number of GRS ENQ SCOPE=STEP data sections.
zYDS	INT	4	(IBM name: SMF72YDS) Offset to GRS ENQ SCOPE=SYSTEM data section.
zYDL	INT	2	(IBM name: SMF72YDL) Length of GRS ENQ SCOPE=SYSTEM data section.
zYDN	INT	2	(IBM name: SMF72YDN) Number of GRS ENQ SCOPE=SYSTEM data sections. 132 82 SMF72SDS 4 BINARY Offset to GRS ENQ SCOPE=SYSTEMS data section.
zSDL	INT	2	(IBM name: SMF72SDL) Length of GRS ENQ SCOPE=SYSTEMS data section.
zSDN	INT	2	(IBM name: SMF72SDN) Number of GRS ENQ SCOPE=SYSTEMS data sections.
zQSS	INT	4	(IBM name: SMF72QSS) Offset to GRS QScan statistics data section.
zQSL	INT	2	(IBM name: SMF72QSL) Length of GRS QScan statistics data section.
zQSN	INT	2	(IBM name: SMF72QSN) Number of GRS QScan statistics data sections.

Secondary segment: **SMF072#05_Product**

Field Name	Type	Len	Description
<i>SMF072#05_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF72MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF72PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF72IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF72DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF72INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF72SAM) Number of RMF samples.

SMF072#05_Product.zFLA.<fieldname>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
zIIPBoost	BIT	1	zIIP boost was active during entire interval.
zSpeedBoost	BIT	1	Speed boost was active during entire interval.
z_Boost_Class	BINT (ENUM)	3	

SMF072#05_Product.<fieldname>			
zCYC	DEC		

		4 (7,0)	(IBM name: SMF72CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF72MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF72IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF072#05_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF072#05_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF72PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF72SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF72IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF72LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF72RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF72RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF72RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF72OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF72SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF72GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF72XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF72SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

Secondary segment: **SMF072#05_Reassembly_Area**

Field Name	Type	Len	Description
<i>SMF072#05_Reassembly_Area.<fieldname></i>			
zRBR	INT	2	(IBM name: SMF72RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF72RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF72RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF72RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF72RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

Secondary segment: **SMF072#05_Reassembly_Area_Info**

Field Name	Type	Len	Description
<i>SMF072#05_Reassembly_Area_Info.<fieldname></i>			
zRNN	INT	2	(IBM name: SMF72RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF72RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF072#05_Serialization_Control**

Field Name	Type	Len	Description
<i>SMF072#05_Serialization_Control.<fieldname></i>			
zSGMO	INT	1	(IBM name: R725SGMO) GRS mode. Value Meaning 0 NONE 1 RING 2 STAR
<i>SMF072#05_Serialization_Control.CMS_Lock.<fieldname></i>			
zSCMS	INT	8	(IBM name: R725SCMS) Total number of times that a unit of work was suspended on a CMS lock.
zSCMA	INT	8	(IBM name: R725SCMA) Total number of times that a unit of work was suspended on a CMS lock when there was already at least one other unit of work suspended for the lock.
zSCMT	INT	8	(IBM name: R725SCMT) Total amount of time in milliseconds that a unit of work was suspended on a CMS lock.

SMF072#05_Serialization_Control.CMS_Enq_Deq.<fieldname>			
zSEDS	INT	8	(IBM name: R725SEDS) Total number of times that a unit of work was suspended on a CMS Enqueue/Dequeue lock.
zSEDA	INT	8	(IBM name: R725SEDA) Total number of times that a unit of work was suspended on a CMS Enqueue/Dequeue lock when there was already at least one other unit of work suspended for the lock.
zSEDT	INT	8	(IBM name: R725SEDT) Total amount of time in milliseconds that a unit of work was suspended on a CMS Enqueue/Dequeue lock.

SMF072#05_Serialization_Control.CMS_Latch_Lock.<fieldname>			
zSLAS	INT	8	(IBM name: R725SLAS) Total number of times that a unit of work was suspended on a CMS Latch lock.
zSLAA	INT	8	(IBM name: R725SLAA) Total number of times that a unit of work was suspended on a CMS Latch lock when there was already at least one other unit of work suspended for the lock.
zSLAT	INT	8	(IBM name: R725SLAT) Total amount of time in milliseconds that a unit of work was suspended on a CMS Latch lock.

SMF072#05_Serialization_Control.CMS_SMF_Lock.<fieldname>			
zSSMS	INT	8	(IBM name: R725SSMS) Total number of times that a unit of work was suspended on a CMS SMF lock.
zSSMA	INT	8	(IBM name: R725SSMA) Total number of times that a unit of work was suspended on a CMS SMF lock when there was already at least one other unit of work suspended for the lock.
zSSMT	INT	8	(IBM name: R725SSMT) Total amount of time in milliseconds that a unit of work was suspended on a CMS SMF lock.

SMF072#05_Serialization_Control.CMS_Local_Lock.<fieldname>			
zSLOS	INT	8	(IBM name: R725SLOS) Total number of times that a unit of work was suspended on a local lock.
zSLOA	INT	8	(IBM name: R725SLOA) Total number of times that a unit of work was suspended on a local lock when there was already at least one other unit of work suspended for the lock.
zSLOT	INT	8	(IBM name: R725SLOT) Total amount of time in milliseconds that a unit of work was suspended on a local lock.

SMF072#05_Serialization_Control.CML_Lock_Owner.<fieldname>			
zSCLS	INT	8	(IBM name: R725SCLS) Total number of times that a unit of work from another address space was suspended when requesting the local lock of an address space.
zSCLA	INT	8	(IBM name: R725SCLA) Total number of times that a unit of work from another address space was suspended when requesting the local lock of an address space and there was already at least one other unit of work suspended for the lock.
zSCLT	INT	8	(IBM name: R725SCLT) Total amount of time in milliseconds that a unit of work from another address space was suspended when requesting the local lock of an address space.

SMF072#05_Serialization_Control.GRS_Latch_Obtain.<fieldname>			
---	--	--	--

zSLRS	INT	8	(IBM name: R725SLRS) Total number of suspended latch obtain requests.
zSLRT	INT	8	(IBM name: R725SLRT) Total amount of time in milliseconds that latch obtain requests were suspended.
zSLRQ	HEX	16	(IBM name: R725SLRQ) Total sum of squares of time in milliseconds that latch obtain requests were suspended. GRS ENQ SCOPE=STEP Summary - system wide data for all address spaces.

SMF072#05_Serialization_Control.GRS_ENQ_SCOPE_STEP.<fieldname>

zSSTR	INT	8	(IBM name: R725SSTR) Total number of ENQ SCOPE=STEP requests.
zSSTS	INT	8	(IBM name: R725SSTS) Total number of ENQ SCOPE=STEP requests that were suspended.
zSSTT	INT	8	(IBM name: R725SSTT) Total amount of contention time in milliseconds caused by ENQ SCOPE=STEP requests.
zSSTQ	HEX	16	(IBM name: R725SSTQ) Total sum of squares of contention time in milliseconds caused by ENQ SCOPE=STEP requests. GRS ENQ SCOPE=SYSTEM Summary - system wide data for all address spaces.

SMF072#05_Serialization_Control.GRS_ENQ_SCOPE_SYSTEM.<fieldname>

zSSYR	INT	8	(IBM name: R725SSYR) Total number of ENQ SCOPE=SYSTEM requests.
zSSYS	INT	8	(IBM name: R725SSYS) Total number of ENQ SCOPE=SYSTEM requests that were suspended.
zSSYT	INT	8	(IBM name: R725SSYT) Total amount of contention time in milliseconds caused by ENQ SCOPE=SYSTEM requests.
zSSYQ	HEX	16	(IBM name: R725SSYQ) Total sum of squares of contention time in milliseconds caused by ENQ SCOPE=SYSTEM requests. GRS ENQ SCOPE=SYSTEMS Summary - system wide data for all address spaces.
zSSSR	INT	8	(IBM name: R725SSSR) Total number of ENQ SCOPE= SYSTEMS requests.
zSSSS	INT	8	(IBM name: R725SSSS) Total number of ENQ SCOPE= SYSTEMS requests that were suspended.
zSSST	INT	8	(IBM name: R725SSST) Total amount of contention time in milliseconds caused by ENQ SCOPE= SYSTEMS requests.
zSSSQ	HEX	16	(IBM name: R725SSSQ) Total sum of squares of contention time in milliseconds caused by ENQ SCOPE=SYSTEMS requests.

Secondary segment: SMF072#05_CMS_Lock

Field Name	Type	Len	Description
<i>SMF072#05_CMS_Lock.<fieldname></i>			
zCMJN	CHAR	8	(IBM name: R725CMJN) Name of the job.
zCMSP	INT	1	(IBM name: R725CMSP) Service class period.
zCMAS	INT	2	(IBM name: R725CMAS) Address space ID.
zCMST	HEX	8	

			(IBM name: R725CMST) Address space SToken.
zCMSN	CHAR	8	(IBM name: R725CMSN) Service class name.
zCMTY	INT	1	(IBM name: R725CMTY) Lock type: Value Meaning 1 CMS lock 2 CMS Enqueue/Dequeue lock 3 CMS Latch lock 4 CMS SMF lock
zCMSU	INT	8	(IBM name: R725CMSU) Number of times that a unit of work of this address space was suspended on the CMS lock type as specified in zCMTY.
zCMAL	INT	8	(IBM name: R725CMAL) Number of times that a unit of work of this address space was suspended on the CMS lock type as specified in zCMTY when there was already at least one other unit of work suspended for this lock.
zCMTI	INT	8	(IBM name: R725CMTI) Total amount of time in milliseconds that a unit of work of this address space was suspended on the CMS lock type as specified in zCMTY.

Secondary segment: SMF072#05_Local_Lock

Field Name	Type	Len	Description
<i>SMF072#05_Local_Lock.<fieldname></i>			
zLOJN	CHAR	8	(IBM name: R725LOJN) Name of the job.
zLOSP	INT	1	(IBM name: R725LOSP) Service class period.
zLOAS	INT	2	(IBM name: R725LOAS) Address space ID.
zLOST	HEX	8	(IBM name: R725LOST) Address space SToken.
zLOSN	CHAR	8	(IBM name: R725LOSN) Service class name.
zLOSU	INT	8	(IBM name: R725LOSU) Number of times that a unit of work of this address space was suspended on a local lock.
zLOAL	INT	8	(IBM name: R725LOAL) Number of times that a unit of work of this address space was suspended on a local lock when there was already at least one other unit of work suspended.
zLOTI	INT	8	(IBM name: R725LOTI) Total amount of time in milliseconds that a unit of work of this address space was suspended on a local lock.
zLCSU	INT	8	(IBM name: R725LCSU) Number of times that a unit of work from another address space was suspended when requesting the local lock of this address space.
zLCAL	INT	8	(IBM name: R725LCAL) Number of times that a unit of work from another address space was suspended when requesting the local lock of this address space and there was already at least one other unit of work waiting for that lock.
zLCTI	INT	8	(IBM name: R725LCTI) Total amount of time in milliseconds that a unit of work was suspended when requesting the local lock of this address space.

Secondary segment: **SMF072#05_CML_Lock_Owner**

Field Name	Type	Len	Description
<i>SMF072#05_CML_Lock_Owner.<fieldname></i>			
zCOJN	CHAR	8	(IBM name: R725COJN) Name of the job.
zCOSP	INT	1	(IBM name: R725COSP) Service class period.
zCOAS	INT	2	(IBM name: R725COAS) Address space ID.
zCOST	HEX	8	(IBM name: R725COST) Address space SToken.
zCOSN	CHAR	8	(IBM name: R725COSN) Service class name.
zCOSU	INT	8	(IBM name: R725COSU) Number of times that a unit of work from another address space was suspended when requesting the local lock of this address space.
zCOAL	INT	8	(IBM name: R725COAL) Number of times that a unit of work from another address space was suspended when requesting the local lock of this address space and there was already at least one other unit of work waiting for that lock.
zCOTI	INT	8	(IBM name: R725COTI) Total amount of time in milliseconds that a unit of work was suspended when requesting the local lock of this address space. Local lock data
zCLSU	INT	8	(IBM name: R725CLSU) Number of times that a unit of work of this address space was suspended on a local lock.
zCLAL	INT	8	(IBM name: R725CLAL) Number of times that a unit of work of this address space was suspended on a local lock when there was already at least one other unit of work suspended.
zCLTI	INT	8	(IBM name: R725CLTI) Total amount of time in milliseconds that a unit of work of this address space was suspended on a local lock.

Secondary segment: **SMF072#05_CML_Lock_Requestor**

Field Name	Type	Len	Description
<i>SMF072#05_CML_Lock_Requestor.<fieldname></i>			
zCRJN	CHAR	8	(IBM name: R725CRJN) Name of the job.
zCRSP	INT	1	(IBM name: R725CRSP) Service class period.
zCRAS	INT	2	(IBM name: R725CRAS) Address space ID.
zCRST	HEX	8	(IBM name: R725CRST) Address space SToken.
zCRSN	CHAR	8	(IBM name: R725CRSN) Service class name.
zCRSU	INT	8	(IBM name: R725CRSU) Number of times that a unit of work from this address space was suspended when requesting the local lock of another address space.
zCRAL	INT	8	(IBM name: R725CRAL) Number of times that a unit of work from this address space was suspended when requesting the local lock of another address space and there was already at least one other unit of work waiting for that lock.

zCRTI	INT	8	(IBM name: R725CRTI) Total amount of time in milliseconds that a unit of work was suspended when requesting the local lock of another address space.
-------	-----	---	---

Secondary segment: **SMF072#05_GRS_Latch**

Field Name	Type	Len	Description
<i>SMF072#05_GRS_Latch.<fieldname></i>			
zLAJN	CHAR	8	(IBM name: R725LAJN) Name of the job.
zLASP	INT	1	(IBM name: R725LASP) Service class period.
zLAAS	INT	2	(IBM name: R725LAAS) Address space ID.
zLAST	HEX	8	(IBM name: R725LAST) Address space SToken.
zLASN	CHAR	8	(IBM name: R725LASN) Service class name.
zLATY	INT	1	(IBM name: R725LATY) Request type: Value Meaning 1 LATCH obtain requests against a latch set created by this address space 2 LATCH obtain requests from this address space
zLASU	INT	8	(IBM name: R725LASU) Number of times a latch obtain request was suspended for the request type as specified in zLATY.
zLATI	INT	8	(IBM name: R725LATI) Total amount of suspend time in milliseconds that was caused by latch obtain requests for the request type as specified in zLATY.
zLASQ	HEX	16	(IBM name: R725LASQ) Sum of squares of the individual suspend times in milliseconds that was caused by latch obtain requests for the request type as specified in zLATY.

Secondary segment: **SMF072#05_GRS_Enqueue**

Field Name	Type	Len	Description
<i>SMF072#05_GRS_Enqueue.<fieldname></i>			
zENJN	CHAR	8	(IBM name: R725ENJN) Name of the job.
zENSP	INT	1	(IBM name: R725ENSP) Service class period.
zENAS	INT	2	(IBM name: R725ENAS) Address space ID.
zENST	HEX	8	(IBM name: R725ENST) Address space SToken.
zENSN	CHAR	8	(IBM name: R725ENSN) Service class name.
zENSC	INT	1	(IBM name: R725ENSC) Enqueue scope type: Value Meaning 1 SC0PE = Step 2 SC0PE = System 3 SC0PE = Systems
zENRC	INT	8	(IBM name: R725ENRC) Number of GRS ENQ requests with the scope as specified in zENSC for this address space.
zENSU	INT	8	

			(IBM name: R725ENSU) Number of GRS ENQ requests with the scope as specified in zENSC that were suspended for this address space.
zENTI	INT	8	(IBM name: R725ENTI) Total amount of suspend time in milliseconds that was caused by GRS ENQ requests with the scope as specified in zENSC for this address space.
zENSQ	HEX	16	(IBM name: R725ENSQ) Sum of squares of the individual suspend times in milliseconds.

Secondary segment: SMF072#05_GRS_QScan

Field Name	Type	Len	Description
<i>SMF072#05_GRS_QScan.<fieldname></i>			
zQSJN	CHAR	8	(IBM name: R725QSJN) Name of the job.
zQSSP	INT	1	(IBM name: R725QSSP) Service class period.
zQSAS	INT	2	(IBM name: R725QSAS) Address space ID.
zQSST	HEX	8	(IBM name: R725QSST) Address space SToken.
zQSSN	CHAR	8	(IBM name: R725QSSN) Service class name.
zQSRC	INT	8	(IBM name: R725QSRC) Number of requests including START and RESUME requests, but not QUIT requests.
zQSSC	INT	8	(IBM name: R725QSSC) Number of specific requests that are either GQSCAN requests specified by QNAME and RNAME, or ISGQUERY requests specifying a search by ENQTOKEN.
zQSRR	INT	8	(IBM name: R725QSRR) Total number of resources returned for these requests.
zQSRQ	HEX	16	(IBM name: R725QSRQ) Sum of squares of number of resources returned for these requests.
zQSTI	TIME	8	(IBM name: R725QSTI) Total amount of execution times within GRS for these requests in microseconds.
zQSTQ	HEX	16	(IBM name: R725QSTQ) Sum of squares of individual request execution times in microseconds.

Record Type 73 - RMF Channel Path Activity

SMF Record 73 (RMF Channel Path Activity) is mapped by structure member "T073".

Primary Segment:

- SMF073_RMF_Channel_Path

Secondary Segment(s): 8 (in alphabetical order)

- SMF073_CP_Control
- SMF073_CP_Data
- SMF073_CPMF_Channel_Measurement_1
- SMF073_CPMF_Channel_Measurement_2
- SMF073_CPMF_Channel_Measurement_3
- SMF073_CPMF_Extended_Channel_Measurement_2
- SMF073_Extended_CP
- SMF073_Product

Primary segment: SMF073_RMF_Channel_Path

Field Name	Type	Len	Description
<i>SMF073_RMF_Channel_Path.<fieldname></i>			
<i>SMF073_RMF_Channel_Path.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF73FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF73RTY) Record type 73 (X'49').
zTME	TSTMP	8	(IBM name: SMF73TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF73SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF73SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF73STY) Record SubType=1.
zTRN	INT	2	(IBM name: SMF73TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF73PRS) Offset to RMF product section from RDW.
zPRL	INT	2	(IBM name: SMF73PRL) Length of RMF product section.
zPRN	INT	2	(IBM name: SMF73PRN) Number of RMF product sections.
zHIS	INT	4	(IBM name: SMF73HIS) Offset to channel path control section from RDW.
zHIL	INT	2	(IBM name: SMF73HIL) Length of channel path control section.
zHIN	INT	2	(IBM name: SMF73HIN) Number of channel path control sections.
zHPS	INT	4	(IBM name: SMF73HPS) Offset to Channel Path data section from RDW.
zHPL	INT	2	(IBM name: SMF73HPL) Length of Channel Path data section.

zHPN	INT	2	(IBM name: SMF73HPN) Number of Channel Path data sections.
zHES	INT	4	(IBM name: SMF73HES) Offset to Extended Channel Path data section from RDW.
zHEL	INT	2	(IBM name: SMF73HEL) Length of Extended Channel Path data section.
zHEN	INT	2	(IBM name: SMF73HEN) Number of Extended Channel Path data sections.

Secondary segment: SMF073_Product

Field Name	Type	Len	Description
<i>SMF073_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF73MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF73PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF73IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF73DAT) Date when the RMF measurement interval started, in the form 0cyyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF73INT) Duration of RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. The end of the measurement interval is the sum of the record start time (and this field).
zSAM	INT	4	(IBM name: SMF73SAM) Number of RMF samples.

SMF073_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF073_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF73CYC) Sampling cycle length, in the form 000tttF, where ttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF73MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF73IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF073_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed

zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF073_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF73PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF73SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF73IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF73LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF73RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF73RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF73RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF71RAO) and length (SMF71RAL) are only valid if SMF71RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF73OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF73SYN) SYNC value in seconds.
zGIE	TSTMP	8	(IBM name: SMF73GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF73XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF73SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF073_Product.Reassembly_Area.<fieldname>			
zRBR	INT	2	(IBM name: SMF73RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF73RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF73RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF73RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF73RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF073_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF73RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the

			original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF73RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF073_CP_Control

Field Name	Type	Len	Description
<i>SMF073_CP_Control.<fieldname></i>			
zSMP	INT	4	(IBM name: SMF73SMP) This field contains the number of samples while the busy count is stored in field SMF73BSY. Only valid if bit 2 0F SMF73SFL is not set.

<i>SMF073_CP_Control.zCFL.<fieldname></i>			
zChg	BIT	1	Configuration changed. Used to decide whether to provide the text 'POR' or 'ACTIVATE' on reports. Also used to check whether data can be combined in a duration report.
zSincePOR	BIT	1	Configuration change since power-on-reset (POR).
zIODF	BIT	1	POR using IODF data set that supports dynamic configuration change (contains I/O token).
zIOTokValid	BIT	1	I/O token is valid.
zInvalData	BIT	1	Record may include data sections that are not valid.
zCPMFavail	BIT	1	CPMF (channel path measurement facility) available.
zCPMFmode	BIT	1	CPMF mode has changed.

<i>SMF073_CP_Control.zSFL.<fieldname></i>			
zDCM	BIT	1	DCM supported by hardware.
zDCMchann	BIT	1	Configuration contains DCM managed channels.
zMLCS	BIT	1	Hardware allows multiple logical channel subsystems.
zECMF	BIT	1	Enhanced channel measurement facility available.

<i>SMF073_CP_Control.<fieldname></i>			
zTNM	CHAR	44	(IBM name: SMF73TNM) IODF name.
zTSF	CHAR	2	(IBM name: SMF73TSF) IODF name suffix.
zTDT	CHAR	8	(IBM name: SMF73TDT) IODF creation date, in the form mm/dd/yy.
zTTM	CHAR	8	(IBM name: SMF73TTM) IODF creation time, in the form hh.mm.ss.
zCRC	INT	4	(IBM name: SMF73CRC) CPMF (channel path measurement facility) restart count
zCSC	INT	4	(IBM name: SMF73CSC) Last CPMF (channel path measurement facility) sample count
zTDY	CHAR	10	(IBM name: SMF73TDY) IODF creation date, in the form mm/dd/yyyy.
zCMI		1	

	INT (ENUM)		(IBM name: SMF73CMI) CPMF mode.
zCSS	CHAR	1	(IBM name: SMF73CSS) Channel subsystem ID. Only valid if bit 2 0F SMF73SFL is set.

Secondary segment: **SMF073_CP_Data**

Field Name	Type	Len	Description
<i>SMF073_CP_Data.<fieldname></i>			
zPID	INT	1	(IBM name: SMF73PID) Channel path identification. The range of values is X'0' to X'FF'. Support for dynamic I/O. There are always X'FF' path data sections in record type 73, even though there might not be X'FF' CHPIDs defined in the system. These dummy data sections in the SMF records only contain the channel path ID. The rest is filled with hexadecimal zeroes.

<i>SMF073_CP_Data.zFG2.<fieldname></i>			
zBlockMP	BIT	1	Block multiplexor
zByteMP	BIT	1	Byte multiplexor
zPartial	BIT	1	Only partial statistics available
zReconfigured	BIT	1	Data recorded is incorrect because channel path was reconfigured during interval
zOnline	BIT	1	Channel path is currently online.

<i>SMF073_CP_Data.zFG3.<fieldname></i>			
zES	BIT	1	ES connection channel
zESdir	BIT	1	ES connection director attached to channel path
zESconv	BIT	1	ES connection converter attached to this channel
zCPMod	BIT	1	Channel path modified
zCPDel	BIT	1	Channel path deleted
zCPAdd	BIT	1	Channel path added
zCPVal	BIT	1	Valid path
zCPShr	BIT	1	Channel path is shared between logical partitions

<i>SMF073_CP_Data.zFG4.<fieldname></i>			
zCPMBInval	BIT	1	CPMB (channel path measurement block) entry not valid
zCTC	BIT	1	Channel path is CTC defined
zCv3090	BIT	1	Channel conversion 3090
zDCM	BIT	1	Channel path is DCM managed
zChgIntvl	BIT	1	Channel characteristics changed during interval
zCPExt	BIT	1	Extended channel path measurements are supported
zPNID	BIT	1	Physical-network identifiers SMF73NT1 and SMF73NT2 are valid.

<i>SMF073_CP_Data.<fieldname></i>			
zBSY	INT	4	(IBM name: SMF73BSY) Count of store channel path status (STCPS) samples taken by SRM in which the channel path related to this entry was found busy. This count is normalized (broken down into the simplest expression).
zPBY	INT	4	(IBM name: SMF73PBY) Partition's channel-path-busy-time since last RMF interval, in units of 1024

			MICROSECONDS.
zPTI	INT	4	(IBM name: SMF73PTI) Partition's channel-path measurement interval, in units of 1024 MICROSECONDS.
zCPD	INT	1	(IBM name: SMF73CPD) Channel path description. For an explanation, you can issue the command D M=CHP.
zACR	CHAR	5	(IBM name: SMF73ACR) Channel path acronym.
zCMG	INT	1	(IBM name: SMF73CMG) CPMF Channel measurement group.
zFG5	BIT	8	CPMF validation flags - each bit (if on) indicates that the corresponding measurement data is available and valid. This refers to the first five words of the channel measurement data in field SMF73CCM. Bit Measurement Data 0 CHANNEL measurement data - word
zCCM	HEX	48	(IBM name: SMF73CCM) CPMF Channel measurement data (extended mode). The contents of this field is different for each measurement group, as described in the following tables.
zCPP	INT	1	(IBM name: SMF73CPP) Channel path parameter.
zGEN	INT	1	(IBM name: SMF73GEN) Channel type generation.
zEIX	INT	2	(IBM name: SMF73EIX) Index to Extended Channel Path data section. Only valid if bit 6 OF SMF73FG4 is set.
zSPD	INT	2	(IBM name: SMF73SPD) Channel path speed at the end of interval. If channel path power (bits 4-7 of SMF73MSC) is zero, the channel path speed is in units of 100 MEGABITS per second. Otherwise, this value must be multiplied by 10**Power to get the speed in units of bits per second.
zMSC	INT	1	(IBM name: SMF73MSC) Miscellaneous 0 - 3 Reserved. 4 - 7 Channel path power at the end of interval. If non-zero, this value can be used to calculate the channel path speed (SMF73SPD * 10**Power).
zNT1	CHAR	16	(IBM name: SMF73NT1) Physical-network identifier (PNET ID) of an Ethernet network that is accessible from the first port of the channel path. Only valid for OSD and IQD channel path types.
zNT2	CHAR	16	(IBM name: SMF73NT2) Physical-network identifier (PNET ID) of an Ethernet network that is accessible from the second port of the channel path. Only valid for OSD channel path type.

Secondary segment: SMF073_CPMF_Channel_Measurement_1

Field Name	Type	Len	Description
SMF073_CPMF_Channel_Measurement_1.<fieldname>			
zTUT	FLOAT	4	(IBM name: SMF73TUT) Total channel path busy time (in units of 128 MICROSECONDS).
zPUT	FLOAT	4	(IBM name: SMF73PUT) LPAR channel path busy time (in units of 128 MICROSECONDS).

Secondary segment: SMF073_CPMF_Channel_Measurement_2

Field Name	Type	Len	Description
<i>SMF073_CPMF_Channel_Measurement_2.<fieldname></i>			
zMBC	FLOAT	4	(IBM name: SMF73MBC) Maximum bus cycles per second - word 1.
zMCU	FLOAT	4	(IBM name: SMF73MCU) Maximum channel work units per second - word 2.
zMWU	FLOAT	4	(IBM name: SMF73MWU) Maximum WRITE data units per second - word 3.
zMRU	FLOAT	4	(IBM name: SMF73MRU) Maximum READ data units per second - word 4.
zUS	FLOAT	4	(IBM name: SMF73US) Data unit size (in bytes) - word 5.
zTBC	FLOAT	4	(IBM name: SMF73TBC) Total bus cycles count.
zTUC	FLOAT	4	(IBM name: SMF73TUC) Total channel work unit count.
zPUC	FLOAT	4	(IBM name: SMF73PUC) LPAR channel work units count.
zTWU	FLOAT	4	(IBM name: SMF73TWU) Total WRITE data units count.
zPWU	FLOAT	4	(IBM name: SMF73PWU) LPAR WRITE data units count.
zTRU	FLOAT	4	(IBM name: SMF73TRU) Total READ data units count.
zPRU	FLOAT	4	(IBM name: SMF73PRU) LPAR READ data units count.

Secondary segment: SMF073_CPMF_Channel_Measurement_3

Field Name	Type	Len	Description
<i>SMF073_CPMF_Channel_Measurement_3.<fieldname></i>			
zPDU	FLOAT	4	(IBM name: SMF73PDU) LPAR data unit size (in bytes) - word 1.
zTDU	FLOAT	4	(IBM name: SMF73TDU) Total data unit size (in bytes) - word 2.
zPUM	FLOAT	4	(IBM name: SMF73PUM) LPAR message sent unit size (in bytes) - word 3.
zTUM	FLOAT	4	(IBM name: SMF73TUM) Total message sent unit size (in bytes) - word 4.
zPMS	FLOAT	4	(IBM name: SMF73PMS) LPAR count of message sent units.
zTMS	FLOAT	4	(IBM name: SMF73TMS) Total count of message sent units.
zPUS	FLOAT	4	(IBM name: SMF73PUS) LPAR count of unsuccessful attempts to send messages.
zPUB	FLOAT	4	(IBM name: SMF73PUB) LPAR count of unsuccessful attempts to receive messages due to unavailable buffers.
zTUB	FLOAT	4	(IBM name: SMF73TUB) Total count of unsuccessful attempts to receive messages due to unavailable buffers.

zPDS	FLOAT	4	(IBM name: SMF73PDS) LPAR count of data units sent.
zTDS	FLOAT	4	(IBM name: SMF73TDS) Total count of data units sent.

Secondary segment: **SMF073_Extended_CP**

Field Name	Type	Len	Description
<i>SMF073_Extended_CP.<fieldname></i>			
zECP	INT	1	(IBM name: SMF73ECP) Channel path identification
zEDT	HEX	32	(IBM name: SMF73EDT) CPMF extended channel path measurement data. This field is only available for measurement group 2. See 'SMF73EDT - CPMF Extended Channel Measurement Data (Measurement Group 2)' for the contents of the field.

Secondary segment: **SMF073_CPMF_Extended_Channel_Measurement_2**

Field Name	Type	Len	Description
<i>SMF073_CPMF_Extended_Channel_Measurement_2.<fieldname></i>			
zEOC	FLOAT	4	(IBM name: SMF73EOC) Total number of FICON command-mode operations (CPC) that have been attempted by the channel.
zEOD	FLOAT	4	(IBM name: SMF73EOD) Total number of FICON command-mode operations (CPC) that could not be initiated by the channel because of a lack of available resources.
zEOS	FLOAT	8	(IBM name: SMF73EOS) Summation count of FICON command-mode operations (CPC). Each time the number of FICON command-mode operations is incremented, the number of FICON command-mode operations active at the channel, including the one being initiated, is added to this field.
zETC	FLOAT	4	(IBM name: SMF73ETC) Total number of FICON transport-mode operations (CPC) that have been attempted by the channel. Zero when zHPF is not available.
zETD	FLOAT	4	(IBM name: SMF73ETD) Total number of FICON transport-mode operations (CPC) that could not be initiated by the channel because of a lack of available resources. Zero when zHPF is not available.
zETS	FLOAT	8	(IBM name: SMF73ETS) Summation count of FICON transport-mode operations (CPC). Each time the number of FICON transport-mode operations is incremented, the number of transport-mode operations active at the channel, including the one being initiated, is added to this field. Zero when zHPF is not available.

Record Type 74 - RMF Activity of Several Resources

SMF Record 74 (RMF Activity of Several Resources) has a number of subtypes, each mapped by a structure member name of the format "T074STnn".

Record Type 74 Subtype 1 - Device Activity

Primary Segment:

- SMF074#01_RMF_Device

Secondary Segment(s): 3 (in alphabetical order)

- SMF074#01_Device_Control
- SMF074#01_Device_Data
- SMF074#01_Product

Primary segment: SMF074#01_RMF_Device

Field Name	Type	Len	Description
<i>SMF074#01_RMF_Device.<fieldname></i>			
SMF074#01_RMF_Device.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74SUB) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
zDCS	INT	4	(IBM name: SMF74DCS) Offset to Device Control data section from RDW.
zDCL	INT	2	(IBM name: SMF74DCL) Length of Device Control data section.
zDCN	INT	2	(IBM name: SMF74DCN) Number of Device Control data sections.
zDDS	INT	4	

			(IBM name: SMF74DDS) Offset to Device data section from RDW.
zDDL	INT	2	(IBM name: SMF74DDL) Length of Device data section.
zDDN	INT	2	(IBM name: SMF74DDN) Number of Device data sections. Individual header extension for SubType 2:

Secondary segment: **SMF074#01_Product**

Field Name	Type	Len	Description
<i>SMF074#01_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

<i>SMF074#01_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

<i>SMF074#01_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

<i>SMF074#01_Product.zPRF.<fieldname></i>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed

zDAT	BIT	1	Enhanced DAT facility
SMF074#01_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#01_Product.Reassembly_Area.<fieldname>			
zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#01_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.

zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.
------	-----	---	--

Secondary segment: SMF074#01_Device_Control

Field Name	Type	Len	Description
SMF074#01_Device_Control.<fieldname>			
zNXT	INT	2	(IBM name: SMF74NXT) Number of Device data sections in following broken records for this logical device class record.
zTOT	INT	2	(IBM name: SMF74TOT) Total number of Device data sections in all records for this logical device class record.
zGEN	INT	2	(IBM name: SMF74GEN) Total number of devices specified for all classes at system installation.
zSUB	INT	2	(IBM name: SMF74SUB) Device class code: Bit Configuration Meaning '0080'X Magnetic tape device '0040'X Communication equipment '0020'X Direct access devices '0010'X Graphics devices '0008'X Unit record devices '0004'X Character reader devices.
zDCF	INT	1	(IBM name: SMF74DCF) Flags for DASD class Bit Meaning when set 0 BOTH sections of report requested 1 SORT by storage group 2-7 Reserved.
zDMS	INT	1	(IBM name: SMF74DMS) Message flag Bit Meaning when set 0 MESSAGE issued that SMS not available 1 SMS interface error 2-7 Reserved.
zENF	INT	1	(IBM name: SMF74ENF) Flags for environment. Bit Meaning when set 0 EXTENDED CMB 1 MODEL-DEPENDENT data not available by STSCH 2 INITIAL command response time valid (SMF74CMR) 3 INTERRUPT-DELAY-TIME facility is provided by channel subsystem 4-7 Reserved
zSMF	INT	1	(IBM name: SMF74SMF) Logical SMF record flag Bit Meaning when set 0 THERE are more logical SMF records for this device class 1-7 Reserved.
zS15	INT	4	(IBM name: SMF74S15) Contents of register 15 AFTER SMS interface call, zero if normal return.
zSRC	INT	4	(IBM name: SMF74SRC) Return code from SMS interface, zero if normal return.
zSRS	INT	4	(IBM name: SMF74SRS) Reason code from SMS interface, zero if normal return.
zTSR	INT	2	(IBM name: SMF74TSR) Total number of small SMF records.
zCFL	INT	1	(IBM name: SMF74CFL) Configuration change flags Bit Meaning when set 0 CONFIGURATION changed. Used to decide whether to provide the text 'POR' or 'ACTIVATE' on reports. Also used to check whether data can be combined in a duration report. 1 CONFIGURATION change since power-on-reset (POR). 2 POR using IOC data set that contains a token. 3 CONFIGURATION token is valid. 4-7 Reserved.
zLSN	INT	1	(IBM name: SMF74LSN) Logical SMF record sequence number within a device class. This number can be used by SMF record assembly programs to recognize conditions where logical SMF records of a device class are not sorted in chronological order.
zTNM	CHAR	44	

			(IBM name: SMF74TNM) IODF name suffix.
zTSF	CHAR	2	(IBM name: SMF74TSF) IODF name suffix.
zTDT	CHAR	8	(IBM name: SMF74TDT) IODF creation date, in the form mm/dd/yy.
zTTM	CHAR	8	(IBM name: SMF74TTM) IODF creation time, in the form hh.mm.ss.
zMCT	INT	4	(IBM name: SMF74MCT) Maximum number of allocated tape devices. This field is zero for devices other than tape.
zTDY	CHAR	10	(IBM name: SMF74TDY) IODF creation date, in the form mm/dd/yyyy.

Secondary segment: SMF074#01_Device_Data

Field Name	Type	Len	Description
<i>SMF074#01_Device_Data.<fieldname></i>			
zNUM	INT	2	(IBM name: SMF74NUM) Device number, in the range X'0000' to X'FFFF'.
zLCU	INT	2	(IBM name: SMF74LCU) Logical control unit number, in the range X'0000' to X'FFFF'.
zCNF	INT	1	(IBM name: SMF74CNF) Device indicator Bit Meaning when set 0 IOS queue length is incorrect 1 NO logical control unit information 2 DATA contained in fields SMF74SSC through SMF74DIS is incorrect 3 DEVICE has been deleted 4 ONLY partial statistics are available 5 RESERVED. 6 DATA recorded is incorrect because device was configured during interval 7 DEVICE is currently online.
zSER	CHAR	6	(IBM name: SMF74SER) Volume serial of the volume mounted on this device (tape or direct access device only).
zTYP	INT	4	(IBM name: SMF74TYP) Unit type.
zNUX	INT	4	(IBM name: SMF74NUX) Number of unit control blocks (UCBs) for a parallel access volume. For HyperPAV base devices (bit 6 OF SMF74CNX is set), this is the accumulated number of HyperPAV aliases.
zSSC	INT	4	(IBM name: SMF74SSC) Start subchannel count. This is the number of physical requests to the device and includes SSCH and RSSCH instructions.
zMEC	INT	4	(IBM name: SMF74MEC) Measurement event count (number of SSCH instructions for which connect, pending, and active times were stored).
zCNN	INT	4	(IBM name: SMF74CNN) Device connect time (in 128-microsecond units).
zPEN	INT	4	(IBM name: SMF74PEN) Device pending time (in 128-microsecond units).
zATV	INT	4	(IBM name: SMF74ATV) Device active time (in 128-microsecond units).
zDIS	INT	4	(IBM name: SMF74DIS) Device disconnect time (in 128-microsecond units).
zQUE	INT	4	(IBM name: SMF74QUE) Number of requests queued in IOS for this device.
zUTL	INT	4	(IBM name: SMF74UTL) Number of samples when the device was reserved but an SSCH instruction had not been issued to the device.

zRSV	INT	4	(IBM name: SMF74RSV) Number of samples taken when the device was reserved.
zALC	INT	4	(IBM name: SMF74ALC) Number of samples taken that indicated that the device was allocated.
zMTP	INT	4	(IBM name: SMF74MTP) Number of samples taken that indicated a mount pending condition.
zNRD	INT	4	(IBM name: SMF74NRD) Number of samples taken that indicated that the device was not ready.
zCOF	INT	2	(IBM name: SMF74COF) Number of requests that had hardware timer overflow for connect time measurement.
zICT	INT	2	(IBM name: SMF74ICT) Number of incorrect samples.
zDVB	INT	4	(IBM name: SMF74DVB) Device busy delay time, from subchannel information block (SCHIB) (in 128-microsecond units).
zCLF	INT	1	(IBM name: SMF74CLF) DASD report control flag Bit Meaning when set 0 NUMBER option active indicator 1 STORAGE group option active indicator 2 STORAGE group name changed during the interval 3 MOUNT pending condition exists at the start of the interval 4 MOUNT pending condition exists at end of the interval 5 RESERVED 6 CTC with special protocol 7 RESERVED.
zSGN	CHAR	8	(IBM name: SMF74SGN) Storage group name as defined by DFSMS.
zNDA	INT	4	(IBM name: SMF74NDA) Total number of allocations in effect for the device.
zDEV	CHAR	8	(IBM name: SMF74DEV) Device model name. This field is blank if device name cannot be determined.
zCU	CHAR	8	(IBM name: SMF74CU) Control unit name. Blank if control unit name cannot be determined.
zCNX	INT	1	(IBM name: SMF74CNX) Device flag extensions: Bit Meaning when set 0 DEVICE dynamically changed 1 DEVICE disconnect time is not valid 2 BASE exposure of a parallel access volume 3 NUMBER of alias exposures has changed 4 TIMING facility not active 5 DEVICE connect time is invalid 6 HYPERPAV base device 7 DEVICE connected to FICON.
zCN2	INT	1	(IBM name: SMF74CN2) Device flag extension 2 BIT Meaning when set 0 HYPERWRITE requested 1 DEVICE in SuperPAV mode 2 DEVICE is capable of performing synchronous I/O read requests 3 DEVICE is capable of performing synchronous I/O write requests 4-7 Reserved.
zMTC	INT	2	(IBM name: SMF74MTC) Number of tape mounts detected against the device during the interval.
zDTS	INT	1	(IBM name: SMF74DTS) Shared Device report control flag Bit Meaning when set 0 VALID node descriptor ID retrieved 1 NO valid node descriptor ID retrieved 2 RESERVED 3 SMF74SHR is valid 4 DEVICE is shared/assigned to multiple systems 5-7 Reserved.
zDCT	CHAR	28	(IBM name: SMF74DCT) Node descriptor ID for selfdescribing devices (if bit 0 0F SMF74SRD on). 4-byte device number in EBCDIC format left justified with trailing blanks (if bit 1 0F SMF74DTS is on).
zHPC	INT	1	(IBM name: SMF74HPC) Number of HyperPAV aliases configured for that LSS.
zNSS	INT	2	(IBM name: SMF74NSS) Number of skipped samples caused by too large delta values.
zPSM	INT	4	(IBM name: SMF74PSM) Number of successful PAV samples.
zPCT	INT	4	(IBM name: SMF74PCT) Number of unsuccessful PAV counts.

zCMR	INT	4	(IBM name: SMF74CMR) Command response time in units of 128 MICROSECONDS.
zCAP	INT	4	(IBM name: SMF74CAP) DASD volume capacity (specified by the number of available cylinders).
zIDT	INT	4	(IBM name: SMF74IDT) Interrupt delay time in units of 128 MICROSECONDS. This field is zero if not supported by the hardware.
zCUQ	INT	4	(IBM name: SMF74CUQ) Control Unit Queuing Time.
zSCS	INT	1	(IBM name: SMF74SCS) Subchannel set ID.
zNM2	INT	2	(IBM name: SMF74NM2) Device number (same as SMF74NUM).
zATD	INT	4	(IBM name: SMF74ATD) Number of times I/Os were subjected to imposed delays due to PAV alias throttling.
zAGC	INT	1	(IBM name: SMF74AGC) The alias management group number defined on the physical controller for this device. This number is valid if the device belongs to a DASD subsystem that supports alias management groups and bit 1 OF SMF74CN2 is set.
zAGS	INT	4	(IBM name: SMF74AGS) The alias management group number assigned by z/OS for this device on this system. This number is valid if the device belongs to a DASD subsystem that supports alias management groups and bit 1 OF SMF74CN2 is set.
zSBR	FLOAT	8	(IBM name: SMF74SBR) Number of synchronous I/O read bytes transferred.
zSBW	FLOAT	8	(IBM name: SMF74SBW) Number of synchronous I/O write bytes transferred.
zSQR	FLOAT	8	(IBM name: SMF74SQR) Number of successfully completed synchronous I/O read requests.
zSQW	FLOAT	8	(IBM name: SMF74SQW) Number of successfully completed synchronous I/O write requests.
zSPR	FLOAT	8	(IBM name: SMF74SPR) Processing time (in 0.5 microsecond units) for synchronous I/O read requests.
zSPW	FLOAT	8	(IBM name: SMF74SPW) Processing time (in 0.5 microsecond units) for synchronous I/O write requests.
SMF75SFTR	FLOAT	8	Elapsed time (in 0.5 microsecond units) for unsuccessful synchronous I/O read requests.
SMF75SFTW	FLOAT	8	Elapsed time (in 0.5 microsecond units) for unsuccessful synchronous I/O write requests.
zSLBR	FLOAT	4	(IBM name: SMF74SLBR) Number of synchronous I/O read link busy conditions.
zSLBW	FLOAT	4	(IBM name: SMF74SLBW) Number of synchronous I/O write link busy conditions.
zSCMR	FLOAT	4	(IBM name: SMF74SCMR) Number of cache miss conditions for synchronous I/O read requests.
zSNIS	FLOAT	4	(IBM name: SMF74SNIS) Number of synchronous I/O write requests where the write data could not be immediately stored.
zSTOR	FLOAT	4	(IBM name: SMF74STOR) Number of synchronous I/O read timeout conditions.
zSTOW	FLOAT	4	(IBM name: SMF74STOW) Number of synchronous I/O write timeout conditions.
zSOR	FLOAT	4	(IBM name: SMF74SOR) Number of synchronous I/O read requests rejected for reasons other than

			link busy, read cache miss or timeout conditions.
zSOW	FLOAT	4	(IBM name: SMF74SOW) Number of synchronous I/O write requests rejected for reasons other than link busy, timeout or deferred write conditions.
zIOS	FLOAT	4	(IBM name: SMF74IOS) IOS Queue time in microseconds

Record Type 74 Subtype 2 - XCF Activity

Primary Segment:

- SMF074#02_RMF_XCF

Secondary Segment(s): 5 (in alphabetical order)

- SMF074#02_Control
- SMF074#02_Member
- SMF074#02_Path
- SMF074#02_Product
- SMF074#02_System

Primary segment: SMF074#02_RMF_XCF

Field Name	Type	Len	Description
SMF074#02_RMF_XCF.<fieldname>			
SMF074#02_RMF_XCF.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z2CO	INT	4	(IBM name: SMF742CO) Offset to Control data section from RDW.
z2CL	INT	2	(IBM name: SMF742CL) Length of Control data section.
z2CN	INT	2	(IBM name: SMF742CN) Number of Control data sections.
z2SO	INT	4	(IBM name: SMF742SO) Offset to System data section from RDW.
z2SL	INT	2	(IBM name: SMF742SL) Length of System data section.
z2SN	INT	2	(IBM name: SMF742SN) Number of System data sections.

z2PO	INT	4	(IBM name: SMF742PO) Offset to Path data section.
z2PL	INT	2	(IBM name: SMF742PL) Length of Path data section.
z2PN	INT	2	(IBM name: SMF742PN) Number of Path data sections.
z2MO	INT	4	(IBM name: SMF742MO) Offset to Member data section from RDW.
z2ML	INT	2	(IBM name: SMF742ML) Length of Member data section.
z2MN	INT	2	(IBM name: SMF742MN) Number of Member data sections. Individual header extension for SubType 3:

Secondary segment: SMF074#02_Product

Field Name	Type	Len	Description
<i>SMF074#02_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

SMF074#02_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF074#02_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF074#02_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
---------	-----	---	---------------------------------

zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#02_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#02_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in

			header section).
SMF074#02_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF074#02_Control**

Field Name	Type	Len	Description
SMF074#02_Control.<fieldname>			
zTSR	INT	2	(IBM name: R742TSR) Total number of type 74 SubType 2 RECORDS written during this interval.
zSTOT	INT	4	(IBM name: R742STOT) Total number of System data sections in all SMF records.
zSNXT	INT	4	(IBM name: R742SNXT) Number of System data sections in records written after this record.
zPTOT	INT	4	(IBM name: R742PTOT) Total number of Path data sections in all SMF records.
zPNXT	INT	4	(IBM name: R742PNXT) Number of Path data sections in records written after this record.
zMTOT	INT	4	(IBM name: R742MTOT) Total number of Member data sections in all SMF records.
zMNXT	INT	4	(IBM name: R742MNXT) Number of Member data sections in records written after this record.

Secondary segment: **SMF074#02_System**

Field Name	Type	Len	Description
SMF074#02_System.<fieldname>			
zSNME	CHAR	8	(IBM name: R742SNME) System name as defined in parmlib member IEASYSxx SYSNAME parameter.
zSSTF	INT	1	(IBM name: R742SSTF) Status flags Bit Meaning when set 0 SYSTEM became active during this interval 1 SYSTEM became inactive during this interval 2 COUNTS reset by XCF during this interval 3 PARTIALLY not active during RMF Postprocessor interval. 4-7 Reserved.
zSDIR	INT	1	(IBM name: R742SDIR) Direction of the message traffic Bit Meaning when set 0 INBOUND. The zSNME system sent messages to the local system. 1 OUTBOUND. The zSNME system receives messages from the local system. 2 LOCAL. This means that the message traffic is within the local system. 3-7 Reserved.
zSPTH	INT	4	(IBM name: R742SPTH) Current number of signalling paths in service (zero for local entry). If outbound entry, count is for the indicated transport class.

zSBSY	INT	4	(IBM name: R742SBSY) Number of no buffer conditions. For local or outbound entry, count is for the indicated transport class.
zSNOP	INT	4	(IBM name: R742SNOP) Number of no path conditions (zero for local entry). For outbound entry, count is for the indicated transport class.
zSMXB	INT	4	(IBM name: R742SMXB) Maximum 1K blocks of message buffer space. For local or outbound entry, count is for the indicated transport class.
zSBIG	INT	4	(IBM name: R742SBIG) Number of big message conditions (zero for inbound entry).
zSFIT	INT	4	(IBM name: R742SFIT) Number of message fit conditions (zero for inbound entry).
zSSML	INT	4	(IBM name: R742SSML) Number of small message conditions (zero for inbound entry).
zSOVR	INT	4	(IBM name: R742SOVR) Number of big messages that exceeded the message length for which XCF was optimized (zero for inbound entry).
zSTCL	INT	4	(IBM name: R742STCL) Message length for transport class (zero for inbound entry).
zSTCN	CHAR	8	(IBM name: R742STCN) Transport class name (blanks for inbound entry).

Secondary segment: **SMF074#02_Path**

Field Name	Type	Len	Description
<i>SMF074#02_Path.<fieldname></i>			
zPNME	CHAR	8	(IBM name: R742PNME) System name as defined in parmlib member IEASYSxx SYSNAME parameter.
zPDEV	CHAR	4	(IBM name: R742PDEV) Device number.
zPSTF	INT	1	(IBM name: R742PSTF) Status flags Bit Meaning when set 0 PATH became active during this interval 1 PATH became inactive during this interval. 2 COUNTS reset by XCF during this interval. 3-7 Reserved.
zPDIR	INT	1	(IBM name: R742PDIR) Direction path Bit Meaning when set 0 INBOUND path 1 OUTBOUND path 2-7 Reserved.
zPTYP	INT	1	(IBM name: R742PTYP) Path type indicator. Value Meaning 1 CTC 3 LIST structure.
zPONA	CHAR	8	(IBM name: R742PONA) Name of system on other end if known, otherwise blanks.
zPODV	CHAR	4	(IBM name: R742PODV) Device number on other end if known, otherwise blanks.
zPSTA	INT	1	(IBM name: R742PSTA) Path status Bit Meaning when set 0 STARTING 1 RESTARTING 2 WORKING 3 STOPPING 4 WAITING for completion of communication link 5 NOT operational. Path defined to XCF, but not usable until hardware and/or definition problems are resolved. 6 STOP failed 7 REBUILDING.
zPSTM	INT	1	(IBM name: R742PSTM) More path status flags: Bit Meaning when set 0 QUIESCING 1 QUIESCED 2-7 Reserved.
zPRET	INT	4	(IBM name: R742PRET) Path retry limit.
zPRST	INT	4	(IBM name: R742PRST) Number of restarts.

zPMXM	INT	4	(IBM name: R742PMXM) Maximum number of 1K blocks of message buffer space.
zPSIG	INT	4	(IBM name: R742PSIG) Number of outbound (inbound) signals sent (received) over path.
zPQLN	INT	4	(IBM name: R742PQLN) Number of outbound signals pending transfer on path.
zPIBR	INT	4	(IBM name: R742PIBR) Number of inbound signals refused due to maximum message limit.
zPSUS	INT	4	(IBM name: R742PSUS) Number of times this signalling path was not busy when it was selected to transfer a message.
zPAPP	INT	4	(IBM name: R742PAPP) Number of times this signalling path was busy when it was selected to transfer a message.
zPTCN	CHAR	8	(IBM name: R742PTCN) Transport class name. For an outbound path, the class to which the path is assigned. For an inbound path, the class to which the outbound side of the path is assigned, blanks if not known.
zPSTR	CHAR	16	(IBM name: R742PSTR) Name of XES list structure being used as a path, blank for CTCs.
zPIOT	INT	4	(IBM name: R742PIOT) For inbound paths: Average I/O transfer time (microseconds) for the observed in the last minute of the RMF reporting interval, or X'FFFFFFFF' (if time > 35 MINUTES). For outbound paths, the field is zero.
zPRCT	INT	4	(IBM name: R742PRCT) Path retry count.
zPPND	INT	4	(IBM name: R742PPND) The current number of signals pending for transfer on the path (outbound only).
zPUSE	INT	4	(IBM name: R742PUSE) The current number of 1KB blocks of message buffer space in use by this path.
zPLIN	INT	4	(IBM name: R742PLIN) List number within structure.

SMF074#02_Path.zPUsage.<fieldname>

zPUSG_TimeSum	INT	8	(IBM name: R742PUSG_TimeSum) Time (in microseconds) this path was in use at the indicated percent utilization.
zPUSG_TimeSsq	INT	8	(IBM name: R742PUSG_TimeSsq) Squared microseconds this path was in use at the indicated percent utilization.
zPUSG_Time#	INT	4	(IBM name: R742PUSG_Time#) Number of times this path was in use at the indicated percent utilization.
zPUSG_SigCnt	INT	4	(IBM name: R742PUSG_SigCnt) Number of signals sent for this usage entry.
zPUSG_Percent	INT	4	(IBM name: R742PUSG_Percent) Percent utilization that this entry represents.

SMF074#02_Path.<fieldname>

zPNIB_TimeSum	INT	4	(IBM name: R742PNIB_TimeSum) Total time (in microseconds) this path had a no-inbound-buffer impact condition.
zPNIB_TimeSsq	INT	4	(IBM name: R742PNIB_TimeSsq) Squared microseconds for each no-inbound-buffer impact condition.
zPNIB_Time#	INT	4	(IBM name: R742PNIB_Time#) Number of times this path was impacted by a no-inbound-buffer condition.

Secondary segment: **SMF074#02_Member**

Field Name	Type	Len	Description
SMF074#02_Member.<fieldname>			
zMSYS	CHAR	8	(IBM name: R742MSYS) System name (as defined in parmlib member IEASYSxx SYSNAME parameter) where the member resides.
zMGRP	CHAR	8	(IBM name: R742MGRP) Group name.
zMMEM	CHAR	16	(IBM name: R742MMEM) Member name.
zMSTF	INT	1	(IBM name: R742MSTF) Status flags Bit Meaning when set 0 MEMBER became active during this interval 1 MEMBER became inactive during this interval 2 COUNTS reset by XCF during this interval 3 PARTIALLY not active during RMF Postprocessor interval. 4 NO information returned from IXCQUERY. 5-7 Reserved.
zMST1	INT	1	(IBM name: R742MST1) Extended member state (1): 2=CREATED 3=ACTIVE 4=QUIESCED 5=FAILED
zMST2	INT	1	(IBM name: R742MST2) Extended member state (2): Bit Meaning when set 0 SYSTEM status update missing 1 SYSTEM termination started 2 RESERVED 3 STATUS update missing (confirmed) 4 STATUS update missing (not confirmed) 5 RESERVED 6 MONITORING has been removed 7 RESERVED.
zMSNT	INT	4	(IBM name: R742MSNT) Number of signals sent by member.
zMRCV	INT	4	(IBM name: R742MRCV) Number of signals received by member.
zMINT	INT	4	(IBM name: R742MINT) Status checking interval.
zMJOB	CHAR	8	(IBM name: R742MJOB) Job name that joined the member.

Record Type 74 Subtype 3 - OMVS Kernel Activity

Primary Segment:

- SMF074#03_RMF_OMVS_Kernel

Secondary Segment(s): 2 (in alphabetical order)

- SMF074#03_Control
- SMF074#03_Product

Primary segment: SMF074#03_RMF_OMVS_Kernel

Field Name	Type	Len	Description
SMF074#03_RMF_OMVS_Kernel.<fieldname>			
SMF074#03_RMF_OMVS_Kernel.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z3PO	INT	4	(IBM name: SMF743PO) Offset to OMVS control data section.
z3PL	INT	2	(IBM name: SMF743PL) Length of OMVS control data section.
z3PN	INT	2	(IBM name: SMF743PN) Number of OMVS control data sections. Individual header extension for SubType 4:

Secondary segment: SMF074#03_Product

Field Name	Type	Len	Description
SMF074#03_Product.<fieldname>			

zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0ccyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

SMF074#03_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF074#03_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF074#03_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#03_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	

			(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#03_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#03_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF074#03_Control**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF074#03_Control.<fieldname>			
zCYCU	INT	4	(IBM name: R743CYCU) The number of cycle units elapsed between first and last measured sample.
zCYCT	INT	4	(IBM name: R743CYCT) The cycle time value obtained from Monitor III options (in milliseconds).
zFLG	INT	4	(IBM name: SMF74FLG) Processing Flags Bit Meaning when set 0 KERNEL address space is terminated or reinstated this interval. 1 MAXIMUM number of processes changed during reporting interval. 2 MAXIMUM number of users changed during reporting interval. 3 MAXIMUM number of processes per user changed during reporting interval. 4 MAXIMUM number of message queue ids changed during reporting interval when set. 5 MAXIMUM number of semaphore ids changed during reporting interval when set. 6 MAXIMUM number of shared memory ids changed during reporting interval when set. 7 MAXIMUM number of shared memory pages changed during reporting interval when set. 8 MAXIMUM number of memory map storage pages changed during reporting interval when set. 9 MAXIMUM number of shared storage pages changed during reporting interval when set. 10 MAXIMUM size of shared library region changed during reporting interval when set. 11 MAXIMUM number of queued signals per process changed during reporting interval when set. 12-31 Reserved.
zSYSC	FLOAT	4	(IBM name: R743SYSC) The total number of kernel callable services invoked during the interval.
zSCMN	INT	4	(IBM name: R743SCMN) The minimum number of kernel callable services invoked during one cycle.
zSCMX	INT	4	(IBM name: R743SCMX) The maximum number of kernel callable services invoked during one cycle.
zCPU	FLOAT	4	(IBM name: R743CPU) Total CPU time spent processing callable services in the kernel address space during the interval (in 10-millisecond units).
zCTMN	INT	4	(IBM name: R743CTMN) Minimum CPU time spent processing callable services in the kernel address space during one cycle (in 10-millisecond units).
zCTMX	INT	4	(IBM name: R743CTMX) Maximum CPU time spent processing callable services in the kernel address space during one cycle (in 10-millisecond units).
zOPR	FLOAT	4	(IBM name: R743OPR) Count of times fork() or dub failed because the maximum number of processes was exceeded during the interval.
zOPMN	INT	4	(IBM name: R743OPMN) Minimum number of times fork() or dub failed because the maximum number of processes was exceeded during one cycle.
zOPMX	INT	4	(IBM name: R743OPMX) Maximum number of times fork() or dub failed because the maximum number of processes was exceeded during one cycle.
zOUS	FLOAT	4	(IBM name: R743OUS) Count of times fork() or dub failed because the maximum number of users was exceeded during the interval.
zOUMN	INT	4	(IBM name: R743OUMN) Minimum number of times fork() or dub failed because the maximum number of users was exceeded during one cycle.
zOUMX	INT	4	(IBM name: R743OUMX) Maximum number of times fork() or dub failed because the maximum number of users was exceeded during one cycle.
zOPRU	FLOAT	4	(IBM name: R743OPRU) Count of times fork() or dub failed because the maximum number of processes per user was exceeded during the interval.
zORMN	INT	4	(IBM name: R743ORMN) Minimum number of times fork() or dub failed because the maximum number of processes per user was exceeded during one cycle.
zORMX	INT	4	(IBM name: R743ORMX) Maximum number of times fork() or dub failed because the maximum number of processes per user was exceeded during one cycle.

zMAXP	INT	2	(IBM name: R743MAXP) Maximum number of processes.
zMAXU	INT	2	(IBM name: R743MAXU) Maximum number of users.
zMXPU	INT	2	(IBM name: R743MXPU) Maximum number of processes per user.
zRSV1	INT	2	(IBM name: R743RSV1) Reserved.
zCURP	FLOAT	4	(IBM name: R743CURP) Accumulated number of processes during the interval.
zCPMN	INT	2	(IBM name: R743CPMN) Minimum number of processes during one cycle.
zCPMX	INT	2	(IBM name: R743CPMX) Maximum number of processes during one cycle.
zCURU	FLOAT	4	(IBM name: R743CURU) Accumulated number of users during the interval.
zCUMN	INT	2	(IBM name: R743CUMN) Minimum number of users during one cycle.
zCUMX	INT	2	(IBM name: R743CUMX) Maximum number of users during one cycle.
zMMSG	INT	4	(IBM name: R743MMSG) Maximum number of message queue IDs (constant).
zMSEM	INT	4	(IBM name: R743MSEM) Maximum number of semaphore IDs (constant).
zMSHM	INT	4	(IBM name: R743MSHM) Maximum number of shared memory IDs (constant).
zMSPG	INT	4	(IBM name: R743MSPG) Maximum number of shared memory pages (constant).
zCMMSG	FLOAT	4	(IBM name: R743CMMSG) Accumulated number of message queue IDs during one interval.
zCMMN	INT	4	(IBM name: R743CMMN) Minimum number of message queue IDs per cycle.
zCMMX	INT	4	(IBM name: R743CMMX) Maximum number of message queue IDs per cycle.
zCSEM	FLOAT	4	(IBM name: R743CSEM) Accumulated number of semaphore IDs during one interval.
zCSMN	INT	4	(IBM name: R743CSMN) Minimum number of semaphore IDs per cycle.
zCSMX	INT	4	(IBM name: R743CSMX) Maximum number of semaphore IDs per cycle.
zCSHM	FLOAT	4	(IBM name: R743CSHM) Accumulated number of shared memory IDs during one interval.
zCHMN	INT	4	(IBM name: R743CHMN) Minimum number of shared memory IDs per cycle.
zCHMX	INT	4	(IBM name: R743CHMX) Maximum number of shared memory IDs per cycle.
zCSPG	FLOAT	4	(IBM name: R743CSPG) Accumulated number of shared memory pages during one interval.
zCGMN	INT	4	(IBM name: R743CGMN) Minimum number of shared memory pages per cycle.
zCGMX	INT	4	(IBM name: R743CGMX) Maximum number of shared memory pages per cycle.
zOMSG	FLOAT	4	(IBM name: R743OMSG) Accumulated number of attempts to exceed maximum number of message queue IDs during one interval.
zOMMN	INT	4	

			(IBM name: R743OMMN) Minimum number of attempts to exceed maximum number of message queue IDs per cycle.
zOMMX	INT	4	(IBM name: R743OMMX) Maximum number of attempts to exceed maximum number of message queue IDs per cycle.
zOSEM	FLOAT	4	(IBM name: R743OSEM) Accumulated number of attempts to exceed maximum number of semaphore IDs during one interval.
zOSMN	INT	4	(IBM name: R743OSMN) Minimum number of attempts to exceed maximum number of semaphore IDs per cycle.
zOSMX	INT	4	(IBM name: R743OSMX) Maximum number of attempts to exceed maximum number of semaphore IDs per cycle.
zOSHM	FLOAT	4	(IBM name: R743OSHM) Accumulated number of attempts to exceed maximum number of shared memory IDs during one interval.
zOHMN	INT	4	(IBM name: R743OHMN) Minimum number of attempts to exceed maximum number of shared memory IDs per cycle.
zOHMX	INT	4	(IBM name: R743OHMX) Maximum number of attempts to exceed maximum number of shared memory IDs per cycle.
zOSPG	FLOAT	4	(IBM name: R743OSPG) Accumulated number of attempts to exceed maximum number of shared memory pages during one interval.
zOGMN	INT	4	(IBM name: R743OGMN) Minimum number of attempts to exceed maximum number of shared memory pages per cycle.
zOGMX	INT	4	(IBM name: R743OGMX) Maximum number of attempts to exceed maximum number of shared memory pages per cycle.
zMMAP	INT	4	(IBM name: R743MMAP) Maximum number of memory map storage pages (constant).
zCMAP	FLOAT	4	(IBM name: R743CMAP) Accumulated number of memory map storage pages during one interval.
zCAMN	INT	4	(IBM name: R743CAMN) Minimum number of memory map storage pages per cycle.
zCAMX	INT	4	(IBM name: R743CAMX) Maximum number of memory map storage pages per cycle.
zOMAP	FLOAT	4	(IBM name: R743OMAP) Accumulated number of attempts to exceed maximum number of memory map storage pages during one interval.
zOAMN	INT	4	(IBM name: R743OAMN) Minimum number of attempts to exceed maximum number of memory map storage pages per cycle.
zOAMX	INT	4	(IBM name: R743OAMX) Maximum number of attempts to exceed maximum number of memory map storage pages per cycle.
zMPAG	INT	4	(IBM name: R743MPAG) Maximum number of shared storage pages (constant).
zCPAG	FLOAT	4	(IBM name: R743CPAG) Accumulated number of shared storage pages during one interval.
zCXMN	INT	4	(IBM name: R743CXMN) Minimum number of shared storage pages per cycle.
zCXMN	INT	4	(IBM name: R743CXMN) Maximum number of shared storage pages per cycle.
zOPAG	FLOAT	4	(IBM name: R743OPAG) Accumulated number of attempts to exceed maximum number of shared

			storage pages during one interval.
zOXMN	INT	4	(IBM name: R743OXMN) Minimum number of attempts to exceed maximum number of shared storage pages per cycle.
zOXMN	INT	4	(IBM name: R743OXMN) Maximum number of attempts to exceed maximum number of shared storage pages per cycle.
zMSLR	INT	4	(IBM name: R743MSLR) Maximum amount of storage (MB) available for shared library region.
zCSLR	FLOAT	4	(IBM name: R743CSLR) Accumulated amount of shared library storage (MB) allocated in one interval.
zCLMN	INT	4	(IBM name: R743CLMN) Minimum amount of shared library storage (MB) allocated per cycle.
zCLMX	INT	4	(IBM name: R743CLMX) Maximum number of shared library storage (MB) allocated per cycle.
zOSLR	FLOAT	4	(IBM name: R743OSLR) Accumulated number of attempts to exceed maximum amount of shared library region size during one interval.
zOLMN	INT	4	(IBM name: R743OLMN) Minimum number of attempts to exceed maximum amount of shared library region per cycle.
zOLMX	INT	4	(IBM name: R743OLMX) Maximum number of attempts to exceed maximum amount of shared library region per cycle.
zMQDS	INT	4	(IBM name: R743MQDS) Maximum amount of queued signals allowed per process.
zOQDS	FLOAT	4	(IBM name: R743OQDS) Accumulated number of attempts to exceed maximum amount of queued signals per interval.
zOQMN	INT	4	(IBM name: R743OQMN) Minimum number of attempts to exceed maximum amount of queued signals per cycle.
zOQMX	INT	4	(IBM name: R743OQMX) Maximum number of attempts to exceed maximum amount of queued signals per cycle.

Record Type 74 Subtype 4 - Coupling Facility Activity

Primary Segment:

- SMF074#04_RMF_Coupling_Facility

Secondary Segment(s): 12 (in alphabetical order)

- SMF074#04_Asynch_CF_Duplexing
- SMF074#04_Cache
- SMF074#04_Channel_Path
- SMF074#04_Connectivity
- SMF074#04_Local_Coupling_Facility
- SMF074#04_Processor_Utilization
- SMF074#04_Product
- SMF074#04_Remote_Facility
- SMF074#04_Request
- SMF074#04_Storage
- SMF074#04_Storage_Class_Memory
- SMF074#04_Structure

Primary segment: SMF074#04_RMF_Coupling_Facility

Field Name	Type	Len	Description
SMF074#04_RMF_Coupling_Facility.<fieldname>			
SMF074#04_RMF_Coupling_Facility.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z4FO	INT	4	(IBM name: SMF744FO) Offset to Local Coupling Facility data section.
z4FL	INT	2	(IBM name: SMF744FL) Length of Local Coupling Facility data section.
z4FN	INT	2	(IBM name: SMF744FN) Number of Local Coupling Facility data sections.
z4XO	INT	4	(IBM name: SMF744XO) Offset to Connectivity data section.

z4XL	INT	2	(IBM name: SMF744XL) Length of Connectivity data section.
z4XN	INT	2	(IBM name: SMF744XN) Number of Connectivity data sections.
z4GO	INT	4	(IBM name: SMF744GO) Offset to Storage data section.
z4GL	INT	2	(IBM name: SMF744GL) Length of Storage data section.
z4GN	INT	2	(IBM name: SMF744GN) Number of Storage data sections.
z4QO	INT	4	(IBM name: SMF744QO) Offset to Structure data section.
z4QL	INT	2	(IBM name: SMF744QL) Length of Structure data section.
z4QN	INT	2	(IBM name: SMF744QN) Number of Structure data sections.
z4SO	INT	4	(IBM name: SMF744SO) Offset to Request data section.
z4SL	INT	2	(IBM name: SMF744SL) Length of Request data section.
z4SN	INT	2	(IBM name: SMF744SN) Number of Request data sections.
z4PO	INT	4	(IBM name: SMF744PO) Offset to Processor data section.
z4PL	INT	2	(IBM name: SMF744PL) Length of Processor data section.
z4PN	INT	2	(IBM name: SMF744PN) Number of Processor data sections.
z4CO	INT	4	(IBM name: SMF744CO) Offset to Cache data section.
z4CL	INT	2	(IBM name: SMF744CL) Length of Cache data section.
z4CN	INT	2	(IBM name: SMF744CN) Number of Cache data sections.
z4RO	INT	4	(IBM name: SMF744RO) Offset to Remote Facility data section.
z4RL	INT	2	(IBM name: SMF744RL) Length of Remote Facility data section.
z4RN	INT	2	(IBM name: SMF744RN) Number of Remote Facility data sections.
z4HO	INT	4	(IBM name: SMF744HO) Offset to Channel Path data section.
z4HL	INT	2	(IBM name: SMF744HL) Length of Channel Path data section.
z4HN	INT	2	(IBM name: SMF744HN) Number of Channel Path data sections.
z4MO	INT	4	(IBM name: SMF744MO) Offset to SCM data section.
z4ML	INT	2	(IBM name: SMF744ML) Length of SCM data section.
z4MN	INT	2	(IBM name: SMF744MN) Number of SCM data sections.
z4AO	INT	4	(IBM name: SMF744AO) Offset to Asynchronous CF Duplexing data section.
z4AL	INT	2	(IBM name: SMF744AL) Length of Asynchronous CF Duplexing data section.

z4AN	INT	2	(IBM name: SMF744AN) Number of Asynchronous CF Duplexing data sections. Individual header extension for SubType 5:
------	-----	---	---

Secondary segment: **SMF074#04_Product**

Field Name	Type	Len	Description
<i>SMF074#04_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

SMF074#04_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF074#04_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000tttF, where ttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF074#04_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#04_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#04_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#04_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are

			valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.
--	--	--	--

Secondary segment: **SMF074#04_Local_Coupling_Facility**

Field Name	Type	Len	Description
<i>SMF074#04_Local_Coupling_Facility.<fieldname></i>			
zFNAM	CHAR	8	(IBM name: R744FNAM) Name of coupling facility as defined in parmlib member COUPLExx.
zFSYS	CHAR	8	(IBM name: R744FSYS) Name of this system (from IEASYSxx parmlib member, SYSNAME parameter).

<i>SMF074#04_Local_Coupling_Facility.zFFLG.<fieldname></i>			
zEndOfIntvl	BIT	1	Coupling facility was connected to the system at the end of the interval
zDuringIntvl	BIT	1	Coupling facility became active during the interval
zPermErr	BIT	1	Permanent error in cycle gatherer during the complete interval
zDynDispatch	BIT	1	Dynamic dispatching is active. Valid if zFLVL >
zThin	BIT	1	Thin interrupts are enabled. Valid if zFLVL >

<i>SMF074#04_Local_Coupling_Facility.zFFLC.<fieldname></i>			
zCHPIDs	BIT	1	CHPIDs set offline during the interval

<i>SMF074#04_Local_Coupling_Facility.<fieldname></i>			
zFAMV	INT	1	(IBM name: R744FAMV) IXLYAMDA Version.
zFPAM	INT	4	(IBM name: R744FPAM) Number of paths available to the coupling facility.
zFPBC	FLOAT	8	(IBM name: R744FPBC) Number of times coupling facility requests fail due to path busy.
zFSCG	INT	4	(IBM name: R744FSCG) Number of subchannels defined.
zFSCU	INT	4	(IBM name: R744FSCU) Number of subchannels currently in use.
zFSCL	INT	4	(IBM name: R744FSCL) Number of subchannels that can be used (limit).
zFSCC	FLOAT	8	(IBM name: R744FSCC) Subchannel contention count (all subchannel busy).
zFTOR	FLOAT	8	(IBM name: R744FTOR) Total number of requests from this system.
zFAIL	FLOAT	8	(IBM name: R744FAIL) Number of unsuccessful requests from this system.
zFTIM	INT	8	(IBM name: R744FTIM) Total service time for unsuccessful requests in microseconds.
zFSQU	INT	8	(IBM name: R744FSQU) Total squares of service time for unsuccessful requests (in square-microseconds).
zFCTM	INT	8	(IBM name: R744FCTM) Total contention time (microseconds) for waiting for subchannels to become free for synchronous immediate operations.

zFCSQ	INT	8	(IBM name: R744FCSQ) Total squares of contention time for waiting for subchannels to become free for synchronous immediate operations.
zFMOD	CHAR	6	(IBM name: R744FMOD) Coupling facility type. The type is right aligned with leading blanks if necessary.
zFVER	CHAR	3	(IBM name: R744FVER) Coupling facility model.
zFMPC	CHAR	2	(IBM name: R744FMPC) Manufacturer plant code of the coupling facility.
zFLPN	INT	1	(IBM name: R744FLPN) Partition identifier of CF. Valid with SMF74SRL = X'55'(85) and RMF version number SMF74MFV = 718F
zFLVL	INT	4	(IBM name: R744FLVL) Coupling facility level.
zFPAS	INT	1	(IBM name: R744FPAS) Path-available mask for CF links.
zFPIS	INT	1	(IBM name: R744FPIS) Path-installed mask for CF links.
zFPCM	INT	1	(IBM name: R744FPCM) Composite-path mask: paths that have a physical or logical connection to the facility or that are connected to the facility in the active policy.
zFTAP	CHAR	5	(IBM name: R744FTAP) Channel path type acronym.
zFSEQ	CHAR	12	(IBM name: R744FSEQ) Sequence number of this coupling facility.
zFPSN	INT	2	(IBM name: R744FPSN) Number of shared processors. Valid if zFLVL > 14.
zFPDN	INT	2	(IBM name: R744FPDN) Number of dedicated processors. Valid if zFLVL > 14. The following field is available eight times for eight possible channel paths.
zFIDP	INT	1	(IBM name: R744FIDP) Channel path identifier. The range of values is X'00' to X'FF'.
zFCPI	INT	2	(IBM name: R744FCPI) Index to first channel path data section associated with this coupling facility.
zFCPN	INT	2	(IBM name: R744FCPN) Number of channel path data sections for channel paths of type CIB, CFP, CL5, or CS5 connected to this coupling facility. This count matches the number of subsequent channel path data sections.

Secondary segment: SMF074#04_Connectivity

Field Name	Type	Len	Description
SMF074#04_Connectivity.<fieldname>			
zXSYS	CHAR	8	(IBM name: R744XSYS) Name of remote system also reporting on this coupling facility (from IEASYSxx parmlib member, SYSNAME parameter).

Secondary segment: SMF074#04_Storage

Field Name	Type	Len	Description
SMF074#04_Storage.<fieldname>			

zGCSD	INT	4	(IBM name: R744GCSD) Total amount of control storage defined (4K-block units).
zGCSF	INT	4	(IBM name: R744GCSF) Amount of free control storage (4K-block units).
zGTSD	INT	4	(IBM name: R744GTSD) Total amount of coupling facility storage defined (4K-block units).
zGTSF	INT	4	(IBM name: R744GTSF) Amount of free coupling facility storage (4K-block units).
zGDSA	INT	4	(IBM name: R744GDSA) Amount of dump space allocated (4K-block units).
zGDSF	INT	4	(IBM name: R744GDSF) Amount of free dump space (4K-block units).
zGDSR	INT	4	(IBM name: R744GDSR) Maximum amount of dump space requested (4K-block units).
zGTSC	INT	8	(IBM name: R744GTSC) Total amount of coupling facility storage class memory (4K-block units) which may be concurrently used as structure extensions.
zGFSC	INT	8	(IBM name: R744GFSC) Amount of free coupling facility storage class memory (4K-block units).
zGISC	INT	2	(IBM name: R744GISC) Amount of storage class memory increment. This is the number of 4K blocks that are assigned to a single storage class memory segment.

Secondary segment: **SMF074#04_Structure**

Field Name	Type	Len	Description
<i>SMF074#04_Structure.<fieldname></i>			
zQSTR	CHAR	16	(IBM name: R744QSTR) Name of structure allocated in this coupling facility.
zQSIZ	INT	4	(IBM name: R744QSIZ) Structure size requested to be allocated (4K-block units).
zQVER	HEX	8	(IBM name: R744QVER) Structure version number.
<i>SMF074#04_Structure.zQFLG.<fieldname></i>			
zActive	BIT	1	Active instance of structure (normal case).
zNew	BIT	1	New instance during rebuild.
zOld	BIT	1	Old instance during rebuild.
zTrans	BIT	1	Instance is just being added or deleted (in transition).
zHold	BIT	1	Instance in hold, deletion could not be finished.
zDump	BIT	1	Dump was initiated for this structure.
zRebuild	BIT	1	Structure rebuild in progress.
zDuplex	BIT	1	The in-progress rebuild is a duplexing rebuild.
<i>SMF074#04_Structure.<fieldname></i>			
zQFL1	INT	1	(IBM name: R744QFL1) Status Flags 0 DUPLEXING is active using system-managed asynchronous duplexing. 1-7 Reserved

Secondary segment: **SMF074#04_Request**

Field Name	Type	Len	Description
<i>SMF074#04_Request.<fieldname></i>			
zSNAM	CHAR	16	(IBM name: R744SNAM) Name of connected structure in this coupling facility.
zSVER	HEX	8	(IBM name: R744SVER) Structure version number.
zSTYP	INT	1	(IBM name: R744STYP) Structure type identifier. Value Meaning 1 UNSERIALIZED List structure 2 SERIALIZED List structure 3 LOCK structure 4 CACHE structure

<i>SMF074#04_Request.zSFLG.<fieldname></i>			
zEndOfIntvl	BIT	1	Structure was connected to the system at the end of the interval.
zDuringIntvl	BIT	1	Structure became active during the interval.
zASync	BIT	1	Structure is capable to participate in asynchronous duplexing.
zDuplex	BIT	1	Structure is in the duplexing active state.
zPri	BIT	1	Structure is primary instance of an asynchronously duplexed structure.
zSec	BIT	1	Structure is secondary instance of an asynchronously duplexed structure.
zEncrypt	BIT	1	Structure is encrypted.

<i>SMF074#04_Request.<fieldname></i>			
zSLEC	INT	1	(IBM name: R744SLEC) Lock structure only: lock table entry characteristic.
zSLEL	INT	4	(IBM name: R744SLEL) List structure: limit on number of list entries. The estimated maximum number of list entries that may reside in storage class memory is not included. Lock structure: limit on number of data elements.
zSLEM	INT	4	(IBM name: R744SLEM) List structure: current number of list entries in use. The number of list entries that currently reside in storage class memory is not included. Lock structure: current number of data elements in use.
zSLTL	INT	4	(IBM name: R744SLTL) Lock structure only: limit on number of lock table entries.
zSLTM	INT	4	(IBM name: R744SLTM) Lock structure only: Current number of lock table entries in use.
zSSTA	FLOAT	8	(IBM name: R744SSTA) The number of list, lock, or cache requests that were to be executed synchronously at the coupling facility, but which were changed to an asynchronous operation due to lack of resources.
zSTRC	FLOAT	8	(IBM name: R744STRC) The total number of IXLLIST, IXLCACHE, or IXLLOCK requests made. This field will not necessarily equal the sum of zSSRC, zSARC, and zSSTA due to internal processing. Use of the batch unlock function can produce large discrepancies because zSTRC is incremented for each lock being released, but only one coupling facility operation is executed.
zSTAC	FLOAT	8	(IBM name: R744STAC) The total number of IXLLOCK requests that could not be satisfied immediately because of lock contention.
zSARC	FLOAT	8	(IBM name: R744SARC) The total number of operations executed asynchronously at the coupling facility.
zSATM	INT	8	(IBM name: R744SATM) Summed service time for asynchronous requests in microseconds.
zSASQ	INT	8	(IBM name: R744SASQ) Summed squares of service time for asynchronous requests.
zSSRC	FLOAT	8	(IBM name: R744SSRC) Count of number of times for synchronous requests.

zSSTM	INT	8	(IBM name: R744SSTM) Summed service time for synchronous requests in microseconds.
zSSSQ	INT	8	(IBM name: R744SSSQ) Summed squares of service time for synchronous requests.
zSQRC	FLOAT	8	(IBM name: R744SQRC) Count of number of times for queued requests.
zSQTM	INT	8	(IBM name: R744SQTM) Summed queue delay time in microseconds.
zSQSQ	INT	8	(IBM name: R744SQSQ) Summed squares of delay time for queued requests.
zSDRC	FLOAT	8	(IBM name: R744SDRC) Number of times a request was found delayed in case of dump serialization.
zSDTM	INT	8	(IBM name: R744SDTM) Summed dump delay time in microseconds.
zSDSQ	INT	8	(IBM name: R744SDSQ) Summed squares of dump delay time.
zSDMP	FLOAT	8	(IBM name: R744SDMP) Number of times dump serialization was found for this structure (list and cache structures only).
zSHTO	FLOAT	8	(IBM name: R744SHTO) Total number of requests waiting on the high priority queue.
zSHMN	INT	4	(IBM name: R744SHMN) Minimum number of requests waiting on the high priority queue during this interval.
zSHMX	INT	4	(IBM name: R744SHMX) Maximum number of requests waiting on the high priority queue during this interval.
zSLTO	FLOAT	8	(IBM name: R744SLTO) Total number of requests waiting on the low priority queue.
zSLMN	INT	4	(IBM name: R744SLMN) Minimum number of requests waiting on the low priority queue during this interval.
zSLMX	INT	4	(IBM name: R744SLMX) Maximum number of requests waiting on the low priority queue during this interval.
zSDTO	FLOAT	8	(IBM name: R744SDTO) Total number of requests delayed because dump serialization is in progress.
zSDMN	INT	4	(IBM name: R744SDMN) Minimum number of requests delayed because dump serialization is in progress during this interval.
zSDMX	INT	4	(IBM name: R744SDMX) Maximum number of requests delayed because dump serialization is in progress during this interval.
zSCN	FLOAT	8	(IBM name: R744SCN) Lock structure only: number of times any request encountered lock contention.
zSFCN	FLOAT	8	(IBM name: R744SFCN) Lock structure only: number of times any request encountered false lock contention (storage contention within the structure).
zSSIZ	INT	4	(IBM name: R744SSIZ) Allocated size of structure (units = 4K byte blocks).
zSMAS	INT	4	(IBM name: R744SMAS) Maximum structure size.
zSMIS	INT	4	(IBM name: R744SMIS) Minimum structure size.
zSDEC	INT	4	(IBM name: R744SDEC) Cache structure only: Total directory entry count.

zSDEL	INT	4	(IBM name: R744SDEL) Cache structure only: Total data element count.
zSNLH	INT	4	(IBM name: R744SNLH) List structure only: Number of list headers.
zSMAE	INT	4	(IBM name: R744SMAE) List structure only: maximum number of elements. The estimated maximum number of list elements that may reside in storage class memory is not included.
zSCUE	INT	4	(IBM name: R744SCUE) List structure only: current number of elements in use. The number of list elements that currently reside in storage class memory is not included.
zCDSI	INT	2	(IBM name: R744CDSI) Index to first Cache data section.
zCDNE	INT	2	(IBM name: R744CDNE) Number of Cache data section entries.
zSPLN	FLOAT	8	(IBM name: R744SPLN) Count of peer-link-not-available conditions.
zSPES	FLOAT	8	(IBM name: R744SPES) Count of execution-suppressed conditions.
zSPTC	FLOAT	8	(IBM name: R744SPTC) Count of waiting-for-peer-subchannel conditions.
zSPST	INT	8	(IBM name: R744SPST) Total peer-subchannel-wait time (microseconds).
zSPSS	INT	8	(IBM name: R744SPSS) Square of total peer-subchannel-wait time (microseconds squared).
zSRTC	FLOAT	8	(IBM name: R744SRTC) Count of condition 'waiting for peer subchannel with reserve held'.
zSRST	INT	8	(IBM name: R744SRST) Total peer-subchannel-wait-with-reserve time (microseconds).
zSRSS	INT	8	(IBM name: R744SRSS) Square of total peer-subchannel-wait-with-reserve time (microseconds squared).
zSCTC	FLOAT	8	(IBM name: R744SCTC) Count of condition 'waiting for peer completion'.
zSCST	INT	8	(IBM name: R744SCST) Total waiting-for-peer-completion time (microseconds).
zSCSS	INT	8	(IBM name: R744SCSS) Square of total waiting-for-peer-completion time (microseconds squared).
zSLSV	HEX	8	(IBM name: R744SLSV) Logical structure version number.
zSETM	FLOAT	8	(IBM name: R744SETM) Structure execution time (microseconds). Valid if zFLVL > 14.
zSISC	INT	2	(IBM name: R744SISC) Index to Storage Class Memory data section. This field is zero if there is no SCM information available.
zSNSC	INT	2	(IBM name: R744SNSC) Number of Storage Class Memory data sections.
zSSAC	INT	4	(IBM name: R744SSAC) Count of Storage Class Memory Access Required conditions that require the request to be restarted.
zSOSA	INT	4	(IBM name: R744SOSA) Count of successful operations to the coupling facility that encountered an SCM Access Required condition.
zSIAD	INT	2	(IBM name: R744SIAD) Index to Asynchronous CF Duplexing data section. This field is zero if there is no Asynchronous CF Duplexing data available.
zSADN	INT	2	(IBM name: R744SADN) Number of Asynchronous CF Duplexing data sections.

zSIXC	INT	4	(IBM name: R744SIXC) Number of asynchronous duplex requests that requested sync up with the primary. (Valid if bit 1 0F zSXFL is set.)
zSXSC	INT	4	(IBM name: R744SXSC) Number of asynchronous duplex requests that were suspended waiting for the operations to complete in the secondary structure of the current duplexing instance. (Valid if bit 1 0F zSXFL is set.)
zSXST	INT	8	(IBM name: R744SXST) Summed suspend time, in microseconds, for suspended requests that were waiting for asynchronous duplex operations to complete in the secondary structure of the current duplexing instance. (Valid if bit 1 0F zSXFL is set.)
zSXSQ	INT	8	(IBM name: R744SXSQ) Square of summed suspend times, in square of microseconds, for suspended requests that were waiting for the asynchronous duplex operations to complete in the secondary structure of the current duplexing instance. (Valid if bit 1 0F zSXFL is set.)
zSADO	INT	4	(IBM name: R744SADO) Number of asynchronous duplex operations that were delayed because the primary structure was unable to accept new requests either because it could not forward requests to the secondary CF or because the secondary CF could not process incoming requests. (Valid if bit 0 0F zSXFL is set.)
zSADR	INT	4	(IBM name: R744SADR) Number of asynchronous duplex requests that experienced a delayed operation because the primary CF was unable to accept new requests. (Valid if bit 0 0F zSXFL is set.)
zSQCH	INT	1	(IBM name: R744SQCH) Asynchronous duplex operation queue characteristic. The number of queue entries is the product of: $4096 * 2^{**} zSQCH$

SMF074#04_Request.zSXFL.<fieldname>

zPri	BIT	1	Data for primary instance of asynchronous duplexed structure is valid
zSec	BIT	1	Data for secondary instance of asynchronous duplexed structure is valid
zValid	BIT	1	Data for Write and Read Request Measurements is valid.
zValidCF	BIT	1	Data for CF monopolization delays is valid.

SMF074#04_Request.<fieldname>

zSWDR	INT	4	(IBM name: R744SWDR) Number of requests to write data to the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSWAC	INT	4	(IBM name: R744SWAC) Number of adjunct areas written to the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSRDR	INT	4	(IBM name: R744SRDR) Number of requests to read data from the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSRAC	INT	4	(IBM name: R744SRAC) Number of adjunct areas read from the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSWEC	INT	4	(IBM name: R744SWEC) Number of data entries with data elements that have been written to the CF structure. Includes both single and multi entry write requests. (Valid if bit 2 0F zSXFL is set.)
zSREC	INT	4	(IBM name: R744SREC) Number of data entries with data elements that have been read from the CF structure. Includes both single and multi entry read requests. (Valid if bit 2 0F zSXFL is set.)
zSWED	INT	8	(IBM name: R744SWED) Sum of 256-byte increments accumulated for entry data with data elements written to the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSWES	INT	8	(IBM name: R744SWES) Square of summed number of 256-byte increments accumulated for entry

			data with data elements written to the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSRED	INT	8	(IBM name: R744SRED) Sum of 256-byte increments accumulated for entry data with data elements read from the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSRES	INT	8	(IBM name: R744SRES) Square of summed number of 256-byte increments accumulated for entry data with data elements read from the CF structure. (Valid if bit 2 0F zSXFL is set.)
zSMRC	FLOAT	8	(IBM name: R744SMRC) Number of times a request was found delayed due to coupling facility resource monopolization. (Valid if bit 3 of R744SXFL is set.)
zSMTM	INT	8	(IBM name: R744SMTM) Summed queue time (in microseconds) for operations queued due to coupling facility resource monopolization. (Valid if bit 3 of R744SXFL is set.)
zSMSQ	INT	8	(IBM name: R744SMSQ) Summed queue time squared for operations queued due to coupling facility resource monopolization, in microseconds squared. (Valid if bit 3 of R744SXFL is set.)
zSMTO	FLOAT	8	(IBM name: R744SMTO) Total number of operations queued for CF monopolization avoidance. (Valid if bit 3 of R744SXFL is set.)
zSMHT	FLOAT	8	(IBM name: R744SMHT) Total number of high-priority operations queued for CF monopolization avoidance. (Valid if bit 3 of R744SXFL is set.)
zSMMN	INT	4	(IBM name: R744SMMN) Minimum number of operations queued for CF monopolization avoidance during this interval. (Valid if bit 3 of R744SXFL is set.)
zSMMX	INT	4	(IBM name: R744SMMX) Maximum number of operations queued for CF monopolization avoidance during this interval. (Valid if bit 3 of R744SXFL is set.)
zSMHN	INT	4	(IBM name: R744SMHN) Minimum number of high-priority operations queued for CF monopolization avoidance during this interval. (Valid if bit 3 of R744SXFL is set.)
zSMHX	INT	4	(IBM name: R744SMHX) Maximum number of high-priority operations queued for CF monopolization avoidance during this interval. (Valid if bit 3 of R744SXFL is set.)

Secondary segment: **SMF074#04_Processor_Utilization**

Field Name	Type	Len	Description
<i>SMF074#04_Processor_Utilization.<fieldname></i>			
zPNUM	INT	4	(IBM name: R744PNUM) CPU number.
zPBSY	INT	4	(IBM name: R744PBSY) Busy time (in microseconds).
zPWAI	INT	4	(IBM name: R744PWAI) Wait time (in microseconds).
<i>SMF074#04_Processor_Utilization.zPTYP.<fieldname></i>			
zDedicated	BIT	1	Processor is dedicated. Valid if zFLVL >
<i>SMF074#04_Processor_Utilization.<fieldname></i>			
zPWGT	INT	2	(IBM name: R744PWGT) Shared processor weight. Valid if zFLVL > 14.

Secondary segment: SMF074#04_Cache

Field Name	Type	Len	Description
<i>SMF074#04_Cache.<fieldname></i>			
zCRHC	FLOAT	8	(IBM name: R744CRHC) Read hit counter.
zCRMD	FLOAT	8	(IBM name: R744CRMD) Read miss, directory hit counter.
zCRMA	FLOAT	8	(IBM name: R744CRMA) Read miss, assignment suppressed counter.
zCRMN	FLOAT	8	(IBM name: R744CRMN) Read miss, name assigned counter.
zCRMT	FLOAT	8	(IBM name: R744CRMT) Read miss, target storage class full.
zCWH0	FLOAT	8	(IBM name: R744CWH0) Write hit change bit 0 - NUMBER of times unchanged data was written.
zCWH1	FLOAT	8	(IBM name: R744CWH1) Write hit change bit 1 - NUMBER of times changed data was written.
zCWMN	FLOAT	8	(IBM name: R744CWMN) Write miss not registered counter.
zCWMI	FLOAT	8	(IBM name: R744CWMI) Write miss invalid state counter.
zCWMT	FLOAT	8	(IBM name: R744CWMT) Write miss storage class full counter.
zCDER	FLOAT	8	(IBM name: R744CDER) Directory entry reclaim counter.
zCDTR	FLOAT	8	(IBM name: R744CDTR) Data entry reclaim counter.
zCXDR	FLOAT	8	(IBM name: R744CXDR) XI directory reclaim counter.
zCXFW	FLOAT	8	(IBM name: R744CXFW) XI write counter.
zCXNI	FLOAT	8	(IBM name: R744CXNI) XI name invalidation counter.
zCXCI	FLOAT	8	(IBM name: R744CXCI) XI complement invalidation counter.
zCCOC	FLOAT	8	(IBM name: R744CCOC) Castout counter.
zCRSM	FLOAT	8	(IBM name: R744CRSM) Reference signal miss counter.
zCTSF	FLOAT	8	(IBM name: R744CTSF) Target storage class full counter.
zCDEC	INT	4	(IBM name: R744CDEC) Directory entry counter snapshot.
zCDAC	INT	4	(IBM name: R744CDAC) Data element counter snapshot.
zCTCC	INT	4	(IBM name: R744CTCC) Total changed counter.
zCDTA	INT	4	(IBM name: R744CDTA) Data area counter.
zCRLC	FLOAT	8	(IBM name: R744CRLC) Completed reference list counter.
zCPRL	FLOAT	8	(IBM name: R744CPRL) Partially completed reference list counter.

zCXRL	FLOAT	8	(IBM name: R744CXRL) XI for local cache vector index replacement.
zCWUC	FLOAT	8	(IBM name: R744CWUC) Write unchanged counter.

Secondary segment: **SMF074#04_Remote_Facility**

Field Name	Type	Len	Description
<i>SMF074#04_Remote_Facility.<fieldname></i>			
zRNDE	CHAR	32	(IBM name: R744RNDE) Hardware node descriptor for the remotely connected CF.
zRSYS	CHAR	8	(IBM name: R744RSYS) System identification value for the remotely connected CF.
zRNAM	CHAR	8	(IBM name: R744RNAM) CF name (if applicable, else X'0').
zRPGS	INT	1	(IBM name: R744RPGS) Receiver path group size.
zRRES	INT	4	(IBM name: R744RRES) Ready-to-execute signal counter.
zRRCS	INT	4	(IBM name: R744RRCS) Ready-to-complete signal counter.
zRHES	INT	4	(IBM name: R744RHES) Halt-execution signal counter.
zRRSS	INT	4	(IBM name: R744RRSS) Request-for-suppression signal counter.
zRRSA	INT	4	(IBM name: R744RRSA) Request-for-suppression-accepted signal counter.
zRSST	INT	4	(IBM name: R744RSST) Unused. Value is now in zRSSE.
zRSSS	INT	8	(IBM name: R744RSSS) Total squares of signal service times.
zRDSC	INT	4	(IBM name: R744RDSC) Delayed signal counter.
zRSDT	INT	4	(IBM name: R744RSDT) Total signal delay times in microseconds.
zRSSD	INT	8	(IBM name: R744RSSD) Total squares of signal times.
zRSRS	INT	4	(IBM name: R744RSRS) Signal-redrives signal counter. The following field is available eight times for eight possible receiver/peer channel paths.
zRTAP	CHAR	5	(IBM name: R744RTAP) Channel path type acronym. A CHPID type is provided for each active receiver/peer message path in the path group. The number of valid entries is equal to the receiver path group size.
zRSSE	INT	8	(IBM name: R744RSSE) Sum of signal service times in microseconds. The following field is available eight times for eight possible receiver/peer channel paths.
zRIDP	INT	1	(IBM name: R744RIDP) Channel path identifier for the receiver/peer channel path. The range of values is X'00' to X'FF'.
zRCPI	INT	2	(IBM name: R744RCPI) Index to first channel path data section associated with this remote coupling facility.
zRCPN	INT	2	(IBM name: R744RCPN) Number of channel path data sections for channel paths of type CIB, CFP,

			CL5, or CS5 connected to this remote coupling facility (CF). This includes the receiver/peer channel paths over which signals can be sent from the subject CF to this remote CF and the sender/peer channel paths returning signals from this remote CF to the subject CF. This count matches the number of subsequent channel path data sections associated with this remote CF.
zRSGS	INT	1	(IBM name: R744RSGS) Sender path group size.
zRSAP	CHAR	5	(IBM name: R744RSAP) Channel path type acronym. A CHPID type is provided for each active sender/peer message path in the path group. The number of valid entries is equal to the sender path group size. The following field is available eight times for eight possible sender/peer channel paths.
zRSID	INT	1	(IBM name: R744RSID) Channel path identifier for sender/peer channel path. The range of values is X'00' to X'FF'.
zRSC	INT	4	(IBM name: R744RSC) Number of subchannels associated with the remote CF.
zRAMC	INT	4	(IBM name: R744RAMC) Number of asynchronous messages that are sent to this remote CF. The count includes the number of asynchronous commands that are sent and excludes path management commands and redrives of asynchronous commands.
zRAMST	INT	8	(IBM name: R744RAMST) Total amount of service time for asynchronous messages sent to this remote CF, in microseconds.
zRAMSQ	INT	8	(IBM name: R744RAMSQ) Total amount of squares of service time for asynchronous messages sent to this remote CF, in square of microseconds.
zRAMPB	INT	4	(IBM name: R744RAMPB) Asynchronous message path busy count.
zRAMNS	INT	4	(IBM name: R744RAMNS) Asynchronous message no subchannel count.

Secondary segment: SMF074#04_Channel_Path

Field Name	Type	Len	Description
<i>SMF074#04_Channel_Path.<fieldname></i>			
zHCPI	INT	1	(IBM name: R744HCPI) Channel path identifier. The range of values is X'00' to X'FF'.
zHTAP	CHAR	5	(IBM name: R744HTAP) Channel path type acronym.
<i>SMF074#04_Channel_Path.zHFLA.<fieldname></i>			
zCoupling	BIT	1	Coupling adapter ID and port number are valid.
zOpMode	BIT	1	Channel path operation mode is valid.
zLatency	BIT	1	Channel path latency time is valid.
zDegraded	BIT	1	Degraded status flag is valid.
zIoProc	BIT	4	The corresponding field in the array of I/O processors is valid.
zCHID	BIT	1	Channel ID (CHID) is valid.
<i>SMF074#04_Channel_Path.<fieldname></i>			
zHOPM	INT	1	(IBM name: R744HOPM) Channel path operation mode. It describes the channel path type, data rate, protocol and adapter type. Value Meaning X'01' CFP path supporting a 1.0625 Gbit/s data rate X'02' CFP path supporting a 2.125 Gbit/s data rate X'10' CIB path operating at 1x bandwidth using the IFB protocol,

			adapter type HCA2-O LR X'11' CIB path operating at 12x bandwidth using the IFB protocol, adapter type HCA2-O X'20' CIB path operating at 1x bandwidth using the IFB protocol, adapter type HCA3-O LR X'21' CIB path operating at 12x bandwidth using the IFB protocol, adapter type HCA3-O X'30' CIB path operating at 12x bandwidth using the IFB3 protocol, adapter type HCA3-O X'40' CS5 path operating at 8x bandwidth using the PCIe third generation protocol, adapter type PCIe-O X'50' CL5 path supporting a 10 GBIT/S data rate using the Converged Enhanced Ethernet protocol, adapter type RoCE Other Unknown
--	--	--	--

SMF074#04_Channel_Path.zHCHF.<fieldname>

zDegraded	BIT	1	Channel path is operating at reduced capacity (degraded) or is not operating at the end of the interval.
zSender	BIT	1	Channel path is a sender channel.

SMF074#04_Channel_Path.<fieldname>

zHLAT	INT	4	(IBM name: R744HLAT) Channel path latency time. This is the average round-trip path time in microseconds. A value of 0 MEANS that the time was not measured. A value of 1 MEANS a time less than or equal to one microsecond.
zHPCP	INT	2	(IBM name: R744HPCP) Physical channel ID (PCHID)
zHAID	INT	2	(IBM name: R744HAID) Coupling adapter identifier associated with the CHPID.
zHAPN	INT	1	(IBM name: R744HAPN) Number of the port associated with the CHPID.
zHSAP	INT	1	(IBM name: R744HSAP) I/O processor (System Assist Processor) to which this path is accessible. The range of values is X'00' to X'FF'.

Secondary segment: SMF074#04_Storage_Class_Memory

Field Name	Type	Len	Description
SMF074#04_Storage_Class_Memory.<fieldname>			
zMSMA	INT	8	(IBM name: R744MSMA) Maximum amount of storage class memory the structure can use (4K-block units).
zMALG	INT	1	(IBM name: R744MALG) SCM algorithm type.
zMFAU	INT	4	(IBM name: R744MFAU) Fixed augmented space (4K-block units).
zMIUA	INT	4	(IBM name: R744MIUA) Amount of augmented space that is in use by this structure (4K-block units).
zMIUS	INT	8	(IBM name: R744MIUS) Amount of storage class memory that is in use by this structure (4K-block units).
zMEMA	INT	4	(IBM name: R744MEMA) Estimated maximum amount of space that may be assigned as augmented space for this structure (4K-block units).
zMEML	INT	8	(IBM name: R744MEML) Estimated maximum number of list entries that may reside in storage class memory for this structure.
zMEME	INT	8	(IBM name: R744MEME) Estimated maximum number of list elements that may reside in storage class memory for this structure.
zMENL	INT	8	(IBM name: R744MENL) Number of existing structure list entries that reside in storage class

			memory for this structure.
zMENE	INT	8	(IBM name: R744MENE) Number of existing structure list elements that reside in storage class memory for this structure.
zMSLT	INT	1	(IBM name: R744MSLT) Percentage of the list entry and list element counts that determines the lower threshold for migration from storage class memory to CF storage.
zMSUT	INT	1	(IBM name: R744MSUT) Percentage of the list entry and list element counts that determines the upper threshold for migration from CF storage to storage class memory.
zMSLR	INT	1	(IBM name: R744MSLR) Percentage of the list entry and list element counts that determines the lower threshold regulator for migration from CF storage class memory to CF real storage. The lower threshold regulators are used to stop migration from CF SCM into CF real storage after being triggered by the lower threshold.
zMSUR	INT	1	(IBM name: R744MSUR) Percentage of the list entry and list element counts that determines the upper threshold regulator for migration from CF real storage to CF storage class memory. The upper threshold regulators are used to stop migration from CF real storage into CF SCM after being triggered by the upper threshold.
zMSWC	INT	4	(IBM name: R744MSWC) SCM write count. The number of list write operations performed to storage class memory.
zMRFC	INT	4	(IBM name: R744MRFC) The number of read operations against storage class memory that were initiated by a reference to list structure objects residing in storage class memory.
zMRPC	INT	4	(IBM name: R744MRPC) The number of read operations against storage class memory that were initiated as a prefetch operation in order to retrieve list structure objects in storage class memory that are expected to be referenced.
zMRST	INT	8	(IBM name: R744MRST) Total amount of service times for read operations from storage class memory in microseconds.
zMRSQ	INT	8	(IBM name: R744MRSQ) Total amount of squares of service times for read operations from storage class memory in square-microseconds.
zMWST	INT	8	(IBM name: R744MWST) Total amount of service times for write operations to storage class memory in microseconds.
zMWSQ	INT	8	(IBM name: R744MWSQ) Total amount of squares of service times for write operations to storage class memory in square-microseconds.
zMRBT	INT	8	(IBM name: R744MRBT) SCM read bytes transferred. This is the number of bytes in 4K units transferred from storage class memory to CF storage.
zMWBT	INT	8	(IBM name: R744MWBT) SCM write bytes transferred. This is the number of bytes in 4K units transferred from CF storage to storage class memory.
zMAEC	INT	4	(IBM name: R744MAEC) SCM auxiliary enabled command count. This is the number of commands that required the use of CF auxiliary frames.
zMSRL	INT	4	(IBM name: R744MSRL) The number of references against storage class memory to locate list structure objects.
zMSRR	INT	4	(IBM name: R744MSRR) The number of references against storage class memory to resolve list entry key hashing.
zMSRM	INT	4	(IBM name: R744MSRM) The number of references against storage class memory for the purpose of migrating list structure objects from CF storage to storage class memory to allow the creation of new list structure objects in CF storage.

zMMBL	INT	4	(IBM name: R744MMBL) The maximum number of list entries that can be stored in a single storage class memory buffer.
zMMBE	INT	4	(IBM name: R744MMBE) The maximum number of list elements that can be stored in a single storage class memory buffer.
zMNEL	INT	4	(IBM name: R744MNEL) The minimum number of list elements that must be available for assignment after the specified allocation process completes.
zMNEC	INT	4	(IBM name: R744MNEC) The minimum number of list entries that must be available for assignment after the specified allocation process completes.
zMSRK	INT	4	(IBM name: R744MSRK) The number of references against storage class memory for the purpose of migrating list structure objects from storage class memory to CF storage to allow for key-range initialization to complete.

Secondary segment: **SMF074#04_Asynch_CF_Duplexing**

Field Name	Type	Len	Description
<i>SMF074#04_Asynch_CF_Duplexing.<fieldname></i>			
zAFO	INT	8	(IBM name: R744AFO) The most current failed operation sequence number.
zAHEO	INT	8	(IBM name: R744AHEO) Highest operation sequence number that can be executed and completed in the secondary CF.
zALAOH	INT	8	(IBM name: R744ALAOH) Highest sequence number of the operation that has been executed in the primary structure. (Valid if bit 4 0F zSFLG is set.)
zALAOSH	INT	8	(IBM name: R744ALAOSH) Highest sequence number of the operation that has completed in the primary and has been recognized by the secondary structure.
zALCOH	INT	8	(IBM name: R744ALCOH) Highest sequence number of the operation that has completed in the secondary structure. (Valid if bit 5 0F zSFLG is set.)
zALCOPH	INT	8	(IBM name: R744ALCOPH) Highest sequence number of the operation that has completed in the secondary structure and that has been recognized by the primary structure.
zALAO	INT	8	(IBM name: R744ALAO) Number of asynchronous duplex operations that have been executed in the primary structure. (Valid if bit 4 0F zSFLG is set.)
zALAOS	INT	8	(IBM name: R744ALAOS) Number of asynchronous duplex operations that have executed in the primary and have been recognized in the secondary structure.
zALCO	INT	8	(IBM name: R744ALCO) Number of asynchronous duplex operations transmitted from the primary to the secondary structure that completed in the secondary structure. (Valid if bit 5 0F zSFLG is set.)
zALCOP	INT	8	(IBM name: R744ALCOP) Number of asynchronous duplex operations that have been completed both in the primary and in the secondary structure that has been recognized by the primary structure.
zATPOCT	INT	8	(IBM name: R744ATPOCT) Total number of asynchronous duplex operations that have been transmitted from the primary to the secondary structure.
zATPOC	INT	8	(IBM name: R744ATPOC) Number of asynchronous duplex operations transmitted from the primary to the secondary structure in this interval.
zARCPOT	INT	8	

			(IBM name: R744ARCPOT) Total number of asynchronous duplex operations that have completed in the secondary and have been recognized as complete to the primary structure.
zARCPO	INT	8	(IBM name: R744ARCPO) Number of asynchronous duplex operations transmitted from the primary to the secondary structure and recognized as complete to the primary structure in this interval.
zACQSC	INT	8	(IBM name: R744ACQSC) Number of stalls in the processing of the secondary operation queue.
zAPDT	INT	8	(IBM name: R744APDT) Total amount of primary delay time for asynchronous duplex operations, in microseconds. The primary delay time is the elapsed time in the primary CF between the assignment of the operation to the queue buffer and the first attempt to send the operation to the secondary CF.
zAPDQ	INT	8	(IBM name: R744APDQ) Total amount of squares of primary delay time for asynchronous duplex operations, in square of microseconds.
zAMDT	INT	8	(IBM name: R744AMDT) Total amount of message delay time for asynchronous duplex operations, in microseconds. The message delay time is the elapsed time from the first attempt to send the asynchronous duplex operation in the primary CF to the time that the secondary CF assigns the asynchronous duplex operation to a secondary queue entry.
zAMDQ	INT	8	(IBM name: R744AMDQ) Total amount of squares of message delay time for asynchronous duplex operations, in square of microseconds.
zAQDT	INT	8	(IBM name: R744AQDT) Total amount of secondary queue delay time for asynchronous duplex operations, in microseconds. The secondary queue delay time is the elapsed time from the time the asynchronous duplex operation is assigned to a secondary queue entry to the time of completion of the asynchronous duplex operation.
zAQDQ	INT	8	(IBM name: R744AQDQ) Total amount of squares of secondary queue delay time for asynchronous duplex operations, in square of microseconds.
zAQST	INT	8	(IBM name: R744AQST) Total amount of secondary queue stall time for asynchronous duplex operations, in microseconds.
zAQSQ	INT	8	(IBM name: R744AQSQ) Total amount of squares of secondary queue stall time for asynchronous duplex operations, in square of microseconds.
zACDT	INT	8	(IBM name: R744ACDT) Total amount of secondary reported completion delay time for asynchronous duplex operations, in microseconds. The secondary reported completion delay time is the elapsed time in the secondary CF, from the time the asynchronous duplex operation completes in the secondary to the time that the completion is reported to the primary.
zACDQ	INT	8	(IBM name: R744ACDQ) Total amount of squares of secondary reported completion delay time for asynchronous duplex operations, in square of microseconds.
zARDT	INT	8	(IBM name: R744ARDT) Total amount of response delay time for asynchronous duplex operations, in microseconds. The response delay time is the elapsed time from the launch of the operation response in the secondary CF to the time that the primary CF recognizes the response.
zARDQ	INT	8	(IBM name: R744ARDQ) Total amount of squares of response delay time for asynchronous duplex operations, in square of microseconds.
zAOTT	INT	8	(IBM name: R744AOTT) Total amount of operation transmission time for operations sent from the primary to the secondary structure, in microseconds. (Valid if bit 5 0F zSFLG is set.)
zAOTQ	INT	8	(IBM name: R744AOTQ) Total amount of squares of operation transmission time, in square of

			microseconds. (Valid if bit 5 0F zSFLG is set.)
zASTT	INT	8	(IBM name: R744ASTT) Total amount of service time to transfer the asynchronous duplex operations to the secondary structure and complete the operations in the secondary structure, in microseconds. (Valid if bit 5 0F zSFLG is set.)
zASTQ	INT	8	(IBM name: R744ASTQ) Total amount of squares of service time to transfer the asynchronous duplex operations to the secondary structure and complete the operations in the secondary structure, in square of microseconds. (Valid if bit 5 0F zSFLG is set.)

Record Type 74 Subtype 5 - Cache Subsystem Device Activity

Primary Segment:

- SMF074#05_RMF_Cache_Subsys_Dev

Secondary Segment(s): 6 (in alphabetical order)

- SMF074#05_Cache_Control
- SMF074#05_Cache_Control_Unit_Status
- SMF074#05_Cache_Device
- SMF074#05_Cache_Device_Ext
- SMF074#05_Product
- SMF074#05_RAID_Rank_Extent_Pool

Primary segment: SMF074#05_RMF_Cache_Subsys_Dev

Field Name	Type	Len	Description
SMF074#05_RMF_Cache_Subsys_Dev.<fieldname>			
SMF074#05_RMF_Cache_Subsys_Dev.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z5CO	INT	4	(IBM name: SMF745CO) Offset to Control section.
z5CL	INT	2	(IBM name: SMF745CL) Length of Control section.
z5CN	INT	2	(IBM name: SMF745CN) Number of Control sections.
z5DO	INT	4	(IBM name: SMF745DO) Offset to Cache Device data section.
z5DL	INT	2	(IBM name: SMF745DL) Length of Cache Device data section.
z5DN	INT	2	(IBM name: SMF745DN) Number of Cache Device data sections.

z5XO	INT	4	(IBM name: SMF745XO) Offset to Cache Device data section extension.
z5XL	INT	2	(IBM name: SMF745XL) Length of Cache Device data section extension.
z5XN	INT	2	(IBM name: SMF745XN) Number of Cache Device data section extensions.
z5SO	INT	4	(IBM name: SMF745SO) Offset to Cache Status data section.
z5SL	INT	2	(IBM name: SMF745SL) Length of Cache Status data section.
z5SN	INT	2	(IBM name: SMF745SN) Number of Cache Status data sections.
z51O	INT	4	(IBM name: SMF7451O) Offset to RAID Rank data sections.
z51L	INT	2	(IBM name: SMF7451L) Length of RAID Rank data section.
z51N	INT	2	(IBM name: SMF7451N) Number of RAID Rank data sections. Individual header extension for SubType 6:

Secondary segment: **SMF074#05_Product**

Field Name	Type	Len	Description
<i>SMF074#05_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

<i>SMF074#05_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

<i>SMF074#05_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF074#05_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#05_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#05_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#05_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF074#05_Cache_Control

Field Name	Type	Len	Description
<i>SMF074#05_Cache_Control.<fieldname></i>			
zCLVL	INT	1	(IBM name: R745CLVL) Gatherer level.
zCMDL	INT	1	(IBM name: R745CMDL) Caching subsystem model.
zCCNT	INT	1	(IBM name: R745CCNT) Record sequence number.
zCUID	CHAR	1	(IBM name: R745CUID) Real control unit ID.
zCSC	INT	1	(IBM name: R745CSC) Status code. Value Meaning 0 SUCCESSFUL processed. 4 IOS return code zCIOC = 0. 8 IDCSS01 return code zCRTN = 0. 98 SYSTEM or USER ABEND zCEA = 0.
zCAE	INT	3	(IBM name: R745CAE) ABEND CODE (SDWACMPC): First 12 BITS = System completion code. Second 12 BITS = User completion code.
zCRTN	INT	2	(IBM name: R745CRTN) IDCSS01 return code. If not zero, record has no Device data sections (SMF745DN=0).
zCIOC	INT	1	(IBM name: R745CIOC) IOS return code. If not zero, record has no Device data sections (SMF745DN = 0).
zCINT	INT	4	(IBM name: R745CINT) Number of seconds since subsystem statistics last collected.
zCCMT	CHAR	28	(IBM name: R745CCMT) Hardware type and model of the control unit.
zCFDV	INT	3	(IBM name: R745CFDV) Failing device

Secondary segment: **SMF074#05_Cache_Device**

Field Name	Type	Len	Description
<i>SMF074#05_Cache_Device.<fieldname></i>			
zDVOL	CHAR	6	(IBM name: R745DVOL) Volume serial of device.

<i>SMF074#05_Cache_Device.zDFL4.<fieldname></i>			
z4Digit	BIT	1	4-Digit device address.
zSetId	BINT	2	Subchannel set ID.
zDCID	HEX	1	(IBM name: R745DCID) Real control unit type code.
zDCCU	HEX	1	(IBM name: R745DCCU) Configured control unit type code if zCMDL = 1.

<i>SMF074#05_Cache_Device.<fieldname></i>			
zDUNT	CHAR	3	(IBM name: R745DUNT) Unit address for sense command.
zDEVN	HEX	2	(IBM name: R745DEVN) Device number.

<i>SMF074#05_Cache_Device.zDFLG.<fieldname></i>			
zStgUnavail	BIT	1	SUBSYSTEM storage not available; set to 0 for DS8000
zDataFmt1	BINT (ENUM)	3	Format of data returned-1
zDataFmt2	BINT (ENUM)	4	Format of data returned-2

<i>SMF074#05_Cache_Device.<fieldname></i>			
zDVID	INT	1	(IBM name: R745DVID) Device address.

<i>SMF074#05_Cache_Device.zDVS1.<fieldname></i>			
zStatus	BINT (ENUM)	2	(IBM name: R745DVS1) Device caching status
zFastWrite	BINT (ENUM)	2	DASD fast write device status
zPPRCSusp	BIT	1	PPRC copy pair suspended.
zPPRCDupP	BIT	1	PPRC copy pair is duplex pending.
zPPRCStatus	BINT (ENUM)	2	PPRC pair status.

<i>SMF074#05_Cache_Device.zDVS2.<fieldname></i>			
zDevicePinnedData	BINT (ENUM)	2	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 0. Pinned data: B'00' = No pinned data exists for the device. B'01' = Pinned data exists for the device. B'10' = Reserved. B'11' = Not used.
zGlobalMirrorState	BINT (ENUM)	3	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Global Mirror state: B'000' = No Global Mirror configured. B'001' = Global Mirror running - optimal. B'010' = Global Mirror running - suboptimal. B'011' = Global Mirror running - consistency groups failing.

			B'100' = Global Mirror paused. B'101' = Global Mirror fatal. B'110' = More than one Global Mirror session is running. B'111' = Reserved.
zSessPending	BIT	1	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Session member is pending.
zVolOnline	BIT	1	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Volume not allowed online.
zFlashCopy	BIT	1	Advanced FlashCopy enabled.
zFlashCopyFV	BIT	1	FlashCopy full volume enabled.

SMF074#05_Cache_Device.<fieldname>			
zDRCR	FLOAT	4	(IBM name: R745DRCR) Search read caching requests.
zDCRH	FLOAT	4	(IBM name: R745DCRH) Search read caching hits.
zDWRC	FLOAT	4	(IBM name: R745DWRC) Write caching requests.
zDWCH	FLOAT	4	(IBM name: R745DWCH) Write caching request hits.
zDRSR	FLOAT	4	(IBM name: R745DRSR) Read sequential requests.
zDRSH	FLOAT	4	(IBM name: R745DRSH) Read sequential request hits.
zDWSR	FLOAT	4	(IBM name: R745DWSR) Write sequential requests.
zDWSH	FLOAT	4	(IBM name: R745DWSH) Write sequential request hits.
zDRNR	FLOAT	4	(IBM name: R745DRNR) Search read non-retentive requests.
zDNRH	FLOAT	4	(IBM name: R745DNRH) Search read non-retentive request hits.
zDWNR	FLOAT	4	(IBM name: R745DWNR) Write non-retentive requests.
zDWNH	FLOAT	4	(IBM name: R745DWNH) Write non-retentive hits.
zDICL	FLOAT	4	(IBM name: R745DICL) Inhibit cache load requests.
zDBCR	FLOAT	4	(IBM name: R745DBCR) Bypass cache requests.
zDTC	FLOAT	4	(IBM name: R745DTC) Sequential DASD to cache XFRs.
zDNTD	FLOAT	4	(IBM name: R745DNTD) Normal cache requests DASD to cache XFRs.
zDCTD	FLOAT	4	(IBM name: R745DCTD) Cache to DASD XFRs.
zDFWB	FLOAT	4	(IBM name: R745DFWB) DASD Fast Write operations delayed due to non-volatile storage space constraints.
zDFWC	FLOAT	4	(IBM name: R745DFWC) Fast write caching requests.
zDFWS	FLOAT	4	(IBM name: R745DFWS) Fast write sequential requests.

zDCRM	FLOAT	4	(IBM name: R745DCRM) Record cache read misses.
-------	-------	---	---

SMF074#05_Cache_Device.zDSG2.<fieldname>

zVolumeSpace	BINT (ENUM)	2	Volume Space Management.
zFailedNVS	BIT	1	Data exits in failed NVS.
zSoftFenced	BIT	1	Device is in a soft fenced state.
zSPIDFenced	BIT	1	Device is in a SPID fenced state.
zRAIDRebuild	BIT	1	Volume is part of a RAID rank that is undergoing RAID rebuild.
zDevicePinnedDataX	BINT (ENUM)	2	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Pinned data: B'00' = No pinned data exists for the device. B'01' = Pinned data exists for the device. B'10' = Reserved. B'11' = Not used.

SMF074#05_Cache_Device.<fieldname>

zINCR	INT	1	(IBM name: R745INCR) Status code. 0 TRANSFER statistics not valid. 1 TRANSFER statistics valid. Bytes in units of 128K. Times in units of 16 MILLISECONDS.
zDSID	INT	2	(IBM name: R745DSID) Subsystem ID.
zDCWP	FLOAT	4	(IBM name: R745DCWP) RCD cache write promotions.
zDKDW	FLOAT	4	(IBM name: R745DKDW) CKD writes, collected for 3990-03/06 and 2105.
zDKDH	FLOAT	4	(IBM name: R745DKDH) CKD write hits, collected for 3990-03/06 and 2105.
zDFWR	FLOAT	4	(IBM name: R745DFWR) Operations delayed due to cache space constraints.
zBYTR	FLOAT	4	(IBM name: R745BYTR) Bytes read. See zINCR.
zBYTW	FLOAT	4	(IBM name: R745BYTW) Bytes written. See zINCR.
zRTIR	FLOAT	4	(IBM name: R745RTIR) Response time to read bytes. See zINCR.
zRTIW	FLOAT	4	(IBM name: R745RTIW) Response time to write bytes. See zINCR.

Secondary segment: SMF074#05_Cache_Device_Ext

Field Name	Type	Len	Description
SMF074#05_Cache_Device_Ext.<fieldname>			
zXDVN	INT	2	(IBM name: R745XDVN) Device number.
zXSCS	INT	1	(IBM name: R745XSCS) Subchannel set ID.
zXRSV	FLOAT	4	(IBM name: R745XRSV) Lower interface I/O response time (in milliseconds).
zXCTC	FLOAT	4	(IBM name: R745XCTC) Not used by RMF.

zXCTR	FLOAT	4	(IBM name: R745XCTR) Not used by RMF.
zXVRD	FLOAT	4	(IBM name: R745XVRD) Not used by RMF.
zXVRH	FLOAT	4	(IBM name: R745XVRH) Not used by RMF.
zXVWR	FLOAT	4	(IBM name: R745XVWR) Not used by RMF.
zXVWH	FLOAT	4	(IBM name: R745XVWH) Not used by RMF.
zXSRR	FLOAT	4	(IBM name: R745XSRR) Not used by RMF.
zXFRD	FLOAT	4	(IBM name: R745XFRD) Not used by RMF.
zXWCC	FLOAT	4	(IBM name: R745XWCC) Not used by RMF.
zXPRC	FLOAT	4	(IBM name: R745XPRC) Not used by RMF.
zXCT1	FLOAT	4	(IBM name: R745XCT1) Not used by RMF.
zXCT2	FLOAT	4	(IBM name: R745XCT2) Not used by RMF.
zXCT3	FLOAT	4	(IBM name: R745XCT3) Not used by RMF.
zXCT4	FLOAT	4	(IBM name: R745XCT4) Not used by RMF.
zXCT5	FLOAT	4	(IBM name: R745XCT5) Not used by RMF.
zXCT6	FLOAT	4	(IBM name: R745XCT6) Not used by RMF.
zXCT7	FLOAT	4	(IBM name: R745XCT7) Not used by RMF.
zXCT8	FLOAT	4	(IBM name: R745XCT8) Not used by RMF.
zXCT9	FLOAT	4	(IBM name: R745XCT9) Not used by RMF.
zXCTA	FLOAT	4	(IBM name: R745XCTA) Not used by RMF.

Secondary segment: **SMF074#05_Cache_Control_Unit_Status**

Field Name	Type	Len	Description
<i>SMF074#05_Cache_Control_Unit_Status.<fieldname></i>			
zSVOL	CHAR	6	(IBM name: R745SVOL) Volume serial of device.
zSUNT	INT	3	(IBM name: R745SUNT) Unit address for sense command.
zSDEV	INT	2	(IBM name: R745SDEV) Device number.
zSLN	INT	2	(IBM name: R745SLN) Length of data section.

SMF074#05_Cache_Control_Unit_Status.zSFT.<fieldname>

zFormat	BINT	4	Format of data returned: B'....0000' = 40-Bytes sense. B'.....01' = 44 Bytes sense/unit KB B'.....10' = 96 Bytes sense/unit KB
---------	------	---	---

SMF074#05_Cache_Control_Unit_Status.<fieldname>

zSDID	INT	1	(IBM name: R745SDID) Device ID.
zSNAD	INT	1	(IBM name: R745SNAD) Number of attached devices.
zSNSS	INT	1	(IBM name: R745SNSS) Number of statistic sets.

SMF074#05_Cache_Control_Unit_Status.zSCS.<fieldname>

zCaching	BINT (ENUM)	3	(IBM name: R745SCS) Overall caching status
zSingleCluster	BIT	1	The storage facility is running as a single cluster.
zNonRetentD	BIT	1	Non-retentive deactivated.

SMF074#05_Cache_Control_Unit_Status.zSVSS.<fieldname>

zHostTerm	BIT	1	Host termination.
zProbTerm	BIT	1	Problem termination.
zDFWInhibit	BIT	1	DFW inhibited.
zDisabled	BIT	1	Disabled for maintenance.
zPending	BIT	1	Pending due to problem.

SMF074#05_Cache_Control_Unit_Status.<fieldname>

zSCLN	INT	2	(IBM name: R745SCLN) Length of subsystem count area.
zSCSF	INT	2	(IBM name: R745SCSF) State of Copy Services function.
zSCNF	INT	4	(IBM name: R745SCNF) Configured subsystem storage. (Bytes if R745SFT=0, Kilobytes (KB) if R745SFT=1 or 2.
zSAVL	INT	4	(IBM name: R745SAVL) Available subsystem storage (Bytes if R745SFT=0, Kilobytes (KB) if R745SFT=1 or 2.
zSPIN	INT	4	(IBM name: R745SPIN) Pinned subsystem storage. (Bytes if R745SFT=0, Kilobytes (KB) if R745SFT=1 or 2.
zSOFF	INT	4	(IBM name: R745SOFF) Offline subsystem storage. (Bytes if R745SFT=0, Kilobytes (KB) if R745SFT=1 or 2.

SMF074#05_Cache_Control_Unit_Status.zSDS1.<fieldname>

zStatus	BINT (ENUM)	2	(IBM name: R745SDS1) Device caching status
zFastWrite	BINT (ENUM)	2	DASD fast write device status
zPPRCSusp	BIT	1	PPRC copy pair suspended.
zPPRCDupP	BIT	1	PPRC copy pair is duplex pending.
zDuplexPair	BINT (ENUM)	2	Duplex pair status.

SMF074#05_Cache_Control_Unit_Status.zSDS2.<fieldname>

zDevicePinnedData	BINT (ENUM)	2	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 0. Pinned data: B'00' = No pinned data exists for the device. B'01' = Pinned data exists for the device. B'10' = Reserved. B'11' = Not used.
zGlobalMirrorState	BINT (ENUM)	3	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Global Mirror state: B'000' = No Global Mirror configured. B'001' = Global Mirror running - optimal. B'010' = Global Mirror running - suboptimal. B'011' = Global Mirror running - consistency groups failing. B'100' = Global Mirror paused. B'101' = Global Mirror fatal. B'110' = More than one Global Mirror session is running. B'111' = Reserved.
zSessPending	BIT	1	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Session member is pending.
zVolOnline	BIT	1	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Volume not allowed online.
zFlashCopy	BIT	1	Advanced FlashCopy enabled.
zFlashCopyFV	BIT	1	FlashCopy full volume enabled.

SMF074#05_Cache_Control_Unit_Status.<fieldname>

zSCNV	INT	4	(IBM name: R745SCNV) Configured non-volatile cache (Bytes if R745SFT=0, Kilobytes (KB) if R745SFT=1 or 2.
zSPND	INT	4	(IBM name: R745SPND) Pinned non-volatile cache (Bytes if R745SFT=0, Kilobytes (KB) if R745SFT=1 or 2.

SMF074#05_Cache_Control_Unit_Status.zSG2.<fieldname>

zVolumeSpace	BINT (ENUM)	2	Volume Space Management.
zFailedNVS	BIT	1	Data exits in failed NVS.
zSoftFenced	BIT	1	Device is in a soft fenced state.
zSPIDFenced	BIT	1	Device is in a SPID fenced state.
zRAIDRebuild	BIT	1	Volume is part of a RAID rank that is undergoing RAID rebuild.
zDevicePinnedDataX	BINT (ENUM)	2	Applicable when SMF075#05_Cache_Control_Unit_Status.zSFT.zFormat (R745SFT) = 1 or 2. Pinned data: B'00' = No pinned data exists for the device. B'01' = Pinned data exists for the device. B'10' = Reserved. B'11' = Not used.

SMF074#05_Cache_Control_Unit_Status.zSGL.<fieldname>

zSusp	BIT	1	CFW and DFW suspended.
-------	-----	---	------------------------

SMF074#05_Cache_Control_Unit_Status.<fieldname>

zSSID	INT	2	(IBM name: SMF74SID) Subsystem ID.
-------	-----	---	---------------------------------------

Secondary segment: SMF074#05_RAID_Rank_Extent_Pool

Field Name	Type	Len	Description
<i>SMF074#05_RAID_Rank_Extent_Pool.<fieldname></i>			
z1DVN	INT	2	(IBM name: R7451DVN) Device number (binary).
<i>SMF074#05_RAID_Rank_Extent_Pool.z1INC.<fieldname></i>			
zZHPF	BIT	1	ZHPF read and write I/O requests z1CT5 and z1CT6 are available.
zUnits	BIT	2	Measurement units: v B'00' = Bytes in units of 128K, and times in units of 16 milliseconds. B'01', B'10', B'11' = reserved.
zTransfer	BIT	1	Transfer statistics z1XFR are valid.
<i>SMF074#05_RAID_Rank_Extent_Pool.<fieldname></i>			
z1SCS	INT	1	(IBM name: R7451SCS) Subchannel set ID.
z1RSV	FLOAT	4	(IBM name: R7451RSV) Lower interface I/O response time (in milliseconds).
z1FLG	INT (ENUM)	1	(IBM name: R7451FLG) Flag
z1AID	INT	1	(IBM name: R7451AID) Device adapter ID. Only valid with RAID rank data.
z1RID	INT	2	(IBM name: R7451RID) RAID rank ID.
z1XID	INT	2	(IBM name: R7451XID) Extent pool ID.
z1HDD	INT	1	(IBM name: R7451HDD) Number of HDDs in RAID rank.
z2XTY	INT (ENUM)	1	(IBM name: R7452XTY) Extent type
z1RTY	INT (ENUM)	1	(IBM name: R7451RTY) RAID rank type
z2XFL	INT	1	Extent pool flag:
z1HSS	INT	2	(IBM name: R7451HSS) HDD sector size.
z1RRQ	FLOAT	4	(IBM name: R7451RRQ) RAID rank read requests.
z2PRO	FLOAT	4	(IBM name: R7452PRO) Physical storage read operations.
z1WRQ	FLOAT	4	(IBM name: R7451WRQ) RAID rank write requests.
z2PWO	FLOAT	4	(IBM name: R7452PWO) Physical storage write operations.
z1SR	FLOAT	4	(IBM name: R7451SR) RAID rank FB sectors read.
z2PBR	FLOAT	4	(IBM name: R7452PBR) Physical storage bytes read. For units, see bits 5 AND 6 OF z1INC.
z1SW	FLOAT	4	(IBM name: R7451SW) RAID rank FB sectors written.
z2PBW	FLOAT	4	(IBM name: R7452PBW) Physical storage bytes written. For units, see bits 5 AND 6 OF z1INC.
z1RMR	FLOAT	4	(IBM name: R7451RMR) Record mode read request.

z1XSF	FLOAT	4	(IBM name: R7451XSF) Extended-Remote-Copy(XRC) or Concurrent-Copy(CC) sidefile read request.
z1XCW	FLOAT	4	(IBM name: R7451XCW) XRC or CC contaminated writes.
z1TSP	FLOAT	4	(IBM name: R7451TSP) Number of tracks transferred to secondary Peer-to-Peer-Remote-Copy(PPRC) volume.
z1NVS	FLOAT	4	(IBM name: R7451NVS) NVS space allocation.
z1RRT	FLOAT	4	(IBM name: R7451RRT) RAID rank read response time (in milliseconds).
z2PRT	FLOAT	4	(IBM name: R7452PRT) Physical storage read response time. For units, see bits 5 AND 6 OF z1INC.
z1WRT	FLOAT	4	(IBM name: R7451WRT) RAID rank write response time (in milliseconds).
z2PWT	FLOAT	4	(IBM name: R7452PWT) Physical storage write response time. For units, see bits 5 AND 6 OF z1INC.
z1CT1	FLOAT	4	(IBM name: R7451CT1) Bytes read. For units, see bits 5 AND 6 OF z1INC.
z1CT2	FLOAT	4	(IBM name: R7451CT2) Bytes written. For units, see bits 5 AND 6 OF z1INC.
z1CT3	FLOAT	4	(IBM name: R7451CT3) Read response time. For units, see bits 5 AND 6 OF z1INC.
z1CT4	FLOAT	4	(IBM name: R7451CT4) Write response time. For units, see bits 5 AND 6 OF z1INC.
z1CT5	FLOAT	4	(IBM name: R7451CT5) Number of zHPF read I/O requests (valid if bit 4 IN z1INC is set).
z1CT6	FLOAT	4	(IBM name: R7451CT6) Number of zHPF write I/O requests (valid if bit 4 IN z1INC is set).
z1ZHL	FLOAT	4	(IBM name: R7451ZHL) zHPF List Pre-fetch I/O Requests. Number of command chains, where the Transport Mode operation specified a non-zero Imbedded Locate Record Count.
z1ZHH	FLOAT	4	(IBM name: R7451ZHH) zHPF List Pre-fetch I/O Request Hits. Number of command chains, where v the Transport Mode operation specified a non-zero Imbedded Locate Record Count. v the chain was completed without requiring access to any DDM.
z1GSF	FLOAT	4	(IBM name: R7451GSF) Global Mirror Collisions sidefile count. A GMC occurs when, during the sending of data in the secondary to create a consistency group, a subsequent host update is attempted before the modified track has been transmitted to the secondary volume. The modified track will be moved to the sidefile before allowing a new host write. The counter will be incremented by one when a track is added to the sidefile.
z1GSS	FLOAT	4	(IBM name: R7451GSS) Global Mirror Collisions synchronous count. When a write collision occurs, the modified track data which belongs to the current consistency group may be sent to the remote control unit before allowing the write. The data may come from the sidefile if it is full or from cache if the collision sidefile is not being utilized.
z1SRR	FLOAT	4	(IBM name: R7451SRR) Number of synchronous I/O cache read requests. (Valid if bit 3 OF z1INC is set.)
z1SRH	FLOAT	4	(IBM name: R7451SRH) Number of synchronous I/O cache read request hits. (Valid if bit 3 OF z1INC is set.)
z1SWR	FLOAT	4	(IBM name: R7451SWR) Number of synchronous I/O cache write requests. (Valid if bit 3 OF z1INC is

			set.)
z1SWH	FLOAT	4	(IBM name: R7451SWH) Number of synchronous I/O cache write request hits. (Valid if bit 3 of z1INC is set.)

Record Type 74 Subtype 6 - Hierarchical File System Statistics

Primary Segment:

- SMF074#06_RMF_HFS_Stats

Secondary Segment(s): 4 (in alphabetical order)

- SMF074#06_HFS_File_System
- SMF074#06_HFS_Global
- SMF074#06_HFS_Global_Buffer
- SMF074#06_Product

Primary segment: SMF074#06_RMF_HFS_Stats

Field Name	Type	Len	Description
SMF074#06_RMF_HFS_Stats.<fieldname>			
SMF074#06_RMF_HFS_Stats.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z6DO	INT	4	(IBM name: SMF746DO) Offset to HFS Global data section.
z6DL	INT	2	(IBM name: SMF746DL) Length of HFS Global data section.
z6DN	INT	2	(IBM name: SMF746DN) Number of HFS Global data sections.
z6BO	INT	4	(IBM name: SMF746BO) Offset to HFS Global Buffer section.
z6BL	INT	2	(IBM name: SMF746BL) Length of HFS Global Buffer section.
z6BN	INT	2	(IBM name: SMF746BN) Number of HFS Global Buffer sections.
z6FO	INT	4	

			(IBM name: SMF746FO) Offset to HFS File System section.
z6FL	INT	2	(IBM name: SMF746FL) Length of HFS File System section.
z6FN	INT	2	(IBM name: SMF746FN) Number of HFS File System sections. Individual header extension for SubType 7:

Secondary segment: **SMF074#06_Product**

Field Name	Type	Len	Description
<i>SMF074#06_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

<i>SMF074#06_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

<i>SMF074#06_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

<i>SMF074#06_Product.zPRF.<fieldname></i>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed

zEnhDAT	BIT	1	Enhanced DAT facility
SMF074#06_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#06_Product.Reassembly_Area.<fieldname>			
zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#06_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.

zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.
------	-----	---	--

Secondary segment: SMF074#06_HFS_Global

Field Name	Type	Len	Description
<i>SMF074#06_HFS_Global.<fieldname></i>			
zGMXV	INT	4	(IBM name: R746GMXV) Value of VIRTUAL(MAX) (in MB).
zGUSV	INT	4	(IBM name: R746GUSV) Total amount (in pages) of virtual storage in use.
zGMNF	INT	4	(IBM name: R746GMNF) Value of FIXED(MIN) (in MB).
zGUSF	INT	4	(IBM name: R746GUSF) Total amount (in pages) of permanently fixed storage in use.
zGMC	FLOAT	8	(IBM name: R746GMC) Number of times the metadata for a file was found in virtual storage (cache) during file lookup.
zGMNC	FLOAT	8	(IBM name: R746GMNC) Number of times the metadata for a file was not found in virtual storage (cache) during file lookup and an index call was necessary which may result in an I/O.
zG1C	FLOAT	8	(IBM name: R746G1C) Number of times the first page of a data file was requested and found in virtual storage (cache).
zG1NC	FLOAT	8	(IBM name: R746G1NC) Number of times the first page of a data file was requested and not found in virtual storage (cache) and an I/O was necessary.
zGLRC	INT	4	(IBM name: R746GLRC) Return code from OMVS BPX1PCT for DisplayBufferLimits command.
zGLRS	INT	4	(IBM name: R746GLRS) Reason code from OMVS BPX1PCT for DisplayBufferLimits command.
zGSRC	INT	4	(IBM name: R746GSRC) Return code from OMVS BPX1PCT for DisplayGlobalStats command.
zGSRS	INT	4	(IBM name: R746GSRS) Reason code from OMVS BPX1PCT for DisplayGlobalStats command.

<i>SMF074#06_HFS_Global.zGSFL.<fieldname></i>			
zOMVSNotReady	BIT	1	OMVS kernel not ready
zNoBuffLim	BIT	1	No buffer limit data
zNoGlobal	BIT	1	No global data
zPartial	BIT	1	Partial global data

Secondary segment: SMF074#06_HFS_Global_Buffer

Field Name	Type	Len	Description
<i>SMF074#06_HFS_Global_Buffer.<fieldname></i>			

zGSB	INT	2	(IBM name: R746GSB) Size of buffers in buffer pool (in pages).
zGNDS	INT	2	(IBM name: R746GNDS) Number of data spaces for buffer pool.
zGSBP	INT	4	(IBM name: R746GSBP) Size of buffer pool (in pages).
zGSBF	INT	4	(IBM name: R746GSBF) Size of permanently fixed buffers in buffer pool (in pages).
zGBF	FLOAT	8	(IBM name: R746GBF) Number of times a buffer was already fixed prior to an I/O request in buffer pool.
zGBNF	FLOAT	8	(IBM name: R746GBNF) Number of times a buffer was not already fixed prior to an I/O request in buffer pool.

Secondary segment: **SMF074#06_HFS_File_System**

Field Name	Type	Len	Description
<i>SMF074#06_HFS_File_System.<fieldname></i>			
zFSNM	CHAR	44	(IBM name: R746FSNM) File system name (cataloged dataset name).
zFSNL	INT	1	(IBM name: R746FSNL) Length of file system name.
zFSFL	INT	1	Status flags.
zFCTM	CHAR	8	(IBM name: R746FCTM) Current time stamp (when was data obtained).
zFMTM	CHAR	8	(IBM name: R746FMTM) Mount time stamp.
zFSF	INT	4	(IBM name: R746FSF) Size of file system (in pages).
zFPF	INT	4	(IBM name: R746FPF) Number of pages internally used by HFS.
zFPD	INT	4	(IBM name: R746FPD) Number of pages used for the attribute directory.
zFPC	INT	4	(IBM name: R746FPC) Number of data buffer pages cached by this file system.
zFSFI	FLOAT	8	(IBM name: R746FSFI) Number of sequential file data I/O requests issued.
zFRFI	FLOAT	8	(IBM name: R746FRFI) Number of random file data I/O requests issued.
zFMC	FLOAT	8	(IBM name: R746FMC) Number of times the metadata for a file was found in virtual storage (cache) during file lookup.
zFMNC	FLOAT	8	(IBM name: R746FMNC) Number of times the metadata for a file was not found in virtual storage (cache) during file lookup and an index call was necessary which may result in an I/O.
zF1C	FLOAT	8	(IBM name: R746F1C) Number of times the first page of a data file was requested and found in virtual storage (cache).
zF1NC	FLOAT	8	(IBM name: R746F1NC) Number of times the first page of a data file was requested and not found in virtual storage (cache) and an I/O was necessary.
zFINT	FLOAT	8	(IBM name: R746FINT) Number of index new tops.

zFIS	FLOAT	8	(IBM name: R746FIS) Number of index splits.
zFIJ	FLOAT	8	(IBM name: R746FIJ) Number of index joins.
zFIRH	FLOAT	8	(IBM name: R746FIRH) Number of index page read hits.
zFIRM	FLOAT	8	(IBM name: R746FIRM) Number of index page read misses.
zFIWH	FLOAT	8	(IBM name: R746FIWH) Number of index page write hits.
zFIWM	FLOAT	8	(IBM name: R746FIWM) Number of index page write misses.
zFSRC	INT	4	(IBM name: R746FSRC) Return code from OMVS BPX1PCT for DisplayFSStats command.
zFSRS	INT	4	(IBM name: R746FSRS) Reason code from OMVS BPX1PCT for DisplayFSStats command.

Record Type 74 Subtype 7 - FICON Director Statistics

Primary Segment:

- SMF074#07_RMF_FICON_Director_Stats

Secondary Segment(s): 5 (in alphabetical order)

- SMF074#07_FCD_Connector
- SMF074#07_FCD_Global
- SMF074#07_FCD_Port
- SMF074#07_FCD_Switch
- SMF074#07_Product

Primary segment: SMF074#07_RMF_FICON_Director_Stats

Field Name	Type	Len	Description
SMF074#07_RMF_FICON_Director_Stats.<fieldname>			
SMF074#07_RMF_FICON_Director_Stats.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z7GO	INT	4	(IBM name: SMF747GO) Offset to FCD Global data section.
z7GL	INT	2	(IBM name: SMF747GL) Length of FCD Global data section.
z7GN	INT	2	(IBM name: SMF747GN) Number of FCD Global data sections.
z7SO	INT	4	(IBM name: SMF747SO) Offset to FCD Switch data section.
z7SL	INT	2	(IBM name: SMF747SL) Length of FCD Switch data section.
z7SN	INT	2	(IBM name: SMF747SN) Number of FCD Switch data sections.

z7PO	INT	4	(IBM name: SMF747PO) Offset to FCD Port data section.
z7PL	INT	2	(IBM name: SMF747PL) Length of FCD Port data section.
z7PN	INT	2	(IBM name: SMF747PN) Number of FCD Port data sections.
z7CO	INT	4	(IBM name: SMF747CO) Offset to FCD Connector data section.
z7CL	INT	2	(IBM name: SMF747CL) Length of FCD Connector data section.
z7CN	INT	2	(IBM name: SMF747CN) Number of FCD Connector data sections. Individual header extension for SubType 8:

Secondary segment: **SMF074#07_Product**

Field Name	Type	Len	Description
<i>SMF074#07_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

SMF074#07_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF074#07_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF074#07_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
---------	-----	---	---------------------------------

zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#07_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#07_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in

			header section).
SMF074#07_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF074#07_FCD_Global**

Field Name	Type	Len	Description
SMF074#07_FCD_Global.<fieldname>			
SMF074#07_FCD_Global.zGCFL.<fieldname>			
zInterval	BIT	1	Configuration changed during interval.
zIPL	BIT	1	Configuration changed since IPL.
zIODF	BIT	1	System IPLed by way of IODF.
zValid	BIT	1	I/O configuration token is valid.
SMF074#07_FCD_Global.<fieldname>			
zGNFD	INT	2	(IBM name: R747GNFD) Number of installed FCD switches.
zGINM	CHAR	44	(IBM name: R747GINM) IODF name.
zGISF	CHAR	2	(IBM name: R747GISF) Suffix of IODF name.
zGICI	CHAR	18	(IBM name: R747GICI) IODF creation information.
zGICD	CHAR	10	(IBM name: R747GICD) IODF creation date (mm/dd/yyyy).
zGICT	CHAR	8	(IBM name: R747GICT) IODF creation time (hh.mm.ss).

Secondary segment: **SMF074#07_FCD_Switch**

Field Name	Type	Len	Description
SMF074#07_FCD_Switch.<fieldname>			
zSDEV	INT	2	(IBM name: R747SDEV) Switch device number.
zSLSN	INT	1	(IBM name: R747SLSN) Logical switch number.
SMF074#07_FCD_Switch.zSPFL.<fieldname>			
zSwitch	BIT	1	Status of switch has changed.

zPorts	BIT	1	Number of ports has changed.
zOffline	BIT	1	Switch is offline.
zOnline	BIT	1	Switch is now online.
zCascaded	BIT	1	Cascaded switch.

SMF074#07_FCD_Switch.<fieldname>

zSND	CHAR	32	(IBM name: R747SND) ND associated with switch device.
zSNSP	INT	2	(IBM name: R747SNSP) Number of supported ports for this switch.
zSNIP	INT	2	(IBM name: R747SNIP) Number of installed ports for this switch.

Secondary segment: SMF074#07_FCD_Port

Field Name	Type	Len	Description
SMF074#07_FCD_Port.<fieldname>			
zPNUM	CHAR	1	(IBM name: R747PNUM) Port number.
zPADR	CHAR	1	(IBM name: R747PADR) Port address.

SMF074#07_FCD_Port.zPTFL.<fieldname>

zSingleCU	BIT	1	Port type is single CU.
zMultCU	BIT	1	Port type is multiple CU.
zCHPID	BIT	1	Port type is CHPID.
zSwitch	BIT	1	Port type is switch.

SMF074#07_FCD_Port.zPSFL.<fieldname>

zNonUnique	BIT	1	Port type is not unique.
zIdNonUnique	BIT	1	Id is not unique or not known.
zChnOnCaller	BIT	1	Channel on caller's system.
zInstalled	BIT	1	Port installed.
zChanged	BIT	1	Port status changed.
zRemoved	BIT	1	Port has been removed.
zActivated	BIT	1	Port has been activated.
zNoData	BIT	1	No measurement data available for this port.

SMF074#07_FCD_Port.<fieldname>

zPCU	INT	2	(IBM name: R747PCU) Connector id (CU) or channel path. Note: In case of a channel path, the CHPID can also be addressed as a one-byte field zPCP at offset 5.
zPCUN	INT	1	(IBM name: R747PCUN) Number of connector CUs.
zPNPC	INT	1	(IBM name: R747PNPC) Number of Connector sections.
zPXPC	INT	2	(IBM name: R747PXPC) Index of first Connector section.

SMF074#07_FCD_Port.zPPFL.<fieldname>			
zPortRet	BIT	1	Port information was returned at least once for this port.
zNotInst	BIT	1	Port information showed this port not installed.
zLinkFail	BIT	1	Port information showed link failure condition.
zOffline	BIT	1	Port information showed this port offline.
zStatRet	BIT	1	Statistics were returned at least once for this port.

SMF074#07_FCD_Port.<fieldname>			
zPFPT	FLOAT	8	(IBM name: R747PFPT) Frame pacing time (in units of 2.5 microseconds).
zPNWR	FLOAT	8	(IBM name: R747PNWR) Number of words received.
zPNWT	FLOAT	8	(IBM name: R747PNWT) Number of words transmitted.
zPNFR	FLOAT	8	(IBM name: R747PNFR) Number of frames received.
zPNFT	FLOAT	8	(IBM name: R747PNFT) Number of frames transmitted.
zPNER	FLOAT	8	(IBM name: R747PNER) Number of errors.
zPAND	CHAR	32	(IBM name: R747PAND) Node descriptor of attached unit.

Secondary segment: **SMF074#07_FCD_Connector**

Field Name	Type	Len	Description
SMF074#07_FCD_Connector.<fieldname>			
zCNUM	CHAR	1	(IBM name: R747CNUM) Port number.
zCADR	CHAR	1	(IBM name: R747CADR) Port address.

SMF074#07_FCD_Connector.zCTFL.<fieldname>			
zSingleCPU	BIT	1	Port type is single CU.
zMultCPU	BIT	1	Port type is multiple CU.
zCHPID	BIT	1	Port type is CHPID.
zSwitch	BIT	1	Port type is switch.

SMF074#07_FCD_Connector.zCSFL.<fieldname>			
zNonUnique	BIT	1	Port type is not unique.
zIdNonUnique	BIT	1	Id is not unique or not known.
zChnOnCaller	BIT	1	Channel on caller's system.
zInstalled	BIT	1	Port installed.
zChanged	BIT	1	Port status changed.
zRemoved	BIT	1	Port has been removed.
zActivated	BIT	1	Port has been activated.
zNoData	BIT	1	No measurement data available for this port.

SMF074#07_FCD_Connector.<fieldname>			
zCCU	INT	2	(IBM name: R747CCU) Connector id (CU).
zCCUN	INT	1	(IBM name: R747CCUN) Number of connector CUs.

Record Type 74 Subtype 8 - Enterprise Disk System Statistics

Primary Segment:

- SMF074#08_RMF_Enterprise_Disk_Sys_Stats

Secondary Segment(s): 6 (in alphabetical order)

- SMF074#08_Control
- SMF074#08_Extent_Pool_Stats
- SMF074#08_Link_Stats
- SMF074#08_Product
- SMF074#08_Rank_Array
- SMF074#08_Rank_Stats

Primary segment: SMF074#08_RMF_Enterprise_Disk_Sys_Stats

Field Name	Type	Len	Description
<i>SMF074#08_RMF_Enterprise_Disk_Sys_Stats.<fieldname></i>			
SMF074#08_RMF_Enterprise_Disk_Sys_Stats.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z8CO	INT	4	(IBM name: SMF748CO) Offset to Control data section.
z8CL	INT	2	(IBM name: SMF748CL) Length of Control data section.
z8CN	INT	2	(IBM name: SMF748CN) Number of Control data sections.
z8LO	INT	4	(IBM name: SMF748LO) Offset to Link Statistics section.
z8LL	INT	2	(IBM name: SMF748LL) Length of Link Statistics section.
z8LN	INT	2	(IBM name: SMF748LN) Number of Link Statistics sections.

z8XO	INT	4	(IBM name: SMF748XO) Offset to Extent Pool Statistics section.
z8XL	INT	2	(IBM name: SMF748XL) Length of Extent Pool Statistics section.
z8XN	INT	2	(IBM name: SMF748XN) Number of Extent Pool Statistics sections.
z8RO	INT	4	(IBM name: SMF748RO) Offset to Rank Statistics section.
z8RL	INT	2	(IBM name: SMF748RL) Length of Rank Statistics section.
z8RN	INT	2	(IBM name: SMF748RN) Number of Rank Statistics sections.
z8AO	INT	4	(IBM name: SMF748AO) Offset to Rank Array data section.
z8AL	INT	2	(IBM name: SMF748AL) Length of Rank Array data section.
z8AN	INT	2	(IBM name: SMF748AN) Number of Rank Array data sections. Individual header extension for SubType 9:

Secondary segment: **SMF074#08_Product**

Field Name	Type	Len	Description
<i>SMF074#08_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

<i>SMF074#08_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

<i>SMF074#08_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF074#08_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#08_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#08_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#08_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF074#08_Control**

Field Name	Type	Len	Description
SMF074#08_Control.<fieldname>			
zCLVL	INT	1	(IBM name: R748CLVL) Gatherer level.
zCTYP	CHAR	6	(IBM name: R748CTYP) Control unit type.
zCMDL	CHAR	3	(IBM name: R748CMDL) Control unit model.
zCSER	CHAR	10	(IBM name: R748CSER) Primary control unit serial number.
zCVSN	INT	1	(IBM name: R748CVSN) Version of link statistics definition: X'00' = Original version of link statistics X'01' = Link statistics extended

SMF074#08_Control.zCAE.<fieldname>			
CCSys	BINT	12	Abend code (SDWACMPC) First 12 BITS = System completion code
CCUser	BINT	12	Abend code (SDWACMPC) Second 12 BITS = User completion code.

SMF074#08_Control.<fieldname>			
zCRTN	INT	2	(IBM name: R748CRTN) IDCSS01 return code.
zCSC	INT	1	(IBM name: R748CSC) Status code: 00 SUCCESSFULLY processed. 04 IOS return code. zCIOC = 0. 08 IDCSS01 return code. zCRTN = 0. 98 SYSTEM or USER ABEND. zCAE = 0.
zCIOC	INT	1	(IBM name: R748CIOC) IOS return code. If this field is not zero, no Link Statistic sections are available.
zCFDV	INT	2	(IBM name: R748CFDV) Failing device.
zCVOL	CHAR	6	(IBM name: R748CVOL) Volume serial of the device from which statistics are measured.

zCDEV	INT	2	(IBM name: R748CDEV) Device number of the device from which statistics are measured.
-------	-----	---	---

SMF074#08_Control.zCFLG.<fieldname>

zValid	BIT	1	Extent pool statistics valid
--------	-----	---	------------------------------

SMF074#08_Control.<fieldname>

zCSCS	INT	1	(IBM name: R748CSCS) ID of the subchannel set which is physically configured to the device from which statistics are measured.
zCINT	INT	4	(IBM name: R748CINT) Number of seconds that passed since the link statistics have been collected for the last time.
zCFTM	CHAR	4	(IBM name: R748CFTM) Time when first record was written. Reserved for duration processing.
zCFDT	CHAR	4	(IBM name: R748CFDT) Date when first record was written. Reserved for duration processing.
zCFCI	CHAR	4	(IBM name: R748CFCI) Interval length of first record. Reserved for duration processing.
zCFSC	INT	1	(IBM name: R748CFSC) Subchannel set ID of failing device.

Secondary segment: SMF074#08_Link_Stats

Field Name	Type	Len	Description
SMF074#08_Link_Stats.<fieldname>			
zLAID	INT	2	(IBM name: R748LAID) Adapter ID.
zLTYP	INT	1	(IBM name: R748LTYP) Link Type: 1 ESCON 2 FIBRE Channel 1 GBIT/S 3 FIBRE Channel 2 GBIT/S 4 FIBRE Channel 4 GBIT/S 5 FIBRE Channel 8 GBIT/S 6 FIBRE Channel 16 GBIT/S 10 ETHERNET Channel 10 GBIT/S

SMF074#08_Link_Stats.zFLG.<fieldname>

zBadBytes	BIT	1	Units of bytes indeterminable. Byte values incorrect.
zBadTime	BIT	1	Units of time indeterminable. Time values incorrect.

SMF074#08_Link_Stats.<fieldname>

zLERB	FLOAT	8	(IBM name: R748LERB) ECKD read activity in units of 128KB.
zLEWB	FLOAT	8	(IBM name: R748LEWB) ECKD write activity in units of 128KB.
zLERO	FLOAT	8	(IBM name: R748LERO) Number of ECKD read operations. For ESCON ports, one count is added per chain which transfers customer data (no administration data) to the host. For FICON ports, one count is added per command which transfers customer data to the host.
zLEWO	FLOAT	8	(IBM name: R748LEWO) Number of ECKD write operations. For ESCON ports, one count is added per chain which transfers customer data (no administration data) from the host. For FICON ports, one count is added per command which transfers customer data from the host.
zLERT	FLOAT	8	(IBM name: R748LERT) Accumulated time for ECKD read activity on the channel in milliseconds. The active processing time for each command is accumulated.
zLEWT	FLOAT	8	

			(IBM name: R748LEWT) Accumulated time for ECKD write activity on the channel in milliseconds. The active processing time for each command is accumulated.
zLPSB	FLOAT	8	(IBM name: R748LPSB) PPRC send activity in units of 128KB.
zLPRB	FLOAT	8	(IBM name: R748LPRB) PPRC received activity in units of 128KB.
zLPPO	FLOAT	8	(IBM name: R748LPPO) PPRC send operations. Each PPRC write command sent by the PPRC primary is counted.
zLPRO	FLOAT	8	(IBM name: R748LPRO) PPRC received operations. Each PPRC write command received by the PPRC secondary is counted.
zLPST	FLOAT	8	(IBM name: R748LPST) Accumulated time for PPRC send activity in milliseconds.
zLPRT	FLOAT	8	(IBM name: R748LPRT) Accumulated time for PPRC received activity in milliseconds.
zLSRB	FLOAT	8	(IBM name: R748LSRB) SCSI read activity in units of 128KB.
zLSWB	FLOAT	8	(IBM name: R748LSWB) SCSI write activity in units of 128KB.
zLSRO	FLOAT	8	(IBM name: R748LSRO) SCSI read operations. Each read operation is counted.
zLSWO	FLOAT	8	(IBM name: R748LSWO) SCSI write operations. Each write operation is counted.
zLSRT	FLOAT	8	(IBM name: R748LSRT) Accumulated time for SCSI read operations on the channel in milliseconds.
zLSWT	FLOAT	8	(IBM name: R748LSWT) Accumulated time for SCSI write operations on the channel in milliseconds.
zLFLF	FLOAT	4	(IBM name: R748LFLF) Fibre channel link failures. Number of times the port lost meaningful communication on the link. This can cause I/O failures.
zLFLY	FLOAT	4	(IBM name: R748LFLY) Fibre channel synchronization failures. Number of times the fibre channel signal lost synchronization.
zLFLS	FLOAT	4	(IBM name: R748LFLS) Fibre channel signal failures. Number of times the fibre channel signal was lost.
zLFPQ	FLOAT	4	(IBM name: R748LFPQ) Number of fibre channel primitive sequence errors. Such errors can occur during loss of synchronization, loss of signal, or during a link failure.
zLFIT	FLOAT	4	(IBM name: R748LFIT) Fibre channel invalid transmission word errors. Number of bit errors, which can lead to a loss of synchronization and/or to lost fibre channel traffic.
zLFCR	FLOAT	4	(IBM name: R748LFCR) Fibre channel Cyclic Redundancy Check (CRC) errors. Number of fibre channel frames lost due to CRC errors. This causes an I/O abort or timeout.
zLFR1	FLOAT	4	(IBM name: R748LFR1) Fibre channel link recovery (LR) sent. Number of times the ESS port reset the link due to a timeout on fibre channel buffer-to-buffer credit to send a frame. Such errors can cause timeouts or aborts or queued I/O frames to be lost.
zLFR2	FLOAT	4	(IBM name: R748LFR2) Fibre channel link recovery (LR) received. Number of times the attached port reset the link due to a timeout on fibre channel buffer-to-buffer credit to send a frame. Such errors can cause timeouts or aborts or queued I/O frames to be lost.
zLFIF	FLOAT	4	(IBM name: R748LFIF) Fibre channel illegal frame errors. Number of frames that violated the Fibre channel protocol. The most common cause is a missing frame. Another

			example is an invalid frame header. Illegal frames will cause I/O aborts or timeouts.
zLFOD	FLOAT	4	(IBM name: R748LFOD) Fibre channel out of order data errors. Number of times that an out of order frame is detected. The most common cause is a missing frame. Such errors will cause I/O aborts or timeouts.
zLFOA	FLOAT	4	(IBM name: R748LFOA) Fibre channel out of order ACK errors. Number of ACK frames identified as out of order. The most common cause is a missing frame. Such errors are not expected during I/O, since I/O does not use ACK.
zLFDF	FLOAT	4	(IBM name: R748LFDF) Fibre channel duplicate frame errors. Number of times a duplicate frame was received. Such errors will cause I/O aborts or timeouts.
zLFIO	FLOAT	4	(IBM name: R748LFIO) Fibre channel invalid relative offset failures. Number of frames that were received with an invalid relative offset field in the frame header. Such errors will cause I/O aborts or timeouts.
zLFTC	FLOAT	4	(IBM name: R748LFTC) Fibre channel sequence timeout errors. Number of times the ESS port has detected a timeout on a receiving sequence initiative for a fibre channel exchange.
zLFBC	INT	4	(IBM name: R748LFBC) Fibre channel bit error rate. A non-zero rate means that bit errors have occurred on the link within the last five minutes. This is not an accumulated error rate, but a snapshot of the last five minute interval.

Secondary segment: SMF074#08_Extent_Pool_Stats

Field Name	Type	Len	Description
<i>SMF074#08_Extent_Pool_Stats.<fieldname></i>			
zXPID	INT	2	(IBM name: R748XPID) Extent pool identifier.
zXPLT	INT	1	(IBM name: R748XPLT) Extent type: Value Meaning 0-3 Reserved 4 FIBER 1Gb 5-131 Reserved 132 CKD 1Gb 133-255 Reserved.
<i>SMF074#08_Extent_Pool_Stats.zXPTQ.<fieldname></i>			
zEncryptXP	BIT	1	Data encrypted extent pool
<i>SMF074#08_Extent_Pool_Stats.<fieldname></i>			
zXRCP	INT	4	(IBM name: R748XRCP) Real extent pool capacity in GB.
zXRNS	INT	4	(IBM name: R748XRNS) Number of real extents in extent pool.
zXRNA	INT	4	(IBM name: R748XRNA) Number of allocated real extents in extent pool.
zXRSC	INT	4	(IBM name: R748XRSC) Real extent conversions. Valid if bit 0 0F zCFLG is set.
zXVCP	INT	4	(IBM name: R748XVCP) Virtual extent pool capacity in GB. Valid if bit 0 0F zCFLG is set.
zXVNS	INT	4	(IBM name: R748XVNS) Number of virtual extents in extent pool. Valid if bit 0 0F zCFLG is set.
zXVSC	INT	4	(IBM name: R748XVSC) Virtual extent conversions. Valid if bit 0 0F zCFLG is set.
zXSDY	INT	4	(IBM name: R748XSDY) Number of extents that were sources of dynamic extent relocations. Valid if bit 0 0F zCFLG is set.

zXTDY	INT	4	(IBM name: R748XTDY) Number of extents that were targets of dynamic extent relocations. Valid if bit 0 0F zCFLG is set.
-------	-----	---	--

Secondary segment: **SMF074#08_Rank_Stats**

Field Name	Type	Len	Description
<i>SMF074#08_Rank_Stats.<fieldname></i>			
zRRID	INT	2	(IBM name: R748RRID) Rank identifier.
zRPNM	INT	2	(IBM name: R748RPNM) Extent pool number.
zRCNT	INT	2	(IBM name: R748RCNT) Count of arrays in rank.
zRAIX	INT	2	(IBM name: R748RAIX) Index to first Array section of rank.
zRBYR	FLOAT	8	(IBM name: R748RBYR) Rank 128 KB read.
zRBYW	FLOAT	8	(IBM name: R748RBYW) Rank 128 KB write.
zRROP	FLOAT	8	(IBM name: R748RROP) Rank read operations.
zRWOP	FLOAT	8	(IBM name: R748RWOP) Rank write operations.
zRKRT	FLOAT	8	(IBM name: R748RKRT) Rank read response time in units of 16 MILLISECONDS.
zRKWT	FLOAT	8	(IBM name: R748RKWT) Rank write response time in units of 16 MILLISECONDS.

SMF074#08_Rank_Stats.zRTQ.<fieldname>

zEncryptRank	BIT	1	Data encrypted rank
zRankID	BIT	1	Rank adapter pair ID valid

SMF074#08_Rank_Stats.<fieldname>

zRAI	CHAR	2	(IBM name: R748RAI) Rank adapter pair ID
------	------	---	---

Secondary segment: **SMF074#08_Rank_Array**

Field Name	Type	Len	Description
<i>SMF074#08_Rank_Array.<fieldname></i>			
zAAID	INT	2	(IBM name: R748AAID) Rank array identifier.
zARID	INT	2	(IBM name: R748ARID) Rank identifier.
zAEBC	CHAR	16	(IBM name: R748AEBC) Description of array type, for example: RAID-10.
zATYP	INT	1	(IBM name: R748ATYP) Array type: Value Meaning 1 RAID-5 2 RAID-10 3 RAID-6
zAASP	INT	1	(IBM name: R748AASP) Array speed in 1000 RPM.

zAAWD	INT	2	(IBM name: R748AAWD) Array width.
zAACP	INT	4	(IBM name: R748AACP) Array capacity in GB.

SMF074#08_Rank_Array.zAAST.<fieldname>

zDevC	BINT (ENUM)	2	(IBM name: R748AAST) Device Class
zRAIDdegraded	BIT	1	RAID degraded
zDDMthrott	BIT	1	DDM throttling
zRPMexception	BIT	1	RPM exception
z	BIT	3	/**/ Reserved.

Record Type 74 Subtype 9 - PCI Express Based Function Activity

Primary Segment:

- SMF074#09_RMF_PCI_Express_Func

Secondary Segment(s): 11 (in alphabetical order)

- SMF074#09_Hardware_Accel_Comp
- SMF074#09_Hardware_Accelerator
- SMF074#09_Product
- SMF074#09_PCIE_Func
- SMF074#09_PCIE_Func_Type00
- SMF074#09_PCIE_Func_Type01
- SMF074#09_PCIE_Func_Type02
- SMF074#09_PCIE_Func_Type03
- SMF074#09_PCIE_Func_Type04
- SMF074#09_Sync_IO_Link
- SMF074#09_Sync_IO_Response

Primary segment: SMF074#09_RMF_PCI_Express_Func

Field Name	Type	Len	Description
SMF074#09_RMF_PCI_Express_Func.<fieldname>			
SMF074#09_RMF_PCI_Express_Func.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z9PO	INT	4	(IBM name: SMF749PO) Offset to PCIE Function data section.
z9PL	INT	2	(IBM name: SMF749PL) Length of PCIE Function data section.
z9PN	INT	2	(IBM name: SMF749PN) Number of PCIE Function data sections.
z9DO	INT	4	(IBM name: SMF749DO) Offset to PCIE Function Type data section.

z9DL	INT	2	(IBM name: SMF749DL) Length of PCIE Function Type data section.
z9DN	INT	2	(IBM name: SMF749DN) Number of PCIE Function Type data sections.
z9FO	INT	4	(IBM name: SMF749FO) Offset to Hardware Accelerator data section.
z9FL	INT	2	(IBM name: SMF749FL) Length of Hardware Accelerator data section.
z9FN	INT	2	(IBM name: SMF749FN) Number of Hardware Accelerator data sections.
z91O	INT	4	(IBM name: SMF7491O) Offset to Hardware Accelerator Compression data section.
z91L	INT	2	(IBM name: SMF7491L) Length of Hardware Accelerator Compression data section.
z91N	INT	2	(IBM name: SMF7491N) Number of Hardware Accelerator Compression data sections.
z9SO	INT	4	(IBM name: SMF749SO) Offset to Synchronous I/O Link data section.
z9SL	INT	2	(IBM name: SMF749SL) Length of Synchronous I/O Link data section.
z9SN	INT	2	(IBM name: SMF749SN) Number of Synchronous I/O Link data sections.
z9RO	INT	4	(IBM name: SMF749RO) Offset to Synchronous I/O Response Time Distribution data section.
z9RL	INT	2	(IBM name: SMF749RL) Length of Synchronous I/O Response Time Distribution data section.
z9RN	INT	2	(IBM name: SMF749RN) Number of Synchronous I/O Response Time Distribution data sections. Individual header extension for SubType 10:

Secondary segment: **SMF074#09_Product**

Field Name	Type	Len	Description
<i>SMF074#09_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.
<i>SMF074#09_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III

zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
----------	-----	---	------------------------------------

SMF074#09_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF074#09_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#09_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	

			(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:
--	--	--	---

SMF074#09_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#09_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF074#09_PCIE_Func

Field Name	Type	Len	Description
SMF074#09_PCIE_Func.<fieldname>			
zPFID	INT	4	(IBM name: R749PFID) PCIE Function ID (PFID) for the PCIE function for which performance data is returned.
zPFFL	INT	2	(IBM name: R749PFFL) PFID function status merged over all MINTIME intervals for this reporting interval. Bit Meaning when set 0 PFID was allocated during this interval. 1 PFID was in status De-Allocate-Pending during this interval. 2 PFID was in error during this interval. 3-15 Reserved.
zPFF1	INT	2	(IBM name: R749PFF1) Final PFID function status at the end of this reporting interval. Bit Meaning when set 0 PFID is de-allocated at the end of this interval. 1 PFID is re-allocated at the end of this interval. 2-15 Reserved.
zERRT	INT	4	(IBM name: R749ERRT) Time in milliseconds for which no valid data was reported for the PCIE function within this reporting interval.
zDEVT	INT	4	(IBM name: R749DEVT) Device type for the PCIE function.
zDEVN	CHAR	24	(IBM name: R749DEVN) Device name for the PCIE function.
zJOBN	CHAR	8	(IBM name: R749JOBN) Job name of owner who allocated the PCIE function.

zASID	INT	2	(IBM name: R749ASID) Address space ID of owner who allocated the PCIE function.
zPCID	INT	2	(IBM name: R749PCID) Physical or virtual channel identifier for the PCIE function.
zATST	TSTMP	8	(IBM name: R749ATST) Timestamp in STCK format, showing the last point in time when a PCIE function was allocated.
zALLT	INT	4	(IBM name: R749ALLT) Time in milliseconds for which the PCIE function was allocated or was in status De-Allocate-Pending.
zSCNT	INT	4	(IBM name: R749SCNT) Sequence number for the last time the PCI operations counters or DMA read/write counters have been updated by the firmware.
zLOOP	INT	8	(IBM name: R749LOOP) Count of PCI Load operations for the PCIE function. Only valid, if bit 2 OF zFLAG is not set.
zSTOP	INT	8	(IBM name: R749STOP) Count of PCI Store operations for the PCIE function. Only valid, if bit 2 OF zFLAG is not set.
zSBOP	INT	8	(IBM name: R749SBOP) Count of PCI Store Block operations for the PCIE function. Only valid, if bit 2 OF zFLAG is not set.
zRFOP	INT	8	(IBM name: R749RFOP) Count of PCI Refresh Translation operations for the PCIE function. Only valid, if bit 2 OF zFLAG is not set.
zDMAO	INT	2	(IBM name: R749DMAO) The PCIE Function Type data blocks for all PCIE functions are grouped together in the record. To get to the PCIE Function Type data block associated with this PCIE Function data section, skip over the number of PCIE Function Type data blocks specified by this field, starting at the first PCIE Function Type data block in the record.
zDMAN	INT	2	(IBM name: R749DMAN) Count of PCIE Function Type data blocks allocated for this PCIE function data section.
zFPFO	INT	2	(IBM name: R749FPFO) The data blocks for all hardware accelerators are grouped together in the record. To get to the hardware accelerator data block associated with this PCIE Function data section, skip over the number of hardware accelerator data blocks specified by this field, starting at the first hardware accelerator block in the record.
zFPFN	INT	2	(IBM name: R749FPFN) Count of hardware accelerator data blocks allocated for this PCIE Function data section.
zFP1O	INT	2	(IBM name: R749FP1O) The data blocks for all hardware accelerators used for compression acceleration are grouped together in the record. To get to the hardware accelerator compression data block associated with this PCIE Function data section, skip over the number of hardware accelerator compression data blocks specified by this field, starting at the first hardware accelerator compression data block in the record.
zFP1N	INT	2	(IBM name: R749FP1N) Count of hardware accelerator compression data blocks allocated for this PCIE Function data section.
zFLAG	INT	1	(IBM name: R749FLAG) Validity flag. Bit Meaning when set 0 PHYSICAL-NETWORK identifiers zNET1 and zNET2 are valid. 1 PCIE function type zPFT is valid. 2 PCI operation rates are invalid. 3 GLOBAL Performance Reporting is enabled. 4-7 Reserved.
zPORT	INT	1	(IBM name: R749PORT) Physical port number for which this PCIE function is associated. If zero, then either the port field is not applicable, or there is more than one port associated with the PCIE function.
zPFT	INT	1	(IBM name: R749PFT) PCIE function type.

zNET1	CHAR	16	(IBM name: R749NET1) Physical-network identifier (PNET ID) that identifies the first port of the adapter. This field is only valid when the PCIE device type is defined as RoCE Express or ISM.
zNET2	CHAR	16	(IBM name: R749NET2) Physical-network identifier (PNET ID) that identifies the second port of the adapter. Only valid when the PCIE device type is defined as RoCE Express.
zWWNN	HEX	8	(IBM name: R749WWNN) Worldwide node name (WWNN) of the storage controller the synchronous I/O link is connected to.
zSIOO	INT	2	(IBM name: R749SIOO) The data blocks for all Synchronous I/O links are grouped together in the record. To get the Synchronous I/O link data block associated with this PCIE Function data section, skip over the number of data blocks specified by this field, starting at the first Synchronous I/O link data block in the record.
zSION	INT	2	(IBM name: R749SION) Count of Synchronous I/O link data blocks allocated for this PCIE Function data section.
zRTDO	INT	2	(IBM name: R749RTDO) The data blocks for all Synchronous I/O response time distribution buckets are grouped together in the record. To get the first Synchronous I/O response time distribution data block associated with this PCIE Function data section, skip over the number of data blocks specified by this field, starting at the first Synchronous I/O response time distribution data block in the record.
zRTDN	INT	2	(IBM name: R749RTDN) Count of Synchronous I/O response time distribution data blocks allocated for this PCIE Function data section.
zLKID	INT	2	(IBM name: R749LKID) The identifier of the synchronous I/O link that is configured in the storage controller.

Secondary segment: SMF074#09_PCIE_Func_Type00

Field Name	Type	Len	Description
<i>SMF074#09_PCIE_Func_Type00.<fieldname></i>			
zDMAR	INT	8	(IBM name: R749DMAR) DMA read counter that reports the number of bytes transferred from all defined DMA address spaces to the PCIE function.
zDMAW	INT	8	(IBM name: R749DMAW) DMA write counter that reports the number of bytes transferred from the PCIE function to all defined DMA address spaces.
zDFMT	INT	1	(IBM name: R749DFMT) Format x'00'

Secondary segment: SMF074#09_PCIE_Func_Type01

Field Name	Type	Len	Description
<i>SMF074#09_PCIE_Func_Type01.<fieldname></i>			
zDBYR	INT	8	(IBM name: R749DBYR) Number of bytes received on the external Ethernet interface.
zDBYT	INT	8	(IBM name: R749DBYT) Number of bytes transmitted on the external Ethernet interface.
zDFMT	INT	1	(IBM name: R749DFMT) Format x'01'

zDPKR	INT	8	(IBM name: R749DPKR) Number of packets received on the external Ethernet interface.
zDPKT	INT	8	(IBM name: R749DPKT) Number of packets transmitted on the external Ethernet interface.

Secondary segment: SMF074#09_PCIE_Func_Type02

Field Name	Type	Len	Description
<i>SMF074#09_PCIE_Func_Type02.<fieldname></i>			
zDWUP	INT	8	(IBM name: R749DWUP) Number of work units processed by the PCI function.
zDWUM	INT	8	(IBM name: R749DWUM) Maximum number of work units that the PCI function is capable of processing per second.
zDFMT	INT	1	(IBM name: R749DFMT) Format x'02'

Secondary segment: SMF074#09_PCIE_Func_Type03

Field Name	Type	Len	Description
<i>SMF074#09_PCIE_Func_Type03.<fieldname></i>			
zDBYX	INT	8	(IBM name: R749DBYX) Number of bytes transmitted by the PCI function.
zDFMT	INT	1	(IBM name: R749DFMT) Format x'03'

Secondary segment: SMF074#09_PCIE_Func_Type04

Field Name	Type	Len	Description
<i>SMF074#09_PCIE_Func_Type04.<fieldname></i>			
zSRBF	INT	8	(IBM name: R749SRBF) Number of bytes read by this synchronous I/O function.
zSWBF	INT	8	(IBM name: R749SWBF) Number of bytes written by this synchronous I/O function.
zDFMT	INT	1	(IBM name: R749DFMT) Format x'04'
zSSRF	INT	8	(IBM name: R749SSRF) Number of successful requests for this synchronous I/O function.
zSLRF	INT	8	(IBM name: R749SLRF) Number of times the command was rejected by the processor (local rejects) for this synchronous I/O function.
zSRRF	INT	8	(IBM name: R749SRRF) Number of times the command was rejected by the storage controller (remote rejects) for this synchronous I/O function.
zSTPF	TIME	8	(IBM name: R749STPF) Total processing time in microseconds for this synchronous I/O function.
zSRBC	INT	8	(IBM name: R749SRBC) Number of bytes read by all synchronous I/O functions that are using this synchronous I/O link on this CPC. Only valid, if bit 3 0F zFLAG is set.

zSWBC	INT	8	(IBM name: R749SWBC) Number of bytes written by all synchronous I/O functions that are using this synchronous I/O link on this CPC. Only valid, if bit 3 0F zFLAG is set.
zSSRC	INT	8	(IBM name: R749SSRC) Number of requests successfully processed by all synchronous I/O functions that are using this synchronous I/O link on this CPC. Only valid, if bit 3 0F zFLAG is set.
zSLRC	INT	8	(IBM name: R749SLRC) Number of local rejects of all synchronous I/O functions that are using this synchronous I/O link on this CPC. Only valid, if bit 3 0F zFLAG is set.
zSRRC	INT	8	(IBM name: R749SRRC) Number of remote rejects of all synchronous I/O functions that are using this synchronous I/O link on this CPC. Only valid, if bit 3 0F zFLAG is set.
zSTPC	TIME	8	(IBM name: R749STPC) Total processing time in microseconds of all synchronous I/O functions that are using this synchronous I/O link on this CPC. Only valid, if bit 3 0F zFLAG is set.

Secondary segment: SMF074#09_Hardware_Accelerator

Field Name	Type	Len	Description
<i>SMF074#09_Hardware_Accelerator.<fieldname></i>			
zFTYP	INT	4	(IBM name: R749FTYP) Hardware accelerator application type.
zFDSC	CHAR	32	(IBM name: R749FDSC) Hardware accelerator application description.
zFRQC	INT	4	(IBM name: R749FRQC) Total number of hardware accelerator requests that completed successfully.
zFRQE	INT	4	(IBM name: R749FRQE) Total number of hardware accelerator requests that completed with an error. Statistics for these requests are not included in the other fields of this data section.
zFQFL	INT	4	(IBM name: R749FQFL) Number of times that the adapter queue was full when a new request was submitted.
zFTET	TIME	8	(IBM name: R749FTET) Total execution time of all requests in microseconds.
zFSQE	HEX	16	(IBM name: R749FSQE) Sum of the squares of the individual execution times.
zFTQT	TIME	8	(IBM name: R749FTQT) Total queue time of all requests in microseconds.
zFSQQ	HEX	16	(IBM name: R749FSQQ) Sum of the squares of the individual queue times.
zFDRD	INT	8	(IBM name: R749FDRD) Total DMA reads in units of 256 BYTES.
zFDWR	INT	8	(IBM name: R749FDWR) Total DMA writes in units of 256 BYTES.

Secondary segment: SMF074#09_Hardware_Accel_Comp

Field Name	Type	Len	Description
<i>SMF074#09_Hardware_Accel_Comp.<fieldname></i>			
z1DIB	INT	8	

			(IBM name: R7491DIB) Total number of deflate input bytes.
z1DIS	HEX	16	(IBM name: R7491DIS) Sum of the squares of the individual deflate input bytes.
z1DOB	INT	8	(IBM name: R7491DOB) Total number of deflate output bytes.
z1DOS	HEX	16	(IBM name: R7491DOS) Sum of the squares of the individual deflate output bytes.
z1DCT	INT	4	(IBM name: R7491DCT) Total number of deflate requests.
z1IIB	INT	8	(IBM name: R7491IIB) Total number of inflate input bytes.
z1IIS	HEX	16	(IBM name: R7491IIS) Sum of the squares of the individual inflate input bytes.
z1IOB	INT	8	(IBM name: R7491IOB) Total number of inflate output bytes.
z1IOS	HEX	16	(IBM name: R7491IOS) Sum of the squares of the individual inflate output bytes.
z1ICT	INT	4	(IBM name: R7491ICT) Total number of inflate requests.
z1BPS	INT	4	(IBM name: R7491BPS) Total size of memory in megabytes allocated to the buffer pool.
z1BPC	INT	8	(IBM name: R7491BPC) Accumulated size of memory in megabytes for in-use buffers.

Secondary segment: SMF074#09_Sync_IO_Link

Field Name	Type	Len	Description
SMF074#09_Sync_IO_Link.<fieldname>			
zSND	CHAR	26	(IBM name: R749SND) Self-describing component of the node descriptor of the storage controller the synchronous I/O link is connected to.

Secondary segment: SMF074#09_Sync_IO_Response

Field Name	Type	Len	Description
SMF074#09_Sync_IO_Response.<fieldname>			
zRFLG	INT	1	(IBM name: R749RFLG) Response time distribution bucket flag. Bit Meaning 0 IF set, response time data measured for synchronous I/O read instructions. 1 IF set, response time data measured for synchronous I/O write instructions. 2-7 Reserved.
zRTRV	INT	4	(IBM name: R749RTRV) Response time distribution bucket range value. The range value of the first read and the first write bucket of a Synchronous I/O link represents response times less than the range value. For example, if the read range value is 10, then this bucket represents read response times less than 10 MICROSECONDS. The range value of the remaining buckets represents response times less than this range value and greater than or equal to the prior range value. For example, if the range value is 30 AND the prior range value was 20, this represents responses r in the range: 20 MICROSECONDS <= r < 30 MICROSECONDS
zRTSC	INT	4	(IBM name: R749RTSC) Response time distribution bucket sample count.

Record Type 74 Subtype 10 - Storage Class Memory (SCM) Statistics

Primary Segment:

- SMF074#10_RMF_EADM_Stats

Secondary Segment(s): 3 (in alphabetical order)

- SMF074#10_EADM_Device_Subchannel
- SMF074#10_Product
- SMF074#10_SCM_Config

Primary segment: SMF074#10_RMF_EADM_Stats

Field Name	Type	Len	Description
SMF074#10_RMF_EADM_Stats.<fieldname>			
SMF074#10_RMF_EADM_Stats.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF74FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF74RTY) Record type 74 (X'4A').
zTME	TSTMP	8	(IBM name: SMF74TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF74SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF74SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF74STY) Record SubType.
zTRN	INT	2	(IBM name: SMF74TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF74PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF74PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF74PRN) Number of RMF Product sections. Individual header extension for SubType 1:
z10DO	INT	4	(IBM name: SMF7410DO) Offset to SCM EADM device information section.
z10DL	INT	2	(IBM name: SMF7410DL) Length of SCM EADM device information section.
z10DN	INT	2	(IBM name: SMF7410DN) Number of SCM EADM device information sections.
z10CO	INT	4	(IBM name: SMF7410CO) Offset to SCM configuration measurement sections.
z10CL	INT	2	(IBM name: SMF7410CL) Length of SCM configuration measurement section.
z10CN	INT	2	(IBM name: SMF7410CN) Number of SCM configuration measurement sections.

Secondary segment: **SMF074#10_Product**

Field Name	Type	Len	Description
SMF074#10_Product.<fieldname>			
zMFV	DEC	2 (3,0)	(IBM name: SMF74MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF74PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF74IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF74DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF74INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF74SAM) Number of RMF samples.

SMF074#10_Product.zFLA.<fieldname>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF074#10_Product.<fieldname>			
zCYC	DEC	4 (7,0)	(IBM name: SMF74CYC) Sampling cycle length, in the form 000tttF, where ttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF74MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF74IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF074#10_Product.zPRF.<fieldname>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF074#10_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF74PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF74SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in

			an existing release.
zIET	HEX	8	(IBM name: SMF74IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF74LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF74RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF74RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF74RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF74OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF74SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF74GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF74XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF74SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF074#10_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF74RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF74RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF74RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF74RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF74RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF074#10_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF74RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF74RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF074#10_SCM_Config**

Field Name	Type	Len	Description
<i>SMF074#10_SCM_Config.<fieldname></i>			
zCRID	INT	2	(IBM name: R7410CRID) SCM resource identifier.
zCPID	INT	2	(IBM name: R7410CPID) Part identifier.
zCDUS	INT	4	(IBM name: R7410CDUS) Data unit size in bytes.
zCRQC	INT	4	(IBM name: R7410CRQC) Internal requests processed at CPC level.
zCRQ	INT	4	(IBM name: R7410CRQ) Internal requests processed at LPAR level.
zCDWC	INT	4	(IBM name: R7410CDWC) Data units written at CPC level.
zCDW	INT	4	(IBM name: R7410CDW) Data units written at LPAR level.
zCDRC	INT	4	(IBM name: R7410CDRC) Data units read at CPC level.
zCDR	INT	4	(IBM name: R7410CDR) Data units read at LPAR level.
zCRTC	INT	4	(IBM name: R7410CRTC) Aggregate time spent on execution of requests involving resource part in units of 128 MICROSECONDS at CPC level.
zCRT	INT	4	(IBM name: R7410CRT) Aggregate time spent on execution of requests involving resource part in units of 128 MICROSECONDS at LPAR level.
zCIQC	INT	4	(IBM name: R7410CIQC) Accumulated IOP queue time in units of 128 MICROSECONDS at CPC level.
zCWUC	INT	4	(IBM name: R7410CWUC) Utilization at CPC level. This value designates the sum of the average CPC utilization per second in percent multiplied by the number of seconds of this interval.
zCWU	INT	4	(IBM name: R7410CWU) Utilization at LPAR level. This value designates the sum of the average LPAR utilization per second in percent multiplied by the number of seconds of this interval.
<i>SMF074#10_SCM_Config.zFLG.<fieldname></i>			
zFlash	BIT	1	SCM resource type is Virtual Flash Memory

Secondary segment: **SMF074#10_EADM_Device_Subchannel**

Field Name	Type	Len	Description
<i>SMF074#10_EADM_Device_Subchannel.<fieldname></i>			
zDSCT	INT	4	(IBM name: R7410DSCT) SSCH count across all devices.
zDNUM	INT	4	(IBM name: R7410DNUM) Number of updates to the time accumulation fields.
zDFPT	INT	8	(IBM name: R7410DFPT) Sum of function pending times across all devices in units of 128

			MICROSECONDS. The time lapse between the SSCH being issued and the acceptance of the first command of the channel program at the device.
zDIQT	INT	8	(IBM name: R7410DIQT) Sum of IOP queue times across all devices in units of 128 MICROSECONDS. The amount of time the request is not accepted at the SCM resource because it would exceed its maximum capacity.
zDCRT	INT	8	(IBM name: R7410DCRT) Sum of initial command response times across all devices in units of 128 MICROSECONDS. The time from when the first command does not immediately proceed to execute until the successful start of execution at the SCM resource part.

SMF074#10_EADM_Device_Subchannel.zDFLG.<fieldname>			
zEADMComp	BIT	1	EADM compression facility is available.

SMF074#10_EADM_Device_Subchannel.<fieldname>			
zDOCC	INT	4	(IBM name: R7410DOCC) Number of compression operations.
zDOCD	INT	4	(IBM name: R7410DOCD) Number of decompression operations.
zDISC	INT	8	(IBM name: R7410DISC) Number of 1 MB input blocks consumed for compression.
zDOSC	INT	8	(IBM name: R7410DOSC) Number of 1 MB output blocks consumed for compression.
zDISD	INT	8	(IBM name: R7410DISD) Number of 1 MB input blocks consumed for decompression.
zDOSD	INT	8	(IBM name: R7410DOSD) Number of 1 MB output blocks consumed for decompression.

Record Type 75 - RMF Page Data Set Activity

SMF Record 75 (RMF Page Data Set Activity) is mapped by structure member "T075".

Primary Segment:

- [SMF075_RMF_Page_Dataset](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF075_Page_Dataset](#)
- [SMF075_Product](#)

Primary segment: [SMF075_RMF_Page_Dataset](#)

Field Name	Type	Len	Description
<i>SMF075_RMF_Page_Dataset.<fieldname></i>			
SMF075_RMF_Page_Dataset.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF75FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF75RTY) Record type 75 (X'4B').
zTME	TSTMP	8	(IBM name: SMF75TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF75SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF75SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF75STY) Record SubType=1.
zTRN	INT	2	(IBM name: SMF75TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF75PRS) Offset to RMF Product section from RDW.
zPRL	INT	2	(IBM name: SMF75PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF75PRN) Number of RMF Product sections.
zPSS	INT	4	(IBM name: SMF75PSS) Offset to Page Data Set data section from RDW.
zPSL	INT	2	(IBM name: SMF75PSL) Length of Page Data Set data section.
zPSN	INT	2	(IBM name: SMF75PSN) Number of Page Data Set data sections.

Secondary segment: [SMF075_Product](#)

Field Name	Type	Len	Description
<i>SMF075_Product.<fieldname></i>			

zMFV	DEC	2 (3,0)	(IBM name: SMF75MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF75PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF75IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF75DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF75INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF75SAM) Number of RMF samples.

SMF075_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF075_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF75CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF75MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF75IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF075_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF075_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF75PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF75SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF75IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	

			(IBM name: SMF75LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF75RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF75RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF75RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF75OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF75SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF75GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF75XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF75SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF075_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF75RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF75RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF75RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF75RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF75RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF075_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF75RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF75RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF075_Page_Dataset

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF075_Page_Dataset.<fieldname>			
zDSN	CHAR	44	(IBM name: SMF75DSN) Page data set name. Valid only when bit 4 0F SMF75FL2 is not set.
SMF075_Page_Dataset.zPST.<fieldname>			
zPLPA	BIT	1	PLPA
zCOMMON	BIT	1	COMMON
zLOCAL	BIT	1	LOCAL
zUnusable	BIT	1	Data set unusable
zOnline	BIT	1	Data set brought online during interval
zOffline	BIT	1	Data set taken offline during interval.
SMF075_Page_Dataset.zFL2.<fieldname>			
zVIO	BIT	1	Data set accepts VIO pages
zMultExp	BIT	1	Data set is on a multiple exposure device
zAltCtlUnit	BIT	1	Data set is on a device with an alternate control unit
zValidName	BIT	1	SMF75DEV contains a valid device name
zSCM	BIT	1	Page space type is SCM
SMF075_Page_Dataset.<fieldname>			
zTYP	INT	4	(IBM name: SMF75TYP) Unit type. Valid only when bit 4 0F SMF75FL2 is not set.
zCHA	INT	2	(IBM name: SMF75CHA) Device number in the form hhhh (hex digits). Valid only when bit 4 0F SMF75FL2 is not set.
zVOL	CHAR	6	(IBM name: SMF75VOL) Volume serial number. Valid only when bit 4 0F SMF75FL2 is not set.
zSCS	INT	1	(IBM name: SMF75SCS) Subchannel set ID. Valid only when bit 4 0F SMF75FL2 is not set.
zSLA	INT	4	(IBM name: SMF75SLA) Total number of slots contained within the page data set.
zMXU	INT	4	(IBM name: SMF75MXU) Maximum number of slots used.
zMNU	INT	4	(IBM name: SMF75MNU) Minimum number of slots used.
zAVU	INT	4	(IBM name: SMF75AVU) Average number of slots used.
zBDS	INT	4	(IBM name: SMF75BDS) Number of unusable slots.
zUSE	INT	4	(IBM name: SMF75USE) Number of samples indicating data set was being used by ASM.
zREQ	INT	4	(IBM name: SMF75REQ) The value is the same as SMF75USE.
zSIO	INT	4	(IBM name: SMF75SIO) Number of I/O requests for the data set.
zPGX	INT	4	(IBM name: SMF75PGX) Number of pages transferred to or from page data set.
zDEV	CHAR	8	(IBM name: SMF75DEV) Device name (blank if device name cannot be determined). Valid only when bit 4 0F SMF75FL2 is not set.
zCU	CHAR	8	(IBM name: SMF75CU) Control unit name (blank if control unit name cannot be determined). Valid only when bit 4 0F SMF75FL2 is not set.

Record Type 76 - RMF Trace Activity

SMF Record 76 (RMF Trace Activity) is mapped by structure member "T076".

Primary Segment:

- SMF076_RMF_Trace

Secondary Segment(s): 4 (in alphabetical order)

- SMF076_Product
- SMF076_Trace_Control
- SMF076_Trace_Data
- SMF076_Variable_Trace_Data

Primary segment: SMF076_RMF_Trace

Field Name	Type	Len	Description
<i>SMF076_RMF_Trace.<fieldname></i>			
SMF076_RMF_Trace.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF76FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF76RTY) Record type 75 (X'4B').
zTME	TSTMP	8	(IBM name: SMF76TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF76SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF76SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF76STY) Record SubType=1.
zTRN	INT	2	(IBM name: SMF76TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record. The offset is the offset from the RDW.
zPRS	INT	4	(IBM name: SMF76PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF76PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF76PRN) Number of RMF Product sections.
zTCS	INT	4	(IBM name: SMF76TCS) Offset to Trace Control section from start of record, including record descriptor word (RDW).
zTCL	INT	2	(IBM name: SMF76TCL) Length of Trace Control section.
zTCN	INT	2	(IBM name: SMF76TCN) Number of Trace Control sections.
zTDS	INT	4	(IBM name: SMF76TDS) Offset to Trace data section from start of record, including record descriptor word (RDW).
zTDL	INT	2	(IBM name: SMF76TDL) Length of Trace data section.

zTDN	INT	2	(IBM name: SMF76TDN) Number of Trace data sections.
zVFS	INT	4	(IBM name: SMF76VFS) Offset to variable format set from start of record, including record descriptor word (RDW).
zVFL	INT	2	(IBM name: SMF76VFL) Length of variable format set.
zVFN	INT	4	(IBM name: SMF76VFN) Number of variable format sets.

Secondary segment: SMF076_Product

Field Name	Type	Len	Description
<i>SMF076_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF76MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF76PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF76IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF76DAT) Date when the RMF measurement interval started, in the form 0cydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF76INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF76SAM) Number of RMF samples.

SMF076_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF076_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF76CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF76MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF76IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF076_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode

zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF076_Product.<fieldname>			
zPTN	INT	1	(IBM name: SMF76PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF76SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF76IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF76LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF76RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF76RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF76RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF76OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF76SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF76GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF76XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF76SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF076_Product.Reassembly_Area.<fieldname>			
zRBR	INT	2	(IBM name: SMF76RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF76RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF76RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF76RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF76RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF076_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	

			(IBM name: SMF76RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF76RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF076_Trace_Control

Field Name	Type	Len	Description
<i>SMF076_Trace_Control.<fieldname></i>			
zNUM	INT	2	(IBM name: SMF76NUM) Number of sample sets (lines of data) in the trace.

Secondary segment: SMF076_Trace_Data

Field Name	Type	Len	Description
<i>SMF076_Trace_Data.<fieldname></i>			
zNAM	CHAR	8	(IBM name: SMF76NAM) Field name.

<i>SMF076_Trace_Data.zOPT.<fieldname></i>			
zMin	BIT	1	Minimum value of the field is contained in the SMF record
zMax	BIT	1	Maximum value of the field is contained in the SMF record
zSum	BIT	1	The sum of the values required to calculate the average of the field is contained in the SMF record
zSqured	BIT	1	The sum of the squared values required to calculate the standard deviation of the field is contained in the SMF record
zEnd	BIT	1	End value of the field is contained in the SMF record
zAll	BIT	1	All options selected
zTerm	BIT	1	Domain tracing terminated
zDomain	BIT	1	This entry is a domain field.

<i>SMF076_Trace_Data.zOP1.<fieldname></i>			
zLPBreq	BIT	1	LPB trace requested
zLPBend	BIT	1	LPB trace request ended
zValid	BIT	1	Traced data in record is valid

<i>SMF076_Trace_Data.<fieldname></i>			
zSLN	INT	1	(IBM name: SMF76SLN) Length of a set.
zDLN	INT	1	(IBM name: SMF76DLN) Length of a field sampled.
zSSS	INT	2	

			(IBM name: SMF76SSS) Standard samples per set used.
zSSL	INT	2	(IBM name: SMF76SSL) Samples per set.
zMIN	INT	4	(IBM name: SMF76MIN) Minimum value during interval.
zMAX	INT	4	(IBM name: SMF76MAX) Maximum value during interval.
zAVG	INT	8	(IBM name: SMF76AVG) Accumulated value used to compute the average.
zSTD	HEX	12	(IBM name: SMF76STD) Sum of squares (used to compute standard deviation).
zENV	INT	4	(IBM name: SMF76ENV) End value of field.

Secondary segment: SMF076_Variable_Trace_Data

Field Name	Type	Len	Description
<i>SMF076_Variable_Trace_Data.<fieldname></i>			
zCorD	INT	4	(IBM name: N/A) Trace values collected for each set, stored in an array of either fullwords or halfwords, depending on the length of the field being sampled (SMF76C if fullwords. SMF76D if halfwords). There will be one group of values for each sample set (line of data) in the trace.

Record Type 77 - RMF Enqueue Activity

SMF Record 77 (RMF Enqueue Activity) is mapped by structure member "T077".

Primary Segment:

- [SMF077_RMF_Enqueue](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF077_Enqueue_Control_Section](#)
- [SMF077_Enqueue_Data_Section](#)
- [SMF077_RMF_Product_Section](#)

Primary segment: [SMF077_RMF_Enqueue](#)

Field Name	Type	Len	Description
<i>SMF077_RMF_Enqueue.<fieldname></i>			
<i>SMF077_RMF_Enqueue.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF77FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF77RTY) Record type 77 (X'4D').
zTME	TSTMP	8	(IBM name: SMF77TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF77SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF77SSI) Subsystem identification ("RMF").
zSTY	INT	2	(IBM name: SMF77STY) Record SubType=1.
zTRN	INT	2	(IBM name: SMF77TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF77PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF77PRL) Length of RMF Product section from start of record, including record descriptor word (RDW).
zPRN	INT	2	(IBM name: SMF77PRN) Number of RMF Product sections.
zEQS	INT	4	(IBM name: SMF77EQS) Offset to Enqueue Control section from start of record, including record descriptor word (RDW).
zEQL	INT	2	(IBM name: SMF77EQL) Length of Enqueue Control section.
zEQN	INT	2	(IBM name: SMF77EQN) Number of Enqueue Control sections.
zEDS	INT	4	(IBM name: SMF77EDS) Offset to Enqueue data section from start of record, including record descriptor word (RDW).
zEDL	INT	2	(IBM name: SMF77EDL) Length of Enqueue data section.
zEDN	INT	2	

			(IBM name: SMF77EDN) Number of Enqueue data sections.
--	--	--	--

Secondary segment: SMF077_RMF_Product_Section

Field Name	Type	Len	Description
<i>SMF077_RMF_Product_Section.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF77MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF77PRD) Product name ('RMF').
zIST	TSTMP	8	(IBM name: SMF77IST) Date/Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zINT	DEC	4 (7,0)	(IBM name: SMF77INT) Duration of RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF77SAM) Number of RMF samples.

<i>SMF077_RMF_Product_Section.zFLA.<fieldname></i>			
zSampSkp	BIT	1	Samples have been skipped
zRMFMtr3	BIT	1	Record was written by RMF Monitor III
zIntvlSync	BIT	1	Interval was synchronized with SMF

<i>SMF077_RMF_Product_Section.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF77CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF77MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF77IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

<i>SMF077_RMF_Product_Section.zPRF.<fieldname></i>			
zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESDir	BIT	1	There is an ES connection director in the configuration
zzArch	BIT	1	System is running in z/Architecture mode
zzAAP	BIT	1	At least one zAAP is currently installed
zzIIP	BIT	1	At least one zIIP is currently installed
zDAT1	BIT	1	Enhanced DAT facility 1 available
zDAT2	BIT	1	Enhanced DAT facility 2 available

<i>SMF077_RMF_Product_Section.<fieldname></i>			
zPTN	INT	1	(IBM name: SMF77PTN) PR/SM partition number of the partition that wrote this record.

zSRL	INT	1	(IBM name: SMF77SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF77IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF77LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF77RAO) Offset to reassembly area relative to start of RMF Product section.
zRAL	INT	2	(IBM name: SMF77RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF77RAN) Reassembly area indicator. Value Meaning 0 Record is not broken 1 Record is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF77RAO) and length (SMF77RAL) are only valid if SMF77RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF77OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF77SYN) SYNC value in seconds.
zGIE	TSTMP	8	(IBM name: SMF77GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF77XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF77SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF077_RMF_Product_Section.SMF077_RMF_Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF77RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF77RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 to SMF77RBR.
zRIO	INT	4	(IBM name: SMF77RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF77RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF77RIN) Number of reassembly information blocks (same value as SMF77TRN in header section).

SMF077_RMF_Product_Section.SMF077_RMF_Reassembly_Area.SMF077_RMF_Reassembly_Area_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF77RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF77RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 to SMF77RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the

			split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.
--	--	--	--

Secondary segment: SMF077_Enqueue_Control_Section

Field Name	Type	Len	Description
<i>SMF077_Enqueue_Control_Section.<fieldname></i>			
<i>SMF077_Enqueue_Control_Section.zFG1.<fieldname></i>			
zEnqFull	BIT	1	Enqueue summary table full
zNoContention	BIT	1	Specified resource had no contention
zBadClock	BIT	1	Enqueue had bad CPU clock
zAbend	BIT	1	Enqueue event processing abend
zDetail	BIT	1	ON - detail data requested OFF - summary data requested
zGRS#NONE	BIT	1	ON - GRS=NONE (local sysplex)
zGRS#RING	BIT	1	OFF - GRS=RING, if bit zGRS#NONE = '0'
zAreValid	BIT	1	ON - bits zGRS#NONE and zGRS#RING are valid
<i>SMF077_Enqueue_Control_Section.zRF2.<fieldname></i>			
zGRSProb	BIT	1	GRS system problems
zRMF#GRSProb	BIT	1	RMF/GRS interface problems

Secondary segment: SMF077_Enqueue_Data_Section

Field Name	Type	Len	Description
<i>SMF077_Enqueue_Data_Section.<fieldname></i>			
zQNM	CHAR	8	(IBM name: SMF77QNM) Major name of resource.
zRNM	CHAR	44	(IBM name: SMF77RNM) Minor name of resource.
zWTM	TIME	4	(IBM name: SMF77WTM) Minimum resource contention time during the measurement interval, in 1024-microsecond units. After an internal RMF restart (for example, due to a change of gatherer options) the contention time can be larger than the measurement interval.
zWTX	TIME	4	(IBM name: SMF77WTX) Maximum resource contention time during the measurement interval, in 1024-microsecond units. After an internal RMF restart (for example, due to a change of gatherer options) the contention time can be larger than the measurement interval.
zWTT	TIME	4	(IBM name: SMF77WTT) Total resource contention time during the measurement interval, in 1024-microsecond units. After an internal RMF restart (for example, due to a change of gatherer options) the contention time can be larger than the measurement interval.
zQL1	INT	2	(IBM name: SMF77QL1) Counter for queue length of 1.
zQL2	INT	2	(IBM name: SMF77QL2) Counter for queue length of 2.
zQL3	INT	2	(IBM name: SMF77QL3) Counter for queue length of 3.

zQL4	INT	2	(IBM name: SMF77QL4) Counter for queue length of 4 or more.
zEXM	INT	2	(IBM name: SMF77EXM) Minimum number of exclusive requests waiting.
zEXX	INT	2	(IBM name: SMF77EXX) Maximum number of exclusive requests waiting.
zSHM	INT	2	(IBM name: SMF77SHM) Minimum number of share requests waiting.
zSHX	INT	2	(IBM name: SMF77SHX) Maximum number of share requests waiting.
zEVT	INT	2	(IBM name: SMF77EVT) Total number of contention events that occurred during the measurement interval. A contention event is the period starting from the time when the resource has contention until the resource no longer has contention.
zRLN	INT	1	(IBM name: SMF77RLN) Minor name length.

SMF077_Enqueue_Data_Section.zDFG.<fieldname>

zContention	BIT	1	Resource still in contention
zMultSystems	BIT	1	ON - scope of systems Off - scope of system
zExcl	BIT	1	ON - owner has exclusive control of the resource Off - owner shares the resource
zJob1Excl	BIT	1	ON - first job is waiting for exclusive use Off - first job is waiting for shared use
zJob2Excl	BIT	1	ON - second job is waiting for exclusive use Off - second job is waiting for shared use
zGlobal	BIT	1	Resource is global

SMF077_Enqueue_Data_Section.<fieldname>

zDOW	INT	2	(IBM name: SMF77DOW) Number of owners using the resource at maximum contention.
zDWR	INT	2	(IBM name: SMF77DWR) Number of jobs waiting for the resource at maximum contention.
zDO1	CHAR	8	(IBM name: SMF77DO1) Job name 1 of resource owner during period of maximum contention.
zDO2	CHAR	8	(IBM name: SMF77DO2) Job name 2 of resource owner during period of maximum contention.
zDW1	CHAR	8	(IBM name: SMF77DW1) Job name 1 WAITING for the resource owner during period of maximum contention.
zDW2	CHAR	8	(IBM name: SMF77DW2) Job name 2 WAITING for the resource owner during period of maximum contention.
zSY1	CHAR	8	(IBM name: SMF77SY1) System identifier of job name 1 (Resource owner at maximum contention).
zSY2	CHAR	8	(IBM name: SMF77SY2) System identifier of job name 2 (Resource owner at maximum contention).
zSY3	CHAR	8	(IBM name: SMF77SY3) System identifier of job name 1 (WAITING for the resource at maximum contention).
zSY4	CHAR	8	(IBM name: SMF77SY4) System identifier of job name 2 (WAITING for the resource at maximum contention).
zAQL	INT	4	(IBM name: SMF77AQL) Total number of waiting requests during the measurement interval.
zCSC	INT	4	(IBM name: SMF77CSC) Total number of contention status change events that occurred during the

			measurement interval.
zNOD	INT	4	(IBM name: SMF77NOD) Total number of contention status change events accumulated during the measurement interval which did not provide separate contention detail data.

Record Type 78 - RMF Virtual Storage and I/O Queuing Activity

SMF Record 78 (RMF Virtual Storage and I/O Queuing Activity) has a number of subtypes, each mapped by a structure member name of the format "T078STnn".

Record Type 78 Subtype 2 - Virtual Storage Activity

Primary Segment:

- [SMF078#02_RMF_Virtual_Storage](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF078#02_Product](#)
- [SMF078#02_VStor_Common_Storage](#)
- [SMF078#02_VStor_Private_Area](#)
- [SMF078#02_VStor_Private_Area_Subpool](#)

Primary segment: [SMF078#02_RMF_Virtual_Storage](#)

Field Name	Type	Len	Description
SMF078#02_RMF_Virtual_Storage.<fieldname>			
SMF078#02_RMF_Virtual_Storage.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF78FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF78RTY) Record type 78 (X'4E').
zTME	TSTMP	8	(IBM name: SMF78TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF78SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF78SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF78STY) SubType.
zTRN	INT	2	(IBM name: SMF78TRN) Number of triplets in record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF78PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF78PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF78PRN) Number of RMF Product sections. Individual header extension for SubType 2:
zDCS	INT	4	(IBM name: SMF78DCS) Offset to Virtual Storage Common Storage data section.
zDCL	INT	2	(IBM name: SMF78DCL) Length of Virtual Storage Common Storage data section.
zDCN	INT	2	(IBM name: SMF78DCN) Number of Virtual Storage Common Storage data sections.

zASS	INT	4	(IBM name: SMF78ASS) Offset to Virtual Storage Private Area data section.
zASL	INT	2	(IBM name: SMF78ASL) Length of Virtual Storage Private Area data section.
zASN	INT	2	(IBM name: SMF78ASN) Number of Virtual Storage Private Area data sections.
zSPS	INT	4	(IBM name: SMF78SPS) Offset to Private Area Subpool section.
zSPL	INT	2	(IBM name: SMF78SPL) Length of Private Area Subpool section.
zSPN	INT	2	(IBM name: SMF78SPN) Number of Private Area Subpool sections. Individual header extension for SubType 3:

Secondary segment: **SMF078#02_Product**

Field Name	Type	Len	Description
<i>SMF078#02_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF78MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF78PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF78IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF78DAT) Date when the RMF measurement interval started, in the form 0cydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF78INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF78SAM) Number of RMF samples.

SMF078#02_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

SMF078#02_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF78CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF78MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF78IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF078#02_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
---------	-----	---	---------------------------------

zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF078#02_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF78PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF78SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF78IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF78LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF78RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF78RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF78RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF78OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF78SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF78GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF78XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF78SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF078#02_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF78RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF78RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF78RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF78RIL) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF78RIN) Number of reassembly information blocks (same value as SMF70TRN in

			header section).
SMF078#02_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF78RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF78RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF078#02_VStor_Common_Storage**

Field Name	Type	Len	Description
SMF078#02_VStor_Common_Storage.<fieldname>			
zPA	INT	4	(IBM name: R782PA) Private area address below 16 MEGABYTES.
zPS	INT	4	(IBM name: R782PS) Private area size (in bytes) below 16 MEGABYTES.
zEPA	INT	4	(IBM name: R782EPA) Private area address above 16 MEGABYTES.
zEPS	INT	4	(IBM name: R782EPS) Private area size (in bytes) above 16 MEGABYTES.
zCA	INT	4	(IBM name: R782CA) CSA address below 16 MEGABYTES.
zCS	INT	4	(IBM name: R782CS) CSA size (in bytes) below 16 MEGABYTES.
zECA	INT	4	(IBM name: R782ECA) CSA address above 16 MEGABYTES.
zECS	INT	4	(IBM name: R782ECS) CSA size (in bytes) above 16 MEGABYTES.

SMF078#02_VStor_Common_Storage.zFLG.<fieldname>			
zRUCSA	BIT	1	Restricted use common service area (RUCSA) is defined.

SMF078#02_VStor_Common_Storage.<fieldname>			
zMLA	INT	4	(IBM name: R782MLA) Modified link pack area (MLPA) address below 16 MEGABYTES.
zMLS	INT	4	(IBM name: R782MLS) Modified link pack area (MLPA) size (in bytes) below 16 MEGABYTES.
zEMLA	INT	4	(IBM name: R782EMLA) Modified link pack area (MLPA) address above 16 MEGABYTES.
zEMLS	INT	4	(IBM name: R782EMLS) Modified link pack area (MLPA) size (in bytes) above 16 MEGABYTES.
zFLA	INT	4	(IBM name: SMF78FLA) Fixed link pack area (FLPA) address below 16 MEGABYTES.
zFLS	INT	4	(IBM name: R782FLS) Fixed link pack area (FLPA) size (in bytes) below 16 MEGABYTES.
zEFLA	INT	4	(IBM name: R782EFLA) Fixed link pack area (FLPA) address above 16 MEGABYTES.

zEFLS	INT	4	(IBM name: R782EFLS) Fixed link pack area (FLPA) size (in bytes) above 16 MEGABYTES.
zPLA	INT	4	(IBM name: R782PLA) Pageable link pack area (PLPA) address below 16 MEGABYTES.
zPLS	INT	4	(IBM name: R782PLS) Pageable link pack area (PLPA) size (in bytes) below 16 MEGABYTES.
zELPA	INT	4	(IBM name: R782ELPA) Pageable link pack area (PLPA) address above 16 MEGABYTES.
zELPS	INT	4	(IBM name: R782ELPS) Pageable link pack area (PLPA) size (in bytes) above 16 MEGABYTES.
zSA	INT	4	(IBM name: R782SA) System queue area (SQA) address below 16 MEGABYTES.
zSS	INT	4	(IBM name: R782SS) System queue area (SQA) size (in bytes) below 16 MEGABYTES.
zESA	INT	4	(IBM name: R782ESA) System queue area (SQA) address above 16 MEGABYTES.
zESS	INT	4	(IBM name: R782ESS) System queue area (SQA) size (in bytes) above 16 MEGABYTES.
zNA	INT	4	(IBM name: R782NA) Nucleus address below 16 MEGABYTES.
zNS	INT	4	(IBM name: R782NS) Nucleus size (in bytes) below 16 MEGABYTES.
zENA	INT	4	(IBM name: R782ENA) Nucleus address above 16 MEGABYTES.
zENS	INT	4	(IBM name: R782ENS) Nucleus size (in bytes) above 16 MEGABYTES.
zNL	INT	4	(IBM name: R782NL) Pageable link pack area (PLPA) space redundant with MLPA/FLPA below 16 MEGABYTES.
zENL	INT	4	(IBM name: R782ENL) Pageable link pack area (PLPA) space redundant with MLPA/FLPA above 16 MEGABYTES.
zLPAI	INT	4	(IBM name: R782LPAI) Intermodule space in Pageable link pack area (PLPA) below 16 MEGABYTES.
zELPI	INT	4	(IBM name: R782ELPI) Intermodule space in Pageable link pack area (PLPA) above 16 MEGABYTES.
zMR	INT	4	(IBM name: R782MR) Maximum possible user region below 16 MEGABYTES.
zEMR	INT	4	(IBM name: R782EMR) Maximum possible user region above 16 MEGABYTES.

SMF078#02_VStor_Common_Storage.zSQUA.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zCSAU.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zCSAK.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.

zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zCSAF.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zCSLF.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.

zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zCSAL.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zSQAF.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.

zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zSQLF.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.zSQL.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.

zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).
--------	-------	---	--

SMF078#02_VStor_Common_Storage.zSQEX.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Common_Storage.z227K.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

SMF078#02_VStor_Common_Storage.z228K.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.

zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
--------	-------	---	---

SMF078#02_VStor_Common_Storage.z231K.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

SMF078#02_VStor_Common_Storage.z241K.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

SMF078#02_VStor_Common_Storage.z226.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

SMF078#02_VStor_Common_Storage.z239.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.

			clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

SMF078#02_VStor_Common_Storage.z245.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.

SMF078#02_VStor_Common_Storage.<fieldname>

zRUCA	INT	4	(IBM name: R782RUCA) RUCSA address below 16 megabytes.
zRUCS	INT	4	(IBM name: R782RUCS) RUCSA size (in bytes) below 16 megabytes. Zero when RUCSA is not defined.
zERUCA	INT	4	(IBM name: R782ERUCA) RUCSA address above 16 megabytes. Equal to R782EPA when extended RUCSA (ERUCSA) is not defined.
zERUCS	INT	4	(IBM name: R782ERUCS) RUCSA size (in bytes) above 16 megabytes. Zero when ERUCSA is not defined.

Secondary segment: SMF078#02_VStor_Private_Area

Field Name	Type	Len	Description
SMF078#02_VStor_Private_Area.<fieldname>			
zJOBN	CHAR	8	(IBM name: R782JOBN) Name of job being monitored.
zRDTM	INT	4	(IBM name: R782RDTM) Reader start time.
zRDDT	DEC	4 (7,0)	(IBM name: R782RDDT) Reader start date.
zSUBI	INT	2	(IBM name: R782SUBI) Index of first subpool entry in the Private Area Subpool section for this job. This field provides the first array element for this job's Private Area Subpool sections.
zSUBN	INT	2	

			(IBM name: R782SUBN) Index of last subpool entry for this job. This field provides the last array element for this job's private area subpools.
zSTEP	CHAR	8	(IBM name: R782STEP) Name of step active when monitoring began.
zPGMN	CHAR	8	(IBM name: R782PGMN) Program name (taken from PGM= parameter on EXEC card) of job being monitored.

SMF078#02_VStor_Private_Area.zFLGS.<fieldname>

zActive	BIT	1	Job active at start of interval
zTerm	BIT	1	Job terminated during interval
zGETMAIN	BIT	1	GETMAIN limit changed during interval
zAbend	BIT	1	Data incorrect because RMF terminated abnormally while sampling

SMF078#02_VStor_Private_Area.<fieldname>

zSAMP	INT	4	(IBM name: R782SAMP) Number of samples. This field is used to calculate the averages in the private area data and Private Area Subpool sections.
zREGR	INT	4	(IBM name: R782REGR) Region requested by JCL (in bytes).
zRGAB	INT	4	(IBM name: R782RGAB) Region below 16 MEGABYTES assigned by exits (in bytes).
zRGAA	INT	4	(IBM name: R782RGAA) Region above 16 MEGABYTES assigned by exits (in bytes).
zGMLB	INT	4	(IBM name: R782GMLB) GETMAIN limit below 16 MEGABYTES (in bytes).
zGMLA	INT	4	(IBM name: R782GMLA) GETMAIN limit above 16 MEGABYTES (in bytes).
zURAB	INT	4	(IBM name: R782URAB) User region address below 16 MEGABYTES.
zURAA	INT	4	(IBM name: R782URAA) User region address above 16 MEGABYTES.

SMF078#02_VStor_Private_Area.zLSFP.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.

zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zLSFB.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zLSAL.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.

zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).
--------	-------	---	--

SMF078#02_VStor_Private_Area.zLSPA.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zUSFP.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zUSFB.<fieldname>			
zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zUSAL.<fieldname>			
zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zUSPA.<fieldname>

zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

SMF078#02_VStor_Private_Area.zTOBY.<fieldname>

zGMIN	FLOAT	8	(IBM name: N/A) Minimum number of bytes allocated above 2GB.
zGNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zGMAX	FLOAT	8	(IBM name: N/A) Maximum number of bytes allocated above 2GB.
zGXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zGTOTL	FLOAT	8	(IBM name: N/A) Total for all samples above 2GB (used to calculate the average).
zGHWM	FLOAT	8	(IBM name: N/A) Peak number of bytes allocated in storage above 2GB.

SMF078#02_VStor_Private_Area.zSHBY.<fieldname>

zGMIN	FLOAT	8	(IBM name: N/A) Minimum number of bytes allocated above 2GB.
zGNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zGMAX	FLOAT	8	(IBM name: N/A) Maximum number of bytes allocated above 2GB.
zGXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zGTOTL	FLOAT	8	(IBM name: N/A) Total for all samples above 2GB (used to calculate the average).
zGHWM	FLOAT	8	(IBM name: N/A) Peak number of bytes allocated in storage above 2GB.

SMF078#02_VStor_Private_Area.zCOBY.<fieldname>

zGMIN	FLOAT	8	
-------	-------	---	--

			(IBM name: N/A) Minimum number of bytes allocated above 2GB.
zGNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zGMAX	FLOAT	8	(IBM name: N/A) Maximum number of bytes allocated above 2GB.
zGXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zGTOTL	FLOAT	8	(IBM name: N/A) Total for all samples above 2GB (used to calculate the average).
zGHWM	FLOAT	8	(IBM name: N/A) Peak number of bytes allocated in storage above 2GB.

SMF078#02_VStor_Private_Area.zTOMO.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zSHMO.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zCOMO.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zLGMO.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames

zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zTOFR.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.<fieldname>

zMEML	INT	8	(IBM name: R782MEML) Address space memory limit in MB.
-------	-----	---	---

SMF078#02_VStor_Private_Area.zFIFR.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zPAFR.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zLSMO.<fieldname>

zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zGFMO.<fieldname>			
zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

SMF078#02_VStor_Private_Area.zGFFR.<fieldname>			
zCMIN	FLOAT	8	(IBM name: N/A) Minimum number high virtual memory objects / frames
zCNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum value.
zCMAX	FLOAT	8	(IBM name: N/A) Maximum number of high virtual memory objects / frames
zCXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum value.
zCTOTL	FLOAT	8	(IBM name: N/A) Total for all samples (used to calculate the average).

Secondary segment: SMF078#02_VStor_Private_Area_Subpool

Field Name	Type	Len	Description
SMF078#02_VStor_Private_Area_Subpool.<fieldname>			
zSPN	INT	2	(IBM name: SMF78SPN) Subpool number. Each Private Area data section occurs one after the other. All Private Area Subpool sections follow all Private Area data sections. To relate a subpool to a job, see the zSUBN fields in the Private Area data section.

SMF078#02_VStor_Private_Area_Subpool.zSPD.<fieldname>			
zBMIN	INT	4	(IBM name: N/A) Minimum value for below 16 MEGABYTES.
zBNTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.
zBMAX	INT	4	(IBM name: N/A) Maximum value for below 16 MEGABYTES.
zBXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zBTOTL	FLOAT	4	(IBM name: N/A) Total for all samples below 16 MEGABYTES (used to calculate average). See SMF78SAM to calculate averages for Common Storage data section fields, and zSAMP to calculate averages for private area data and Private Subpool section fields.
zAMIN	INT	4	(IBM name: N/A) Minimum value for above 16 MEGABYTES.
zANTME	TSTMP	4	(IBM name: N/A) Time stamp for minimum. Format is high-order bytes of time-of-day (TOD) clock.

zAMAX	INT	4	(IBM name: N/A) Maximum value for above 16 MEGABYTES.
zAXTME	TSTMP	4	(IBM name: N/A) Time stamp for maximum. Format is high-order bytes of time-of-day (TOD) clock.
zATOTL	FLOAT	4	(IBM name: N/A) Total for all samples above 16 MEGABYTES (used to calculate average).

Record Type 78 Subtype 3 - I/O Queuing Activity

Primary Segment:

- SMF078#03_RMF_IO_Queueing

Secondary Segment(s): 7 (in alphabetical order)

- SMF078#03_HyperPAV_SuperPAV
- SMF078#03_IOP_Initiative_Queue
- SMF078#03_IOQ_Config_Data
- SMF078#03_IOQ_Control
- SMF078#03_IOQ_Data
- SMF078#03_IOQ_Global
- SMF078#03_Product

Primary segment: SMF078#03_RMF_IO_Queueing

Field Name	Type	Len	Description
SMF078#03_RMF_IO_Queueing.<fieldname>			
SMF078#03_RMF_IO_Queueing.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF78FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF78RTY) Record type 78 (X'4E').
zTME	TSTMP	8	(IBM name: SMF78TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF78SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF78SSI) Subsystem identification ('RMF').
zSTY	INT	2	(IBM name: SMF78STY) SubType.
zTRN	INT	2	(IBM name: SMF78TRN) Number of triplets in record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF78PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF78PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF78PRN) Number of RMF Product sections. Individual header extension for SubType 2:
zDCS	INT	4	(IBM name: SMF78DCS) Offset to Queuing control section.
zDCL	INT	2	(IBM name: SMF78DCL) Length of Queuing control section.
zDCN	INT	2	(IBM name: SMF78DCN) Number of Queuing control sections.
zASS	INT	4	(IBM name: SMF78ASS) Offset to Queuing data section.
zASL	INT	2	(IBM name: SMF78ASL) Length of Queuing data section.
zASN	INT	2	

			(IBM name: SMF78ASN) Number of Queueing data sections.
zQDS	INT	4	(IBM name: SMF78QDS) Offset to I/O Queue (IOQ) global section.
zQDL	INT	2	(IBM name: SMF78QDL) Length of IOQ global section.
zQDN	INT	2	(IBM name: SMF78QDN) Number of IOQ global sections.
zHPS	INT	4	(IBM name: SMF78HPS) Offset to HyperPAV/SuperPAV data section.
zHPL	INT	2	(IBM name: SMF78HPL) Length of HyperPAV/SuperPAV data section.
zHPN	INT	2	(IBM name: SMF78HPN) Number of HyperPAV/SuperPAV data sections.

Secondary segment: **SMF078#03_Product**

Field Name	Type	Len	Description
<i>SMF078#03_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF78MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF78PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF78IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF78DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF78INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF78SAM) Number of RMF samples.

<i>SMF078#03_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF

<i>SMF078#03_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF78CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF78MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF78IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

<i>SMF078#03_Product.zPRF.<fieldname></i>			
---	--	--	--

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF078#03_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF78PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF78SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF78IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF78LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF78RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF78RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF78RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF78OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF78SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF78GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF78XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF78SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF078#03_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF78RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF78RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF78RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: SMF78RIL) Length of reassembly information block.

zRIN	INT	2	(IBM name: SMF78RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).
SMF078#03_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF78RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF78RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF078#03_IOQ_Global**

Field Name	Type	Len	Description
SMF078#03_IOQ_Global.<fieldname>			
SMF078#03_IOQ_Global.zGFLG.<fieldname>			
zCMFail	BIT	1	Incorrect data because channel measurement facility failed
zDiagFail	BIT	1	DIAGNOSE interface failed
zSTQNotSupp	BIT	1	Store primary queue data not supported
zDCM	BIT	1	DCM supported by hardware
zDCMMgd	BIT	1	Configuration contains DCM managed channels
zIOP	BIT	1	IOP utilization data supported
zResponse	BIT	1	Initial command response time measurements supported
zFTRD	BIT	1	First-transfer-ready-disabled data available
SMF078#03_IOQ_Global.zGFLX.<fieldname>			
zALIAS	BIT	1	ALIAS management groups available.
zEADM	BIT	1	EADM compression facility available.
zSCMMF	BIT	1	Storage-class memory measurement facility available.
SMF078#03_IOQ_Global.<fieldname>			
zGNTR	INT	2	(IBM name: R783GNTR) Number of descriptor triplets following.
zGIDS	INT	4	(IBM name: R783GIDS) Offset to I/O Processor (IOP) Initiative Queue data section.
zGIDL	INT	2	(IBM name: R783GIDL) Length of I/O Processor (IOP) Initiative Queue data section.
zGIDN	INT	2	(IBM name: R783GIDN) Number of I/O Processor (IOP) Initiative Queue data sections.
zTSR	INT	2	(IBM name: R783TSR) Total number of small records written during interval.
zTOT	INT	4	(IBM name: R783TOT) Total number of data sections recorded during the interval.
zNXT	INT	4	(IBM name: R783NXT) Total number of data sections in the following record.

SMF078#03_IOQ_Global.zCFL.<fieldname>			
zChg	BIT	1	Configuration changed. Used to decide whether to provide the text 'POR' or 'ACTIVATE' on reports. Also used to check whether data can be combined in a duration report.
zSincePOR	BIT	1	Configuration change since power on reset (POR).
zIOC	BIT	1	POR using IOC data set that contains a token.
zIOTokValid	BIT	1	I/O token is valid.
zMultiChann	BIT	1	Hardware allows multiple channel subsystems.

SMF078#03_IOQ_Global.<fieldname>			
zCSS	INT	1	(IBM name: R783CSS) Channel Subsystem ID. Only valid if bit 4 0F zCFL is set.
zTNM	CHAR	44	(IBM name: R783TNM) IODF name.
zTSF	CHAR	2	(IBM name: R783TSF) IODF name suffix.

SMF078#03_IOQ_Global.zTOK.<fieldname>			
zTDT	CHAR	8	(IBM name: R783TDT) IODF creation date, in the form mm/dd/yy.
zTTM	CHAR	8	(IBM name: R783TTM) IODF creation time, in the form hh.mm.ss.

SMF078#03_IOQ_Global.<fieldname>			
zTDY	CHAR	10	(IBM name: R783TDY) IODF creation date, in the form mm/dd/yyyy.

Secondary segment: **SMF078#03_IOP_Initiative_Queue**

Field Name	Type	Len	Description
SMF078#03_IOP_Initiative_Queue.<fieldname>			
zIQID	INT	2	(IBM name: R783IQID) Input output processor (IOP) initiative queue identifier.

SMF078#03_IOP_Initiative_Queue.zIFLG.<fieldname>			
zIOP	BIT	1	Input output processor (IOP) is installed.

SMF078#03_IOP_Initiative_Queue.zDSTX.<fieldname>			
zFICON	BIT	1	LCU contains at least one FICON channel.
zInvalConn	BIT	1	Connect time of at least one device is invalid.
zInvalDisc	BIT	1	Disconnect time of at least one device is invalid.

SMF078#03_IOP_Initiative_Queue.<fieldname>			
zIQSM	INT	4	(IBM name: R783IQSM) Accumulator is incremented by the current queue length in the Input output processor (IOP) whenever a request is enqueued.
zIQCT	INT	4	(IBM name: R783IQCT) Number of elements enqueued on the Input output processor (IOP) initiative queue.
zIIPB	FLOAT	8	(IBM name: R783IIPB) Number of times the I/O processor was busy.

zIIP1	FLOAT	8	(IBM name: R783IIP1) Number of times the I/O processor was idle.
zIIFS	FLOAT	8	(IBM name: R783IIFS) Number of I/O functions initially started.
zIPII	FLOAT	8	(IBM name: R783IPII) Number of processed I/O interrupts.
zICPB	FLOAT	8	(IBM name: R783ICPB) Number of times an I/O was retried due to channel path busy.
zIDPB	FLOAT	8	(IBM name: R783IDPB) Number of times an I/O was retried due to director port busy.
zICUB	FLOAT	8	(IBM name: R783ICUB) Number of times an I/O was retried due to control unit busy.
zIDVB	FLOAT	8	(IBM name: R783IDVB) Number of times an I/O was retried due to device busy.
zISCB	FLOAT	8	(IBM name: R783ISCB) Number of times the I/O processor was busy with SCM operations.
zIECB	FLOAT	8	(IBM name: R783IECB) Number of times the I/O processor was busy with compression or decompression.

Secondary segment: SMF078#03_IOQ_Control

Field Name	Type	Len	Description
<i>SMF078#03_IOQ_Control.<fieldname></i>			
zID1	INT	2	(IBM name: R783ID1) Logical control unit identifier.
zNTR	INT	2	(IBM name: R783NTR) Number of triplets following.
zCPDS	INT	4	(IBM name: R783CPDS) Offset to I/O Queuing Configuration data section from start of section.
zCPDL	INT	2	(IBM name: R783CPDL) Length of I/O Queuing Configuration data section.
zCPDN	INT	2	(IBM name: R783CPDN) Number of I/O Queuing Configuration data sections.
zAMGC	INT	1	(IBM name: R783AMGC) The alias management group number defined on the physical controller for this LCU. This number is valid, if the LCU is assigned to a DASD subsystem that supports alias management groups and bit 7 0F zDST is set.
zAMGS	INT	4	(IBM name: R783AMGS) The alias management group number assigned by z/OS for this LCU on this system. This number is valid, if the LCU is assigned to a DASD subsystem that supports alias management groups and bit 7 0F zDST is set.

Secondary segment: SMF078#03_IOQ_Config_Data

Field Name	Type	Len	Description
<i>SMF078#03_IOQ_Config_Data.<fieldname></i>			
zCPID	INT	1	(IBM name: R783CPID) Channel path identifier.
<i>SMF078#03_IOQ_Config_Data.zCPST.<fieldname></i>			

zCPInst	BIT	1	Channel path installed
zCPOnline	BIT	1	Channel path online
zCPVaried	BIT	1	Channel path varied
zCPOffline	BIT	1	Channel path offline to all devices of the LCU
zCPVary	BIT	1	Channel path connection to all devices of the LCU altered by VARY PATH command during interval
zCPErrror	BIT	1	Measured channel path data incorrect
zCPDCM	BIT	1	Channel path is DCM managed
zCPRreset	BIT	1	CHPID manipulated, requiring data reset

SMF078#03_IOQ_Config_Data.<fieldname>

zCUN	INT	2	(IBM name: R783CUN) Number of control units attached.
zCU1	INT	2	(IBM name: R783CU1) First control unit attached.
zCU2	INT	2	(IBM name: R783CU2) Second control unit attached.
zCU3	INT	2	(IBM name: R783CU3) Third control unit attached.
zCU4	INT	2	(IBM name: R783CU4) Fourth control unit attached.
zCUB	INT	4	(IBM name: R783CUB) Number of times control unit was busy.
zPT	INT	4	(IBM name: R783PT) Number of times channel path was taken.
zDPB	INT	4	(IBM name: R783DPB) Number of times that the Director Port was busy.
zCBT	INT	4	(IBM name: R783CBT) Delay time of an I/O request because the control unit was busy.
zCMR	INT	4	(IBM name: R783CMR) Initial command response time until the first command is indicated as accepted by the device.
zSBS	INT	4	(IBM name: R783SBS) Switch busy count summation: contains the switch busy counts received for all partitions.

SMF078#03_IOQ_Config_Data.zCPXF.<fieldname>

zFmt1	BIT	1	Extended I/O measurement-block format-1 data available
zFmt2	BIT	1	Extended I/O measurement-block format-2 data available
zFTRD	BIT	1	FIRST-TRANSFER-READY-DISABLED supported

SMF078#03_IOQ_Config_Data.<fieldname>

zCPAT	INT	1	(IBM name: R783CPAT) Path attributes Value Meaning 0 NOT specified for this path. 1 PREFERRED path. 2 NON-PREFERRED path.
zCTMW	INT	4	(IBM name: R783CTMW) Transport mode write count
zCTRD	INT	4	(IBM name: R783CTRD) First-transfer-ready-disabled write count

Secondary segment: **SMF078#03_IOQ_Data**

Field Name	Type	Len	Description
<i>SMF078#03_IOQ_Data.<fieldname></i>			
zID2	INT	2	(IBM name: R783ID2) Logical control unit identifier.

<i>SMF078#03_IOQ_Data.zDST.<fieldname></i>			
zNA	BIT	1	No hardware measurements available
zChanged	BIT	1	Dynamically changed
zAdded	BIT	1	Dynamically added
zAttempted	BIT	1	Configuration change attempted
zDCM	BIT	1	LCU contains DCM managed channels
zPathValid	BIT	1	Path attributes are valid.
zHyperPAV	BIT	1	LCU has HyperPAV devices.
zSuperPAV	BIT	1	LCU has SuperPAV devices.

<i>SMF078#03_IOQ_Data.<fieldname></i>			
zQSM	INT	4	(IBM name: R783QSM) Sum of total length of the CU-HDR queue.
zQCT	INT	4	(IBM name: R783QCT) Number of entries on the CU-HDR queue.
zMCMN	INT	2	(IBM name: R783MCMN) Minimum number of DCM managed channels used.
zMCMX	INT	2	(IBM name: R783MCMX) Maximum number of DCM managed channels used.
zMCDF	INT	2	(IBM name: R783MCDF) Defined number of DCM managed channels.
zPTM	INT	4	(IBM name: R783PTM) Accumulated path taken count for DCM managed channels.
zDPBM	INT	4	(IBM name: R783DPBM) Accumulated director port busy count for DCM managed channels.
zCUBM	INT	4	(IBM name: R783CUBM) Accumulated control unit busy count for DCM managed channels.
zCBTM	INT	4	(IBM name: R783CBTM) Accumulated delay time for DCM-managed channels because of a busy control unit.
zCMRM	INT	4	(IBM name: R783CMRM) Accumulated initial command response time for DCM-managed channels.
zSBSM	INT	4	(IBM name: R783SBSM) Switch busy count summation for DCM-managed channels.
zDCTM	INT	4	(IBM name: R783DCTM) Accumulated device connect time in units of 128 MICROSECONDS.
zDDTM	INT	4	(IBM name: R783DDTM) Accumulated device disconnect time in units of 128 MICROSECONDS.
zCSST	INT	4	(IBM name: R783CSST) Channel subsystem wait time in units of 128 MICROSECONDS.
zHCNT	INT	2	(IBM name: R783HCNT) Number of HyperPAV/SuperPAV data sections for that LCU.
zHIX	INT	2	(IBM name: R783HIX) Index to first HyperPAV/SuperPAV data section for that LCU.
zTMWM	INT	4	(IBM name: R783TMWM) Accumulated transport mode write count for DCM managed channels.
zTRDM	INT	4	

			(IBM name: R783TRDM) Accumulated first-transfer-ready-disabled write count for DCM managed channels.
--	--	--	---

Secondary segment: **SMF078#03_HyperPAV_SuperPAV**

Field Name	Type	Len	Description
<i>SMF078#03_HyperPAV_SuperPAV.<fieldname></i>			
zHLCU	INT	2	(IBM name: R783HLCU) HyperPAV Logical control unit identifier.
zHCU	INT	2	(IBM name: R783HCU) HyperPAV control unit identifier.
zHNAI	FLOAT	4	(IBM name: R783HNAI) The number of times an I/O could not start because no HyperPAV-aliases were available.
zHTIO	FLOAT	4	(IBM name: R783HTIO) The total number of HyperPAV I/O requests for the LSS.
zHAIU	INT	4	(IBM name: R783HAIU) The high water mark of the number of in-use HyperPAV-alias devices for the LSS (does not include borrowed alias devices).
zHCAD	INT	4	(IBM name: R783HCAD) The high water mark of the number of aliases concurrently in use by one of the HyperPAV-base devices of the LSS (including loaned alias devices).
zHIOQ	INT	4	(IBM name: R783HIOQ) The high water mark of queued I/O requests.
zXANC	FLOAT	4	(IBM name: R783XANC) The number of times an alias was needed to start an I/O.
zXAUC	FLOAT	4	(IBM name: R783XAUC) The number of times an alias was needed to start an I/O and one was used.
zXNHC	FLOAT	4	(IBM name: R783XNHC) The number of times an alias was needed to start an I/O, but none was available in the home LCU. Valid only if bit 7 0F zDST is set.
zXABC	FLOAT	4	(IBM name: R783XABC) The number of times an alias was borrowed from a peer LCU. Valid only if bit 7 0F zDST is set.
zXCBC	INT	4	(IBM name: R783XCBC) The number of aliases concurrently borrowed from peer LCUs. Valid only if bit 7 0F zDST is set.
zXHBC	INT	4	(IBM name: R783XHBC) The high water mark of concurrently borrowed aliases from peer LCUs. Valid only if bit 7 0F zDST is set.
zXALC	FLOAT	4	(IBM name: R783XALC) The number of times an alias was loaned to a peer LCU. Valid only if bit 7 0F zDST is set.
zXCLC	INT	4	(IBM name: R783XCLC) The number of aliases concurrently loaned to peer LCUs. Valid only if bit 7 0F zDST is set.
zXHLC	INT	4	(IBM name: R783XHLC) The high water mark of concurrently loaned aliases to peer LCUs. Valid only if bit 7 0F zDST is set.
zXNAG	FLOAT	4	(IBM name: R783XNAG) The number of attempts that were made to borrow an alias from peer LCUs, but none were available. Valid only if bit 7 0F zDST is set.
zXCQD	FLOAT	4	(IBM name: R783XCQD) The cumulative number of I/Os queued at the subsystem level when aliases were needed.

zXCIU	FLOAT	4	(IBM name: R783XCIU) The cumulative number of aliases defined to this subsystem that were in use when aliases were needed.
-------	-------	---	---

Record Type 79 - RMF Monitor II activity

SMF Record 79 (RMF Monitor II Activity) has a number of subtypes, each mapped by a structure member name of the format "T079STnn".

Record Type 79 Subtype 1 - Address Space State Data

Primary Segment:

- SMF079#01_RMF_Address_Space_State

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#01_ASD_and_ASDJ
- SMF079#01_Monitor_II_Control
- SMF079#01_Product

Primary segment: SMF079#01_RMF_Address_Space_State

Field Name	Type	Len	Description
<i>SMF079#01_RMF_Address_Space_State.<fieldname></i>			
SMF079#01_RMF_Address_Space_State.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.

zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.
zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#01_Product**

Field Name	Type	Len	Description
<i>SMF079#01_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0ccyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#01_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	Record was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#01_Product.<fieldname></i>
--

zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF079#01_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#01_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#01_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#01_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#01_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#01_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#01_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#01_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	

			(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.
zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: SMF079#01_ASD_and_ASDJ

Field Name	Type	Len	Description
<i>SMF079#01_ASD_and_ASDJ.<fieldname></i>			
zASID	INT	2	(IBM name: R791ASID) Address space identifier.
zJBN	CHAR	8	(IBM name: R791JBN) Name of job.
zDMN	INT	2	(IBM name: R791DMN) Reserved.
zNPG	INT	2	(IBM name: R791NPG) Reserved.
zPGP	INT	2	(IBM name: R791PGP) Reserved.
zTTOD	INT	4	(IBM name: R791TTOD) Real time into transaction (milliseconds).
zCL	CHAR	2	(IBM name: R791CL) Current location. (Set to IN when all other indicators are off.) Contents Meaning DL Out queue/delayed IN In storage LO Logically swapped out NS Non-swappable PR Privileged OT Swapped out and ready WL Wait queue/long wait WM Wait queue/MSO WO Wait queue/reasons other than WM, WL, or WT WT Wait queue/terminal wait >> Transitioning out << Transitioning in.
zTAS	INT (ENUM)	2	(IBM name: R791TAS) Type of user Contents
zSRC	CHAR	2	(IBM name: R791SRC) Reason for last swap-out Contents Meaning TO Terminal output TI Terminal input LW Long wait XS Auxiliary storage shortage RS Central storage shortage DW Detected wait MP Memory Pool shortage NQ CAP enqueue EX CAP exchange US CAP uni-swap TS Transition swap IC Improve central storage usage IP Improve system paging rate MR Make room for a user who has been swapped out too long AW APPC WAIT (swapped out, because waiting for APPC services) IW OMVS input wait OW OMVS output wait SR In-real swap 00 UNKN0WN.
zDP	INT	2	(IBM name: R791DP) Dispatcher priority.
zSWC	INT	2	(IBM name: R791SWC) Transaction swap count.
zSWMR	INT	2	

			(IBM name: R791SWMR) SRM work load recommendation value.
zWMS	INT	4	(IBM name: R791WMS) SRM service for the current transaction since the last swap-in.
zTCPU	INT	4	(IBM name: R791TCPU) CPU time (TCB + SRB) for current job step, in milliseconds.
zESCT	INT	4	(IBM name: R791ESCT) Number of pages on expanded storage frames.
zPIN	INT	4	(IBM name: R791PIN) Page-in count.
zTRTM	INT	4	(IBM name: R791TRTM) Transaction residency time, in milliseconds.

SMF079#01_ASD_and_ASDJ.zFLG.<fieldname>

zXMem	BIT	1	Cross memory address space
zCTARval	BIT	1	Data in zCTAR is valid
zVALval	BIT	1	Data in zVAL is valid
zServer	BIT	1	If ON: this address space is a server address space If OFF: goal specified for this address space is being honored by WLM
zRESET	BIT	1	Address space has been quiesced by a RESET command
zRule	BIT	1	Address space matched a classification rule in the active policy which prevents managing the region based on the response time goals of its served transactions
zAffinity	BIT	1	Server has temporal affinity to clients.

SMF079#01_ASD_and_ASDJ.zFLG2.<fieldname>

zF2#0	BIT	1	Service class assigned by classification, or RESET SRVCLASS was designated CPU-critical in the active policy.
zF2#1	BIT	1	Address space matched a classification rule in the active policy which was designated storage-critical.
zF2#2	BIT	1	Address space is serving transactions which belong to a service class that was designated storage-critical in the active policy's classification rules, or is running in SYSTEM/SYSSTC.
zF2#3	BIT	1	Cpu protection was assigned either to the address space or to transaction service classes being served by the space.
zF2#4	BIT	1	Storage protection was assigned either to the address space or to transaction service classes being served by the space.
zF2#5	BIT	1	The dispatching priority of the address space is currently promoted due to a chronic resource contention.
zF2#6	BIT	1	Address space is a CICS TOR that matched a classification rule in the active policy which allows managing the region based on the region goals but also ensures that completed transactions are reported and used for management of the CICS AORs.
zF2#7	BIT	1	Honor priority ineligibility was assigned either to the address space or to transaction service classes being served by the space.

SMF079#01_ASD_and_ASDJ.<fieldname>

zFMCT	INT	4	(IBM name: R791FMCT) Number of central storage frames.
zWSS	INT	4	(IBM name: R791WSS) Working set at last swap in.
zTWSS	INT	4	(IBM name: R791TWSS) RSM target working set size.
zESHP	INT	4	(IBM name: R791ESHP) Number of hiperspace expanded storage pages used by job.
zESVI	INT	4	

			(IBM name: R791ESVI) Number of VIO expanded storage pages used by job.
zHIN	INT	4	(IBM name: R791HIN) Number of ESO hiperspace page-ins by block.
zHRMS	INT	4	(IBM name: R791HRMS) Number of ESO hiperspace read misses by job (a read miss is an attempt to read a frame that is not in expanded storage).
zBPIN	INT	4	(IBM name: R791BPIN) Number of blocked pages brought in from DASD.
zPINE	INT	4	(IBM name: R791PINE) Number of pages brought in from expanded storage.
zBPNE	INT	4	(IBM name: R791BPNE) Number of blocked pages brought in from expanded storage.
zCTAR	INT	4	(IBM name: R791CTAR) Central storage target number of frames.
zVAL	INT	4	(IBM name: R791VAL) Recommendation value for working-set-managed address spaces.
zSCL	CHAR	8	(IBM name: R791SCL) Service class name.
zSCP	INT	2	(IBM name: R791SCP) Service class period.
zWKLD	CHAR	8	(IBM name: R791WKLD) Workload name.
zRGRP	CHAR	8	(IBM name: R791RGRP) Resource group name.
zSPI	INT	4	(IBM name: R791SPI) Number of page-ins from auxiliary storage for shared page groups.
zCMNI	INT	4	(IBM name: R791CMNI) Number of common pages for current transaction.
zPNV	INT	4	(IBM name: R791PNV) Number of non-VIO pages for current transaction.
zPVIO	INT	4	(IBM name: R791PVIO) Number of VIO pages for current transaction.
zEXCT	INT	4	(IBM name: R791EXCT) EXCP count for this step.
zTCPC	INT	4	(IBM name: R791TCPC) Total CPU time consumed in this address space, in milliseconds.
zASST	INT	4	(IBM name: R791ASST) CPU time consumed by preemptible-class SRBs running on behalf of this address space, in milliseconds.
zPHTM	INT	4	(IBM name: R791PHTM) CPU time consumed by preemptible-class SRBs running in this address space, in milliseconds.
zRCL	CHAR	8	(IBM name: R791RCL) Report class name.
zMLIM	INT	8	(IBM name: R791MLIM) Address space memory limit, in megabytes.
zTIFA	INT	4	(IBM name: R791TIFA) CPU time in milliseconds consumed on zAAPs.
zTCP	INT	4	(IBM name: R791TCP) CPU time in milliseconds consumed on standard CPs. Only valid if zAAPs or zIIPs are in the configuration.
zTIFC	INT	4	(IBM name: R791TIFC) CPU time in milliseconds consumed on standard CPs by work that was eligible for zAAP.
zNFFI	INT	4	(IBM name: R791NFFI) Normalization factor for zAAP time. Used to convert between real zAAP times and 'normalized' zAAP times, that is, the equivalent time on a

			standard CP. Multiply zTIFA by this value and divide by 256 T0 calculate the normalized zAAP time.
zTSUP	INT	4	(IBM name: R791TSUP) CPU time in milliseconds consumed on zIIPs
zTSUC	INT	4	(IBM name: R791TSUC) CPU time in milliseconds consumed on standard CPs by work that was eligible for zIIP.
zNFFS	INT	4	(IBM name: R791NFFS) Normalization factor for zIIP time. Used to convert between real zIIP times and 'normalized' zIIP times, that is, the equivalent time on a standard CP. Multiply zTSUP by this value and divide by 256 T0 calculate the normalized zIIP time.
zEXCW	INT	8	(IBM name: R791EXCW) EXCP count (double word).
zPHTA	INT	4	(IBM name: R791PHTA) zAAP-only equivalent of zPHTM. This is normalized time.
zPHTI	INT	4	(IBM name: R791PHTI) zIIP-only equivalent of zPHTM. This is normalized time.

SMF079#01_ASD_and_ASDJ.zFLG3.<fieldname>			
zF3#0	BIT	1	Service class was assigned by classification, or RESET SRVCLASS belongs to I/O priority group HIGH in the active policy.
zF3#1	BIT	1	I/O priority group HIGH was assigned either to the address space or to transaction service classes served by the address space.
zF3#2	BIT	1	zRGRP is the name of a tenant resource group and zRCL is the name of a tenant report class.
zF3#3	BIT	1	General purpose and specialty processor consumption is considered by WLM capping algorithms for this address space.

Record Type 79 Subtype 2 - Address Space Resource Data

Primary Segment:

- SMF079#02_RMF_Address_Space_Resource

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#02_ARD_and_ARDJ
- SMF079#02_Monitor_II_Control
- SMF079#02_Product

Primary segment: SMF079#02_RMF_Address_Space_Resource

Field Name	Type	Len	Description
SMF079#02_RMF_Address_Space_Resource.<fieldname>			
SMF079#02_RMF_Address_Space_Resource.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#02_Product**

Field Name	Type	Len	Description
<i>SMF079#02_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#02_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#02_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#02_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#02_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#02_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#02_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#02_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#02_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#02_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#02_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#02_ARD_and_ARDJ**

Field Name	Type	Len	Description
<i>SMF079#02_ARD_and_ARDJ.<fieldname></i>			
zASID	INT	2	(IBM name: R792ASID) Address space identifier.
zJBN	CHAR	8	(IBM name: R792JBN) Name of job.
zDMN	INT	2	(IBM name: R792DMN) Reserved.
zNPG	INT	2	(IBM name: R792NPG) Reserved.
zCL	CHAR	2	(IBM name: R792CL) Current location Contents Meaning DL Out queue/delayed IN In storage LO Logically swapped out NS Non-swappable PR Privileged OT Swapped out and ready WL Wait queue/long wait WM Wait queue/MSO WO Wait queue/reasons other than WM, WL, or WT WT Wait queue/terminal wait >> Transitioning out << Transitioning in.
zTAS	INT (ENUM)	2	(IBM name: R792TAS) Type of user Contents
zTRC	INT	2	(IBM name: R792TRC) Transaction count.
zTTOD	INT	4	(IBM name: R792TTOD) Transaction elapsed time, in milliseconds.
zPRFX	INT	4	(IBM name: R792PRFX) Number of private fixed frames.
zSVAR	INT	4	(IBM name: R792SVAR) SRM service absorption rate for step.
zTCPU	INT	4	(IBM name: R792TCPU) Total TCB time for step, in milliseconds.
zPSS1	INT	4	(IBM name: R792PSS1) High order word - CPU page seconds, in milliseconds. One page in storage for one second is one page second.
zPSS2	INT	4	(IBM name: R792PSS2) Low order word - step product of frame, in milliseconds. One page in storage for one second is one page second.
zEJST	INT	4	(IBM name: R792EJST) Total processor time (TCB+SRB), in milliseconds.
zTSRM	INT	4	(IBM name: R792TSRM) Total SRM service for job or session.
zRTM	INT	4	(IBM name: R792RTM) Resident time for step, in milliseconds.
zEXCP	INT	2	

			(IBM name: R792EXCP) EXCP count for this step.
zCMNI	INT	4	(IBM name: R792CMNI) Number of common pages for current transaction.
zPNV	INT	4	(IBM name: R792PNV) Number of non-VIO pages for current transaction.
zPVIO	INT	4	(IBM name: R792PVIO) Number of VIO pages for current transaction.
zFXBL	INT	4	(IBM name: R792FXBL) Number of fixed frames below 16 MEGABYTES.
zPSWP	INT	4	(IBM name: R792PSWP) Number of pages swapped in and out for current transaction.
zLPAI	INT	4	(IBM name: R792LPAI) Number of link pack area (LPA) pages paged in for current transaction.
zCSAI	INT	4	(IBM name: R792CSAI) Number of CSA pages paged in for current transaction.
zLSQA	INT	4	(IBM name: R792LSQA) Number of fixed local system queue area (LSQA) fixed frames.
zNLQF	INT	4	(IBM name: R792NLQF) Number of non-local system queue area (LSQA) fixed frames. 96 5E zTDEV 4 BINARY Total device connect time in milliseconds.
zPIN	INT	4	(IBM name: R792PIN) Page-in count.
zTRTM	INT	4	(IBM name: R792TRTM) Transaction residency time.

SMF079#02_ARD_and_ARDJ.zFLG.<fieldname>

zXMem	BIT	1	Cross memory address space
zINCORRECT	BIT	1	Incorrect RSM data obtained for address space
zServer	BIT	1	If ON: this address space is a server address space If OFF: goal specified for this address space is being honored by WLM
zRESET	BIT	1	Address space has been quiesced by a RESET command
zRule	BIT	1	Address space matched a classification rule in the active policy which prevents managing the region based on the response time goals of its served transactions
zAffinity	BIT	1	Server has temporal affinity to clients.

SMF079#02_ARD_and_ARDJ.<fieldname>

zFLG2	INT	1	Additional bits.
zLSQR	INT	4	(IBM name: R792LSQR) Local system queue area (LSQA) pages in central storage.
zLSQE	INT	4	(IBM name: R792LSQE) Local system queue area (LSQA) pages in expanded storage.
zARS	INT	4	(IBM name: R792ARS) Average number of real frames for step.
zTWSS	INT	4	(IBM name: R792TWSS) SRM target working set size for this job.
zPHSP	INT	4	(IBM name: R792PHSP) Number of hiperspace pages for the current transaction.
zEXCT	INT	4	(IBM name: R792EXCT) EXCP count for this step.
zSCL	CHAR	8	(IBM name: R792SCL) Service class name.
zSCP	INT	2	(IBM name: R792SCP) Service class period.

zWKLD	CHAR	8	(IBM name: R792WKLD) Workload name.
zRGRP	CHAR	8	(IBM name: R792RGRP) Resource group name.
zTCPC	INT	4	(IBM name: R792TCPC) Total CPU time consumed in this address space, in milliseconds.
zASST	INT	4	(IBM name: R792ASST) CPU time consumed by preemptible-class SRBs running on behalf of this address space, in milliseconds.
zPHTM	INT	4	(IBM name: R792PHTM) CPU time consumed by preemptible-class SRBs running in this address space, in milliseconds.
zFXAB	INT	4	(IBM name: R792FXAB) Number of fixed frames between 16M and 2G (z/Architecture mode).
zTIFA	INT	4	(IBM name: R792TIFA) CPU time in milliseconds consumed on zAAPs.
zTCP	INT	4	(IBM name: R792TCP) CPU time in milliseconds consumed on standard CPs. Only valid if zAAPs or zIIPs are in the configuration.
zTIFC	INT	4	(IBM name: R792TIFC) CPU time in milliseconds consumed on standard CPs by work that was eligible for zAAP.
zNFFI	INT	4	(IBM name: R792NFFI) Normalization factor for zAAP time. Used to convert between real zAAP times and 'normalized' zAAP times, that is, the equivalent time on a standard CP. Multiply zTIFA by this value and divide by 256 T0 calculate the normalized zAAP time.
zTSUP	INT	4	(IBM name: R792TSUP) CPU time in milliseconds consumed on zIIPs.
zTSUC	INT	4	(IBM name: R792TSUC) CPU time in milliseconds consumed on standard CPs by work that was eligible for zIIP.
zNFFS	INT	4	(IBM name: R792NFFS) Normalization factor for zIIP time. Used to convert between real zIIP times and 'normalized' zIIP times, that is, the equivalent time on a standard CP. Multiply zTSUP by this value and divide by 256 T0 calculate the normalized zIIP time.
zEXCW	INT	8	(IBM name: R792EXCW) EXCP count (double word).
zPHTA	INT	4	(IBM name: R792PHTA) zAAP-only equivalent of zPHTM. This is normalized time.
zPHTI	INT	4	(IBM name: R792PHTI) zIIP-only equivalent of zPHTM. This is normalized time.
zFLG3	INT	1	Additional flags.

Record Type 79 Subtype 3 - Storage/Processor Data

Primary Segment:

- SMF079#03_RMF_Storage_Processor

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#03_Monitor_II_Control
- SMF079#03_Product
- SMF079#03_SRCS

Primary segment: SMF079#03_RMF_Storage_Processor

Field Name	Type	Len	Description
SMF079#03_RMF_Storage_Processor.<fieldname>			
SMF079#03_RMF_Storage_Processor.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#03_Product**

Field Name	Type	Len	Description
<i>SMF079#03_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#03_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#03_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#03_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#03_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#03_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#03_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#03_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#03_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#03_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#03_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#03_SRC**

Field Name	Type	Len	Description
<i>SMF079#03_SRC.<fieldname></i>			
zCRI	INT	2	(IBM name: R793CRI) Current system UIC (MCTCurSystemUIC).
zSQA	INT	2	(IBM name: R793SQA) Number of system queue area (SQA) frames (replaced by zSQA4).
zCMNF	INT	2	(IBM name: R793CMNF) Number of frames allocated to the common area (replaced by zCMN4).
zCMFF	INT	2	(IBM name: R793CMFF) Number of common (LPA + CSA) fixed frames (replaced by zCMF4).
zPRFX	INT	2	(IBM name: R793PRFX) Number of private fixed frames (local system queue area (LSQA) + non-LSQA) (replaced by zPFX4).
zCPUU	INT	2	(IBM name: R793CPUU) LPAR utilization, if in LPAR mode and RMF Monitor I is active. X'7FFF' indicates no value available in PR/SM environment.
zDQ	INT	2	(IBM name: R793DQ) Length of out wait queue.
zINC	INT	2	(IBM name: R793INC) Number of address spaces swapped in storage (SRM in queue).
zOUTU	INT	2	(IBM name: R793OUTU) Number of address spaces swapped out of storage (SRM out queue).
zLPAF	INT	2	(IBM name: R793LPAF) Number of link pack area (LPA) pageable frames (replaced by zLPF4).
zCSAF	INT	2	(IBM name: R793CSAF) Number of CSA pageable frames (replaced by zCSF4).
zLPFX	INT	2	(IBM name: R793LPFX) Number of link pack area (LPA) fixed frames (replaced by zLFX4).
zCSFX	INT	2	(IBM name: R793CSFX) Number of CSA fixed frames (replaced by zCFX4).
zLSQA	INT	2	(IBM name: R793LSQA) Number of local system queue area (LSQA) frames (replaced by zLSQ4).
zNLQF	INT	2	(IBM name: R793NLQF) Number of private non-local system queue area (LSQA) fixed frames (replaced by zNLF4).
zLOUT	INT	2	(IBM name: R793LOUT) Number of address spaces logically swapped out.
zSQR	INT	4	(IBM name: R793SQR) System queue area (SQA) pages in central storage.
zSQE	INT	4	(IBM name: R793SQE) System queue area (SQA) pages in expanded storage.

zLSQR	INT	4	(IBM name: R793LSQR) Local system queue area (LSQA) pages in central storage.
zLSQE	INT	4	(IBM name: R793LSQE) Local system queue area (LSQA) pages in expanded storage.
zAFC	INT	4	(IBM name: R793AFC) Number of available frames.
zCUT	INT	4	(IBM name: R793CUT) MVS utilization, that is, MVS non-wait time as a percentage of the interval length. For systems not running in LPAR mode in a PR/SM environment, this field is identical to zCPUU. For details, see z/OS RMF Report Analysis.
zSQA4	INT	4	(IBM name: R793SQA4) binary Number of fixed system queue area (SQA) frames (replaces zSQA).
zCMN4	INT	4	(IBM name: R793CMN4) binary Number of common (LPA+CSA) pageable and fixed frames (replaces zCMNF).
zCMF4	INT	4	(IBM name: R793CMF4) binary Number of common (LPA+CSA) fixed frames (replaces zCMFF).
zPFX4	INT	4	(IBM name: R793PFX4) binary Number of private fixed frames (LSQA+NON-LSQA) (replaces zPRFX).
zLPF4	INT	4	(IBM name: R793LPF4) binary Number of total link pack area (LPA) frames (replaces zLPAF).
zCSF4	INT	4	(IBM name: R793CSF4) binary Number of total CSA frames (replaces zCSAF) including user-key common storage allocated in restricted use common service area (RUCSA).
zLFX4	INT	4	(IBM name: R793LFX4) binary Number of link pack area (LPA) fixed frames (replaces zLPFX).
zCFX4	INT	4	(IBM name: R793CFX4) binary Number of CSA fixed frames (replaces zCSFX) including user-key common storage allocated in RUCSA.
zLSQ4	INT	4	(IBM name: R793LSQ4) binary Number of fixed local system queue area (LSQA) frames (replaces zLSQA).
zNLF4	INT	4	(IBM name: R793NLF4) binary Number of private NON-LSQA fixed frames (replaces zNLQF).

Record Type 79 Subtype 4 - Paging Activity

Primary Segment:

- SMF079#04_RMF_Paging

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#04_Monitor_II_Control
- SMF079#04_Product
- SMF079#04_SPAG

Primary segment: SMF079#04_RMF_Paging

Field Name	Type	Len	Description
SMF079#04_RMF_Paging.<fieldname>			
SMF079#04_RMF_Paging.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#04_Product**

Field Name	Type	Len	Description
<i>SMF079#04_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#04_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#04_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#04_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#04_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#04_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#04_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#04_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#04_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#04_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#04_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#04_SPAG**

Field Name	Type	Len	Description
<i>SMF079#04_SPAG.<fieldname></i>			
zCMNI	INT	4	(IBM name: R794CMNI) System common (LPA + CSA) pages in to central storage from auxiliary storage.
zCMNO	INT	4	(IBM name: R794CMNO) System common (CSA) pages out from central storage to auxiliary storage.
zSWPO	INT	4	(IBM name: R794SWPO) Number of swap-outs between central storage and auxiliary storage.
zPSPI	INT	4	(IBM name: R794PSPI) Number of pages swapped in to central storage from auxiliary storage.
zPSPO	INT	4	(IBM name: R794PSPO) Number of pages swapped out from central storage to auxiliary storage.
zPRVI	INT	4	(IBM name: R794PRVI) Number of private pages (VIO + non-VIO) swapped in to central storage from auxiliary storage.
zPRVO	INT	4	(IBM name: R794PRVO) Number of private pages (VIO + non-VIO) swapped out from central storage to auxiliary storage.
zVIO	INT	4	(IBM name: R794VIO) Number of VIO pages (in + out) between central storage and auxiliary storage.
zCRI	INT	2	(IBM name: R794CRI) Current system UIC (MCTCurSystemUIC).
zLPAI	INT	4	(IBM name: R794LPAI) System link pack area (LPA) pages in to central storage from auxiliary storage.
zCSAI	INT	4	(IBM name: R794CSAI) System CSA pages out from central storage to auxiliary storage.
zERTE	INT	4	(IBM name: R794ERTE) Number of pages sent from central storage to expanded storage.
zEVAL	INT	4	(IBM name: R794EVAL) Number of available expanded storage frames not in use.
zMRTE	INT	4	(IBM name: R794MRTE) Number of pages migrated from expanded storage to auxiliary storage.
zMAGE	INT	4	(IBM name: R794MAGE) Migration age.
zAFC	INT	4	(IBM name: R794AFC) Number of available frames.
zTWSS	INT	4	(IBM name: R794TWSS) Target working set size for the common area.

zHSP	INT	4	(IBM name: R794HSP) Number of hiperspace pages (in + out) between central storage and auxiliary storage.
zPPIA	INT	4	(IBM name: R794PPIA) Number of blocked pages paged in from private auxiliary storage.
zLPIA	INT	4	(IBM name: R794LPIA) Number of blocks paged in from private auxiliary storage.

Record Type 79 Subtype 5 - Address Space SRM Data

Primary Segment:

- SMF079#05_RMF_Address_Space_SRM

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#05_ASRM_and_ASRMJ
- SMF079#05_Monitor_II_Control
- SMF079#05_Product

Primary segment: SMF079#05_RMF_Address_Space_SRM

Field Name	Type	Len	Description
SMF079#05_RMF_Address_Space_SRM.<fieldname>			
SMF079#05_RMF_Address_Space_SRM.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#05_Product**

Field Name	Type	Len	Description
<i>SMF079#05_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#05_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#05_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#05_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#05_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#05_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#05_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#05_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#05_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#05_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#05_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R795TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#05_ASRM_and_ASRMJ**

Field Name	Type	Len	Description
<i>SMF079#05_ASRM_and_ASRMJ.<fieldname></i>			
zASID	INT	2	(IBM name: R795ASID) Address space identifier.
zJBN	CHAR	8	(IBM name: R795JBN) Name of job.
zDMN	INT	2	(IBM name: R795DMN) Reserved.
zNPG	INT	2	(IBM name: R795NPG) Reserved.
zPGP	INT	2	(IBM name: R795PGP) Reserved.
zTTOD	INT	4	(IBM name: R795TTOD) Real time into transaction.
zCL	CHAR	2	(IBM name: R795CL) Current location (set to IN when all other indicators are off) Contents Meaning DL Out queue/delayed IN In storage LO Logically swapped out NS Non-swappable PR Privileged OT Swapped out and ready WL Wait queue/long wait WM Wait queue/MSO WO Wait queue/reasons other than WM, WL, or WT WT Wait queue/terminal wait >> Transitioning out << Transitioning in.
zTAS	INT (ENUM)	2	(IBM name: R795TAS) Type of user Contents
zTROD	INT	4	(IBM name: R795TROD) Transaction resident time.
zTCNT	INT	2	(IBM name: R795TCNT) Transaction count.
zSWC	INT	2	(IBM name: R795SWC) Transaction swap count.
zCPUS	INT	4	(IBM name: R795CPUS) Total processor service units for transaction (zeros when ASID is out of storage).
zMSOS	INT	4	(IBM name: R795MSOS) Total main storage origin (MSO) service units for transaction (zeros when ASID is out of storage).
zIOCS	INT	4	(IBM name: R795IOCS) Total IOC service units for transaction (zeros when ASID is out of storage).
zWMS	INT	4	(IBM name: R795WMS) Total service units for transaction (zeros when ASID is out of storage).
zTOTL	INT	4	(IBM name: R795TOTL) Total service units for job or TSO/E session (zeros when ASID is out of storage).

zTOT	INT	4	(IBM name: R795TOT) Total service units for transaction since last swap-in.
zSRBS	INT	4	(IBM name: R795SRBS) Total SRB service units for transaction (zeros when ASID is out of storage).
zFLG	INT	1	Flags.
zSCL	CHAR	8	(IBM name: R795SCL) Service class name.
zSCP	INT	2	(IBM name: R795SCP) Service class period.
zWKLD	CHAR	8	(IBM name: R795WKLD) Workload name.
zRGRP	CHAR	8	(IBM name: R795RGRP) Resource group name.

Record Type 79 Subtype 6 - Reserve Data

Primary Segment:

- SMF079#06_RMF_Reserve

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#06_Monitor_II_Control
- SMF079#06_Product
- SMF079#06_SENQR

Primary segment: SMF079#06_RMF_Reserve

Field Name	Type	Len	Description
SMF079#06_RMF_Reserve.<fieldname>			
SMF079#06_RMF_Reserve.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#06_Product**

Field Name	Type	Len	Description
<i>SMF079#06_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#06_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#06_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#06_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#06_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#06_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#06_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF079#06_Monitor_II_Control

Field Name	Type	Len	Description
SMF079#06_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#06_Monitor_II_Control.zLF2.<fieldname>

zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#06_Monitor_II_Control.<fieldname>

zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#06_SENQR**

Field Name	Type	Len	Description
<i>SMF079#06_SENQR.<fieldname></i>			
zASID	INT	2	(IBM name: R796ASID) Address space ID of the job that issued the RESERVE.
zMAJ	CHAR	8	(IBM name: R796MAJ) Major name of the resource.
zMIN	CHAR	44	(IBM name: R796MIN) Minor name of the resource.
zJBN	CHAR	8	(IBM name: R796JBN) Name of the job that issued the RESERVE.
zVOLS	CHAR	6	(IBM name: R796VOLS) Volume serial of the volume against which the RESERVE was issued.
zUCB	CHAR	3	(IBM name: R796UCB) Device number or 'UCB' for 4-digit device numbers.
zREQ	CHAR	2	(IBM name: R796REQ) Type and status of request for the resource.
zMINL	INT	2	(IBM name: R796MINL) Length of the minor name field (used for reporting).
<i>SMF079#06_SENQR.zFLG.<fieldname></i>			
zDevResv	BIT	1	Device reserved by this processor
zTrunc	BIT	1	Minor name truncated
zGlobal	BIT	1	Global resource
zGlobEnq	BIT	1	Reserve request converted to global enqueue
<i>SMF079#06_SENQR.<fieldname></i>			
zSID	CHAR	8	(IBM name: SMF79SID) System identifier of the job that issued the RESERVE.
zDVN	INT	2	(IBM name: R796DVN) Device number (binary).
zSCS	INT	1	(IBM name: R796SCS) Subchannel set ID.

Record Type 79 Subtype 7 - Enqueue Contention Data

Primary Segment:

- SMF079#07_RMF_Enqueue_Contention

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#07_Monitor_II_Control
- SMF079#07_Product
- SMF079#07_SENQ

Primary segment: SMF079#07_RMF_Enqueue_Contention

Field Name	Type	Len	Description
SMF079#07_RMF_Enqueue_Contention.<fieldname>			
SMF079#07_RMF_Enqueue_Contention.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#07_Product**

Field Name	Type	Len	Description
<i>SMF079#07_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#07_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#07_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#07_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#07_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#07_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#07_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#07_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#07_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#07_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#07_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#07_SENQ**

Field Name	Type	Len	Description
<i>SMF079#07_SENQ.<fieldname></i>			
zMAJ	CHAR	8	(IBM name: R797MAJ) Major name of resource.
zMIN	CHAR	44	(IBM name: R797MIN) Minor name of resource.
zFLG	INT	1	Data type flags
zMINL	INT	4	(IBM name: R797MINL) Length of the minor name field (used for reporting).
zOWN	INT	2	(IBM name: R797OWN) Count of requestors that own the resource.
zEXCW	INT	2	(IBM name: R797EXCW) Count of requestors waiting for exclusive use of a resource.
zSHRW	INT	2	(IBM name: R797SHRW) Count of requestors waiting for shared use of a resource.
zREQ	CHAR	2	(IBM name: R797REQ) Type and status of request for a resource ('SO', 'SW', 'EO', or 'EW').
zJBN	CHAR	8	(IBM name: R797JBN) Name of the job that issued the ENQ.
zASID	INT	2	(IBM name: R797ASID) Address space ID of the job that issued the ENQ.
zSCOP	CHAR	4	(IBM name: R797SCOP) Scope of the resource ('SYS', 'SYSS', or 'STEP').
zSID	CHAR	8	(IBM name: SMF79SID) System identifier of the job that issued the ENQ.

Record Type 79 Subtype 9 - Device Activity

Primary Segment:

- SMF079#09_RMF_Device_Activity

Secondary Segment(s): 3 (in alphabetical order)

- SMF079#09_Device
- SMF079#09_Monitor_II_Control
- SMF079#09_Product

Primary segment: SMF079#09_RMF_Device_Activity

Field Name	Type	Len	Description
SMF079#09_RMF_Device_Activity.<fieldname>			
SMF079#09_RMF_Device_Activity.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#09_Product**

Field Name	Type	Len	Description
<i>SMF079#09_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#09_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#09_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#09_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#09_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#09_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#09_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#09_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#09_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#09_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#09_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#09_Device**

Field Name	Type	Len	Description
<i>SMF079#09_Device.<fieldname></i>			
zNUM	DEC	2 (3,0)	(IBM name: R799NUM) Device number.
zLCU	INT	2	(IBM name: R799LCU) Logical control unit number X'00' to X'FF'.

<i>SMF079#09_Device.zCNF.<fieldname></i>			
zBadIOSQueueLen	BIT	1	IOS queue-length incorrect
zNoLCU	BIT	1	No logical control unit information
zBadData	BIT	1	Data contained in fields zSSC through zDIS is incorrect
zBadTime	BIT	1	Connect, pending, or disconnect time for device is not valid
zReconfig	BIT	1	Device was reconfigured or DDR activity was detected through Monitor I interval
zOnline	BIT	1	Device is currently online.

<i>SMF079#09_Device.<fieldname></i>			
zSER	CHAR	6	(IBM name: R799SER) Volume serial number of the volume mounted on this device.
zTYP	INT	4	(IBM name: R799TYP) Device type.
zNUX	INT	4	(IBM name: R799NUX) Number of base and alias devices for a parallel access volume (PAV). This field is 1 FOR a non-PAV device. For HyperPAV base devices (bit 6 OF zCNX is set), this is the accumulated number of HyperPAV aliases.
zSSC	INT	4	(IBM name: R799SSC) Start subchannel (SSCH) count.
zMEC	INT	4	(IBM name: R799MEC) Measurement event count. number of SSCH instructions for which connect, pending, and active times were stored.
zCNN	INT	4	(IBM name: R799CNN) Device connect time.
zPEN	INT	4	(IBM name: R799PEN) Function pending time.
zATV	INT	4	(IBM name: R799ATV) Function active time.
zDIS	INT	4	(IBM name: R799DIS) Device disconnect time.
zQUE	INT	4	

			(IBM name: R799QUE) Number of requests queued in IOS for this device.
zUTL	INT	4	(IBM name: R799UTL) Number of samples when the device was reserved but an SSCH had not been issued to the device.
zRSV	INT	4	(IBM name: R799RSV) Number of samples taken during the measurement interval that indicated that the device was reserved.
zALC	INT	4	(IBM name: R799ALC) Number of samples taken during the measurement interval that indicated that the device was allocated.
zDVB	INT	4	(IBM name: R799DVB) Device busy delay time.
zCUB	INT	4	(IBM name: R799CUB) Shows control unit busy delay time if bit 4 IN zCNX is set off.
zICT	INT	2	(IBM name: R799ICT) Incorrect sample count.

SMF079#09_Device.zCNX.<fieldname>

zParallel	BIT	1	Base exposure of a parallel access volume
zAliasExp	BIT	1	Number of alias exposures has changed
zTimingNA	BIT	1	Timing facility not active
zCMBx	BIT	1	Extended CMB mode
zSTSCHModNA	BIT	1	Model-dependant data not available by STSCH
zResponse	BIT	1	Initial command response time available
zHyperPAV	BIT	1	HyperPAV base device.
zInterruptDelayTime	BIT	1	Interrupt-Delay-Time facility is provided by channel subsystem.

SMF079#09_Device.<fieldname>

zSGN	CHAR	8	(IBM name: R799SGN) Storage group name.
zNDA	INT	4	(IBM name: R799NDA) Total number of allocations in effect for the device.
zDPB	INT	4	(IBM name: R799DPB) Shows the amount of time during the measurement interval that I/O requests to a device were delayed because a director port was busy if bit 4 0F zCNX is set off.
zCMR	INT	4	(IBM name: R799CMR) binary Shows initial command response time in units of 128 MICROSECONDS if bit 5 0F zCNX is set on.
zPCT	INT	4	(IBM name: R799PCT) Number of unsuccessful PAV samples.
zPSM	INT	4	(IBM name: R799PSM) Number of successful PAV samples.
zIDT	INT	4	(IBM name: R799IDT) Interrupt delay time in units of 128 MICROSECONDS. This field is zero if not supported by the hardware.
zCUQ	INT	4	(IBM name: R799CUQ) Control Unit Queuing Time.

SMF079#09_Device.zCN2.<fieldname>

zFICON	BIT	1	Device connected to FICON.
--------	-----	---	----------------------------

SMF079#09_Device.<fieldname>

zSCS	INT	1	(IBM name: R799SCS) Subchannel set ID.
------	-----	---	---

zNM2	INT	2	(IBM name: R799NM2) Device number (same as zNUM).
zIOS	INT	4	(IBM name: R799IOS) IOS Queue time in microseconds

Record Type 79 Subtype 11 - Page Data Set Activity

Primary Segment:

- SMF079#11_RMF_Page_Dataset

Secondary Segment(s): 4 (in alphabetical order)

- SMF079#11_Monitor_II_Control
- SMF079#11_Product
- SMF079#11_PGSP_Control
- SMF079#11_PGSP_Dataset

Primary segment: SMF079#11_RMF_Page_Dataset

Field Name	Type	Len	Description
SMF079#11_RMF_Page_Dataset.<fieldname>			
SMF079#11_RMF_Page_Dataset.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.

zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#11_Product**

Field Name	Type	Len	Description
<i>SMF079#11_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#11_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#11_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).

zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries
------	-----	---	--

SMF079#11_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#11_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#11_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.

zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#11_Product.Reassembly_Area.Reassembly_Info.<fieldname>			
zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: **SMF079#11_Monitor_II_Control**

Field Name	Type	Len	Description
SMF079#11_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#11_Monitor_II_Control.zLF2.<fieldname>			
zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#11_Monitor_II_Control.<fieldname>			
zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.

zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#11_PGSP_Control**

Field Name	Type	Len	Description
<i>SMF079#11_PGSP_Control.<fieldname></i>			
zETYP	CHAR	1	(IBM name: R79BETYP) Type of data that follows: P - PAGE data sets

Secondary segment: **SMF079#11_PGSP_Dataset**

Field Name	Type	Len	Description
<i>SMF079#11_PGSP_Dataset.<fieldname></i>			
zSALC	INT	4	(IBM name: R79BSALC) Number of slots/sets in this data set.
zSAVL	INT	4	(IBM name: R79BSAVL) Number of slots/sets available.
zSLBD	INT	4	(IBM name: R79BSLBD) Number of bad slots/sets.
zSUSE	INT	4	(IBM name: R79BSUSE) Number of samples that indicate ASM is using the data set.
zSIOS	INT	4	(IBM name: R79BSIOS) Number of SSCH instructions issued for the data set.
zREQS	INT	4	(IBM name: R79BREQS) Number of pages transferred to/from the data set.

SMF079#11_PGSP_Dataset.zFLG.<fieldname>

zBad	BIT	1	Indicates that the data set is bad
zPLPA	BIT	1	Indicates a pageable link pack area (PLPA) data set
zCommon	BIT	1	Indicates a common data set
zLocal	BIT	1	Indicates a local data set
zPaging	BIT	1	Indicates a paging data
zVIO	BIT	1	Indicates that the data set accepts VIO pages.

SMF079#11_PGSP_Dataset.<fieldname>

zDEV	INT	1	(IBM name: R79BDEV) Device type.
zDADR	CHAR	3	(IBM name: R79BDADR) Device number or 'UCB' for 4-digit device numbers.

zVSER	CHAR	6	(IBM name: R79BVSER) Volume serial number.
zDSN	CHAR	44	(IBM name: R79BDSN) Data set name.

SMF079#11_PGSP_Dataset.zFL2.<fieldname>

zAlternate	BIT	1	Alternate control unit device indicator
zzDEVN	BIT	1	zDEVN contains a valid device name
zSCM	BIT	1	Page space type SCM

SMF079#11_PGSP_Dataset.<fieldname>

zDEVN	CHAR	8	(IBM name: R79BDEVN) Device name (blank if device name cannot be determined).
zCU	CHAR	8	(IBM name: R79BCU) Control unit name (blank if control unit name cannot be determined).
zDVN	INT	2	(IBM name: R79BDVN) Device number (binary).
zSCS	INT	1	(IBM name: R79BSCS) Subchannel set ID.

Record Type 79 Subtype 12 - Channel Path Activity

Primary Segment:

- SMF079#12_RMF_Channel_Path

Secondary Segment(s): 8 (in alphabetical order)

- SMF079#12_CP_Control
- SMF079#12_CP_Data
- SMF079#12_CPMF_Channel_Measurement_1
- SMF079#12_CPMF_Channel_Measurement_2
- SMF079#12_CPMF_Channel_Measurement_3
- SMF079#12_CPMF_Extended
- SMF079#12_Monitor_II_Control
- SMF079#12_Product

Primary segment: SMF079#12_RMF_Channel_Path

Field Name	Type	Len	Description
SMF079#12_RMF_Channel_Path.<fieldname>			
SMF079#12_RMF_Channel_Path.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	

			(IBM name: SMF79ASL) Length of data section.
zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.
zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#12_Product**

Field Name	Type	Len	Description
<i>SMF079#12_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#12_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#12_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000tttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050

			to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF079#12_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#12_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#12_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
------	-----	---	--

zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#12_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF079#12_Monitor_II_Control

Field Name	Type	Len	Description
SMF079#12_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#12_Monitor_II_Control.zLF2.<fieldname>

zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#12_Monitor_II_Control.<fieldname>

zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	

			(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.
zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: SMF079#12_CP_Control

Field Name	Type	Len	Description
<i>SMF079#12_CP_Control.<fieldname></i>			
zSMP	INT	4	(IBM name: R79CSMP) Number of samples as weighted by SRM. Only valid if bit 5 0F zFLG1 is not set.

<i>SMF079#12_CP_Control.zFLG1.<fieldname></i>			
zCPMFavail	BIT	1	CPMF (channel path measurement facility) available
zChg	BIT	1	Configuration changed. Used to decide whether to provide the text 'POR' or 'ACTIVATE' on reports. Also used to check whether data can be combined in a duration report.
zDCM	BIT	1	DCM supported by hardware
zDCMchann	BIT	1	Configuration contains DCM managed channels
zRMFNA	BIT	1	RMF address space not active
zMLCS	BIT	1	Hardware allows multiple logical channel subsystems
zECMF	BIT	1	Enhanced channel path measurement facility available

<i>SMF079#12_CP_Control.<fieldname></i>			
zCMI	INT (ENUM)	1	(IBM name: R79CCMI) CPMF mode.
zCFRC	INT	4	(IBM name: R79CCFRC) CPMF (channel path measurement facility) restart count. 12 12 zCFSC 4 BINARY CPMF (channel path measurement facility) sample count.
zCSS	INT	1	(IBM name: R79CCSS) Channel subsystem ID. Only valid if bit 5 0F zFLG1 is set.

Secondary segment: SMF079#12_CP_Data

Field Name	Type	Len	Description
<i>SMF079#12_CP_Data.<fieldname></i>			
zCPID	INT	1	(IBM name: R79CCPID) Channel path identification. The range of values is X'00' to X'FF'.

SMF079#12_CP_Data.zFG2.<fieldname>			
zBlockMP	BIT	1	Block multiplexor
zByteMP	BIT	1	Byte multiplexor
zESconv	BIT	1	ES conversion channel
zESconn	BIT	1	ES connection channel
zESdir	BIT	1	ES connection director attached to channel path
zCTC	BIT	1	CTC adapter.

SMF079#12_CP_Data.zFG3.<fieldname>			
zCPShr	BIT	1	Channel path is shared between logical partitions
zCPMF	BIT	1	CPMF (channel path measurement facility) indicator, this entry is not valid
zCv3090	BIT	1	Channel converter 3090
zDCM	BIT	1	Channel path is DCM managed
zChg	BIT	1	Channel characteristics changed
zCPExt	BIT	1	Extended channel path measurements are supported

SMF079#12_CP_Data.<fieldname>			
zCPD	INT	1	(IBM name: R79CCPD) Channel path description. For an explanation, you can issue the command D M=CHP.
zBSY	INT	4	(IBM name: R79CBSY) Number of samples in which the channel path was busy, weighted by SRM.
zPBY	INT	4	(IBM name: R79CPBY) Channel-path-busy time of the partition since the last interval in units of 128 MICROSECONDS.
zCPTS	INT	3	(IBM name: R79CCPTS) Last CPMB (channel path measurement block) entry time stamp in units of 128 MICROSECONDS. This value wraps approximately every 35.79 minutes.
zACR	CHAR	5	(IBM name: R79CACR) Channel path acronym.
zCMG	INT	1	(IBM name: R79CCMG) CPMF Channel measurement group.
zFG4	INT	1	CPMF validation flags - each bit (if on) indicates that the corresponding measurement data is available and valid. This refers to the first five words of the channel measurement data in field zCCM.
zCPP	INT	1	(IBM name: R79CCPP) Channel path parameter.
zCCM	HEX	48	(IBM name: R79CCCM) CPMF Channel measurement data (extended mode). The contents of this field is different for each measurement group, as described in the following tables.
zGEN	INT	1	(IBM name: R79CGEN) Channel type generation.
zCCMX	HEX	32	(IBM name: R79CCMX) CPMF measurement data. This field is only available for measurement group 2.

Secondary segment: **SMF079#12_CPMF_Channel_Measurement_1**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF079#12_CPMF_Channel_Measurement_1.<fieldname>			
zTUT	INT	4	(IBM name: R79CTUT) Total channel path busy time (in units of 128 MICROSECONDS).
zPUT	INT	4	(IBM name: R79CPUT) LPAR channel path busy time (in units of 128 MICROSECONDS).

Secondary segment: SMF079#12_CPMF_Channel_Measurement_2

Field Name	Type	Len	Description
SMF079#12_CPMF_Channel_Measurement_2.<fieldname>			
zMBC	INT	4	(IBM name: R79CMBC) Maximum bus cycles per second.
zMCU	INT	4	(IBM name: R79CMCU) Maximum channel work units per second.
zMWU	INT	4	(IBM name: R79CMWU) Maximum WRITE data units per second.
zMRU	INT	4	(IBM name: R79CMRU) Maximum READ data units per second.
zUS	INT	4	(IBM name: R79CUS) Data unit size (in bytes).
zTBC	INT	4	(IBM name: R79CTBC) Total bus cycles count.
zTUC	INT	4	(IBM name: R79CTUC) Total channel work unit count.
zPUC	INT	4	(IBM name: R79CPUC) LPAR channel work units count.
zTWU	INT	4	(IBM name: R79CTWU) Total WRITE data units count.
zPWU	INT	4	(IBM name: R79CPWU) LPAR WRITE data units count.
zTRU	INT	4	(IBM name: R79CTRU) Total READ data units count.
zPRU	INT	4	(IBM name: R79CPRU) LPAR READ data units count.

Secondary segment: SMF079#12_CPMF_Channel_Measurement_3

Field Name	Type	Len	Description
SMF079#12_CPMF_Channel_Measurement_3.<fieldname>			
zPDU	INT	4	(IBM name: R79CPDU) LPAR data unit size (in bytes).
zTDU	INT	4	(IBM name: R79CTDU) Total data unit size (in bytes).
zPUM	INT	4	(IBM name: R79CPUM) LPAR message sent unit size (in bytes)
zTUM	INT	4	(IBM name: R79CTUM) Total message sent unit size (in bytes)
zPMS	INT	4	(IBM name: R79CPMS) LPAR count of message sent units.
zTMS	INT	4	(IBM name: R79CTMS) Total count of message sent units.

zPUS	INT	4	(IBM name: R79CPUS) LPAR count of unsuccessful attempts to send messages.
zPUB	INT	4	(IBM name: R79CPUB) LPAR count of unsuccessful attempts to receive messages due to unavailable buffers.
zTUB	INT	4	(IBM name: R79CTUB) Total count of unsuccessful attempts to receive messages due to unavailable buffers.
zPDS	INT	4	(IBM name: R79CPDS) LPAR count of data units sent.
zTDS	INT	4	(IBM name: R79CTDS) Total count of data units sent.

Secondary segment: **SMF079#12_CPMF_Extended**

Field Name	Type	Len	Description
<i>SMF079#12_CPMF_Extended.<fieldname></i>			
zXOC	INT	4	(IBM name: R79CXOC) Total number of FICON command-mode operations (CPC) that have been attempted by the channel.
zXOD	INT	4	(IBM name: R79CXOD) Total number of FICON command-mode operations (CPC) that could not be initiated by the channel because of a lack of available resources.
zXOS	INT	8	(IBM name: R79CXOS) Summation count of FICON command-mode operations (CPC). Each time the number of FICON command-mode operations is incremented, the number of FICON command-mode operations active at the channel, including the one being initiated, is added to this field.
zXTC	INT	4	(IBM name: R79CXTC) Total number of FICON transport-mode operations (CPC) that have been attempted by the channel. Zero when zHPF is not available.
zXTD	INT	4	(IBM name: R79CXTD) Total number of FICON transport-mode operations (CPC) that could not be initiated by the channel because of a lack of available resources. Zero when zHPF is not available.
zXTS	INT	8	(IBM name: R79CXTS) Summation count of FICON transport-mode operations (CPC). Each time the number of FICON transport-mode operations is incremented, the number of transport-mode operations active at the channel, including the one being initiated, is added to this field. Zero when zHPF is not available.

Record Type 79 Subtype 12 - Channel Path Activity

Primary Segment:

- SMF079#14_RMF_IO_Queueing

Secondary Segment(s): 6 (in alphabetical order)

- SMF079#14_IOQ_Config_Data
- SMF079#14_IOQ_Control
- SMF079#14_IOQ_Data
- SMF079#14_IOQ_Global
- SMF079#14_Monitor_II_Control
- SMF079#14_Product

Primary segment: SMF079#14_RMF_IO_Queueing

Field Name	Type	Len	Description
SMF079#14_RMF_IO_Queueing.<fieldname>			
SMF079#14_RMF_IO_Queueing.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zMCS	INT	4	(IBM name: SMF79MCS) Offset to Monitor II control section from start of record, including record descriptor word (RDW).
zMCL	INT	2	(IBM name: SMF79MCL) Length of Monitor II control section.
zMCN	INT	2	(IBM name: SMF79MCN) Number of Monitor II control sections.
zASS	INT	4	(IBM name: SMF79ASS) Offset to data section from start of record, including record descriptor word (RDW).
zASL	INT	2	(IBM name: SMF79ASL) Length of data section.

zASN	INT	2	(IBM name: SMF79ASN) Number of data sections.
zDCS	INT	4	(IBM name: SMF79DCS) Offset to control section from start of record, including record descriptor word (RDW).
zDCL	INT	2	(IBM name: SMF79DCL) Length of control section.
zDCN	INT	2	(IBM name: SMF79DCN) Number of control sections.
zQSS	INT	4	(IBM name: SMF79QSS) Offset to Input/Output Queue (IOQ) queuing control from start of record, including record descriptor word (RDW).
zQSL	INT	2	(IBM name: SMF79QSL) Length of Input/Output Queue (IOQ) global section.
zQSN	INT	2	(IBM name: SMF79QSN) Number of Input/Output Queue (IOQ) global sections. Individual header extension for SubType 15:

Secondary segment: **SMF079#14_Product**

Field Name	Type	Len	Description
<i>SMF079#14_Product.<fieldname></i>			
zMFV	DEC	2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0ccyddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmssttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

<i>SMF079#14_Product.zFLA.<fieldname></i>			
zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

<i>SMF079#14_Product.<fieldname></i>			
zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	

			(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF079#14_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#14_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.
zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#14_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	

			(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#14_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF079#14_Monitor_II_Control

Field Name	Type	Len	Description
SMF079#14_Monitor_II_Control.<fieldname>			
zGTOD	DEC	4 (7,0)	(IBM name: R79GTOD) Time when the call to data gatherer was issued, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.

SMF079#14_Monitor_II_Control.zLF2.<fieldname>

zInComplete	BIT	1	Not enough relocate data sections to complete data gathering
zSortSTG	BIT	1	Report will be sorted by storage group
zBadRSM	BIT	1	Incorrect RSM data obtained
zBadTrans	BIT	1	Invalid transaction data
zSRMMode	BIT	1	SRM mode changed
zBadMonI	BIT	1	Invalid data from Monitor I (DEV PGSP IOQ).
zActiveDevs	BIT	1	Incomplete device data due to too many active devices in the system.

SMF079#14_Monitor_II_Control.<fieldname>

zSES	CHAR	2	(IBM name: R79SES) RMF session identifier.
zRID	CHAR	8	(IBM name: R79RID) Measurement name.
zCTXTL	INT	2	(IBM name: R79CTXTL) Length of command text.
zCTEXT	CHAR	32	(IBM name: R79CTEXT) Text of command.
zDTXTL	INT	2	

			(IBM name: R79DTXTL) Length of data reporter default text.
zDTEXT	CHAR	32	(IBM name: R79DTEXT) Default data reporter text.
zIST	CHAR	4	(IBM name: SMF79IST) Monitor I internal start time, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zTSR	INT	2	(IBM name: R79TSR) Total number of small records.
zTOT	INT	4	(IBM name: R79TOT) Total number of data sections in large record.
zNXT	INT	4	(IBM name: R79NXT) Number of data sections in following small records.
zIWMTK	CHAR	8	(IBM name: R79IWMTK) Token returned from IWMRCOLL service.

Secondary segment: **SMF079#14_IOQ_Global**

Field Name	Type	Len	Description
<i>SMF079#14_IOQ_Global.<fieldname></i>			
<i>SMF079#14_IOQ_Global.zGFLG.<fieldname></i>			
zInvalid	BIT	1	Data is invalid due to failure of the channel measurement facility
zDiagFail	BIT	1	Diagnose interface failure
zESCON	BIT	1	ESCON director in the configuration
zCHSC	BIT	1	CHSC store secondary queue data not supported
zDCM	BIT	1	DCM is supported by hardware
zDCMMgd	BIT	1	Configuration contains DCM managed channels
zResponse	BIT	1	Measurement of initial command response time supported
zFTRD	BIT	1	FIRST-TRANSFER-READY-DISABLED data available
<i>SMF079#14_IOQ_Global.<fieldname></i>			
zGSMP	INT	4	(IBM name: R79EGSMP) Number of RMF samples for store secondary queue data

Secondary segment: **SMF079#14_IOQ_Control**

Field Name	Type	Len	Description
<i>SMF079#14_IOQ_Control.<fieldname></i>			
zID1	CHAR	2	(IBM name: R79EID1) Logical control unit identifier.
zNTR	INT	2	(IBM name: R79ENTR) Number of triplets following.
zCPDS	INT	4	(IBM name: R79ECPDS) Offset to I/O Queuing Configuration data section (relative to beginning of I/O Queuing Configuration control section).
zCPDL	INT	2	(IBM name: R79ECPDL) Length of I/O Queuing Configuration data section.
zCPDN	INT	2	(IBM name: R79ECPDN) Number of I/O Queuing Configuration data sections for the LCU.

Secondary segment: **SMF079#14_IOQ_Config_Data**

Field Name	Type	Len	Description
SMF079#14_IOQ_Config_Data.<fieldname>			
zCPID	INT	1	(IBM name: R79ECPID) Channel path identifier.
SMF079#14_IOQ_Config_Data.zCPST.<fieldname>			
zCPInst	BIT	1	Channel path installed
zCPOnline	BIT	1	Channel path online
zCPVaried	BIT	1	Channel path varied
zCPOffline	BIT	1	Channel path offline to all devices of the LCU
zCPVary	BIT	1	Channel path connection to all devices of the LCU altered by VARY PATH command during interval
zCPDCM	BIT	1	Channel path is DCM managed
zCPReset	BIT	1	CHPID manipulated, requiring data reset
SMF079#14_IOQ_Config_Data.<fieldname>			
zCUN	INT	2	(IBM name: R79ECUN) Number of control units attached.
zCU1	INT	2	(IBM name: R79ECU1) First control unit identifier.
zCU2	INT	2	(IBM name: R79ECU2) Second control unit identifier.
zCU3	INT	2	(IBM name: R79ECU3) Third control unit identifier.
zCU4	INT	2	(IBM name: R79ECU4) Fourth control unit identifier.
zCUB	INT	4	(IBM name: R79ECUB) Number of initial selection attempts that were unsuccessful because the control unit was busy.
zPT	INT	4	(IBM name: R79EPT) Number of I/O operations accepted on this channel path.
zDPBC	INT	4	(IBM name: R79EDPBC) Number of initial selection attempts that were unsuccessful because the director port was busy.
zCBT	INT	4	(IBM name: R79ECBT) Control unit busy delay time.
zCMR	INT	4	(IBM name: R79ECMR) Initial command response time.
zSBS	INT	4	(IBM name: R79ESBS) Switch busy count summation. contains the switch busy counts received for all partitions.
zCPXF	INT	1	Channel path extended flags
zCPAT	INT	1	(IBM name: R79ECPAT) Path attributes Value Meaning 0 NOT specified for this path. 1 PREFERRED path. 2 NON-PREFERRED path.
zCTMW	INT	4	(IBM name: R79ECTMW) Transport mode write count
zCTRD	INT	4	(IBM name: R79ECTR) First-transfer-ready-disabled write count

Secondary segment: **SMF079#14_IOQ_Data**

Field Name	Type	Len	Description
<i>SMF079#14_IOQ_Data.<fieldname></i>			
zID2	CHAR	2	(IBM name: R79EID2) Logical control unit identifier.
<i>SMF079#14_IOQ_Data.zDST.<fieldname></i>			
zNA	BIT	1	No hardware measurements available
zDCM	BIT	1	LCU contains DCM managed channels
zPathValid	BIT	1	Path attributes are valid.
<i>SMF079#14_IOQ_Data.<fieldname></i>			
zQSM	INT	4	(IBM name: R79EQSM) Accumulated length of CU-HDR queue.
zQCT	INT	4	(IBM name: R79EQCT) Number of entries placed on the CU-HDR queue.
zMCMN	INT	2	(IBM name: R79EMCMN) Minimum number of DCM managed channels used.
zMCMX	INT	2	(IBM name: R79EMCMX) Maximum number of DCM managed channels used.
zMCDF	INT	2	(IBM name: R79EMCDF) Defined number of DCM managed channels.
zPTM	INT	4	(IBM name: R79EPTM) Accumulated path taken count for DCM managed channels.
zDPBM	INT	4	(IBM name: R79EDPBM) Accumulated director port busy count for DCM managed channels.
zCUBM	INT	4	(IBM name: R79ECUBM) Accumulated control unit busy count for DCM managed channels.
zCBTM	INT	4	(IBM name: R79ECBTM) Accumulated control unit busy delay time for DCM managed channels.
zCMRM	INT	4	(IBM name: R79ECMRM) Accumulated initial command response time for DCM managed channels.
zSBSM	INT	4	(IBM name: R79ESBSM) Accumulated switch busy count summation for DCM managed channels.
zTMWM	INT	4	(IBM name: R79ETMWM) Accumulated transport mode write count for DCM managed channels
zTRDM	INT	4	(IBM name: R79ETRDM) Accumulated first-transfer-ready-disabled write count for DCM managed channels
zCSST	INT	4	(IBM name: R79ECSST) Channel subsystem wait time.

Record Type 79 Subtype 15 - IRLM Long Lock Detection

Primary Segment:

- SMF079#15_RMF_IRLM_Long_Lock_Detection

Secondary Segment(s): 2 (in alphabetical order)

- SMF079#15_IMS_Long_Lock
- SMF079#15_Product

Primary segment: SMF079#15_RMF_IRLM_Long_Lock_Detection

Field Name	Type	Len	Description
SMF079#15_RMF_IRLM_Long_Lock_Detection.<fieldname>			
SMF079#15_RMF_IRLM_Long_Lock_Detection.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF79FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF79RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SMF79TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF79SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF79SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF79STY) Record SubType.
zTRN	INT	2	(IBM name: SMF79TRN) Number of triplets in this record. A triplet is a set of three SMF fields (offset/length/number values) that defines a section of the record.
zPRS	INT	4	(IBM name: SMF79PRS) Offset to RMF Product section from start of record, including record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF79PRL) Length of RMF Product section.
zPRN	INT	2	(IBM name: SMF79PRN) Number of RMF Product sections. Individual header extension for SubTypes 1 - 14:
zFPO	INT	4	(IBM name: SMF79FPO) Offset to IMS Long Lock data section.
zFPL	INT	2	(IBM name: SMF79FPL) Length of IMS Long Lock data section.
zFPN	INT	2	(IBM name: SMF79FPN) Number of IMS Long Lock data sections.

Secondary segment: SMF079#15_Product

Field Name	Type	Len	Description
SMF079#15_Product.<fieldname>			
zMFV	DEC		

		2 (3,0)	(IBM name: SMF79MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF79PRD) Product name ('RMF').
zIST	DEC	4 (7,0)	(IBM name: SMF79IST) Time that the RMF measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF79DAT) Date when the RMF measurement interval started, in the form 0cyydddF.
zINT	DEC	4 (7,0)	(IBM name: SMF79INT) Duration of the RMF measurement interval, in the form mmsstttF where mm is the minutes, ss is the seconds, tt is the milliseconds, and F is the sign. (The end of the measurement interval is the sum of the recorded start time and this field.)
zSAM	INT	4	(IBM name: SMF79SAM) Number of RMF samples.

SMF079#15_Product.zFLA.<fieldname>

zSkip	BIT	1	Samples have been skipped
zMonIII	BIT	1	RECORD was written by RMF Monitor III
zSyncSMF	BIT	1	INTERVAL was synchronized with SMF
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

SMF079#15_Product.<fieldname>

zCYC	DEC	4 (7,0)	(IBM name: SMF79CYC) Sampling cycle length, in the form 000ttttF, where tttt is the milliseconds and F is the sign (taken from CYCLE option). The range of values is 0.050 to 9.999 seconds.
zMVS	CHAR	8	(IBM name: SMF79MVS) z/OS software level (consists of an acronym and the version, release, and modification level - ZVvrrmm).
zIML	INT	1	(IBM name: SMF79IML) Indicates the type of processor complex on which data measurements were taken. Value Meaning 3 9672, zSeries

SMF079#15_Product.zPRF.<fieldname>

zExpStg	BIT	1	The system has expanded storage
zESCA	BIT	1	The processor is enabled for ES connection architecture (ESCA)
zESCdir	BIT	1	There is an ES connection director in the configuration
zzArc	BIT	1	System is running in z/Architecture® mode
zZAAP	BIT	1	At least one zAAP is currently installed
zZIIP	BIT	1	At least one zIIP is currently installed
zDAT	BIT	1	Enhanced DAT facility

SMF079#15_Product.<fieldname>

zPTN	INT	1	(IBM name: SMF79PTN) PR/SM partition number of the partition that wrote this record.
zSRL	INT	1	(IBM name: SMF79SRL) SMF record level change number (X'8E' for subtype 1 records or X'8F' for subtype 2 records for z/OS V2R4 RMF with RMF Data Gatherer APAR OA59330). This field enables processing of SMF record level changes in an existing release.

zIET	HEX	8	(IBM name: SMF79IET) Interval expiration time token. This token can be used to identify other than RMF records that belong to the same interval (if interval was synchronized with SMF).
zLGO	TIME	8	(IBM name: SMF79LGO) Offset GMT to local time (STCK format).
zRAO	INT	4	(IBM name: SMF79RAO) Offset to reassembly area relative to start of RMF product section.
zRAL	INT	2	(IBM name: SMF79RAL) Length of reassembly area. Area consists of a fixed header and a variable number of information blocks. Length depends on the record type/SubType, but is fixed for a specific type/SubType.
zRAN	INT	2	(IBM name: SMF79RAN) Reassembly area indicator. Value Meaning 0 RECORD is not broken. 1 RECORD is broken. Note: This field is used to indicate whether an SMF record is a broken record. Therefore, offset (SMF70RAO) and length (SMF70RAL) are only valid if SMF70RAN = 1. A reassembly area is only present in broken records.
zOIL	INT	2	(IBM name: SMF79OIL) Original interval length as defined in the session or by SMF (in seconds).
zSYN	INT	2	(IBM name: SMF79SYN) SYNC value in seconds.
zGIE	TIME	8	(IBM name: SMF79GIE) Projected gathering interval end (STCK format) GMT time.
zXNM	CHAR	8	(IBM name: SMF79XNM) Sysplex name as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF79SNM) System name for current system as defined in parmlib member IEASYSxx SYSNAME parameter. Reassembly Area:

SMF079#15_Product.Reassembly_Area.<fieldname>

zRBR	INT	2	(IBM name: SMF79RBR) Total number of broken records built from the original large record.
zRSQ	INT	2	(IBM name: SMF79RSQ) Sequence number of this broken record. Every broken record built from the same large record must have a unique sequence number, it is in the range from 1 TO SMF70RBR.
zRIO	INT	4	(IBM name: SMF79RIO) Offset to first reassembly information block relative to start of reassembly area header.
zRIL	INT	2	(IBM name: N/A) Length of reassembly information block.
zRIN	INT	2	(IBM name: SMF79RIN) Number of reassembly information blocks (same value as SMF70TRN in header section).

SMF079#15_Product.Reassembly_Area.Reassembly_Info.<fieldname>

zRNN	INT	2	(IBM name: SMF79RNN) Total number of sections in the original large record. This field contains information of how many sections of a specific type were contained in the original SMF record. This field is a copy of the number field of the triplet in the original (non broken) record.
zRPP	INT	2	(IBM name: SMF79RPP) Position of the first of one or more consecutive sections described by this block as in the original record. Values in the range of 1 TO SMF70RNN are valid for correct processing. A value of 0 WILL skip processing of this information block. This field provides information where the sections that are part of this broken record were placed in the original record before the split took place. The actual number of consecutive sections contained in this record is available from the actual triplet in the header extension.

Secondary segment: SMF079#15_IMS_Long_Lock

Field Name	Type	Len	Description
<i>SMF079#15_IMS_Long_Lock.<fieldname></i>			
zISTN	CHAR	16	(IBM name: R79FISTN) IRLM lock structure name.
zDLKC	INT	4	(IBM name: R79FDLKC) Dead lock cycle number.
zETYP	CHAR	1	(IBM name: R79FETYP) 'B'=Blocker / 'W'=Waiter.
zIMSI	CHAR	8	(IBM name: R79FIMSI) IMS subsystem ID.
zPSTN	CHAR	2	(IBM name: R79FPSTN) PST number.
zPSBN	CHAR	8	(IBM name: R79FPSBN) PSB name.
zRGTY	CHAR	1	(IBM name: R79FRGTY) Region type.
zRCVT	CHAR	16	(IBM name: R79FRCVT) Recovery token.
zCTID	CHAR	8	(IBM name: R79FCTID) CICS task ID (if CICS).
zLHTI	TIME	8	(IBM name: R79FLHTI) Scheduled elapsed time (TOD format).
zLHCN	INT	4	(IBM name: R79FLHCN) Max lock held.
zLKNA	CHAR	16	(IBM name: R79FLKNA) Lock name.
zTRNM	CHAR	8	(IBM name: R79FTRNM) Transaction name / Job name.
zRSNA	CHAR	8	(IBM name: R79FRSNA) Resource (DB/Area) name.

Record Type 80 - Security Product Processing

SMF Record 80 (Security Product Processing) is mapped by structure member "T080".

Primary Segment:

- [SMF080_Security_Product_Processing](#)

Secondary Segment(s): 268 (in alphabetical order)

- [SMF080_Access_Allowed](#)
- [SMF080_Access_Criteria](#)
- [SMF080_Access_Type](#)
- [SMF080_Action_Comment](#)
- [SMF080_Add_Category_Name](#)
- [SMF080_Add_Security_Label](#)
- [SMF080_Add_Volume](#)
- [SMF080_Application_Data](#)
- [SMF080_Audit_Function_Code](#)
- [SMF080_Audit_Link_Value](#)
- [SMF080_Audit_Record_Client_Server_Link](#)
- [SMF080_Audit_Record_Link_Key](#)
- [SMF080_Auth_or_Define_Application](#)
- [SMF080_Auth_or_Define_OldVol](#)
- [SMF080_Auth_or_Define_Volume](#)
- [SMF080_Auth_Access_Allowed](#)
- [SMF080_Auth_Access_Requested](#)
- [SMF080_Auth_Distributed_identity_Registry](#)
- [SMF080_Auth_Distributed_identity_User](#)
- [SMF080_Auth_Resource_Name](#)
- [SMF080_Auth_User](#)
- [SMF080_Auth_User_Host](#)
- [SMF080_Auth_User_Mechanism_OID](#)
- [SMF080_Auth_User_Registry](#)
- [SMF080_Authority_Information_Access](#)
- [SMF080_Automatically_Updated_Profile](#)
- [SMF080_Automatically_Updated_Profile_Class](#)
- [SMF080_Automatically_Updated_Profile_Data](#)
- [SMF080_AutoRenew_Exit_Path](#)
- [SMF080_ACEE_Type](#)
- [SMF080_ACEE_Type_X](#)
- [SMF080_ACEE_User_Name](#)
- [SMF080_ACL_Entry_Identifier](#)
- [SMF080_ACL_Type](#)
- [SMF080_ADDGROUP_RACF_Command_Data](#)
- [SMF080_ADDMEM_Resource](#)
- [SMF080_ADDSD_RACF_Command_Data](#)
- [SMF080_ADDUSER_RACF_Command_Data](#)
- [SMF080_ALTDSD_RACF_Command_Data](#)
- [SMF080_ALTGROUPO_RACF_Command_Data](#)
- [SMF080_ALTNAME_Domain](#)
- [SMF080_ALTNAME_Email](#)
- [SMF080_ALTNAME_IP_Address](#)
- [SMF080_ALTNAME_URI](#)
- [SMF080_ALTUSER_RACF_Command_Data](#)
- [SMF080_Certificate_Action](#)
- [SMF080_Certificate_Issuer](#)
- [SMF080_Certificate_Policies](#)
- [SMF080_Certificate_Requester](#)
- [SMF080_Certificate_Revocation_Reason](#)
- [SMF080_Certificate_Serial_Number](#)
- [SMF080_Certificate_Serial_Number_Prev](#)
- [SMF080_Certificate_Status](#)
- [SMF080_Certificate_Usage](#)
- [SMF080_Check_File_Name](#)
- [SMF080_Class](#)
- [SMF080_ClassAct](#)
- [SMF080_Clauth](#)
- [SMF080_Command_Segment_Data](#)
- [SMF080_Count_Of_Approvals_Performed](#)
- [SMF080_Creation_Date](#)
- [SMF080_Critical_Extensions](#)
- [SMF080_Customized_Extension](#)
- [SMF080_CONNECT_RACF_Command_Data](#)
- [SMF080_CRITERIA](#)
- [SMF080_CRL_Date_Of_Issue](#)
- [SMF080_CRL_Date_Of_Publish](#)
- [SMF080_CRL_Expiration_Date](#)

- SMF080_CRL_Expiration_Time
- SMF080_CRL_Issuing_Distribution_Point_DN
- SMF080_CRL_Issuing_Distribution_Point_URI
- SMF080_CRL_Time_Of_Issue
- SMF080_CRL_Time_Of_Publish
- SMF080_Dataset_Level
- SMF080_DataPut_DataAlter_Notrust_Attributes
- SMF080_DataPut_HighTrust_Attributes
- SMF080_DataPut_Trust_Attributes
- SMF080_DataRemove_Delete_Attributes
- SMF080_DataRemove_Delete_Attributes_GENREQ
- SMF080_DataRemove_Delete_Attributes_Ring
- SMF080_Defaults
- SMF080_Define_Model_Resource
- SMF080_Define_Model_Resource_Volume
- SMF080_Define_New_Dataset_Name
- SMF080_Delete_Category_Name
- SMF080_Delete_Security_Label
- SMF080_Delete_Volume
- SMF080_Directed_Userid
- SMF080_DATASET
- SMF080_DELDSD_RACF_Command_Data
- SMF080_DELGROU_P_RACF_Command_Data
- SMF080_DELMEM_Resource
- SMF080_DELUSER_RACF_Command_Data
- SMF080_Effective_ACL_Entry
- SMF080_Extended_length_relocate_section
- SMF080_Extended_KeyUsage
- SMF080_File_or_ISP_Mode
- SMF080_File_Identifier_1
- SMF080_File_Identifier_2
- SMF080_File_Owner_Group
- SMF080_File_Owner_User
- SMF080_Filepool
- SMF080_Filespace
- SMF080_FingerPrint_Before
- SMF080_FingerPrint_Issuer
- SMF080_FingerPrint_Subject
- SMF080_From_ResourceName
- SMF080_FASTAUTH_Information
- SMF080_FClass
- SMF080_Generic_Class
- SMF080_Generic_Resource
- SMF080_GenCmd_Class
- SMF080_Global_Class
- SMF080_GENLIST_Class
- SMF080_HostIDMappings_Extension_Data
- SMF080_Inode
- SMF080_Input_Parameter_GID
- SMF080_Input_Parameter_UID
- SMF080_Installation_Defined_Data
- SMF080_Issuer_Distinguished_Name
- SMF080_IDNFILTER
- SMF080_IPC_ID
- SMF080_IPC_Key
- SMF080_IPC_Key_Creator_GID
- SMF080_IPC_Key_Creator_UID
- SMF080_Kerberos_KDC_Status_Code
- SMF080_Kerberos_Login_Request_Source
- SMF080_Kerberos_Principal_Name
- SMF080_Key_Algorithm
- SMF080_Key_ID
- SMF080_Key_Size
- SMF080_Kill_Signal_Code
- SMF080_Last_Link_Deleted
- SMF080_Last_Modified
- SMF080_Log_String
- SMF080_LOGOPTIONS_Class
- SMF080_Model_Name
- SMF080_Module_Certificate_Chain_Expiry
- SMF080_Module_Signed_Date
- SMF080_Module_Signed_Time
- SMF080_Mounted_File_System_DSN
- SMF080_Multifactor_Auth_Authentication
- SMF080_Multifactor_Auth_Factor
- SMF080_Multifactor_Auth_Policy
- SMF080_Multifactor_Auth_Subkeyword
- SMF080_Multifactor_Auth_TAGS
- SMF080_MAP_USERIDFILTER
- SMF080_New_Audit_Options

- SMF080_New_ACL_Entry_Add_And_Modify
- SMF080_New_Effective_UNIX_GID
- SMF080_New_Effective_UNIX_UID
- SMF080_New_Mode
- SMF080_New_Real_UNIX_GID
- SMF080_New_Real_UNIX_UID
- SMF080_New_Saved_UNIX_GID
- SMF080_New_Saved_UNIX_UID
- SMF080_NewRing_Reuse_Attributes
- SMF080_Non_BASE_Segment_or_Directed_Data
- SMF080_Not_Auth_Job_Name
- SMF080_Notify_Email_Address
- SMF080_Old_Audit_Options
- SMF080_Old_ACL_Entry_Modify_And_Delete
- SMF080_Old_Effective_UNIX_GID
- SMF080_Old_Effective_UNIX_UID
- SMF080_Old_Mode
- SMF080_Old_Real_UNIX_GID
- SMF080_Old_Real_UNIX_UID
- SMF080_Old_Saved_UNIX_GID
- SMF080_Old_Saved_UNIX_UID
- SMF080_Owner_GID
- SMF080_Owner_UID
- SMF080_Partitioned_Dataset
- SMF080_Password
- SMF080_Path_Name_Flag
- SMF080_Path_Name_1
- SMF080_Path_Name_2
- SMF080_Permit_Entities
- SMF080_Permit_Ids
- SMF080_Permit_Volume
- SMF080_Policy_Director_Credential
- SMF080_Policy_Director_Permissions
- SMF080_Policy_Director_Principal_User
- SMF080_Policy_Director_Protected_Object
- SMF080_Policy_Director_Protection_Quality
- SMF080_Primary_User_For_Nested_ACEE
- SMF080_Principal_ID_String
- SMF080_Private_Key
- SMF080_Profile_Auto_Update
- SMF080_Profile_Owner
- SMF080_Program_Signer_Certificate
- SMF080_PASSWORD_RACF_Command_Data
- SMF080_PERMIT_RACF_Command_Data
- SMF080_PKDS_Label
- SMF080_R_PgmSignVer_Flags_Byte
- SMF080_R_PKISERV_target_Label
- SMF080_R_PKISERV_target_User
- SMF080_R_PKISERV_CertId
- SMF080_R_PKISERV_Flags_1
- SMF080_R_PKISERV_Flags_2
- SMF080_R_PKISERV_SignWith
- SMF080_Record_Link
- SMF080_Requested_Access
- SMF080_Requested_AltIPAddr
- SMF080_Requested_AltDomain
- SMF080_Requested_AltEmail
- SMF080_Requested_AltURI
- SMF080_Requested_Audit_Options
- SMF080_Requested_ALTNAME_OtherName
- SMF080_Requested_NotAfter
- SMF080_Requested_NotBefore
- SMF080_Requested_Subject_DN
- SMF080_Requester_Email
- SMF080_Required_Request_Approvals
- SMF080_Resource_Security_Token
- SMF080_ResourceName
- SMF080_Response_From_OCSP
- SMF080_Ring
- SMF080_Ring_Owner
- SMF080_Root_Signing_Certificate
- SMF080_RACDCERT_RACF_Command_Data
- SMF080_RACF_Database_Status
- SMF080_RACLINK_RACF_Command_Data
- SMF080_RACLIST_Class
- SMF080_RACMAP_RACF_Command_Data
- SMF080_RACMAP_REGISTRY
- SMF080_RALTER_RACF_Command_Data
- SMF080_RDEFINE_RACF_Command_Data
- SMF080_RDELETE_RACF_Command_Data

- SMF080_REMOVE_RACF_Command_Data
- SMF080_RVARY_RACF_Command_Data
- SMF080_Second_Filepool
- SMF080_Second_Filespace
- SMF080_Second_Inode
- SMF080_Second_SCID
- SMF080_Security_Label_Change_Link
- SMF080_Security_Label_Change_DSN
- SMF080_Server_Security_Label
- SMF080_Service_Processed
- SMF080_Signing_Algorithm
- SMF080_Source_Certificate_Label
- SMF080_Subject_Distinguished_Name
- SMF080_SymLink
- SMF080_SCID
- SMF080_SDNFILTER
- SMF080_SERVAUTH_Port_Of_Entry
- SMF080_SETROPTS_Audit_Class
- SMF080_SETROPTS_Class_Options
- SMF080_SETROPTS_RACF_Command_Data
- SMF080_SETROPTS_Stats_Class_Name
- SMF080_SUBJECTSDN_C
- SMF080_SUBJECTSDN_CN
- SMF080_SUBJECTSDN_L
- SMF080_SUBJECTSDN_O
- SMF080_SUBJECTSDN_OU
- SMF080_SUBJECTSDN_SP
- SMF080_SUBJECTSDN_T
- SMF080_Target_Effective_UNIX_GID
- SMF080_Target_Effective_UNIX_UID
- SMF080_Target_PID
- SMF080_Target_PKISERV_Certificate
- SMF080_Target_Real_UNIX_GID
- SMF080_Target_Real_UNIX_UID
- SMF080_Target_Saved_UNIX_GID
- SMF080_Target_Saved_UNIX_UID
- SMF080_Token
- SMF080_User_Security_Token
- SMF080_UserName
- SMF080_UNIX_Security

Primary segment: SMF080_Security_Product_Processing

Field Name	Type	Len	Description
<i>SMF080_Security_Product_Processing.<fieldname></i>			
<i>SMF080_Security_Product_Processing.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF80FLG) System indicator Bit Meaning 1. All ! when 1. All ! set 0-2 Reserved for IBM's use. 3MVS/ 0R54MVS/5MVS/6VS27RESERVED FOR IBM's use. Note: For MVS, bits 3, 4, 5, and 6 are on.
zRTY	INT	1	(IBM name: SMF80RTY) Record type: 80 (X'50').
zTME	TSTMP	8	(IBM name: SMF80TME) Date/Time that the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF80SID) System identification (from the SID parameter).

<i>SMF080_Security_Product_Processing.Header_Self_defining_Section.zDES.<fieldname></i>			
zViol	BIT	1	The event is a violation.
zNonRACFUser	BIT	1	User is not defined to RACF.
zHasVER	BIT	1	Record contains a version indicator (see See zVER).
zWarn	BIT	1	The event is a warning.
zHasVRM	BIT	1	Record contains a version,release, and modification level number (see zVRM).

<i>SMF080_Security_Product_Processing.Header_Self_defining_Section.zDES.zEVCODE.<fieldname></i>			
--	--	--	--

zEVT	INT	1	(IBM name: SMF80EVT) Event code.
zEVQ	INT	1	(IBM name: SMF80EVQ) Event code qualifier.

SMF080_Security_Product_Processing.Header_Self_defining_Section.zDES.zEVENT.<fieldname>

zEVENT_NAME	INT (ENUM)	1	(IBM name: N/A) Event name.
-------------	---------------	---	--------------------------------

SMF080_Security_Product_Processing.Header_Self_defining_Section.zDES.<fieldname>

zEVENT_QUAL	INT (ENUM)	2	Event qualifier description.
-------------	---------------	---	------------------------------

SMF080_Security_Product_Processing.Header_Self_defining_Section.<fieldname>

zUSERID	CHAR	8	(IBM name: SMF80USR) Identifier of the user associated with this event (jobname is used if the user is not defined to RACF).
zGRP	CHAR	8	(IBM name: SMF80GRP) Group to which the user was connected (stepname is used if the user is not defined to RACF).
zREL	INT	2	(IBM name: SMF80REL) Offset to the first relocate section from zFLG.
zCNT	INT	2	(IBM name: SMF80CNT) Count of the number of relocate sections.

SMF080_Security_Product_Processing.Header_Self_defining_Section.zATH.<fieldname>

zNormal	BIT	1	Normal authority check (resource access).
zSPECIAL	BIT	1	SPECIAL attribute (command processing).
zOPERATIONS	BIT	1	ROAUDIT attribute (command processing). OPERATIONS attribute (resource access, command processing).
zAUDITOR	BIT	1	AUDITOR attribute (command processing).
zExit	BIT	1	Installation exit processing (resource access).
zFailsoft	BIT	1	Failsoft processing (resource access).
zBYPASS	BIT	1	Bypassed-user id = *BYPASS* (resource access).
zTrusted	BIT	1	Trusted attribute (resource access).

SMF080_Security_Product_Processing.Header_Self_defining_Section.zREA.<fieldname>

zAudClass	BIT	1	SETROPTS AUDIT(class) changes to this class of profile are being audited.
zAudUser	BIT	1	User being audited.
zSPECIAL	BIT	1	SPECIAL or OPERATIONS user being audited.
zAudRes	BIT	1	Access to the resource is being audited due to the AUDIT option (specified when profile created or altered by a RACF command), a logging request from the RACROUTE REQUEST=AUTH exit routine, or because the operator granted access during failsoft processing.
zVERFail	BIT	1	RACROUTE REQUEST=VERIFY or initACEE failure.
zAudAlways	BIT	1	This command is always audited.
zViolation	BIT	1	Violation detected in command and CMDVIOL is in effect.
zGLOBALAUDIT	BIT	1	Access to entity being audited due to GLOBALAUDIT option.

SMF080_Security_Product_Processing.Header_Self_defining_Section.<fieldname>

zTLV	INT	1	(IBM name: SMF80TLV) Terminal level number of foreground user (zero if not available).
------	-----	---	---

SMF080_Security_Product_Processing.Header_Self_defining_Section.zERR.<fieldname>

zBackoutFailure	BIT	1	Command had error and RACF could not back out some changes
zNoProfUpd	BIT	1	No profile updates were made because of error in RACF processing

SMF080_Security_Product_Processing.Header_Self_defining_Section.<fieldname>

zTRM	CHAR	8	(IBM name: SMF80TRM) Terminal ID of foreground user (zero if not available).
zJOBNAME	CHAR	8	(IBM name: SMF80JBN) Job name. For RACROUTE REQUEST=VERIFY and REQUEST=DEFINE records for batch jobs, this field can be zero if the job name is not available at the time of the RACROUTE REQUEST=VERIFY or REQUEST=DEFINE.
zRST	TSTMP	8	(IBM name: SMF80RST) Date/Time that the reader recognized the JOB statement for this job. For RACROUTE REQUEST=VERIFY records for batch jobs, this field can be zero.
zUID	CHAR	8	(IBM name: SMF80UID) User identification field from the SMF common exit parameter area. For RACROUTE REQUEST=VERIFY records for batch jobs, this field can be zero.
zVER	INT	1	(IBM name: SMF80VER) Version indicator (8 = Version 1, Release 8 or later). As of RACF 1.8.1, SMF80VRM is used instead.

SMF080_Security_Product_Processing.Header_Self_defining_Section.zRE2.<fieldname>

zSecurity	BIT	1	Security level control for auditing.
zVMEVENT	BIT	1	VMEVENT auditing.
zLOGOPTIONS	BIT	1	Class being audited due to SETROPTS LOGOPTIONS.
zSECLABELAUDIT	BIT	1	Audited due to SETROPTS SECLABELAUDIT.
zCOMPATMODE	BIT	1	Entity audited due to SETROPTS COMPATMODE.
zAPPLAUDIT	BIT	1	Audited due to SETROPTS APPLAUDIT.
zUserNotUNIXDef	BIT	1	Audited because user not defined to z/OS UNIX
zUserNotUNIXAuth	BIT	1	Audited because user does not have appropriate authority for Z/OS UNIX

SMF080_Security_Product_Processing.Header_Self_defining_Section.<fieldname>

zVRM	CHAR	4	(IBM name: SMF80VRM) FMID for RACF 2020RACF 2.2 AND OS/390 SECURITY SERVER (RACF) V1R2 20300S/390 SECURITY SERVER (RACF) V1 R320400S/390 SECURITY SERVER (RACF) V2 R420600S/390 SECURITY SERVER (RACF) V2 R626080S/390 SECURITY SERVER (RACF) V2 R877030S/390 SECURITY SERVER (RACF) V2 R10 AND Z/OS Security Server (RACF) V1 R1 7705Z/OS SECURITY SERVER (RACF) V1 R27706Z/OS SECURITY SERVER (RACF) V1 R37707Z/OS SECURITY SERVER (RACF) V1 R47708Z/OS SECURITY SERVER (RACF) V1 R57709Z/OS SECURITY SERVER (RACF) V1 R67720Z/OS SECURITY SERVER (RACF) V1 R77730Z/OS SECURITY SERVER (RACF) V1 R87740Z/OS SECURITY SERVER (RACF) V1 R97750Z/OS SECURITY SERVER (RACF) V1 R107760Z/OS SECURITY SERVER (RACF) V1 R117770Z/OS SECURITY SERVER (RACF) V1 R127780Z/OS SECURITY SERVER (RACF) V1 R137790Z/OS SECURITY SERVER (RACF) V2 R177A0 z/OS Security Server (RACF) V2 R2 77B0 z/OS Security Server (RACF) V2 R3
zSEC	CHAR	8	(IBM name: SMF80SEC) Security label of the user.
zRL2	INT	2	(IBM name: SMF80RL2) Offset to extended-length relocate sections from SMF80FLG.
zCT2	INT	2	(IBM name: SMF80CT2) Count of extended-length relocate sections.

SMF080_Security_Product_Processing.Header_Self_defining_Section.zAU2.<fieldname>

zUNIXSuperUser	BIT	1	z/OS UNIX superuser (Both UID(0) and BPX.SUPERUSER)
----------------	-----	---	---

zUNIXSysFunc	BIT	1	z/OS UNIX system function
--------------	-----	---	---------------------------

Secondary segment: SMF080_Extended_length_relocate_section

Field Name	Type	Len	Description
<i>SMF080_Extended_length_relocate_section.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
zDA2	XVCHAR	0 32768	(IBM name: SMF80DA2) For description of the variable data elements of the relocate section, see z/OS Security Server RACF Macros and Interfaces.

Secondary segment: SMF080_Auth_Resource_Name

Field Name	Type	Len	Description
<i>SMF080_Auth_Resource_Name.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Auth_Resource_Name.zDTA.<fieldname></i>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) Resource name or old resource name (RACROUTE REQUEST=AUTH or RACROUTE REQUEST=DEFINE)

Secondary segment: SMF080_Define_New_Dataset_Name

Field Name	Type	Len	Description
<i>SMF080_Define_New_Dataset_Name.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Define_New_Dataset_Name.zDTA.<fieldname></i>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) New data set name (RACROUTE REQUEST=DEFINE)

Secondary segment: SMF080_Auth_Access_Requested

Field Name	Type	Len	Description
<i>SMF080_Auth_Access_Requested.<fieldname></i>			

zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Auth_Access_Requested.zDTA.<fieldname>			
zAUTHREQ	INT (ENUM)	1	(IBM name: N/A) Access authority requested: ALTER, CONTROL, UPDATE, READ, NONE or, for REQUEST=DIRAUTH only, WRITE or READWRITE.

Secondary segment: **SMF080_Auth_Access_Allowed**

Field Name	Type	Len	Description
SMF080_Auth_Access_Allowed.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Auth_Access_Allowed.zDTA.<fieldname>			
zAUTHALLOW	INT (ENUM)	1	(IBM name: N/A) Access authority allowed for a RACROUTE REQUEST other than DIRAUTH: ALTER, CONTROL, UPDATE, READ, NONE or EXECUTE.
zDAUTHALLOW	INT (ENUM)	1	(IBM name: N/A) Access authority allowed for a RACROUTE REQUEST=DIRAUTH: ON => Always on MAC => Mandatory access check RMAC => Reverse mandatory access check EMAC => Equal mandatory access check FAILED => Mandatory access check has failed.

Secondary segment: **SMF080_Dataset_Level**

Field Name	Type	Len	Description
SMF080_Dataset_Level.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Dataset_Level.zDTA.<fieldname>			
zDSLEVEL	INT	1	(IBM name: N/A) Data set level number (00-99)

Secondary segment: **SMF080_ADDSD_RACF_Command_Data**

Field Name	Type	Len	Description
SMF080_ADDSD_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type

zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
------	-----	---	---

SMF080_ADDSD_RACF_Command_Data.zDTA.<fieldname>
SMF080_ADDSD_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>

zVOLUME	BIT	1	VOLUME keyword specified.
zUNIT	BIT	1	UNIT keyword specified.
zUACC	BIT	1	UACC keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zAUDIT	BIT	1	AUDIT keyword specified.
zSET	BIT	1	SET keyword specified.
zNOSET	BIT	1	NOSET keyword specified.
zLEVEL	BIT	1	LEVEL keyword specified.
zPASSWORD	BIT	1	PASSWORD keyword specified.
zDATA	BIT	1	DATA keyword specified.
zMODEL	BIT	1	MODEL keyword specified.
zWARNING	BIT	1	WARNING keyword specified.
zGENERIC	BIT	1	GENERIC keyword specified.
zSECLEVEL	BIT	1	SECLEVEL keyword specified.
zADDCATEGORY	BIT	1	ADDCATEGORY keyword specified.
zNOTIFY	BIT	1	NOTIFY keyword specified.

SMF080_ADDSD_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zVOLUME_I	BIT	1	VOLUME keyword ignored because of insufficient authority.
zUNIT_I	BIT	1	UNIT keyword ignored because of insufficient authority.
zUACC_I	BIT	1	UACC keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.
zAUDIT_I	BIT	1	AUDIT keyword ignored because of insufficient authority.
zSET_I	BIT	1	SET keyword ignored because of insufficient authority.
zNOSET_I	BIT	1	NOSET keyword ignored because of insufficient authority.
zLEVEL_I	BIT	1	LEVEL keyword ignored because of insufficient authority.
zPASSWORD_I	BIT	1	PASSWORD keyword ignored because of insufficient authority.
zDATA_I	BIT	1	DATA keyword ignored because of insufficient authority.
zMODEL_I	BIT	1	MODEL keyword ignored because of insufficient authority.
zWARNING_I	BIT	1	WARNING keyword ignored because of insufficient authority.
zGENERIC_I	BIT	1	GENERIC keyword ignored because of insufficient authority.
zSECLEVEL_I	BIT	1	SECLEVEL keyword ignored because of insufficient authority.
zADDCATEGORY_I	BIT	1	ADDCATEGORY keyword ignored because of insufficient authority.
zNOTIFY_I	BIT	1	NOTIFY keyword ignored because of insufficient authority.

SMF080_ADDSD_RACF_Command_Data.zDTA.<fieldname>

zDSN	CHAR	44	(IBM name: N/A) Data set name.
zUNIT	CHAR	8	(IBM name: N/A) Type (UNIT keyword).

zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword. Note: If this is a non-DFP data set, RACF ignores EXECUTE authority when checking access to data sets.
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).

SMF080_ADDSD_RACF_Command_Data.zDTA.zAUDIT_ATTEMPT.<fieldname>

zAUD_ALL	BIT	1	AUDIT access-attempt keyword ALL specified.
zAUD_SUCCESS	BIT	1	AUDIT access-attempt keyword SUCCESS specified.
zAUD_FAILURES	BIT	1	AUDIT access-attempt keyword FAILURES specified.
zAUD_NONE	BIT	1	AUDIT access-attempt keyword NONE specified.

SMF080_ADDSD_RACF_Command_Data.zDTA.<fieldname>

zAUDIT_SUCCESS_LEVEL	BINT (ENUM)	2	AUDIT SUCCESS qualifier code.
zAUDIT_FAILURES_LEVEL	BINT (ENUM)	2	AUDIT FAILURES qualifier code.
zLEVELVAL	INT	1	(IBM name: N/A) LEVEL keyword option.

SMF080_ADDSD_RACF_Command_Data.zDTA.zRACF.<fieldname>

zPROFERR	BIT	1	Data set profile inconsistent with RACF indicator.
zPROFGEN	BIT	1	Generic profile name specified.
zENTITY44	BIT	1	FROM entity is longer than 44 characters entity is passed in relocate.

SMF080_ADDSD_RACF_Command_Data.zDTA.<fieldname>

zUSER	CHAR	8	(IBM name: N/A) User to be notified when this profile denies access.
-------	------	---	---

SMF080_ADDSD_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>

zSETONLY	BIT	1	SETONLY keyword specified.
zTAPE	BIT	1	TAPE keyword specified.
zFILESEQ	BIT	1	FILESEQ keyword specified.
zRETPD	BIT	1	RETPD keyword specified.
zERASE	BIT	1	ERASE keyword specified.
zFROM	BIT	1	FROM keyword specified.
zFCLASS	BIT	1	FCLASS keyword specified.
zFVOLUME	BIT	1	FVOLUME keyword specified.
zFGENERIC	BIT	1	FGENERIC keyword specified.
zSECLABEL	BIT	1	SECLABEL keyword specified.

SMF080_ADDSD_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zSETONLY_I	BIT	1	SETONLY keyword ignored because of insufficient authority.
zTAPE_I	BIT	1	TAPE keyword ignored because of insufficient authority.
zFILESEQ_I	BIT	1	FILESEQ keyword ignored because of insufficient authority.
zRETPD_I	BIT	1	RETPD keyword ignored because of insufficient authority.
zERASE_I	BIT	1	ERASE keyword ignored because of insufficient authority.
zFROM_I	BIT	1	FROM keyword ignored because of insufficient authority.
zFCLASS_I	BIT	1	FCLASS keyword ignored because of insufficient authority.

zFVOLUME_I	BIT	1	FVOLUME keyword ignored because of insufficient authority.
zFGENERIC_I	BIT	1	FGENERIC keyword ignored because of insufficient authority.
zSECLABEL_I	BIT	1	SECLABEL keyword ignored because of insufficient authority.

SMF080_ADDSD_RACF_Command_Data.zDTA.<fieldname>

zFSEQ	INT	2	(IBM name: N/A) File sequence number.
zRETPD	INT	2	(IBM name: N/A) Retention period.
zCLASS	CHAR	8	(IBM name: N/A) FROM class name.
zRESOURCE	CHAR	44	(IBM name: N/A) FROM resource name.
zVOLSER	CHAR	8	(IBM name: N/A) FROM volume serial.
zSECLEVEL_NAME	CHAR	44	(IBM name: N/A) SECLEVEL name.
zSECLABEL	CHAR	8	(IBM name: N/A) SECLABEL.

Secondary segment: SMF080_ADDGROUP_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_ADDGROUP_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_ADDGROUP_RACF_Command_Data.zDTA.<fieldname>**SMF080_ADDGROUP_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>**

zSUPGROUP	BIT	1	SUPGROUP keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zNOTERMUACC	BIT	1	NOTERMUACC keyword specified.
zTERMUACC	BIT	1	TERMUACC keyword specified.
zDATA	BIT	1	DATA keyword specified.
zMODEL	BIT	1	MODEL keyword specified.
zUNIVERSAL	BIT	1	UNIVERSAL keyword specified.

SMF080_ADDGROUP_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zSUPGROUP_I	BIT	1	SUPGROUP keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.
zNOTERMUACC_I	BIT	1	NOTERMUACC keyword ignored because of insufficient authority.
zTERMUACC_I	BIT	1	TERMUACC keyword ignored because of insufficient authority.
zDATA_I	BIT	1	DATA keyword ignored because of insufficient authority.
zMODEL_I	BIT	1	MODEL keyword ignored because of insufficient authority.
zUNIVERSAL_I	BIT	1	UNIVERSAL keyword ignored because of insufficient authority.

SMF080_ADDGROUP_RACF_Command_Data.zDTA.<fieldname>			
zGROUP	CHAR	8	(IBM name: N/A) Group name.
zSUPGROUP	CHAR	8	(IBM name: N/A) Superior group name (SUPGROUP keyword).
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).

Secondary segment: SMF080_ADDUSER_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_ADDUSER_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_ADDUSER_RACF_Command_Data.zDTA.<fieldname>			
--	--	--	--

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zDFLTGRP	BIT	1	DFLTGRP keyword specified.
zGROUP	BIT	1	GROUP keyword specified.
zPASSWORD	BIT	1	PASSWORD keyword specified.
zNOPASSWORD	BIT	1	NOPASSWORD keyword specified.
zNAME	BIT	1	NAME keyword specified.
zAUTHORITY	BIT	1	AUTHORITY keyword specified.
zDATA	BIT	1	DATA keyword specified.
zGRPACC	BIT	1	GRPACC keyword specified.
zNOGRPACC	BIT	1	NOGRPACC keyword specified.
zUACC	BIT	1	UACC keyword specified.
zADSP	BIT	1	ADSP keyword specified.
zNOADSP	BIT	1	NOADSP keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zSPECIAL	BIT	1	SPECIAL keyword specified.
zNOSPECIAL	BIT	1	NOSPECIAL keyword specified.
zOPERATIONS	BIT	1	OPERATIONS keyword specified.
zNOOPERATIONS	BIT	1	NOOPERATIONS keyword specified.
zCLAUTH	BIT	1	CLAUTH keyword specified.
zNOCLAUTH	BIT	1	NOCLAUTH keyword specified.
zAUDITOR	BIT	1	AUDITOR keyword specified.
zNOAUDITOR	BIT	1	NOAUDITOR keyword specified.
zOIDCARD	BIT	1	OIDCARD keyword specified.
zNOOIDCARD	BIT	1	NOOIDCARD keyword specified.
zREVOKE	BIT	1	REVOKE keyword specified.
zRESUME	BIT	1	RESUME keyword specified.

zAUDIT	BIT	1	AUDIT keyword specified.
zNOAUDIT	BIT	1	NOAUDIT keyword specified.
zMODEL	BIT	1	MODEL keyword specified.
zNOMODEL	BIT	1	NOMODEL keyword specified.
zWHEN	BIT	1	WHEN keyword specified.
zADDCATEGORY	BIT	1	ADDCATEGORY keyword specified.
zDELCATEGORY	BIT	1	DELCATEGORY keyword specified.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>			
zDFLTGRP_I	BIT	1	DFLTGRP keyword specified.
zGROUP_I	BIT	1	GROUP keyword specified.
zPASSWORD_I	BIT	1	PASSWORD keyword specified.
zNOPASSWORD_I	BIT	1	NOPASSWORD keyword specified.
zNAME_I	BIT	1	NAME keyword specified.
zAUTHORITY_I	BIT	1	AUTHORITY keyword specified.
zDATA_I	BIT	1	DATA keyword specified.
zGRPACC_I	BIT	1	GRPACC keyword specified.
zNOGRPACC_I	BIT	1	NOGRPACC keyword specified.
zUACC_I	BIT	1	UACC keyword specified.
zADSP_I	BIT	1	ADSP keyword specified.
zNOADSP_I	BIT	1	NOADSP keyword specified.
zOWNER_I	BIT	1	OWNER keyword specified.
zSPECIAL_I	BIT	1	SPECIAL keyword specified.
zNOSPECIAL_I	BIT	1	NOSPECIAL keyword specified.
zOPERATIONS_I	BIT	1	OPERATIONS keyword specified.
zNOOPERATIONS_I	BIT	1	NOOPERATIONS keyword specified.
zCLAUTH_I	BIT	1	CLAUTH keyword specified.
zNOCLAUTH_I	BIT	1	NOCLAUTH keyword specified.
zAUDITOR_I	BIT	1	AUDITOR keyword specified.
zNOAUDITOR_I	BIT	1	NOAUDITOR keyword specified.
zOIDCARD_I	BIT	1	OIDCARD keyword specified.
zNOOIDCARD_I	BIT	1	NOOIDCARD keyword specified.
zREVOKE_I	BIT	1	REVOKE keyword specified.
zRESUME_I	BIT	1	RESUME keyword specified.
zAUDIT_I	BIT	1	AUDIT keyword specified.
zNOAUDIT_I	BIT	1	NOAUDIT keyword specified.
zMODEL_I	BIT	1	MODEL keyword specified.
zNOMODEL_I	BIT	1	NOMODEL keyword ignored because of insufficient authority.
zWHEN_I	BIT	1	WHEN keyword ignored because of insufficient authority.
zADDCATEGORY_I	BIT	1	ADDCATEGORY keyword ignored because of insufficient authority.
zDELCATEGORY_I	BIT	1	DELCATEGORY keyword ignored because of insufficient authority.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>			
zDFLTGRP_E	BIT	1	DFLTGRP keyword ignored because of error conditions.

zGROUP_E	BIT	1	GROUP keyword ignored because of error conditions.
zPASSWORD_E	BIT	1	PASSWORD keyword ignored because of error conditions.
zNOPASSWORD_E	BIT	1	NOPASSWORD keyword ignored because of error conditions.
zNAME_E	BIT	1	NAME keyword ignored because of error conditions.
zAUTHORITY_E	BIT	1	AUTHORITY keyword ignored because of error conditions.
zDATA_E	BIT	1	DATA keyword ignored because of error conditions.
zGRPACC_E	BIT	1	GRPACC keyword ignored because of error conditions.
zNOGRPACC_E	BIT	1	NOGRPACC keyword ignored because of error conditions.
zUACC_E	BIT	1	UACC keyword ignored because of error conditions.
zADSP_E	BIT	1	ADSP keyword ignored because of error conditions.
zNOADSP_E	BIT	1	NOADSP keyword ignored because of error conditions.
zOWNER_E	BIT	1	OWNER keyword ignored because of error conditions.
zSPECIAL_E	BIT	1	SPECIAL keyword ignored because of error conditions.
zNOSPECIAL_E	BIT	1	NOSPECIAL keyword ignored because of error conditions.
zOPERATIONS_E	BIT	1	OPERATIONS keyword ignored because of error conditions.
zNOOPERATIONS_E	BIT	1	NOOPERATIONS keyword ignored because of error conditions.
zCLAUTH_E	BIT	1	CLAUTH keyword ignored because of error conditions.
zNOCLAUTH_E	BIT	1	NOCLAUTH keyword ignored because of error conditions.
zAUDITOR_E	BIT	1	AUDITOR keyword ignored because of error conditions.
zNOAUDITOR_E	BIT	1	NOAUDITOR keyword ignored because of error conditions.
zOIDCARD_E	BIT	1	OIDCARD keyword ignored because of error conditions.
zNOOIDCARD_E	BIT	1	NOOIDCARD keyword ignored because of error conditions.
zREVOKE_E	BIT	1	REVOKE keyword ignored because of error conditions.
zRESUME_E	BIT	1	RESUME keyword ignored because of error conditions.
zAUDIT_E	BIT	1	AUDIT keyword ignored because of error conditions.
zNOAUDIT_E	BIT	1	NOAUDIT keyword ignored because of error conditions.
zMODEL_E	BIT	1	MODEL keyword ignored because of error conditions.
zNOMODEL_E	BIT	1	NOMODEL keyword ignored because of error conditions.
zWHEN_E	BIT	1	WHEN keyword ignored because of error conditions.
zADDCATEGORY_E	BIT	1	ADDCATEGORY keyword ignored because of error conditions.
zDELCATEGORY_E	BIT	1	DELCATEGORY keyword ignored because of error conditions.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zIN_NOCLAUTH	BIT	1	Command invoker does not have CLAUTH attribute of USER.
zIN_NOGRPAUTH	BIT	1	Command invoker does not have sufficient authority to group.
zIN_NOPROFAUTH	BIT	1	Command invoker does not have sufficient authority to user profile.

SMF080_ADDUSER_RACF_Command_Data.zDTA.<fieldname>

zUSER	CHAR	8	(IBM name: N/A) User ID.
zDFLTGRP	CHAR	8	(IBM name: N/A) Group name (DFLTGRP keyword).
zGROUP	CHAR	8	(IBM name: N/A) Group name (GROUP keyword).
zAUTHOPT	INT (ENUM)	1	(IBM name: N/A) Authority specified on AUTHORITY keyword.

zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword.
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).

SMF080_ADDUSER_RACF_Command_Data.zDTA.zCLAUTOPT.<fieldname>

zCL_USER	BIT	1	Class USER specified on CLAUTH keyword).
zCL_DASDVOL	BIT	1	Class DASDVOL specified on CLAUTH keyword).
zCL_TAPEVOL	BIT	1	Class TAPEVOL specified on CLAUTH keyword).
zCL_TERMINAL	BIT	1	Class TERMINAL specified on CLAUTH keyword).

SMF080_ADDUSER_RACF_Command_Data.zDTA.zCLAUTOPT_I.<fieldname>

zCL_USER_I	BIT	1	Class USER CLAUTH keyword ignored because of insufficient authority.
zCL_DASDVOL_I	BIT	1	Class DASDVOL on CLAUTH keyword ignored because of insufficient authority.
zCL_TAPEVOL_I	BIT	1	Class TAPEVOL on CLAUTH keyword ignored because of insufficient authority.
zCL_TERMINAL_I	BIT	1	Class TERMINAL on CLAUTH keyword ignored because of insufficient authority.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS5.<fieldname>

zSECLEVEL	BIT	1	SECLEVEL keyword specified.
zNOSECLEVEL	BIT	1	NOSECLEVEL keyword specified.
zSECLABEL	BIT	1	SECLABEL keyword specified.
zNOSECLABEL	BIT	1	NOSECLABEL keyword specified.
zNOEXPIRED	BIT	1	NOEXPIRED keyword specified.
zEXPIRED	BIT	1	EXPIRED keyword specified.
zRESTRICTED	BIT	1	RESTRICTED keyword specified.
zNORESTRICTED	BIT	1	NORESTRICTED keyword specified.
zPHRASE	BIT	1	PHRASE keyword specified.
zNOPHRASE	BIT	1	NOPHRASE keyword specified.
zROAUDIT	BIT	1	ROAUDIT keyword specified.
zNOROAUDIT	BIT	1	NOROAUDIT keyword specified.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS6.<fieldname>

zSECLEVEL_I	BIT	1	SECLEVEL keyword ignored because of insufficient authority.
zNOSECLEVEL_I	BIT	1	NOSECLEVEL keyword ignored because of insufficient authority.
zSECLABEL_I	BIT	1	SECLABEL keyword ignored because of insufficient authority.
zNOSECLABEL_I	BIT	1	NOSECLABEL keyword ignored because of insufficient authority.
zNOEXPIRED_I	BIT	1	NOEXPIRED keyword ignored because of insufficient authority.
zEXPIRED_I	BIT	1	EXPIRED keyword ignored because of insufficient authority.
zRESTRICTED_I	BIT	1	RESTRICTED keyword ignored because of insufficient authority.
zNORESTRICTED_I	BIT	1	NORESTRICTED keyword ignored because of insufficient authority.
zPHRASE_I	BIT	1	PHRASE keyword ignored because of insufficient authority.
zNOPHRASE_I	BIT	1	NOPHRASE keyword ignored because of insufficient authority.
zROAUDIT_I	BIT	1	ROAUDIT keyword ignored because of insufficient authority.
zNOROAUDIT_I	BIT	1	NOROAUDIT keyword ignored because of insufficient authority.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zFLAGS7.<fieldname>			
zSECLEVEL_E	BIT	1	SECLEVEL keyword ignored because of processing error.
zNOSECLEVEL_E	BIT	1	NOSECLEVEL keyword ignored because of processing error.
zSECLABEL_E	BIT	1	SECLABEL keyword ignored because of processing error.
zNOSECLABEL_E	BIT	1	NOSECLABEL keyword ignored because of processing error.
zRESTRICTED_E	BIT	1	RESTRICTED keyword ignored because of processing error.
zNORESTRICTED_E	BIT	1	NORESTRICTED keyword ignored because of processing error.
zROAUDIT_E	BIT	1	ROAUDIT keyword ignored because of processing error.
zNOROAUDIT_E	BIT	1	NOROAUDIT keyword ignored because of processing error.

SMF080_ADDUSER_RACF_Command_Data.zDTA.<fieldname>			
zTIME1	HEX	3	(IBM name: N/A) Logon time (packed). If time is not specified, this field contains binary zeros, if TIME(ANYTIME) is specified, this field contains X'F0F0F0'.
zTIME2	HEX	3	(IBM name: N/A) Logoff time (packed). If time is not specified, this field contains binary zeros, if TIME(ANYTIME) is specified, this field contains X'F0F0F0'.

SMF080_ADDUSER_RACF_Command_Data.zDTA.zDAYS.<fieldname>			
zNO_SUNDAY	BIT	1	User *cannot* login on a SUNDAY.
zNO_MONDAY	BIT	1	User *cannot* login on a MONDAY.
zNO_TUESDAY	BIT	1	User *cannot* login on a TUESDAY.
zNO_WEDNESDAY	BIT	1	User *cannot* login on a WEDNESDAY.
zNO_THURSDAY	BIT	1	User *cannot* login on a THURSDAY.
zNO_FRIDAY	BIT	1	User *cannot* login on a FRIDAY.
zNO_SATURDAY	BIT	1	User *cannot* login on a SATURDAY.
zDAYS_UNSPEC	BIT	1	DAYS unspecified. User can login on any day of the week.

SMF080_ADDUSER_RACF_Command_Data.zDTA.<fieldname>			
zREVOKE_DATE	HEX	4	(IBM name: N/A) REVOKE date.
zRESUME_DATE	HEX	4	(IBM name: N/A) RESUME date.
zSECLEVEL	CHAR	44	(IBM name: N/A) SECLEVEL name.
zSECLABEL	CHAR	4	(IBM name: N/A) SECLABEL name.

Secondary segment: SMF080_ALTDSO_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_ALTDSO_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_ALTDSO_RACF_Command_Data.zDTA.<fieldname>			
---	--	--	--

SMF080_ALTDSR_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zOWNER	BIT	1	OWNER keyword specified.
zUACC	BIT	1	UACC keyword specified.
zAUDIT	BIT	1	AUDIT keyword specified.
zLEVEL	BIT	1	LEVEL keyword specified.
zADDVOL	BIT	1	ADDVOL keyword specified.
zDELVOL	BIT	1	DELVOL keyword specified.
zSET	BIT	1	SET keyword specified.
zNOSET	BIT	1	NOSET keyword specified.
zGLOBALAUDIT	BIT	1	GLOBALAUDIT keyword specified.
zVOLUME	BIT	1	VOLUME keyword specified.
zPASSWORD	BIT	1	PASSWORD keyword specified.
zUNIT	BIT	1	UNIT keyword specified.
zALTVOL	BIT	1	ALTVOL keyword specified.
zDATA	BIT	1	DATA keyword specified.

SMF080_ALTDSR_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>			
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.
zUACC_I	BIT	1	UACC keyword ignored because of insufficient authority.
zAUDIT_I	BIT	1	AUDIT keyword ignored because of insufficient authority.
zLEVEL_I	BIT	1	LEVEL keyword ignored because of insufficient authority.
zADDVOL_I	BIT	1	ADDVOL keyword ignored because of insufficient authority.
zDELVOL_I	BIT	1	DELVOL keyword ignored because of insufficient authority.
zSET_I	BIT	1	SET keyword ignored because of insufficient authority.
zNOSET_I	BIT	1	NOSET keyword ignored because of insufficient authority.
zGLOBALAUDIT_I	BIT	1	GLOBALAUDIT keyword ignored because of insufficient authority.
zVOLUME_I	BIT	1	VOLUME keyword ignored because of insufficient authority.
zUNIT_I	BIT	1	UNIT keyword ignored because of insufficient authority.
zALTVOL_I	BIT	1	ALTVOL keyword ignored because of insufficient authority.
zDATA_I	BIT	1	DATA keyword ignored because of insufficient authority.

SMF080_ALTDSR_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>			
zOWNER_E	BIT	1	OWNER keyword ignored because of processing error.
zUACC_E	BIT	1	UACC keyword ignored because of processing error.
zAUDIT_E	BIT	1	AUDIT keyword ignored because of processing error.
zLEVEL_E	BIT	1	LEVEL keyword ignored because of processing error.
zADDVOL_E	BIT	1	ADDVOL keyword ignored because of processing error.
zDELVOL_E	BIT	1	DELVOL keyword ignored because of processing error.
zSET_E	BIT	1	SET keyword ignored because of processing error.
zNOSET_E	BIT	1	NOSET keyword ignored because of processing error.
zGLOBALAUDIT_E	BIT	1	GLOBALAUDIT keyword ignored because of processing error.
zVOLUME_E	BIT	1	VOLUME keyword ignored because of processing error.
zUNIT_E	BIT	1	UNIT keyword ignored because of processing error.

zALTVOL_E	BIT	1	ALTVOL keyword ignored because of processing error.
zDATA_E	BIT	1	DATA keyword ignored because of processing error.

SMF080_ALTDSR_RACF_Command_Data.zDTA.<fieldname>

zDSN	CHAR	44	(IBM name: N/A) Data set name.
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).
zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword. Note: If this is a non-DFP data set, RACF ignores EXECUTE authority when checking access to data sets.

SMF080_ALTDSR_RACF_Command_Data.zDTA.zAUDIT_ATTEMPT.<fieldname>

zAUD_ALL	BIT	1	AUDIT access-attempt keyword ALL specified.
zAUD_SUCCESS	BIT	1	AUDIT access-attempt keyword SUCCESS specified.
zAUD_FAILURES	BIT	1	AUDIT access-attempt keyword FAILURES specified.
zAUD_NONE	BIT	1	AUDIT access-attempt keyword NONE specified.

SMF080_ALTDSR_RACF_Command_Data.zDTA.<fieldname>

zAUDIT_SUCCESS_LEVEL	BINT (ENUM)	2	AUDIT SUCCESS qualifier code.
zAUDIT_FAILURES_LEVEL	BINT (ENUM)	2	AUDIT FAILURES qualifier code.
zLEVELVAL	INT	1	(IBM name: N/A) LEVEL keyword option.

SMF080_ALTDSR_RACF_Command_Data.zDTA.zGLOBALAUDIT.<fieldname>

zGAUD_ALL	BIT	1	GLOBALAUDIT access-attempt keyword ALL specified.
zGAUD_SUCCESS	BIT	1	GLOBALAUDIT access-attempt keyword SUCCESS specified.
zGAUD_FAILURES	BIT	1	GLOBALAUDIT access-attempt keyword FAILURES specified.
zGAUD_NONE	BIT	1	GLOBALAUDIT access-attempt keyword NONE specified.

SMF080_ALTDSR_RACF_Command_Data.zDTA.<fieldname>

zGLOBALAUDIT_SUCCESS_LEVEL	BINT (ENUM)	2	GLOBALAUDIT SUCCESS qualifier code.
zGLOBALAUDIT_FAILURES_LEVEL	BINT (ENUM)	2	GLOBALAUDIT FAILURES qualifier code.
zVOLUME	CHAR	6	(IBM name: N/A) Volume serial ID (VOLUME keyword).
zUNIT	CHAR	8	(IBM name: N/A) Type (UNIT keyword).

SMF080_ALTDSR_RACF_Command_Data.zDTA.zRACF.<fieldname>

zPROFERR	BIT	1	Data set profile inconsistent with RACF indicator.
zPROFGEN	BIT	1	Generic profile name specified.

SMF080_ALTDSR_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zGENERIC	BIT	1	GENERIC keyword specified.
zWARNING	BIT	1	WARNING keyword specified.
zNOWARNING	BIT	1	NOWARNING keyword specified.

zERASE	BIT	1	ERASE keyword specified.
zNOERASE	BIT	1	NOERASE keyword specified.
zRETPD	BIT	1	RETPD keyword specified.
zNOTIFY	BIT	1	NOTIFY keyword specified.
zNONOTIFY	BIT	1	NONOTIFY keyword specified.
zSECLEVEL	BIT	1	SECLEVEL keyword specified.
zADDCATEGORY	BIT	1	ADDCATEGORY keyword specified.
zDELCATEGORY	BIT	1	DELCATEGORY keyword specified.
zNOSECLEVEL	BIT	1	NOSECLEVEL keyword specified.
zSECLABEL	BIT	1	SECLABEL keyword specified.
zNOSECLABEL	BIT	1	NOSECLABEL keyword specified.

SMF080_ALTDSD_RACF_Command_Data.zDTA.zFLAGS5.<fieldname>

zGENERIC_I	BIT	1	GENERIC keyword ignored because of insufficient authority.
zWARNING_I	BIT	1	WARNING keyword ignored because of insufficient authority.
zNOWARNING_I	BIT	1	NOWARNING keyword ignored because of insufficient authority.
zERASE_I	BIT	1	ERASE keyword ignored because of insufficient authority.
zNOERASE_I	BIT	1	NOERASE keyword ignored because of insufficient authority.
zRETPD_I	BIT	1	RETPD keyword ignored because of insufficient authority.
zNOTIFY_I	BIT	1	NOTIFY keyword ignored because of insufficient authority.
zNONOTIFY_I	BIT	1	NONOTIFY keyword ignored because of insufficient authority.
zSECLEVEL_I	BIT	1	SECLEVEL keyword ignored because of insufficient authority.
zADDCATEGORY_I	BIT	1	ADDCATEGORY keyword ignored because of insufficient authority.
zDELCATEGORY_I	BIT	1	DELCATEGORY keyword ignored because of insufficient authority.
zNOSECLEVEL_I	BIT	1	NOSECLEVEL keyword ignored because of insufficient authority.
zSECLABEL_I	BIT	1	SECLABEL keyword ignored because of insufficient authority.
zNOSECLABEL_I	BIT	1	NOSECLABEL keyword ignored because of insufficient authority.

SMF080_ALTDSD_RACF_Command_Data.zDTA.zFLAGS6.<fieldname>

zGENERIC_E	BIT	1	GENERIC keyword ignored because of processing error.
zWARNING_E	BIT	1	WARNING keyword ignored because of processing error.
zNOWARNING_E	BIT	1	NOWARNING keyword ignored because of processing error.
zERASE_E	BIT	1	ERASE keyword ignored because of processing error.
zNOERASE_E	BIT	1	NOERASE keyword ignored because of processing error.
zRETPD_E	BIT	1	RETPD keyword ignored because of processing error.
zNOTIFY_E	BIT	1	NOTIFY keyword ignored because of processing error.
zNONOTIFY_E	BIT	1	NONOTIFY keyword ignored because of processing error.
zSECLEVEL_E	BIT	1	SECLEVEL keyword ignored because of processing error.
zADDCATEGORY_E	BIT	1	ADDCATEGORY keyword ignored because of processing error.
zDELCATEGORY_E	BIT	1	DELCATEGORY keyword ignored because of processing error.

zNOSECLEVEL_E	BIT	1	NOSECLEVEL keyword ignored because of processing error.
zSECLABEL_E	BIT	1	SECLABEL keyword ignored because of processing error.
zNOSECLABEL_E	BIT	1	NOSECLABEL keyword ignored because of processing error.

SMF080_ALTSD_RACF_Command_Data.zDTA.<fieldname>			
zRETPD	INT	2	(IBM name: N/A) Retention period.
zUSER	CHAR	8	(IBM name: N/A) User to be notified when this profile denies access.
zSECLEVEL	CHAR	44	(IBM name: N/A) SECLEVEL name.
zSECLABEL	CHAR	8	(IBM name: N/A) SECLABEL.

Secondary segment: SMF080_ALTGROUP_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_ALTGROUP_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_ALTGROUP_RACF_Command_Data.zDTA.<fieldname>			
---	--	--	--

SMF080_ALTGROUP_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zSUPGROUP	BIT	1	SUPGROUP keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zNOTERMUACC	BIT	1	NOTERMUACC keyword specified.
zTERMUACC	BIT	1	TERMUACC keyword specified.
zDATA	BIT	1	DATA keyword specified.
zMODEL	BIT	1	MODEL keyword specified.

SMF080_ALTGROUP_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>			
zSUPGROUP_I	BIT	1	SUPGROUP keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.
zNOTERMUACC_I	BIT	1	NOTERMUACC keyword ignored because of insufficient authority.
zTERMUACC_I	BIT	1	TERMUACC keyword ignored because of insufficient authority.
zDATA_I	BIT	1	DATA keyword ignored because of insufficient authority.
zMODEL_I	BIT	1	MODEL keyword ignored because of insufficient authority.

SMF080_ALTGROUP_RACF_Command_Data.zDTA.<fieldname>			
zGROUP	CHAR	8	(IBM name: N/A) Group name.
zSUPGROUP	CHAR	8	(IBM name: N/A) Superior group name (SUPGROUP keyword).
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).

SMF080_ALTGROUP_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>			
zSUPGROUP_E	BIT	1	SUPGROUP keyword ignored because of error conditions.
zOWNER_E	BIT	1	OWNER keyword ignored because of error conditions.
zNOTERMUACC_E	BIT	1	NOTERMUACC keyword ignored because of error conditions.
zTERMUACC_E	BIT	1	TERMUACC keyword ignored because of error conditions.
zDATA_E	BIT	1	DATA keyword ignored because of error conditions.
zMODEL_E	BIT	1	MODEL keyword ignored because of error conditions.

Secondary segment: SMF080_ALTUSER_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_ALTUSER_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_ALTUSER_RACF_Command_Data.zDTA.<fieldname>

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zDFLTGRP	BIT	1	DFLTGRP keyword specified.
zGROUP	BIT	1	GROUP keyword specified.
zPASSWORD	BIT	1	PASSWORD keyword specified.
zNOPASSWORD	BIT	1	NOPASSWORD keyword specified.
zNAME	BIT	1	NAME keyword specified.
zAUTHORITY	BIT	1	AUTHORITY keyword specified.
zDATA	BIT	1	DATA keyword specified.
zGRPACC	BIT	1	GRPACC keyword specified.
zNOGRPACC	BIT	1	NOGRPACC keyword specified.
zUACC	BIT	1	UACC keyword specified.
zADSP	BIT	1	ADSP keyword specified.
zNOADSP	BIT	1	NOADSP keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zSPECIAL	BIT	1	SPECIAL keyword specified.
zNOSPECIAL	BIT	1	NOSPECIAL keyword specified.
zOPERATIONS	BIT	1	OPERATIONS keyword specified.
zNOOPERATIONS	BIT	1	NOOPERATIONS keyword specified.
zCLAUTH	BIT	1	CLAUTH keyword specified.
zNOCLAUTH	BIT	1	NOCLAUTH keyword specified.
zAUDITOR	BIT	1	AUDITOR keyword specified.
zNOAUDITOR	BIT	1	NOAUDITOR keyword specified.
zOIDCARD	BIT	1	OIDCARD keyword specified.
zNOOIDCARD	BIT	1	NOOIDCARD keyword specified.
zREVOKE	BIT	1	REVOKE keyword specified.

zRESUME	BIT	1	RESUME keyword specified.
zUAUDIT	BIT	1	AUDIT keyword specified.
zNOUAUDIT	BIT	1	NOAUDIT keyword specified.
zMODEL	BIT	1	MODEL keyword specified.
zNOMODEL	BIT	1	NOMODEL keyword specified.
zWHEN	BIT	1	WHEN keyword specified.
zADDCATEGORY	BIT	1	ADDCATEGORY keyword specified.
zDELCATEGORY	BIT	1	DELCATEGORY keyword specified.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>			
zDFLTGRP_I	BIT	1	DFLTGRP keyword specified.
zGROUP_I	BIT	1	GROUP keyword specified.
zPASSWORD_I	BIT	1	PASSWORD keyword specified.
zNOPASSWORD_I	BIT	1	NOPASSWORD keyword specified.
zNAME_I	BIT	1	NAME keyword specified.
zAUTHORITY_I	BIT	1	AUTHORITY keyword specified.
zDATA_I	BIT	1	DATA keyword specified.
zGRPACC_I	BIT	1	GRPACC keyword specified.
zNOGRPACC_I	BIT	1	NOGRPACC keyword specified.
zUACC_I	BIT	1	UACC keyword specified.
zADSP_I	BIT	1	ADSP keyword specified.
zNOADSP_I	BIT	1	NOADSP keyword specified.
zOWNER_I	BIT	1	OWNER keyword specified.
zSPECIAL_I	BIT	1	SPECIAL keyword specified.
zNOSPECIAL_I	BIT	1	NOSPECIAL keyword specified.
zOPERATIONS_I	BIT	1	OPERATIONS keyword specified.
zNOOPERATIONS_I	BIT	1	NOOPERATIONS keyword specified.
zCLAUTH_I	BIT	1	CLAUTH keyword specified.
zNOCLAUTH_I	BIT	1	NOCLAUTH keyword specified.
zAUDITOR_I	BIT	1	AUDITOR keyword specified.
zNOAUDITOR_I	BIT	1	NOAUDITOR keyword specified.
zOIDCARD_I	BIT	1	OIDCARD keyword specified.
zNOOIDCARD_I	BIT	1	NOOIDCARD keyword specified.
zREVOKE_I	BIT	1	REVOKE keyword specified.
zRESUME_I	BIT	1	RESUME keyword specified.
zUAUDIT_I	BIT	1	AUDIT keyword specified.
zNOUAUDIT_I	BIT	1	NOAUDIT keyword specified.
zMODEL_I	BIT	1	MODEL keyword specified.
zNOMODEL_I	BIT	1	NOMODEL keyword ignored because of insufficient authority.
zWHEN_I	BIT	1	WHEN keyword ignored because of insufficient authority.
zADDCATEGORY_I	BIT	1	ADDCATEGORY keyword ignored because of insufficient authority.
zDELCATEGORY_I	BIT	1	DELCATEGORY keyword ignored because of insufficient authority.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>			
--	--	--	--

zDFLTGRP_E	BIT	1	DFLTGRP keyword ignored because of error conditions.
zGROUP_E	BIT	1	GROUP keyword ignored because of error conditions.
zPASSWORD_E	BIT	1	PASSWORD keyword ignored because of error conditions.
zNOPASSWORD_E	BIT	1	NOPASSWORD keyword ignored because of error conditions.
zNAME_E	BIT	1	NAME keyword ignored because of error conditions.
zAUTHORITY_E	BIT	1	AUTHORITY keyword ignored because of error conditions.
zDATA_E	BIT	1	DATA keyword ignored because of error conditions.
zGRPACC_E	BIT	1	GRPACC keyword ignored because of error conditions.
zNOGRPACC_E	BIT	1	NOGRPACC keyword ignored because of error conditions.
zUACC_E	BIT	1	UACC keyword ignored because of error conditions.
zADSP_E	BIT	1	ADSP keyword ignored because of error conditions.
zNOADSP_E	BIT	1	NOADSP keyword ignored because of error conditions.
zOWNER_E	BIT	1	OWNER keyword ignored because of error conditions.
zSPECIAL_E	BIT	1	SPECIAL keyword ignored because of error conditions.
zNOSPECIAL_E	BIT	1	NOSPECIAL keyword ignored because of error conditions.
zOPERATIONS_E	BIT	1	OPERATIONS keyword ignored because of error conditions.
zNOOPERATIONS_E	BIT	1	NOOPERATIONS keyword ignored because of error conditions.
zCLAUTH_E	BIT	1	CLAUTH keyword ignored because of error conditions.
zNOCLAUTH_E	BIT	1	NOCLAUTH keyword ignored because of error conditions.
zAUDITOR_E	BIT	1	AUDITOR keyword ignored because of error conditions.
zNOAUDITOR_E	BIT	1	NOAUDITOR keyword ignored because of error conditions.
zOIDCARD_E	BIT	1	OIDCARD keyword ignored because of error conditions.
zNOOIDCARD_E	BIT	1	NOOIDCARD keyword ignored because of error conditions.
zREVOKE_E	BIT	1	REVOKE keyword ignored because of error conditions.
zRESUME_E	BIT	1	RESUME keyword ignored because of error conditions.
zUAUDIT_E	BIT	1	AUDIT keyword ignored because of error conditions.
zNOUAUDIT_E	BIT	1	NOAUDIT keyword ignored because of error conditions.
zMODEL_E	BIT	1	MODEL keyword ignored because of error conditions.
zNOMODEL_E	BIT	1	NOMODEL keyword ignored because of error conditions.
zWHEN_E	BIT	1	WHEN keyword ignored because of error conditions.
zADDCATEGORY_E	BIT	1	ADDCATEGORY keyword ignored because of error conditions.
zDELCATEGORY_E	BIT	1	DELCATEGORY keyword ignored because of error conditions.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zIN_NOCLAUTH	BIT	1	Command invoker does not have CLAUTH attribute of USER.
zIN_NOGRPAUTH	BIT	1	Command invoker does not have sufficient authority to group.
zIN_NOPROFAUTH	BIT	1	Command invoker does not have sufficient authority to user profile.
zIN_NOEXPIRED	BIT	1	NOEXPIRED.
zIN_EXPIRED	BIT	1	EXPIRED.

SMF080_ALTUSER_RACF_Command_Data.zDTA.<fieldname>

zUSER	CHAR	8	(IBM name: N/A) User ID.
zDFLTGRP	CHAR	8	(IBM name: N/A) Group name (DFLTGRP keyword).

zGROUP	CHAR	8	(IBM name: N/A) Group name (GROUP keyword).
zAUTHOPT	INT (ENUM)	1	(IBM name: N/A) Authority specified on AUTHORITY keyword.
zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword.
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).

SMF080_ALTUSER_RACF_Command_Data.zDTA.zCLAUTOPT.<fieldname>

zCL_USER	BIT	1	Class USER specified on CLAUTH keyword).
zCL_DASDVOL	BIT	1	Class DASDVOL specified on CLAUTH keyword).
zCL_TAPEVOL	BIT	1	Class TAPEVOL specified on CLAUTH keyword).
zCL_TERMINAL	BIT	1	Class TERMINAL specified on CLAUTH keyword).

SMF080_ALTUSER_RACF_Command_Data.zDTA.zCLAUTOPT_I.<fieldname>

zCL_USER_I	BIT	1	Class USER CLAUTH keyword ignored because of insufficient authority.
zCL_DASDVOL_I	BIT	1	Class DASDVOL on CLAUTH keyword ignored because of insufficient authority.
zCL_TAPEVOL_I	BIT	1	Class TAPEVOL on CLAUTH keyword ignored because of insufficient authority.
zCL_TERMINAL_I	BIT	1	Class TERMINAL on CLAUTH keyword ignored because of insufficient authority.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS5.<fieldname>

zSECLEVEL	BIT	1	SECLEVEL keyword specified.
zNOSECLEVEL	BIT	1	NOSECLEVEL keyword specified.
zSECLABEL	BIT	1	SECLABEL keyword specified.
zNOSECLABEL	BIT	1	NOSECLABEL keyword specified.
zNOEXPIRED	BIT	1	NOEXPIRED keyword specified.
zEXPIRED	BIT	1	EXPIRED keyword specified.
zRESTRICTED	BIT	1	RESTRICTED keyword specified.
zNORESTRICTED	BIT	1	NORESTRICTED keyword specified.
zNOREVOKE	BIT	1	NOREVOKE keyword specified.
zNORESUME	BIT	1	NORESUME keyword specified.
zPHRASE	BIT	1	PHRASE keyword specified.
zNOPHRASE	BIT	1	NOPHRASE keyword specified.
zPWCLEAN	BIT	1	PWCLEAN keyword specified.
zPWCONVERT	BIT	1	PWCONVERT keyword specified.
zROAUDIT	BIT	1	ROAUDIT keyword specified.
zNOROAUDIT	BIT	1	NOROAUDIT keyword specified.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS6.<fieldname>

zSECLEVEL_I	BIT	1	SECLEVEL keyword ignored because of insufficient authority.
zNOSECLEVEL_I	BIT	1	NOSECLEVEL keyword ignored because of insufficient authority.
zSECLABEL_I	BIT	1	SECLABEL keyword ignored because of insufficient authority.
zNOSECLABEL_I	BIT	1	NOSECLABEL keyword ignored because of insufficient authority.
zNOEXPIRED_I	BIT	1	NOEXPIRED keyword ignored because of insufficient authority.

zEXPIRED_I	BIT	1	EXPIRED keyword ignored because of insufficient authority.
zRESTRICTED_I	BIT	1	RESTRICTED keyword ignored because of insufficient authority.
zNORESTRICTED_I	BIT	1	NORESTRICTED keyword ignored because of insufficient authority.
zNOREVOKE_I	BIT	1	NOREVOKE keyword ignored because of insufficient authority.
zNORESUME_I	BIT	1	NORESUME keyword ignored because of insufficient authority.
zPHRASE_I	BIT	1	PHRASE keyword ignored because of insufficient authority.
zNOPHRASE_I	BIT	1	NOPHRASE keyword ignored because of insufficient authority.
zPWCLEAN_I	BIT	1	PWCLEAN keyword ignored because of insufficient authority.
zPWCONVERT_I	BIT	1	PWCONVERT keyword ignored because of insufficient authority.
zROAUDIT_I	BIT	1	ROAUDIT keyword ignored because of insufficient authority.
zNOROAUDIT_I	BIT	1	NOROAUDIT keyword ignored because of insufficient authority.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS7.<fieldname>

zSECLEVEL_E	BIT	1	SECLEVEL keyword ignored because of processing error conditions.
zNOSECLEVEL_E	BIT	1	NOSECLEVEL keyword ignored because of processing error conditions.
zSECLABEL_E	BIT	1	SECLABEL keyword ignored because of processing error conditions.
zNOSECLABEL_E	BIT	1	NOSECLABEL keyword ignored because of processing error conditions.
zNOEXPIRED_E	BIT	1	NOEXPIRED keyword ignored because of processing error conditions.
zEXPIRED_E	BIT	1	EXPIRED keyword ignored because of processing error conditions.
zRESTRICTED_E	BIT	1	RESTRICTED keyword ignored because of processing error conditions.
zNORESTRICTED_E	BIT	1	NORESTRICTED keyword ignored because of processing error conditions.
zNOREVOKE_E	BIT	1	NOREVOKE keyword ignored because of processing error conditions.
zNORESUME_E	BIT	1	NORESUME keyword ignored because of processing error conditions.
zPHRASE_E	BIT	1	PHRASE keyword ignored because of processing error conditions.
zNOPHRASE_E	BIT	1	NOPHRASE keyword ignored because of processing error conditions.
zPWCLEAN_E	BIT	1	PWCLEAN keyword ignored because of processing error conditions.
zPWCONVERT_E	BIT	1	PWCONVERT keyword ignored because of processing error conditions.
zROAUDIT_E	BIT	1	ROAUDIT keyword ignored because of processing error conditions.
zNOROAUDIT_E	BIT	1	NOROAUDIT keyword ignored because of processing error conditions.

SMF080_ALTUSER_RACF_Command_Data.zDTA.<fieldname>

zTIME1	HEX	3	(IBM name: N/A) Logon time (packed). If time is not specified, this field contains binary zeros, if TIME(ANYTIME) is specified, this field contains X'F0F0F0'.
zTIME2	HEX	3	(IBM name: N/A) Logoff time (packed). If time is not specified, this field contains binary zeros, if TIME(ANYTIME) is specified, this field contains X'F0F0F0'.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zDAYS.<fieldname>

zNO_SUNDAY	BIT	1	User *cannot* login on a SUNDAY.
zNO_MONDAY	BIT	1	User *cannot* login on a MONDAY.
zNO_TUESDAY	BIT	1	User *cannot* login on a TUESDAY.
zNO_WEDNESDAY	BIT	1	User *cannot* login on a WEDNESDAY.
zNO_THURSDAY	BIT	1	User *cannot* login on a THURSDAY.
zNO_FRIDAY	BIT	1	User *cannot* login on a FRIDAY.
zNO_SATURDAY	BIT	1	User *cannot* login on a SATURDAY.

zDAYS_UNSPEC	BIT	1	DAYS unspecified. User can login on any day of the week.
--------------	-----	---	--

SMF080_ALTUSER_RACF_Command_Data.zDTA.<fieldname>

zREVOKE_DATE	HEX	4	(IBM name: N/A) REVOKE date.
zRESUME_DATE	HEX	4	(IBM name: N/A) RESUME date.
zSECLEVEL	CHAR	44	(IBM name: N/A) SECLEVEL name.
zSECLABEL	CHAR	4	(IBM name: N/A) SECLABEL name.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS8.<fieldname>

zMFA	BIT	1	MFA keyword specified.
zNOMFA	BIT	1	NOMFA keyword specified.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS9.<fieldname>

zMFA_I	BIT	1	MFA keyword ignored because of insufficient authority.
zNOMFA_I	BIT	1	NOMFA keyword ignored because of insufficient authority.

SMF080_ALTUSER_RACF_Command_Data.zDTA.zFLAGS10.<fieldname>

zMFA	BIT	1	MFA keyword ignored because of processing error conditions.
zNOMFA	BIT	1	NOMFA keyword ignored because of processing error conditions.

Secondary segment: SMF080_CONNECT_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_CONNECT_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_CONNECT_RACF_Command_Data.zDTA.<fieldname>**SMF080_CONNECT_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>**

zGROUP	BIT	1	GROUP keyword specified.
zUACC	BIT	1	UACC keyword specified.
zAUTHORITY	BIT	1	AUTHORITY keyword specified.
zADSP	BIT	1	ADSP keyword specified.
zNOADSP	BIT	1	NOADSP keyword specified.
zREVOKE	BIT	1	REVOKE keyword specified.
zRESUME	BIT	1	RESUME keyword specified.
zGRPACC	BIT	1	GRPACC keyword specified.
zNOGRPACC	BIT	1	NOGRPACC keyword specified.
zOPERATIONS	BIT	1	OPERATIONS keyword specified.
zNOOPERATIONS	BIT	1	NOOPERATIONS keyword specified.
zSPECIAL	BIT	1	SPECIAL keyword specified.

zNOSPECIAL	BIT	1	NOSPECIAL keyword specified.
zAUDITOR	BIT	1	AUDITOR keyword specified.
zNOAUDITOR	BIT	1	NOAUDITOR keyword specified.
zOWNER	BIT	1	OWNER keyword specified.

SMF080_CONNECT_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zGROUP_I	BIT	1	GROUP keyword ignored because of insufficient authority.
zUACC_I	BIT	1	UACC keyword ignored because of insufficient authority.
zAUTHORITY_I	BIT	1	AUTHORITY keyword ignored because of insufficient authority.
zADSP_I	BIT	1	ADSP keyword ignored because of insufficient authority.
zNOADSP_I	BIT	1	NOADSP keyword ignored because of insufficient authority.
zREVOKE_I	BIT	1	REVOKE keyword ignored because of insufficient authority.
zRESUME_I	BIT	1	RESUME keyword ignored because of insufficient authority.
zGRPACC_I	BIT	1	GRPACC keyword ignored because of insufficient authority.
zNOGRPACC_I	BIT	1	NOGRPACC keyword ignored because of insufficient authority.
zOPERATIONS_I	BIT	1	OPERATIONS keyword ignored because of insufficient authority.
zNOOPERATIONS_I	BIT	1	NOOPERATIONS keyword ignored because of insufficient authority.
zSPECIAL_I	BIT	1	SPECIAL keyword ignored because of insufficient authority.
zNOSPECIAL_I	BIT	1	NOSPECIAL keyword ignored because of insufficient authority.
zAUDITOR_I	BIT	1	AUDITOR keyword ignored because of insufficient authority.
zNOAUDITOR_I	BIT	1	NOAUDITOR keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.

SMF080_CONNECT_RACF_Command_Data.zDTA.<fieldname>

zUSER	CHAR	8	(IBM name: N/A) User Id.
zGROUP	CHAR	8	(IBM name: N/A) Group name (GROUP keyword).
zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword.
zAUTHOPT	INT (ENUM)	1	(IBM name: N/A) Group authority specified on AUTHORITY keyword.

SMF080_CONNECT_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>

zNOREVOKE	BIT	1	NOREVOKE keyword specified.
zNORESUME	BIT	1	NORESUME keyword specified.

SMF080_CONNECT_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zNOREVOKE_I	BIT	1	NOREVOKE keyword ignored because of insufficient authority.
zNORESUME_I	BIT	1	NORESUME keyword ignored because of insufficient authority.

SMF080_CONNECT_RACF_Command_Data.zDTA.<fieldname>

zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).
zREVOKE_DATE	HEX	4	(IBM name: N/A) REVOKE date.
zRESUME_DATE	HEX	4	(IBM name: N/A) RESUME date.

Secondary segment: SMF080_DELDSD_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_DELDSD_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_DELDSD_RACF_Command_Data.zDTA.<fieldname>***SMF080_DELDSD_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>***

zSET	BIT	1	SET keyword specified or taken as default.
zNOSET	BIT	1	NOSET keyword specified or taken as default.
zVOLUME	BIT	1	VOLUME keyword specified or taken as default.
zGENERIC	BIT	1	GENERIC keyword specified or taken as default.

SMF080_DELDSD_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zSET_I	BIT	1	SET keyword ignored because of insufficient authority.
zNOSET_I	BIT	1	NOSET keyword ignored because of insufficient authority.
zVOLUME_I	BIT	1	VOLUME keyword ignored because of insufficient authority.
zGENERIC_I	BIT	1	GENERIC keyword ignored because of insufficient authority.

SMF080_DELDSD_RACF_Command_Data.zDTA.<fieldname>

zDSN	CHAR	44	(IBM name: N/A) Data set name.
zVOLUME	CHAR	6	(IBM name: N/A) Volume serial ID (VOLUME keyword).

SMF080_DELDSD_RACF_Command_Data.zDTA.zRACF.<fieldname>

zPROFERR	BIT	1	Data set profile inconsistent with RACF indicator.
zPROFGEN	BIT	1	Generic profile name specified.

Secondary segment: SMF080_DELGROUP_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_DELGROUP_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_DELGROUP_RACF_Command_Data.zDTA.<fieldname>

zGROUP	CHAR	8	(IBM name: N/A) Group name.
--------	------	---	--------------------------------

Secondary segment: SMF080_DELUSER_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_DELUSER_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_DELUSER_RACF_Command_Data.zDTA.<fieldname></i>			
zUSER	CHAR	8	(IBM name: N/A) User ID.

Secondary segment: SMF080_PASSWORD_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_PASSWORD_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_PASSWORD_RACF_Command_Data.zDTA.<fieldname></i>			
<i>SMF080_PASSWORD_RACF_Command_Data.zDTA.zFLAGS1.<fieldname></i>			
zINTERVAL	BIT	1	INTERVAL keyword specified.
zUSER	BIT	1	USER keyword specified.
zPASSWORD	BIT	1	PASSWORD keyword specified.
zPHRASE	BIT	1	PHRASE keyword specified.
<i>SMF080_PASSWORD_RACF_Command_Data.zDTA.zFLAGS2.<fieldname></i>			
zINTERVAL_I	BIT	1	SET keyword ignored because of insufficient authority.
zUSER_I	BIT	1	NOSET keyword ignored because of insufficient authority.
zPASSWORD_I	BIT	1	VOLUME keyword ignored because of insufficient authority.
zPHRASE_I	BIT	1	GENERIC keyword ignored because of insufficient authority.
<i>SMF080_PASSWORD_RACF_Command_Data.zDTA.zFLAGS3.<fieldname></i>			
zINTERVAL_E	BIT	1	INTERVAL keyword ignored because of processing error.
zUSER_E	BIT	1	USER keyword ignored because of processing error.
zPASSWORD_E	BIT	1	PASSWORD keyword ignored because of processing error.
zPHRASE_E	BIT	1	PHRASE keyword ignored because of processing error.
<i>SMF080_PASSWORD_RACF_Command_Data.zDTA.<fieldname></i>			
zINTERVAL_DAYS	INT	1	(IBM name: N/A) Change-interval (INTERVAL keyword) Note: If the NOINTERVAL keyword is specified, the change-interval changes to X'FF'.
zUSER	CHAR	8	(IBM name: N/A) User ID (USER keyword).

Secondary segment: **SMF080_PERMIT_RACF_Command_Data**

Field Name	Type	Len	Description
<i>SMF080_PERMIT_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_PERMIT_RACF_Command_Data.zDTA.<fieldname>**SMF080_PERMIT_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>**

zCLASS	BIT	1	CLASS keyword specified.
zID	BIT	1	ID keyword specified.
zACCESS	BIT	1	ACCESS keyword specified.
zFROM	BIT	1	FROM keyword specified.
zDELETE	BIT	1	DELETE keyword specified.
zFCLASS	BIT	1	FCLASS keyword specified.
zVOLUME	BIT	1	VOLUME keyword specified.
zFVOLUME	BIT	1	FVOLUME keyword specified.
zGENERIC	BIT	1	GENERIC keyword specified.
zFGENERIC	BIT	1	FGENERIC keyword specified.
zRESET	BIT	1	RESET keyword specified.
zWHEN	BIT	1	WHEN keyword specified.
zRESET_WHEN	BIT	1	RESET(WHEN) keyword specified.
zRESET_STANDARD	BIT	1	RESET(STANDARD) keyword specified.

SMF080_PERMIT_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zCLASS_I	BIT	1	CLASS keyword ignored because of insufficient authority.
zID_I	BIT	1	ID keyword ignored because of insufficient authority.
zACCESS_I	BIT	1	ACCESS keyword ignored because of insufficient authority.
zFROM_I	BIT	1	FROM keyword ignored because of insufficient authority.
zDELETE_I	BIT	1	DELETE keyword ignored because of insufficient authority.
zFCLASS_I	BIT	1	FCLASS keyword ignored because of insufficient authority.
zVOLUME_I	BIT	1	VOLUME keyword ignored because of insufficient authority.
zFVOLUME_I	BIT	1	FVOLUME keyword ignored because of insufficient authority.
zGENERIC_I	BIT	1	GENERIC keyword ignored because of insufficient authority.
zFGENERIC_I	BIT	1	FGENERIC keyword ignored because of insufficient authority.
zRESET_I	BIT	1	RESET keyword ignored because of insufficient authority.
zWHEN_I	BIT	1	WHEN keyword ignored because of insufficient authority.

SMF080_PERMIT_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>

zCLASS_E	BIT	1	CLASS keyword ignored because of error conditions.
zID_E	BIT	1	ID keyword ignored because of error conditions.
zACCESS_E	BIT	1	ACCESS keyword ignored because of error conditions.
zFROM_E	BIT	1	FROM keyword ignored because of error conditions.
zDELETE_E	BIT	1	DELETE keyword ignored because of error conditions.

zFCLASS_E	BIT	1	FCLASS keyword ignored because of error conditions.
zVOLUME_E	BIT	1	VOLUME keyword ignored because of error conditions.
zFVOLUME_E	BIT	1	FVOLUME keyword ignored because of error conditions.
zGENERIC_E	BIT	1	GENERIC keyword ignored because of error conditions.
zFGENERIC_E	BIT	1	FGENERIC keyword ignored because of error conditions.
zRESET_E	BIT	1	RESET keyword ignored because of error conditions.
zWHEN_E	BIT	1	WHEN keyword ignored because of error conditions.

SMF080_PERMIT_RACF_Command_Data.zDTA.zCLASSOPT.<fieldname>

zCL_DATASET	BIT	1	DATASET class (CLASS keyword).
zCL_DASDVOL	BIT	1	DASDVOL class (CLASS keyword).
zCL_TAPEVOL	BIT	1	TAPEVOL class (CLASS keyword).
zCL_TERMINAL	BIT	1	TERMINAL class (CLASS keyword).
zFROM	BIT	1	FROM generic resource.
zCOND	BIT	1	Conditional access list is indicated by RESET keyword.
zSTD	BIT	1	Standard access list is indicated by RESET keyword.

SMF080_PERMIT_RACF_Command_Data.zDTA.<fieldname>

zACCESS_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on ACCESS keyword. Note: If this is a non-DFP data set, RACF ignores EXECUTE authority when checking access to data sets.
--------------	---------------	---	--

SMF080_PERMIT_RACF_Command_Data.zDTA.zFCLASSOPT.<fieldname>

zFCL_DATASET	BIT	1	DATASET class (FCLASS keyword).
zFCL_DASDVOL	BIT	1	DASDVOL class (FCLASS keyword).
zFCL_TAPEVOL	BIT	1	TAPEVOL class (FCLASS keyword).
zFCL_TERMINAL	BIT	1	TERMINAL class (FCLASS keyword).

Secondary segment: SMF080_RALTER_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_RALTER_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_RALTER_RACF_Command_Data.zDTA.<fieldname>**SMF080_RALTER_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>**

zDATA	BIT	1	DATA keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zUACC	BIT	1	UACC keyword specified.
zLEVEL	BIT	1	LEVEL keyword specified.
zAUDIT	BIT	1	AUDIT keyword specified.
zGLOBALAUDIT	BIT	1	GLOBALAUDIT FCLASS keyword specified.

zADDVOL	BIT	1	ADDVOL keyword specified.
zDELVOL	BIT	1	DELVOL keyword specified.
zADDMEM	BIT	1	ADDMEM keyword specified.
zDELMEM	BIT	1	DELMEM keyword specified.
zAPPLDATA	BIT	1	APPLDATA keyword specified.
zSINGLEDSDN	BIT	1	SINGLEDSDN keyword specified.
zNOSINGLEDSDN	BIT	1	NOSINGLEDSDN RESET(WHEN) keyword specified.
zWARNING	BIT	1	WARNING keyword specified.
zNOWARNING	BIT	1	NOWARNING keyword specified.
zWHEN	BIT	1	WHEN keyword specified.

SMF080_RALTER_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zDATA_I	BIT	1	DATA keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.
zUACC_I	BIT	1	UACC keyword ignored because of insufficient authority.
zLEVEL_I	BIT	1	LEVEL keyword ignored because of insufficient authority.
zAUDIT_I	BIT	1	AUDIT keyword ignored because of insufficient authority.
zGLOBALAUDIT_I	BIT	1	GLOBALAUDIT FCLASS keyword ignored because of insufficient authority.
zADDVOL_I	BIT	1	ADDVOL keyword ignored because of insufficient authority.
zDELVOL_I	BIT	1	DELVOL keyword ignored because of insufficient authority.
zADDMEM_I	BIT	1	ADDMEM keyword ignored because of insufficient authority.
zDELMEM_I	BIT	1	DELMEM keyword ignored because of insufficient authority.
zAPPLDATA_I	BIT	1	APPLDATA keyword ignored because of insufficient authority.
zSINGLEDSDN_I	BIT	1	SINGLEDSDN keyword ignored because of insufficient authority.
zNOSINGLEDSDN_I	BIT	1	NOSINGLEDSDN RESET(WHEN) keyword ignored because of insufficient authority.
zWARNING_I	BIT	1	WARNING keyword ignored because of insufficient authority.
zNOWARNING_I	BIT	1	NOWARNING keyword ignored because of insufficient authority.
zWHEN_I	BIT	1	WHEN keyword ignored because of insufficient authority.

SMF080_RALTER_RACF_Command_Data.zDTA.zCLASSOPT.<fieldname>

zCL_DASDVOL	BIT	1	DASDVOL class (CLASS keyword).
zCL_TAPEVOL	BIT	1	TAPEVOL class (CLASS keyword).
zCL_TERMINAL	BIT	1	TERMINAL class (CLASS keyword).
zGENERIC	BIT	1	Generic resource name specified.

SMF080_RALTER_RACF_Command_Data.zDTA.<fieldname>

zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).
zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword.
zLEVELVAL	INT	1	(IBM name: N/A) LEVEL keyword option.

SMF080_RALTER_RACF_Command_Data.zDTA.zAUDIT_ATTEMPT.<fieldname>

zAUD_ALL	BIT	1	AUDIT access-attempt keyword ALL specified.
zAUD_SUCCESS	BIT	1	AUDIT access-attempt keyword SUCCESS specified.
zAUD_FAILURES	BIT	1	AUDIT access-attempt keyword FAILURES specified.
zAUD_NONE	BIT	1	AUDIT access-attempt keyword NONE specified.

SMF080_RALTER_RACF_Command_Data.zDTA.<fieldname>

zAUDIT_SUCCESS_LEVEL	BINT (ENUM)	2	AUDIT SUCCESS qualifier code.
zAUDIT_FAILURES_LEVEL	BINT (ENUM)	2	AUDIT FAILURES qualifier code.

SMF080_RALTER_RACF_Command_Data.zDTA.zGLOBALAUDIT_ATTEMPT.<fieldname>

zGAUD_ALL	BIT	1	GLOBALAUDIT access-attempt keyword ALL specified.
zGAUD_SUCCESS	BIT	1	GLOBALAUDIT access-attempt keyword SUCCESS specified.
zGAUD_FAILURES	BIT	1	GLOBALAUDIT access-attempt keyword FAILURES specified.
zGAUD_NONE	BIT	1	GLOBALAUDIT access-attempt keyword NONE specified.

SMF080_RALTER_RACF_Command_Data.zDTA.<fieldname>

zGLOBALAUDIT_SUCCESS_LEVEL	BINT (ENUM)	2	GLOBALAUDIT SUCCESS qualifier code.
zGLOBALAUDIT_FAILURES_LEVEL	BINT (ENUM)	2	GLOBALAUDIT FAILURES qualifier code.

SMF080_RALTER_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>

zNOTIFY	BIT	1	NOTIFY keyword specified.
zNONOTIFY	BIT	1	NONOTIFY keyword specified.
zTVTOC	BIT	1	TVTOC keyword specified.
zNOTVTOC	BIT	1	NOTVTOC keyword specified.
zTIMEZONE	BIT	1	TIMEZONE keyword specified.
zNOTIMEZONE	BIT	1	NOTIMEZONE FCLASS keyword specified.
zADDCATEGORY	BIT	1	ADDCATEGORY keyword specified.
zDELCATEGORY	BIT	1	DELCATEGORY keyword specified.
zSECLEVEL	BIT	1	SECLEVEL keyword specified.
zNOSECLEVEL	BIT	1	NOSECLEVEL keyword specified.
zFROM	BIT	1	FROM keyword specified.
zFCLASS	BIT	1	FCLASS keyword specified.
zFVOLUME	BIT	1	FVOLUME keyword specified.
zFGENERIC	BIT	1	FGENERIC keyword specified.
zSECLABEL	BIT	1	SECLABEL keyword specified.
zNOSECLABEL	BIT	1	NOSECLABEL keyword specified.

SMF080_RALTER_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zNOTIFY_I	BIT	1	NOTIFY keyword ignored because of insufficient authority.
zNONOTIFY_I	BIT	1	NONOTIFY keyword ignored because of insufficient authority.
zTVTOC_I	BIT	1	TVTOC keyword ignored because of insufficient authority.
zNOTVTOC_I	BIT	1	NOTVTOC keyword ignored because of insufficient authority.

zTIMEZONE_I	BIT	1	TIMEZONE keyword ignored because of insufficient authority.
zNOTIMEZONE_I	BIT	1	NOTIMEZONE FCLASS keyword ignored because of insufficient authority.
zADDCATEGORY_I	BIT	1	ADDCATEGORY keyword ignored because of insufficient authority.
zDELCATEGORY_I	BIT	1	DELCATEGORY keyword ignored because of insufficient authority.
zSECLEVEL_I	BIT	1	SECLEVEL ignored because of insufficient authority.
zNOSECLEVEL_I	BIT	1	NOSECLEVEL keyword ignored because of insufficient authority.
zFROM_I	BIT	1	FROM keyword ignored because of insufficient authority.
zFCLASS_I	BIT	1	FCLASS keyword ignored because of insufficient authority.
zFVOLUME_I	BIT	1	FVOLUME keyword ignored because of insufficient authority.
zFGENERIC_I	BIT	1	FGENERIC keyword ignored because of insufficient authority.
zSECLABEL_I	BIT	1	SECLABEL keyword ignored because of insufficient authority.
zNOSECLABEL_I	BIT	1	NOSECLABEL keyword ignored because of insufficient authority.

SMF080_RALTER_RACF_Command_Data.zDTA.<fieldname>

zUSER	CHAR	8	(IBM name: N/A) User to be notified when this profile denies access.
zFROM_RES	CHAR	44	(IBM name: N/A) FROM resource name.
zFROM_VOL	CHAR	6	(IBM name: N/A) FROM volume volser.
zFROM_CLASS	CHAR	8	(IBM name: N/A) FROM class name.

SMF080_RALTER_RACF_Command_Data.zDTA.zDAYS.<fieldname>

zSUNDAY	BIT	1	User login on a SUNDAY.
zMONDAY	BIT	1	User login on a MONDAY.
zTUESDAY	BIT	1	User login on a TUESDAY.
zWEDNESDAY	BIT	1	User login on a WEDNESDAY.
zTHURSDAY	BIT	1	User login on a THURSDAY.
zFRIDAY	BIT	1	User login on a FRIDAY.
zSATURDAY	BIT	1	User login on a SATURDAY.
zDAYS_UNSPEC	BIT	1	DAYS unspecified.

SMF080_RALTER_RACF_Command_Data.zDTA.<fieldname>

zTIME1	HEX	3	(IBM name: N/A) Logon time (packed). If time is not specified, this field contains binary zeros.
zTIME2	HEX	3	(IBM name: N/A) Logoff time (packed). If time is not specified, this field contains binary zeros.
zTIMEZONE	HEX	3	(IBM name: N/A) TIMEZONE (packed).
zSECLEVEL	CHAR	44	(IBM name: N/A) SECLEVEL name.
zSECLABEL	CHAR	4	(IBM name: N/A) SECLABEL name.

Secondary segment: **SMF080_RDEFINE_RACF_Command_Data**

Field Name	Type	Len	Description
<i>SMF080_RDEFINE_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_RDEFINE_RACF_Command_Data.zDTA.<fieldname>

SMF080_RDEFINE_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zDATA	BIT	1	DATA keyword specified.
zOWNER	BIT	1	OWNER keyword specified.
zUACC	BIT	1	UACC keyword specified.
zLEVEL	BIT	1	LEVEL keyword specified.
zAUDIT	BIT	1	AUDIT keyword specified.
zGLOBALAUDIT	BIT	1	GLOBALAUDIT FCLASS keyword specified.
zADDDVOL	BIT	1	ADDDVOL keyword specified.
zDELVOL	BIT	1	DELVOL keyword specified.
zADDMEM	BIT	1	ADDMEM keyword specified.
zDELMEM	BIT	1	DELMEM keyword specified.
zAPPLDATA	BIT	1	APPLDATA keyword specified.
zSINGLEDNS	BIT	1	SINGLEDNS keyword specified.
zNOSINGLEDNS	BIT	1	NOSINGLEDNS RESET(WHEN) keyword specified.
zWARNING	BIT	1	WARNING keyword specified.
zNOWARNING	BIT	1	NOWARNING keyword specified.
zWHEN	BIT	1	WHEN keyword specified.

SMF080_RDEFINE_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zDATA_I	BIT	1	DATA keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.
zUACC_I	BIT	1	UACC keyword ignored because of insufficient authority.
zLEVEL_I	BIT	1	LEVEL keyword ignored because of insufficient authority.
zAUDIT_I	BIT	1	AUDIT keyword ignored because of insufficient authority.
zGLOBALAUDIT_I	BIT	1	GLOBALAUDIT FCLASS keyword ignored because of insufficient authority.
zADDDVOL_I	BIT	1	ADDDVOL keyword ignored because of insufficient authority.
zDELVOL_I	BIT	1	DELVOL keyword ignored because of insufficient authority.
zADDMEM_I	BIT	1	ADDMEM keyword ignored because of insufficient authority.
zDELMEM_I	BIT	1	DELMEM keyword ignored because of insufficient authority.
zAPPLDATA_I	BIT	1	APPLDATA keyword ignored because of insufficient authority.
zSINGLEDNS_I	BIT	1	SINGLEDNS keyword ignored because of insufficient authority.
zNOSINGLEDNS_I	BIT	1	NOSINGLEDNS RESET(WHEN) keyword ignored because of insufficient authority.
zWARNING_I	BIT	1	WARNING keyword ignored because of insufficient authority.

zNOWARNING_I	BIT	1	NOWARNING keyword ignored because of insufficient authority.
zWHEN_I	BIT	1	WHEN keyword ignored because of insufficient authority.

SMF080_RDEFINE_RACF_Command_Data.zDTA.zCLASSOPT.<fieldname>

zCL_DASDVOL	BIT	1	DASDVOL class (CLASS keyword).
zCL_TAPEVOL	BIT	1	TAPEVOL class (CLASS keyword).
zCL_TERMINAL	BIT	1	TERMINAL class (CLASS keyword).
zGENERIC	BIT	1	Generic resource name specified.

SMF080_RDEFINE_RACF_Command_Data.zDTA.<fieldname>

zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).
zUACC_AUTH	INT (ENUM)	1	(IBM name: N/A) Authority specified on UACC keyword.
zLEVELVAL	INT	1	(IBM name: N/A) LEVEL keyword option.

SMF080_RDEFINE_RACF_Command_Data.zDTA.zAUDIT_ATTEMPT.<fieldname>

zAUD_ALL	BIT	1	AUDIT access-attempt keyword ALL specified.
zAUD_SUCCESS	BIT	1	AUDIT access-attempt keyword SUCCESS specified.
zAUD_FAILURES	BIT	1	AUDIT access-attempt keyword FAILURES specified.
zAUD_NONE	BIT	1	AUDIT access-attempt keyword NONE specified.

SMF080_RDEFINE_RACF_Command_Data.zDTA.<fieldname>

zAUDIT_SUCCESS_LEVEL	BINT (ENUM)	2	AUDIT SUCCESS qualifier code.
zAUDIT_FAILURES_LEVEL	BINT (ENUM)	2	AUDIT FAILURES qualifier code.

SMF080_RDEFINE_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>

zNOTIFY	BIT	1	NOTIFY keyword specified.
zNONOTIFY	BIT	1	NONOTIFY keyword specified.
zTVTOC	BIT	1	TVTOC keyword specified.
zNOTVTOC	BIT	1	NOTVTOC keyword specified.
zTIMEZONE	BIT	1	TIMEZONE keyword specified.
zNOTIMEZONE	BIT	1	NOTIMEZONE FCLASS keyword specified.
zADDCATEGORY	BIT	1	ADDCATEGORY keyword specified.
zDELCATEGORY	BIT	1	DELCATEGORY keyword specified.
zSECLEVEL	BIT	1	SECLEVEL keyword specified.
zNOSECLEVEL	BIT	1	NOSECLEVEL keyword specified.
zFROM	BIT	1	FROM keyword specified.
zFCLASS	BIT	1	FCLASS keyword specified.
zFVOLUME	BIT	1	FVOLUME keyword specified.
zFGENERIC	BIT	1	FGENERIC keyword specified.
zSECLABEL	BIT	1	SECLABEL keyword specified.
zNOSECLABEL	BIT	1	NOSECLABEL keyword specified.

SMF080_RDEFINE_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zNOTIFY_I	BIT	1	NOTIFY keyword ignored because of insufficient authority.
zNONOTIFY_I	BIT	1	NONOTIFY keyword ignored because of insufficient authority.
zTVTOC_I	BIT	1	TVTOC keyword ignored because of insufficient authority.
zNOTVTOC_I	BIT	1	NOTVTOC keyword ignored because of insufficient authority.
zTIMEZONE_I	BIT	1	TIMEZONE keyword ignored because of insufficient authority.
zNOTIMEZONE_I	BIT	1	NOTIMEZONE FCLASS keyword ignored because of insufficient authority.
zADDCATEGORY_I	BIT	1	ADDCATEGORY keyword ignored because of insufficient authority.
zDELCATEGORY_I	BIT	1	DELCATEGORY keyword ignored because of insufficient authority.
zSECLEVEL_I	BIT	1	SECLEVEL ignored because of insufficient authority.
zNOSECLEVEL_I	BIT	1	NOSECLEVEL keyword ignored because of insufficient authority.
zFROM_I	BIT	1	FROM keyword ignored because of insufficient authority.
zFCLASS_I	BIT	1	FCLASS keyword ignored because of insufficient authority.
zFVOLUME_I	BIT	1	FVOLUME keyword ignored because of insufficient authority.
zFGENERIC_I	BIT	1	FGENERIC keyword ignored because of insufficient authority.
zSECLABEL_I	BIT	1	SECLABEL keyword ignored because of insufficient authority.
zNOSECLABEL_I	BIT	1	NOSECLABEL keyword ignored because of insufficient authority.

SMF080_RDEFINE_RACF_Command_Data.zDTA.<fieldname>

zUSER	CHAR	8	(IBM name: N/A) User to be notified when this profile denies access.
zFROM_RES	CHAR	44	(IBM name: N/A) FROM resource name.
zFROM_VOL	CHAR	6	(IBM name: N/A) FROM volume volser.
zFROM_CLASS	CHAR	8	(IBM name: N/A) FROM class name.

SMF080_RDEFINE_RACF_Command_Data.zDTA.zDAYS.<fieldname>

zSUNDAY	BIT	1	User login on a SUNDAY.
zMONDAY	BIT	1	User login on a MONDAY.
zTUESDAY	BIT	1	User login on a TUESDAY.
zWEDNESDAY	BIT	1	User login on a WEDNESDAY.
zTHURSDAY	BIT	1	User login on a THURSDAY.
zFRIDAY	BIT	1	User login on a FRIDAY.
zSATURDAY	BIT	1	User login on a SATURDAY.
zDAYS_UNSPEC	BIT	1	DAYS unspecified.

SMF080_RDEFINE_RACF_Command_Data.zDTA.<fieldname>

zTIME1	HEX	3	(IBM name: N/A) Logon time (packed). If time is not specified, this field contains binary zeros.
zTIME2	HEX	3	(IBM name: N/A) Logoff time (packed). If time is not specified, this field contains binary zeros.
zTIMEZONE	HEX	3	(IBM name: N/A) TIMEZONE (packed).
zSECLEVEL	CHAR	44	(IBM name: N/A) SECLEVEL name.
zSECLABEL	CHAR	4	

			(IBM name: N/A) SECLABEL name.
--	--	--	-----------------------------------

Secondary segment: SMF080_RDELETE_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_RDELETE_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_RDELETE_RACF_Command_Data.zDTA.<fieldname></i>

<i>SMF080_RDELETE_RACF_Command_Data.zDTA.zCLASSOPT.<fieldname></i>			
zCL_DASDVOL	BIT	1	DASDVOL class (CLASS keyword).
zCL_TAPEVOL	BIT	1	TAPEVOL class (CLASS keyword).
zCL_TERMINAL	BIT	1	TERMINAL class (CLASS keyword).
zGENERIC	BIT	1	Generic resource name specified.

Secondary segment: SMF080_REMOVE_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_REMOVE_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_REMOVE_RACF_Command_Data.zDTA.<fieldname></i>
--

<i>SMF080_REMOVE_RACF_Command_Data.zDTA.zFLAGS1.<fieldname></i>			
zGROUP	BIT	1	GROUP keyword specified.
zOWNER	BIT	1	OWNER keyword specified.

<i>SMF080_REMOVE_RACF_Command_Data.zDTA.zFLAGS2.<fieldname></i>			
zGROUP_I	BIT	1	GROUP keyword ignored because of insufficient authority.
zOWNER_I	BIT	1	OWNER keyword ignored because of insufficient authority.

<i>SMF080_REMOVE_RACF_Command_Data.zDTA.<fieldname></i>			
zUSER	CHAR	8	(IBM name: N/A) User ID to be removed.
zGROUP	CHAR	8	(IBM name: N/A) Group name (GROUP keyword).
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name (OWNER keyword).

Secondary segment: SMF080_SETROPTS_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_SETROPTS_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

<i>SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS1.<fieldname></i>			
zTAPE	BIT	1	TAPE keyword specified.
zNOTAPE	BIT	1	NOTAPE keyword specified.
zINITSTATS	BIT	1	INITSTATS keyword specified.
zNOINITSTATS	BIT	1	NOINITSTATS keyword specified.
zSAUDIT	BIT	1	SAUDIT keyword specified.
zNOSAUDIT	BIT	1	NOSAUDIT keyword specified.
zSTATISTICS	BIT	1	STATISTICS keyword specified.
zNOSTATISTICS	BIT	1	NOSTATISTICS keyword specified.
zAUDIT	BIT	1	AUDIT keyword specified.
zNOAUDIT	BIT	1	NOAUDIT keyword specified.
zTERMINAL	BIT	1	TERMINAL keyword specified.
zNOTERMINAL	BIT	1	NOTERMINAL keyword specified.
zPASSWORD	BIT	1	INTERVAL (PASSWORD) keyword specified.
zCMDVIOL	BIT	1	CMDVIOL keyword specified.
zNOCMDVIOL	BIT	1	NOCMDVIOL keyword specified.
zDASD	BIT	1	DASD keyword specified.
zNODASD	BIT	1	NODASD keyword specified.
zCLASSACT	BIT	1	CLASSACT keyword specified.
zNOCLASSACT	BIT	1	NOCLASSACT keyword specified.
zHISTORY	BIT	1	HISTORY or NOHISTORY keyword specified.
zWARNING	BIT	1	WARNING or NOWARNING keyword specified.
zREVOKE	BIT	1	REVOKE or NOREVOKE keyword specified.
zRULES	BIT	1	NORULES or RULEn keyword specified.
zINACTIVE_INT	BIT	1	INACTIVE INTERVAL keyword specified.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zTAPE_I	BIT	1	TAPE keyword ignored because of insufficient authority.
zNOTAPE_I	BIT	1	NOTAPE keyword ignored because of insufficient authority.
zINITSTATS_I	BIT	1	INITSTATS keyword ignored because of insufficient authority.
zNOINITSTATS_I	BIT	1	NOINITSTATS keyword ignored because of insufficient authority.
zSAUDIT_I	BIT	1	SAUDIT keyword ignored because of insufficient authority.
zNOSAUDIT_I	BIT	1	NOSAUDIT keyword ignored because of insufficient authority.
zSTATISTICS_I	BIT	1	STATISTICS keyword ignored because of insufficient authority.
zNOSTATISTICS_I	BIT	1	NOSTATISTICS keyword ignored because of insufficient authority.

zAUDIT_I	BIT	1	AUDIT keyword ignored because of insufficient authority.
zNOAUDIT_I	BIT	1	NOAUDIT keyword ignored because of insufficient authority.
zTERMINAL_I	BIT	1	TERMINAL keyword ignored because of insufficient authority.
zNOTERMINAL_I	BIT	1	NOTERMINAL keyword ignored because of insufficient authority.
zPASSWORD_I	BIT	1	INTERVAL (PASSWORD) keyword ignored because of insufficient authority.
zCMDVIOL_I	BIT	1	CMDVIOL keyword ignored because of insufficient authority.
zNOCMDVIOL_I	BIT	1	NOCMDVIOL keyword ignored because of insufficient authority.
zDASD_I	BIT	1	DASD keyword ignored because of insufficient authority.
zNODASD_I	BIT	1	NODASD keyword ignored because of insufficient authority.
zCLASSACT_I	BIT	1	CLASSACT keyword ignored because of insufficient authority.
zNOCLASSACT_I	BIT	1	NOCLASSACT keyword ignored because of insufficient authority.
zHISTORY_I	BIT	1	HISTORY or NOHISTORY keyword ignored because of insufficient authority.
zWARNING_I	BIT	1	WARNING or NOWARNING keyword ignored because of insufficient authority.
zREVOKE_I	BIT	1	REVOKE or NOREVOKE keyword ignored because of insufficient authority.
zRULES_I	BIT	1	NORULES or RULEn keyword ignored because of insufficient authority.
zINACTIVE_INT_I	BIT	1	INACTIVE INTERVAL keyword ignored because of insufficient authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zSTATS_CLASS.<fieldname>

zST_DATASET	BIT	1	Class DATASET specified on STATISTICS or NOSTATISTICS keyword).
zST_DASDVOL	BIT	1	Class DASDVOL specified on STATISTICS or NOSTATISTICS keyword).
zST_TAPEVOL	BIT	1	Class TAPEVOL specified on STATISTICS or NOSTATISTICS keyword).
zST_TERMINAL	BIT	1	Class TERMINAL specified on STATISTICS or NOSTATISTICS keyword).

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS3.<fieldname>

zMODEL_GDG_I	BIT	1	MODEL-GDG keyword ignored because of insufficient authority.
zMODEL_NOGDG_I	BIT	1	MODEL-NOGDG keyword ignored because of insufficient authority.
zMODEL_USER_I	BIT	1	MODEL-USER keyword ignored because of insufficient authority.
zMODEL_NOUSER_I	BIT	1	MODEL-NOUSER keyword ignored because of insufficient authority.
zMODEL_GROUP_I	BIT	1	MODEL-GROUP keyword ignored because of insufficient authority.
zMODEL_NOGROUP_I	BIT	1	MODEL-NOGROUP keyword ignored because of insufficient authority.
zGRPLIST_I	BIT	1	GRPLIST keyword ignored because of insufficient authority.
zNOGRPLIST_I	BIT	1	NOGRPLIST keyword ignored because of insufficient authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zSTATS_AUDIT.<fieldname>

zAU_GROUP	BIT	1	Class GROUP specified on AUDIT or NOAUDIT keyword).
zAU_USER	BIT	1	Class USER specified on AUDIT or NOAUDIT keyword).
zAU_DATASET	BIT	1	Class DATASET specified on AUDIT or NOAUDIT keyword).

zAU_DASDVOL	BIT	1	Class DASDVOL specified on AUDIT or NOAUDIT keyword).
zAU_TAPEVOL	BIT	1	Class TAPEVOL specified on AUDIT or NOAUDIT keyword).
zAU_TERMINAL	BIT	1	Class TERMINAL specified on AUDIT or NOAUDIT keyword).

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS4.<fieldname>

zMODEL_GDG	BIT	1	MODEL-GDG keyword specified.
zMODEL_NOGDG	BIT	1	MODEL-NOGDG keyword specified.
zMODEL_USER	BIT	1	MODEL-USER keyword specified.
zMODEL_NOUSER	BIT	1	MODEL-NOUSER keyword specified.
zMODEL_GROUP	BIT	1	MODEL-GROUP keyword specified.
zMODEL_NOGROUP	BIT	1	MODEL-NOGROUP keyword specified.
zGRPLIST	BIT	1	GRPLIST keyword specified.
zNOGRPLIST	BIT	1	NOGRPLIST keyword specified.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zINTERVAL	INT	1	(IBM name: N/A) Change-interval (INTERVAL keyword).
zTERM_UACC_D	INT (ENUM)	1	(IBM name: N/A) TERMINAL default UACC authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zSTATS_OPT.<fieldname>

zBYPASS_RACINIT	BIT	1	Bypass RACINIT statistics.
zBYPASS_DS	BIT	1	Bypass data set statistics.
zBYPASS_TAPEVOL	BIT	1	Bypass tape volume statistics.
zBYPASS_DASDVOL	BIT	1	Bypass DASD volume statistics.
zBYPASS_TERMINAL	BIT	1	Bypass terminal statistics.
zBYPASS_ADSP	BIT	1	Bypass ADSP attribute.
zEGN_ACTIVE	BIT	1	EGN in effect.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zAUDIT_OPT.<fieldname>

zLOG_GROUP	BIT	1	Log group class.
zLOG_USER	BIT	1	Log user class.
zLOG_DATASET	BIT	1	Log data set class.
zLOG_DASDVOL	BIT	1	Log DASD volume class.
zLOG_TAPEVOL	BIT	1	Log tape volume class.
zLOG_TERMINAL	BIT	1	Log terminal class.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zMISC1_OPT.<fieldname>

zTERM_CHK	BIT	1	Perform terminal authorization checking.
zTERM_UACC	BINT (ENUM)	1	(IBM name: N/A) Terminal UACC=NONE (if this bit is off, terminal UACC=READ).
zLOG_CMD	BIT	1	Log RACF command violations.
zLOG_USER	BIT	1	Log SPECIAL user activity.
zPROT_TAPEVOL	BIT	1	Tape volume protection is in effect.
zPROT_DASDVOL	BIT	1	DASD volume protection is in effect.
zGENPROF	BIT	1	Generic profile processing is in effect for the DATASET class.
zGENCMD	BIT	1	

			Generic command (GENCMD) processing is in effect for the DATASET class.
zREALDSN	BIT	1	REALDSN is in effect.
zJES_XBMALLRACF	BIT	1	JES-XBMALLRACF is in effect.
zJES_EARLYVERIFY	BIT	1	JES-EARLYVERIFY is in effect.
zJES_BATCHALLRACF	BIT	1	JES-BATCHALLRACF is in effect.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zPASS_INT	INT	1	(IBM name: N/A) Maximum password interval.
zPASS_HIST	INT	1	(IBM name: N/A) Password history generation value.
zPASS_REVOKE	INT	1	(IBM name: N/A) Password revoke value.
zPASS_WARN	INT	1	(IBM name: N/A) Password warning level.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zPASS_RULES.<fieldname>

zSTARTLEN	INT	1	(IBM name: N/A) Starting length value.
zENDLEN	INT	1	(IBM name: N/A) Ending length value.
zRULES	CHAR	8	(IBM name: N/A) Character content rules for each of the eight possible positions. The character values are: L = Alphanumeric, A = Alphabetic, N = Numeric, V = Vowel, C = Consonant, W = No vowels, c = Mixed consonant, m = Mixed numeric, v = Mixed vowel, \$ = National, s = Special, x = Mixed all, * = Anything.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zPASS_INACT	INT	1	(IBM name: N/A) User ID inactive interval.
-------------	-----	---	---

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS5.<fieldname>

zADSP	BIT	1	ADSP keyword specified.
zNOADSP	BIT	1	NOADSP keyword specified.
zGENERIC	BIT	1	GENERIC keyword specified.
zNOGENERIC	BIT	1	NOGENERIC keyword specified.
zGENCMD	BIT	1	GENCMD keyword specified.
zNOGENCMD	BIT	1	NOGENCMD keyword specified.
zGLOBAL	BIT	1	GLOBAL keyword specified.
zNOGLOBAL	BIT	1	NOGLOBAL keyword specified.
zPREFIX	BIT	1	PREFIX keyword specified.
zNOPREFIX	BIT	1	NOPREFIX keyword specified.
zREALDSN	BIT	1	REALDSN keyword specified.
zNOREALDSN	BIT	1	NOREALDSN keyword specified.
zJES_XBMALLRACF	BIT	1	JES-XBMALLRACF keyword specified.
zJES_NOXBMALLRACF	BIT	1	JES-NOXBMALLRACF keyword specified.
zJES_BATCHALLRACF	BIT	1	JES-BATCHALLRACF keyword specified.
zJES_NOBATCHALLRACF	BIT	1	JES-NOBATCHALLRACF keyword specified.
zJES_EARLYVERIFY	BIT	1	JES-EARLYVERIFY keyword specified.

zJES_NOEARLYVERIFY	BIT	1	JES-NOEARLYVERIFY keyword specified.
zREFRESH	BIT	1	REFRESH keyword specified.
zPROTECTALL_WARNING	BIT	1	PROTECTALL-WARNING keyword specified.
zPROTECTALL_FAILURE	BIT	1	PROTECTALL-FAILURE keyword specified.
zNOPROTECTALL	BIT	1	NOPROTECTALL keyword specified.
zEGN	BIT	1	EGN keyword specified.
zNOEGN	BIT	1	NOEGN keyword specified.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS6.<fieldname>			
zADSP_I	BIT	1	ADSP keyword ignored because of insufficient authority.
zNOADSP_I	BIT	1	NOADSP keyword ignored because of insufficient authority.
zGENERIC_I	BIT	1	GENERIC keyword ignored because of insufficient authority.
zNOGENERIC_I	BIT	1	NOGENERIC keyword ignored because of insufficient authority.
zGENCMD_I	BIT	1	GENCMD keyword ignored because of insufficient authority.
zNOGENCMD_I	BIT	1	NOGENCMD keyword ignored because of insufficient authority.
zGLOBAL_I	BIT	1	GLOBAL keyword ignored because of insufficient authority.
zNOGLOBAL_I	BIT	1	NOGLOBAL keyword ignored because of insufficient authority.
zPREFIX_I	BIT	1	PREFIX keyword ignored because of insufficient authority.
zNOPREFIX_I	BIT	1	NOPREFIX keyword ignored because of insufficient authority.
zREALDSN_I	BIT	1	REALDSN keyword ignored because of insufficient authority.
zNOREALDSN_I	BIT	1	NOREALDSN keyword ignored because of insufficient authority.
zJES_XBMALLRACF_I	BIT	1	JES-XBMALLRACF keyword ignored because of insufficient authority.
zJES_NOXBMALLRACF_I	BIT	1	JES-NOXBMALLRACF keyword ignored because of insufficient authority.
zJES_BATCHALLRACF_I	BIT	1	JES-BATCHALLRACF keyword ignored because of insufficient authority.
zJES_NOBATCHALLRACF_I	BIT	1	JES-NOBATCHALLRACF keyword ignored because of insufficient authority.
zJES_EARLYVERIFY_I	BIT	1	JES-EARLYVERIFY keyword ignored because of insufficient authority.
zJES_NOEARLYVERIFY_I	BIT	1	JES-NOEARLYVERIFY keyword ignored because of insufficient authority.
zREFRESH_I	BIT	1	REFRESH keyword ignored because of insufficient authority.
zPROTECTALL_WARNING_I	BIT	1	PROTECTALL-WARNING keyword ignored because of insufficient authority.
zPROTECTALL_FAILURE_I	BIT	1	PROTECTALL-FAILURE keyword ignored because of insufficient authority.
zNOPROTECTALL_I	BIT	1	NOPROTECTALL keyword ignored because of insufficient authority.
zEGN_I	BIT	1	EGN keyword ignored because of insufficient authority.
zNOEGN_I	BIT	1	NOEGN keyword ignored because of insufficient authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>			
zDSNPFX	CHAR	8	(IBM name: N/A) Single-level data set name prefix.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS7.<fieldname>			
zTAPEDSN	BIT	1	TAPEDSN keyword specified.

zNOTAPEDSN	BIT	1	NOTAPEDSN keyword specified.
zNOEOS	BIT	1	NOEOS keyword specified.
zEOS	BIT	1	EOS keyword specified.
zEOS_SECLEVEL	BIT	1	EOS-SECLEVEL keyword specified.
zEOS_NOSECLEVEL	BIT	1	EOS-NOSECLEVEL keyword specified.
zRETPD	BIT	1	RETPD keyword specified.
zWHEN	BIT	1	WHEN keyword specified.
zNOWHEN	BIT	1	NOWHEN keyword specified.
zOPERAUDIT	BIT	1	OPERAUDIT keyword specified.
zNOOPERAUDIT	BIT	1	NOOPERAUDIT keyword specified.
zRVARY_SWITCH	BIT	1	RVARY SWITCH keyword specified.
zRVARY_ACTIVE	BIT	1	RVARY ACTIVE/INACTIVE keyword specified.
zERASE_ALL	BIT	1	ERASE-ALL keyword specified.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS8.<fieldname>

zTAPEDSN_I	BIT	1	TAPEDSN keyword ignored because of insufficient authority.
zNOTAPEDSN_I	BIT	1	NOTAPEDSN keyword ignored because of insufficient authority.
zNOEOS_I	BIT	1	NOEOS keyword ignored because of insufficient authority.
zEOS_I	BIT	1	EOS keyword ignored because of insufficient authority.
zEOS_SECLEVEL_I	BIT	1	EOS-SECLEVEL keyword ignored because of insufficient authority.
zEOS_NOSECLEVEL_I	BIT	1	EOS-NOSECLEVEL keyword ignored because of insufficient authority.
zRETPD_I	BIT	1	RETPD keyword ignored because of insufficient authority.
zWHEN_I	BIT	1	WHEN keyword ignored because of insufficient authority.
zNOWHEN_I	BIT	1	NOWHEN keyword ignored because of insufficient authority.
zOPERAUDIT_I	BIT	1	OPERAUDIT keyword ignored because of insufficient authority.
zNOOPERAUDIT_I	BIT	1	NOOPERAUDIT keyword ignored because of insufficient authority.
zRVARY_SWITCH_I	BIT	1	RVARY SWITCH keyword ignored because of insufficient authority.
zRVARY_ACTIVE_I	BIT	1	RVARY ACTIVE/INACTIVE keyword ignored because of insufficient authority.
zERASE_ALL_I	BIT	1	ERASE-ALL keyword ignored because of insufficient authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zERASE_SECLEVEL	INT	1	(IBM name: N/A) Erase on scratch security level.
zRETPD	INT	1	(IBM name: N/A) Retention period.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zMISC2_OPT.<fieldname>

zPROTALL_WARN	BIT	1	PROTECTALL-WARNING.
zPROTALL_FAIL	BIT	1	PROTECTALL-FAILURES.
zEOS	BIT	1	EOS.
zEOS_SECLEVEL	BIT	1	EOS-SECLEVEL.
zTAPEDSN	BIT	1	TAPEDSN.
zWHEN	BIT	1	WHEN.

zEOS_ALL	BIT	1	EOS ALL IN EFFECT (erase everything).
----------	-----	---	---------------------------------------

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS9.<fieldname>			
zGENLIST	BIT	1	GENLIST keyword specified.
zNOGENLIST	BIT	1	NOGENLIST keyword specified.
zRACLIST	BIT	1	RACLIST keyword specified.
zNORACLIST	BIT	1	NORACLIST keyword specified.
zSECLEVELAUDIT	BIT	1	SECLEVELAUDIT keyword specified.
zNOSECLEVELAUDIT	BIT	1	NOSECLEVELAUDIT keyword specified.
zSECLABELAUDIT	BIT	1	SECLABELAUDIT keyword specified.
zNOSECLABELAUDIT	BIT	1	NOSECLABELAUDIT keyword specified.
zSECLABELCONTROL	BIT	1	SECLABELCONTROL keyword specified.
zNOSECLABELCONTROL	BIT	1	NOSECLABELCONTROL keyword specified.
zMLQUIET	BIT	1	MLQUIET keyword specified.
zNOMLQUIET	BIT	1	NOMLQUIET keyword specified.
zMLSTABLE	BIT	1	MLSTABLE keyword specified.
zNOMLSTABLE	BIT	1	NOMLSTABLE keyword specified.
zGENERICOWNER	BIT	1	GENERICOWNER keyword specified.
zNOGENERICOWNER	BIT	1	NOGENERICOWNER keyword specified.
zSESSIONINTERVAL	BIT	1	SESSIONINTERVAL keyword specified.
zNOSESSIONINTERVAL	BIT	1	NOSESSIONINTERVAL keyword specified.
zJES_NJEUSERID	BIT	1	JES NJEUSERID (user ID) keyword specified.
zJES_UNDEFINEDUSER	BIT	1	JES UNDEFINEDUSER (user ID) keyword specified.
zCOMPATMODE	BIT	1	COMPATMODE keyword specified.
zNOCOMPATMODE	BIT	1	NOCOMPATMODE keyword specified.
zMLS_WARNING	BIT	1	MLS WARNING keyword specified.
zMLS_FAILURES	BIT	1	MLS FAILURES keyword specified.
zNOMLS	BIT	1	NOMLS keyword specified.
zMLACTIVE_WARNING	BIT	1	MLACTIVE WARNING keyword specified.
zMLACTIVE_FAILURES	BIT	1	MLACTIVE FAILURES keyword specified.
zNOMLACTIVE	BIT	1	NOMLACTIVE keyword specified.
zCATDSNS_WARNING	BIT	1	CATDSNS WARNING keyword specified.
zCATDSNS_FAILURES	BIT	1	CATDSNS FAILURES keyword specified.
zNOCATDSNS	BIT	1	NOCATDSNS keyword specified.
zLOGOPTIONS	BIT	1	LOGOPTIONS keyword specified.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS10.<fieldname>			
zGENLIST_I	BIT	1	GENLIST keyword ignored because of insufficient authority.
zNOGENLIST_I	BIT	1	NOGENLIST keyword ignored because of insufficient authority.
zRACLIST_I	BIT	1	RACLIST keyword ignored because of insufficient authority.
zNORACLIST_I	BIT	1	NORACLIST keyword ignored because of insufficient authority.
zSECLEVELAUDIT_I	BIT	1	SECLEVELAUDIT keyword ignored because of insufficient authority.
zNOSECLEVELAUDIT_I	BIT	1	NOSECLEVELAUDIT keyword ignored because of insufficient authority.

zSECLABELAUDIT_I	BIT	1	SECLABELAUDIT keyword ignored because of insufficient authority.
zNOSECLABELAUDIT_I	BIT	1	NOSECLABELAUDIT keyword ignored because of insufficient authority.
zSECLABELCONTROL_I	BIT	1	SECLABELCONTROL keyword ignored because of insufficient authority.
zNOSECLABELCONTROL_I	BIT	1	NOSECLABELCONTROL keyword ignored because of insufficient authority.
zMLQUIET_I	BIT	1	MLQUIET keyword ignored because of insufficient authority.
zNOMLQUIET_I	BIT	1	NOMLQUIET keyword ignored because of insufficient authority.
zMLSTABLE_I	BIT	1	MLSTABLE keyword ignored because of insufficient authority.
zNOMLSTABLE_I	BIT	1	NOMLSTABLE keyword ignored because of insufficient authority.
zGENERICOWNER_I	BIT	1	GENERICOWNER keyword ignored because of insufficient authority.
zNOGENERICOWNER_I	BIT	1	NOGENERICOWNER keyword ignored because of insufficient authority.
zSESSIONINTERVAL_I	BIT	1	SESSIONINTERVAL keyword ignored because of insufficient authority.
zNOSESSIONINTERVAL_I	BIT	1	NOSESSIONINTERVAL keyword ignored because of insufficient authority.
zJES_NJEUSERID_I	BIT	1	JES NJEUSERID (user ID) keyword ignored because of insufficient authority.
zJES_UNDEFINEDUSER_I	BIT	1	JES UNDEFINEDUSER (user ID) keyword ignored because of insufficient authority.
zCOMPATMODE_I	BIT	1	COMPATMODE keyword ignored because of insufficient authority.
zNOCOMPATMODE_I	BIT	1	NOCOMPATMODE keyword ignored because of insufficient authority.
zMLS_WARNING_I	BIT	1	MLS WARNING keyword ignored because of insufficient authority.
zMLS_FAILURES_I	BIT	1	MLS FAILURES keyword ignored because of insufficient authority.
zNOMLS_I	BIT	1	NOMLS keyword ignored because of insufficient authority.
zMLACTIVE_WARNING_I	BIT	1	MLACTIVE WARNING keyword ignored because of insufficient authority.
zMLACTIVE_FAILURES_I	BIT	1	MLACTIVE FAILURES keyword ignored because of insufficient authority.
zNOMLACTIVE_I	BIT	1	NOMLACTIVE keyword ignored because of insufficient authority.
zCATDSNS_WARNING_I	BIT	1	CATDSNS WARNING keyword ignored because of insufficient authority.
zCATDSNS_FAILURES_I	BIT	1	CATDSNS FAILURES keyword ignored because of insufficient authority.
zNOCATDSNS_I	BIT	1	NOCATDSNS keyword ignored because of insufficient authority.
zLOGOPTIONS_I	BIT	1	LOGOPTIONS keyword ignored because of insufficient authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zSECLEVEL_AUDIT	INT	1	(IBM name: N/A) SECLEVEL audit value (auditing occurs for all resources having at least this value).
zSESSIONINTERVAL_VAL	INT	2	(IBM name: N/A) SESSIONINTERVAL interval.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zLOG_OPT.<fieldname>

zALWAYS	BIT	1	ALWAYS log option for data set.
zNEVER	BIT	1	NEVER log option for data set.

zSUCSESSES	BIT	1	SUCSESSES log option for data set.
zFAILURES	BIT	1	FAILURES log option for data set.
zDEFAULT	BIT	1	DEFAULT log option for data set.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zSEC1_OPT.<fieldname>

zSECLABELAUDIT	BIT	1	SECLABELAUDIT set for multilevel security.
zSECLABELCONTROL	BIT	1	SECLABELCONTROL set for multilevel security.
zMLQUIET	BIT	1	MLQUIET set for multilevel security.
zMLSTABLE	BIT	1	MLSTABLE set for multilevel security.
zGENERICOWNER	BIT	1	GENERICOWNER set for multilevel security.
zCOMPATMODE	BIT	1	COMPATMODE set for multilevel security.
zMLS_WARNING	BIT	1	MLS WARNING set for multilevel security.
zMLS_FAILURES	BIT	1	MLS FAILURES set for multilevel security.
zMLACTIVE_WARNING	BIT	1	MLACTIVE WARNING set for multilevel security.
zMLACTIVE_FAILURES	BIT	1	MLACTIVE FAILURES set for multilevel security.
zCATDSNS_WARNING	BIT	1	CATDSNS WARNING set for multilevel security.
zCATDSNS_FAILURES	BIT	1	CATDSNS FAILURES set for multilevel security.
zAPPLAUDIT	BIT	1	APPLAUDIT set for multilevel security.
zADDCREATOR	BIT	1	ADDCREATOR set for multilevel security.
zENHANCEDGENERICOWNER	BIT	1	ENHANCEDGENERICOWNER set for multilevel security.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zNJEUSERID	CHAR	8	(IBM name: N/A) User ID for JES NJEUSERID.
zUNDEFINEDUSER	CHAR	8	(IBM name: N/A) User ID for JES UNDEFINEDUSER.
zPASS_MINCHANGE	INT	1	(IBM name: N/A) MINCHANGE interval value.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS11.<fieldname>

zPRIMARY	BIT	1	Primary language specified.
zSECONDARY	BIT	1	Secondary language specified.
zADDCREATOR	BIT	1	ADDCREATOR specified.
zNOADDCREATOR	BIT	1	NOADDCREATOR specified.
zLIST	BIT	1	LIST specified.
zKERBLVL	BIT	1	KERBLVL specified.
zEGENERICOWNER	BIT	1	ENHANCEDGENERICOWNER specified.
zPASS_MINCHANGE	BIT	1	Password MINCHANGE specified.
zPASS_MIXEDCASE	BIT	1	Password MIXEDCASE specified.
zPASS_NOMIXEDCASE	BIT	1	Password NOMIXEDCASE specified.
zPASS_SPECIALCHARS	BIT	1	Password SPECIALCHARS specified.
zPASS_NOSPECIALCHARS	BIT	1	Password NOSPECIALCHARS specified.
zPASS_ALGORITHM	BIT	1	Password ALGORITHM specified.
zPASS_NOALGORITHM	BIT	1	Password NOALGORITHM specified.
zMLFSOBJ_ACTIVE	BIT	1	MLFSOBJ(ACTIVE) specified.
zMLFSOBJ_INACTIVE	BIT	1	MLFSOBJ(INACTIVE) specified.

zMLIPCOBJ_ACTIVE	BIT	1	MLIPCOBJ(ACTIVE) specified.
zMLIPCOBJ_INACTIVE	BIT	1	MLIPCOBJ(INACTIVE) specified.
zMLNAMES	BIT	1	MLNAMES specified.
zNOMLNAMES	BIT	1	NOMLNAMES specified.
zSECLBYSYSTEM	BIT	1	SECLBYSYSTEM specified.
zNOSECLBYSYSTEM	BIT	1	NOSECLBYSYSTEM specified.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zFLAGS12.<fieldname>

zPRIMARY_I	BIT	1	Primary language ignored because of insufficient authority.
zSECONDARY_I	BIT	1	Secondary language ignored because of insufficient authority.
zADDCREATOR_I	BIT	1	ADDCREATOR ignored because of insufficient authority.
zNOADDCREATOR_I	BIT	1	NOADDCREATOR ignored because of insufficient authority.
zLIST_I	BIT	1	LIST ignored because of insufficient authority.
zKERBLVL_I	BIT	1	KERBLVL ignored because of insufficient authority.
zEGENERICOWNER_I	BIT	1	ENHANCEDGENERICOWNER ignored because of insufficient authority.
zPASS_MINCHANGE_I	BIT	1	Password MINCHANGE ignored because of insufficient authority.
zPASS_MIXEDCASE_I	BIT	1	Password MIXEDCASE ignored because of insufficient authority.
zPASS_NOMIXEDCASE_I	BIT	1	Password NOMIXEDCASE ignored because of insufficient authority.
zPASS_SPECIALCHARS_I	BIT	1	Password SPECIALCHARS ignored because of insufficient authority.
zPASS_NOSPECIALCHARS_I	BIT	1	Password NOSPECIALCHARS ignored because of insufficient authority.
zPASS_ALGORITHM_I	BIT	1	Password ALGORITHM ignored because of insufficient authority.
zPASS_NOALGORITHM_I	BIT	1	Password NOALGORITHM ignored because of insufficient authority.
zMLFSOBJ_ACTIVE_I	BIT	1	MLFSOBJ(ACTIVE) ignored because of insufficient authority.
zMLFSOBJ_INACTIVE_I	BIT	1	MLFSOBJ(INACTIVE) ignored because of insufficient authority.
zMLIPCOBJ_ACTIVE_I	BIT	1	MLIPCOBJ(ACTIVE) ignored because of insufficient authority.
zMLIPCOBJ_INACTIVE_I	BIT	1	MLIPCOBJ(INACTIVE) ignored because of insufficient authority.
zMLNAMES_I	BIT	1	MLNAMES ignored because of insufficient authority.
zNOMLNAMES_I	BIT	1	NOMLNAMES ignored because of insufficient authority.
zSECLBYSYSTEM_I	BIT	1	SECLBYSYSTEM ignored because of insufficient authority.
zNOSECLBYSYSTEM_I	BIT	1	NOSECLBYSYSTEM ignored because of insufficient authority.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zPRILANG	CHAR	3	(IBM name: N/A) Primary language default.
zSECLANG	CHAR	3	(IBM name: N/A) Secondary language default.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zAST_FLAGS.<fieldname>

zASTGENERIC	BIT	1	Asterisk (*) specified for GENERIC.
zASTGLOBAL	BIT	1	Asterisk (*) specified for GLOBAL.
zASTAUDIT	BIT	1	Asterisk (*) specified for AUDIT.
zASTSTATISTICS	BIT	1	Asterisk (*) specified for STATISTICS.
zASTCLASSACT	BIT	1	Asterisk (*) specified for CLASSACT.

zASTGENCMD	BIT	1	Asterisk (*) specified for GENCMD.
zASTLOGOPT	BIT	1	Asterisk (*) specified for LOGOPTIONS DEFAULT.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zKERBLVL_VAL	INT	1	(IBM name: N/A) KERBLVL setting.
--------------	-----	---	-------------------------------------

SMF080_SETROPTS_RACF_Command_Data.zDTA.zSEC2_OPT.<fieldname>

zMLFSOBJ	BIT	1	MLFSOBJ is active.
zMLIPCOBJ	BIT	1	MLIPCOBJ is active.
zMLNAMES	BIT	1	MLNAMES is active.
zSECLBYSYSTEM	BIT	1	SECLBYSYSTEM is active.

SMF080_SETROPTS_RACF_Command_Data.zDTA.<fieldname>

zPASS_CMINCHANGE	INT	1	(IBM name: N/A) Current minimum password change interval (MINCHANGE).
------------------	-----	---	--

SMF080_SETROPTS_RACF_Command_Data.zDTA.zCURR_OPT.<fieldname>

zPASSMIXED	BIT	1	Mixed case passwords are allowed.
zPASSSPEC	BIT	1	Special characters are allowed in passwords.

SMF080_SETROPTS_RACF_Command_Data.zDTA.zPASS_ALG.<fieldname>

zICHDEX01	BIT	1	Existing algorithm as indicated by ICHDEX01 (masking, DES, or installation-defined).
zKDFAES	BIT	1	KDFAES.

Secondary segment: SMF080_RVARY_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_RVARY_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_RVARY_RACF_Command_Data.zDTA.<fieldname>**SMF080_RVARY_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>**

zACTIVE	BIT	1	ACTIVE keyword specified.
zINACTIVE	BIT	1	INACTIVE keyword specified.
zNOTAPE	BIT	1	NOTAPE keyword specified.
zNOCLASSACT	BIT	1	NOCLASSACT keyword specified.
zSWITCH	BIT	1	SWITCH keyword specified.
zDATASET	BIT	1	DATASET keyword specified.
zLIST	BIT	1	LIST keyword specified.
zNOLIST	BIT	1	NOLIST keyword specified.

SMF080_RVARY_RACF_Command_Data.zDTA.zVIOLATIONS.<fieldname>

zDENIED	BIT	1	Command denied by operator.
---------	-----	---	-----------------------------

zRC	BIT	1	Nonzero code returned from RACF manager during ACTIVE processing.
SMF080_RVARY_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>			
zDATASHARE	BIT	1	DATASHARE keyword specified.
zNODATASHARE	BIT	1	NODATASHARE keyword specified.

Secondary segment: **SMF080_RACLINK_RACF_Command_Data**

Field Name	Type	Len	Description
SMF080_RACLINK_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_RACLINK_RACF_Command_Data.zDTA.<fieldname>			
zPHASEID	CHAR	20	(IBM name: N/A) Phase identifier (1 of 3 values: LOCAL ISSUANCE, TARGET PROCESSING, or TARGET RESPONSE).

SMF080_RACLINK_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zDEFINE	BIT	1	DEFINE keyword specified.
zUNDEFINE	BIT	1	UNDEFINE keyword specified.
zAPPROVE	BIT	1	APPROVE keyword specified.
zPEER	BIT	1	PEER keyword specified.
zMANAGED	BIT	1	MANAGED keyword specified.
zPWSYNC	BIT	1	PWSYNC keyword specified.
zNOPWSYNC	BIT	1	NOPWSYNC keyword specified.
zPASSWORD	BIT	1	Password supplied.

SMF080_RACLINK_RACF_Command_Data.zDTA.<fieldname>			
zNODE	CHAR	8	(IBM name: N/A) Issuing node.
zUSERID	CHAR	8	(IBM name: SMF80UID) Issuing user ID.
zSRCUSER	CHAR	8	(IBM name: N/A) Source user ID for association (from ID keyword).
zTGTCODE	CHAR	8	(IBM name: N/A) Target node name.
zTGTUSER	CHAR	8	(IBM name: N/A) Target user ID.
zTGTAUTHID	CHAR	8	(IBM name: N/A) Target authorization ID (ID under whose authority the association was established).
zLOCSMFID	CHAR	4	(IBM name: N/A) Originating system's SMF ID from where LOCAL ISSUANCE occurred.
zLOCTS	TSTMP	8	(IBM name: N/A) Original time stamp (local time) from when LOCAL ISSUANCE occurred.

SMF080_RACLINK_RACF_Command_Data.zDTA.zSTATUS.<fieldname>			
zASSOC_EST	BIT	1	Association established.

zASSOC_PEND	BIT	1	Association pending.
zASSOC_DEL	BIT	1	Association deleted.
zPASS_INV	BIT	1	Password supplied is not valid.
zPASS_OK	BIT	1	Valid password supplied.
zPASS_EXP	BIT	1	Expired password supplied.
zREVOKED	BIT	1	Revoked user ID.

Secondary segment: SMF080_RACDCERT_RACF_Command_Data

Field Name	Type	Len	Description
<i>SMF080_RACDCERT_RACF_Command_Data.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_RACDCERT_RACF_Command_Data.zDTA.<fieldname>

<i>SMF080_RACDCERT_RACF_Command_Data.zDTA.zFLAGS1.<fieldname></i>			
Field Name	Type	Len	Description
zADD	BIT	1	ADD keyword specified.
zALTER	BIT	1	ALTER keyword specified.
zDELETE	BIT	1	DELETE keyword specified.
zCONNECT	BIT	1	CONNECT keyword specified.
zREMOVE	BIT	1	REMOVE keyword specified.
zSITE	BIT	1	SITE keyword specified.
zCERTAUTH	BIT	1	CERTAUTH keyword specified.
zICSF	BIT	1	ICSF keyword specified.
zTRUST	BIT	1	TRUST keyword specified.
zNOTRUST	BIT	1	NOTRUST keyword specified.
zADDRING	BIT	1	ADDRING keyword specified.
zDelRing	BIT	1	DelRing keyword specified.
zUSAGE_PERSONAL	BIT	1	USAGE(PERSONAL) keyword specified.
zUSAGE_SITE	BIT	1	USAGE(SITE) keyword specified.
zUSAGE_CERTAUTH	BIT	1	USAGE(CERTAUTH) keyword specified.
zDEFAULT	BIT	1	DEFAULT keyword specified.
zCONNECT_SITE	BIT	1	CONNECT(SITE) keyword specified.
zCONNECT_CERTAUTH	BIT	1	CONNECT(CERTAUTH) keyword specified.
zGENCERT	BIT	1	GENCERT keyword specified.
zEXPORT	BIT	1	EXPORT keyword specified.
zGENREQ	BIT	1	GENREQ keyword specified.
zSIGNWITH_CERTAUTH	BIT	1	SIGNWITH(CERTAUTH... NOPWSYNC keyword specified.
zSIGNWITH_SITE	BIT	1	SIGNWITH(SITE... keyword specified.
zPASSWORD	BIT	1	PASSWORD keyword specified.
zMAP	BIT	1	MAP keyword specified.

zALTMAP	BIT	1	ALTMAP keyword specified.
zDELMAP	BIT	1	DELMAP keyword specified.
zMULTIID	BIT	1	MULTIID keyword specified.
zHIGHTRUST	BIT	1	HIGHTRUST keyword specified.
zPCICC	BIT	1	PCICC keyword specified.
zDSA	BIT	1	DSA keyword specified.
zFROMICSF	BIT	1	FROMICSF keyword specified.

SMF080_RACDCERT_RACF_Command_Data.zDTA.<fieldname>

zID	CHAR	8	(IBM name: N/A) User ID (from ID keyword on RACDCERT).
zDSN	CHAR	44	(IBM name: N/A) Data set name.
zLABEL	CHAR	32	(IBM name: N/A) Label name.
zIDSUB	CHAR	8	(IBM name: N/A) User ID (from ID sub-keyword).
zWITHLABEL	CHAR	32	(IBM name: N/A) WITHLABEL.
zSIZE	INT	4	(IBM name: N/A) SIZE.
zNOTBDATE	CHAR	10	(IBM name: N/A) NOTBEFORE(date) in the format yyyy/mm/dd.
zNOTBTIME	CHAR	8	(IBM name: N/A) NOTBEFORE(time) in the format hh:mm:ss.
zNOTADATE	CHAR	10	(IBM name: N/A) NOTAFTER(date) in the format yyyy/mm/dd.
zNOTATIME	CHAR	8	(IBM name: N/A) NOTAFTER(time) in the format hh:mm:ss.
zFORMAT	INT (ENUM)	1	(IBM name: N/A) FORMAT.

SMF080_RACDCERT_RACF_Command_Data.zDTA.zFLAGS2.<fieldname>

zALTIP	BIT	1	ALTIP keyword specified.
zALTEMAIL	BIT	1	ALTEMAIL keyword specified.
zALTDOMAIN	BIT	1	ALTDOMAIN keyword specified.
zALTURI	BIT	1	ALTURI keyword specified.
zKUHANDSHAKE	BIT	1	KUHANDSHAKE keyword specified.
zKUDATAENCR	BIT	1	KUDATAENCR keyword specified.
zKUDOCSIGN	BIT	1	KUDOCSIGN keyword specified.
zKUCERTSIGN	BIT	1	KUCERTSIGN keyword specified.
zREKEY	BIT	1	REKEY keyword specified.
zROLLOVER	BIT	1	ROLLOVER keyword specified.
zFORCE	BIT	1	FORCE keyword specified.
zADDTOKEN	BIT	1	ADDTOKEN keyword specified.
zDELTOKEN	BIT	1	DELTOKEN keyword specified.
zBIND	BIT	1	BIND keyword specified.
zUNBIND	BIT	1	UNBIND keyword specified.
zIMPORT	BIT	1	IMPORT keyword specified.

zNISTECC	BIT	1	NISTECC keyword specified.
zBPECC	BIT	1	BPECC keyword specified.
zKUKEYAGREE	BIT	1	KUKEYAGREE keyword specified.
zRSA	BIT	1	RSA keyword specified.
zPKDS	BIT	1	PKDS keyword specified.
zTOKEN	BIT	1	TOKEN keyword specified.
SMF080_RACDCERT_RACF_Command_Data.zDTA.<fieldname>			
zSEQNUM	INT	4	(IBM name: N/A) SEQNUM.

Secondary segment: SMF080_RACMAP_RACF_Command_Data

Field Name	Type	Len	Description
SMF080_RACMAP_RACF_Command_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_RACMAP_RACF_Command_Data.zDTA.<fieldname>			
SMF080_RACMAP_RACF_Command_Data.zDTA.zFLAGS1.<fieldname>			
zMAP	BIT	1	MAP keyword specified.
zDELMAP	BIT	1	DELMAP keyword specified.
zQUERY	BIT	1	QUERY keyword specified.
SMF080_RACMAP_RACF_Command_Data.zDTA.<fieldname>			
zID	CHAR	8	(IBM name: N/A) User ID.
zLABEL	CHAR	32	(IBM name: N/A) Label name.

Secondary segment: SMF080_Installation_Defined_Data

Field Name	Type	Len	Description
SMF080_Installation_Defined_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Installation_Defined_Data.zDTA.<fieldname>			
zDATA	XVCHAR	0 255	(IBM name: N/A) DATA installation-defined data (ADDUSER, ALTUSER, RALTER, RDEFINE, ADDGROUP, ALTGROUP, ADDSD, ALTDSD)

Secondary segment: SMF080_UserName

Field Name	Type	Len	Description
<i>SMF080_UserName.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_UserName.zDTA.<fieldname></i>			
zNAME	XVCHAR	0 20	(IBM name: N/A) NAME user-name (ADDUSER, ALTUSER)

Secondary segment: SMF080_ResourceName

Field Name	Type	Len	Description
<i>SMF080_ResourceName.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_ResourceName.zDTA.<fieldname></i>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) Resource name (PERMIT, RALTER, RDEFINE, RDELETE)

Secondary segment: SMF080_Add_Volume

Field Name	Type	Len	Description
<i>SMF080_Add_Volume.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Add_Volume.zDTA.<fieldname></i>			
zVOL_PROCESSED	BINT (ENUM)	1	(IBM name: SMF80DTA) The volume was processed. (Yes or No).
zVOLUME	CHAR	6	(IBM name: N/A) Volume serial number.

Secondary segment: SMF080_Delete_Volume

Field Name	Type	Len	Description
<i>SMF080_Delete_Volume.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	

			(IBM name: SMF80DLN) Length of data that follows
SMF080_Delete_Volume.zDTA.<fieldname>			
zVOL_PROCESSED	BINT (ENUM)	1	(IBM name: SMF80DTA) The volume was processed. (Yes or No).
zVOLUME	CHAR	6	(IBM name: N/A) Volume serial number.

Secondary segment: **SMF080_Permit_Ids**

Field Name	Type	Len	Description
SMF080_Permit_Ids.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Permit_Ids.zDTA.<fieldname>			
zIGNORED	BINT (ENUM)	1	(IBM name: SMF80DTA) ID ignored because of processing error. (Yes or No).
zIDNAME	CHAR	8	(IBM name: N/A) PERMIT ID Name.

Secondary segment: **SMF080_From_ResourceName**

Field Name	Type	Len	Description
SMF080_From_ResourceName.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_From_ResourceName.zDTA.<fieldname>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) FROM Resource name (PERMIT, ADDSD, RDEFINE)

Secondary segment: **SMF080_Permit_Volume**

Field Name	Type	Len	Description
SMF080_Permit_Volume.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Permit_Volume.zDTA.<fieldname>			
zVOLUME	CHAR	6	

			(IBM name: N/A) PERMIT VOLUME - Volume Serial Number.
zFVOLUME	CHAR	6	(IBM name: N/A) PERMIT FVOLUME - Volume Serial Number.

Secondary segment: SMF080_Auth_or_Define_Volume

Field Name	Type	Len	Description
<i>SMF080_Auth_or_Define_Volume.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Auth_or_Define_Volume.zDTA.<fieldname></i>			
zVOLUME	CHAR	6	(IBM name: N/A) VOLSER volume serial (RACROUTE REQUEST=AUTH or RACROUTE REQUEST=DEFINE). Note that when RACROUTE REQUEST=AUTH receives a DATASET profile as input, the volume serial logged is the first volume serial contained in the profiles list of volume serials.

Secondary segment: SMF080_Auth_or_Define_OldVol

Field Name	Type	Len	Description
<i>SMF080_Auth_or_Define_OldVol.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Auth_or_Define_OldVol.zDTA.<fieldname></i>			
zVOLUME	CHAR	6	(IBM name: N/A) OLDVOL volume serial (RACROUTE REQUEST=AUTH or RACROUTE REQUEST=DEFINE). Note that when RACROUTE REQUEST=AUTH receives a DATASET profile as input, the volume serial logged is the first volume serial contained in the profiles list of volume serials.

Secondary segment: SMF080_Class

Field Name	Type	Len	Description
<i>SMF080_Class.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Class.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name (RACROUTE REQUEST=AUTH or RACROUTE REQUEST=DEFINE, RDEFINE, RALTER, RDELETE, PERMIT, or VMXEVENT auditing). For z/OS UNIX, class controlling auditing for the

			request.
--	--	--	----------

Secondary segment: SMF080_Define_Model_Resource

Field Name	Type	Len	Description
<i>SMF080_Define_Model_Resource.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Define_Model_Resource.zDTA.<fieldname></i>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) MENTITY model resource name (RACROUTE REQUEST=DEFINE)

Secondary segment: SMF080_Define_Model_Resource_Volume

Field Name	Type	Len	Description
<i>SMF080_Define_Model_Resource_Volume.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Define_Model_Resource_Volume.zDTA.<fieldname></i>			
zVOLUME	CHAR	6	(IBM name: N/A) Volume serial of model resource (RACROUTE REQUEST=DEFINE)

Secondary segment: SMF080_Auth_or_Define_Application

Field Name	Type	Len	Description
<i>SMF080_Auth_or_Define_Application.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Auth_or_Define_Application.zDTA.<fieldname></i>			
zAPPNAME	CHAR	8	(IBM name: N/A) Application name (RACROUTE REQUEST=AUTH or RACROUTE REQUEST=DEFINE processed)

Secondary segment: SMF080_SETROPTS_Class_Options

Field Name	Type	Len	Description
<i>SMF080_SETROPTS_Class_Options.<fieldname></i>			

zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_SETROPTS_Class_Options.zDTA.<fieldname>**SMF080_SETROPTS_Class_Options.zDTA.zFLAGS1.<fieldname>**

zSTATS	BIT	1	Statistics are in effect
zAUDIT	BIT	1	Auditing is in effect
zPROT	BIT	1	Protection is in effect
zGENPROF	BIT	1	Generic profile processing is in effect
zGENCMD	BIT	1	Generic command processing is in effect
zGACHK	BIT	1	Global access checking active
zRACLIST	BIT	1	RACLIST option in effect
zGENLIST	BIT	1	GENLIST option in effect

SMF080_SETROPTS_Class_Options.zDTA.<fieldname>

zCLASS	CHAR	8	(IBM name: N/A) Class name
--------	------	---	-------------------------------

SMF080_SETROPTS_Class_Options.zDTA.zFLAGS2.<fieldname>

zALWAYS	BIT	1	LOGOPTIONS(ALWAYS) is in effect
zNEVER	BIT	1	LOGOPTIONS(NEVER) is in effect
zSUCCESS	BIT	1	LOGOPTIONS(SUCCESSSES) is in effect
zFAIL	BIT	1	LOGOPTIONS(FAILURES) is in effect
zDEFAULT	BIT	1	LOGOPTIONS(DEFAULT) is in effect

Secondary segment: SMF080_SETROPTS_Stats_Class_Name

Field Name	Type	Len	Description
SMF080_SETROPTS_Stats_Class_Name.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_SETROPTS_Stats_Class_Name.zDTA.<fieldname>

zCLASS	CHAR	8	(IBM name: N/A) Class name from STATISTICS/NOSTATISTICS keyword (SETROPTS)
--------	------	---	---

Secondary segment: SMF080_SETROPTS_Audit_Class

Field Name	Type	Len	Description
SMF080_SETROPTS_Audit_Class.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type

zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_SETROPTS_Audit_Class.zDTA.<fieldname>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from AUDIT/NOAUDIT keyword (SETROPTS)

Secondary segment: **SMF080_ADDMEM_Resource**

Field Name	Type	Len	Description
SMF080_ADDMEM_Resource.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_ADDMEM_Resource.zDTA.<fieldname>			
SMF080_ADDMEM_Resource.zDTA.zFLAGS1.<fieldname>			
zNOTPROC	BIT	1	Resource name not processed.
zIGNORED	BIT	1	Resource name ignored because command user lacked sufficient authority to perform the operation.
SMF080_ADDMEM_Resource.zDTA.<fieldname>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) Resource name from ADDMEM keyword (RDEFINE, RALTER)

Secondary segment: **SMF080_DELMEM_Resource**

Field Name	Type	Len	Description
SMF080_DELMEM_Resource.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_DELMEM_Resource.zDTA.<fieldname>			
SMF080_DELMEM_Resource.zDTA.zFLAGS1.<fieldname>			
zNOTPROC	BIT	1	Resource name not processed.
SMF080_DELMEM_Resource.zDTA.<fieldname>			
zRESOURCE	XVCHAR	0 255	(IBM name: N/A) Resource name from DELMEM keyword (RALTER)

Secondary segment: **SMF080_FClass**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF080_FClass.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_FClass.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from FCLASS keyword (PERMIT)

Secondary segment: **SMF080_ClassAct**

Field Name	Type	Len	Description
<i>SMF080_ClassAct.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_ClassAct.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from CLASSACT/NOCLASSACT keyword (SETROPTS, RVARY)

Secondary segment: **SMF080_Clauth**

Field Name	Type	Len	Description
<i>SMF080_Clauth.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Clauth.zDTA.<fieldname></i>			
<i>SMF080_Clauth.zDTA.zFLAGS1.<fieldname></i>			
zIGNORED	BIT	1	Class was ignored because the command user did not have sufficient authority to perform the operation.
<i>SMF080_Clauth.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from CLAUTH/NOCLAUTH keyword (ADDUSER, ALTUSER).

Secondary segment: **SMF080_Application_Data**

Field Name	Type	Len	Description
<i>SMF080_Application_Data.<fieldname></i>			
zDTP	INT	1	

			(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Application_Data.zDTA.<fieldname>			
zDATA	XVCHAR	0 255	(IBM name: N/A) Application data (RDEFINE, RALTER).

Secondary segment: **SMF080_RACF_Database_Status**

Field Name	Type	Len	Description
SMF080_RACF_Database_Status.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_RACF_Database_Status.zDTA.<fieldname>			
SMF080_RACF_Database_Status.zDTA.zFLAGS1.<fieldname>			
zACTIVE	BIT	1	Database is active.
zBACKUP	BIT	1	Database is backup.
SMF080_RACF_Database_Status.zDTA.<fieldname>			
zUNIT	HEX	3	(IBM name: N/A) Unit Name.
zVOLUME	CHAR	6	(IBM name: N/A) Volume serial number.
zSEQ	INT	1	(IBM name: N/A) Sequence number.
zDSN	XVCHAR	0 44	(IBM name: N/A) Dataset Name.

Secondary segment: **SMF080_DATASET**

Field Name	Type	Len	Description
SMF080_DATASET.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_DATASET.zDTA.<fieldname>			
zDSN	XVCHAR	0 44	(IBM name: N/A) Data set name from DATASET operand (RVARY).

Secondary segment: SMF080_Password

Field Name	Type	Len	Description
<i>SMF080_Password.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_Password.zDTA.<fieldname></i>			
zPINT	INT	1	(IBM name: N/A) Password interval value
zPHIST	INT	1	(IBM name: N/A) Password history value
zUIDREV	INT	1	(IBM name: N/A) User ID revoke value
zPWARN	INT	1	(IBM name: N/A) Password warning level value
zPSYN	CHAR	80	(IBM name: N/A) Password syntax rules value
zUIDIN	INT	1	(IBM name: N/A) User ID inactive interval

<i>SMF080_Password.zDTA.zFLAGS1.<fieldname></i>			
zMGDG	BIT	1	MODEL(GDG) in effect.
zMUSER	BIT	1	MODEL(USER) in effect.
zMGROUP	BIT	1	MODEL(GROUP) in effect.
zGRPLIST	BIT	1	GRPLIST in effect.

Secondary segment: SMF080_Generic_Resource

Field Name	Type	Len	Description
<i>SMF080_Generic_Resource.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_Generic_Resource.zDTA.<fieldname></i>			
zGENERIC	BINT (ENUM)	1	(IBM name: SMF80DTA) RESOURCE => Resource name is generic, PROFILE => Generic profile is used.
zDSNR	BINT (ENUM)	1	OLD => The old name of a data set renamed by RACROUTE REQUEST=DEFINE, NEW => The new name of a data set renamed by RACROUTE REQUEST=DEFINE.
zRESOURCE	XVCHAR	0 256	(IBM name: N/A) Generic resource name or name of generic profile used.

Secondary segment: SMF080_Generic_Class

Field Name	Type	Len	Description
<i>SMF080_Generic_Class.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Generic_Class.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from GENERIC/NOGENERIC (SETROPTS)

Secondary segment: SMF080_GenCmd_Class

Field Name	Type	Len	Description
<i>SMF080_GenCmd_Class.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_GenCmd_Class.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from GENCMD/NOGENCMD (SETROPTS)

Secondary segment: SMF080_Global_Class

Field Name	Type	Len	Description
<i>SMF080_Global_Class.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Global_Class.zDTA.<fieldname></i>			
zCLASS	CHAR	8	(IBM name: N/A) Class name from GLOBAL/NOGLOBAL (SETROPTS)

Secondary segment: SMF080_Model_Name

Field Name	Type	Len	Description
<i>SMF080_Model_Name.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_Model_Name.zDTA.<fieldname>			
zDSN	XVCHAR	0 44	(IBM name: N/A) Model Name.

Secondary segment: **SMF080_Profile_Owner**

Field Name	Type	Len	Description
SMF080_Profile_Owner.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_Profile_Owner.zDTA.<fieldname>			
zOWNER	CHAR	8	(IBM name: N/A) User ID or group name that owns the profile (RACROUTE REQUEST=AUTH and RACROUTE REQUEST=DEFINE and all the RACF commands that produce log records, except SETROPTS and RVARY). During DEFINE operations, this field contains the owner that the profile is defined with in all other operations, it contains the current owner. Thus, for owner changes, it contains the old owner.

Secondary segment: **SMF080_Permit_Entities**

Field Name	Type	Len	Description
SMF080_Permit_Entities.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_Permit_Entities.zDTA.<fieldname>			
SMF080_Permit_Entities.zDTA.zFLAGS1.<fieldname>			

zIGNORE	BIT	1	Entity ignored because of processing error.
zPROGRAM	BIT	1	PROGRAM class entity.
zCONSOLE	BIT	1	CONSOLE class entity.
zTERMINAL	BIT	1	TERMINAL class entity.
zJESINPUT	BIT	1	JESINPUT class entity.
zAPPCPORT	BIT	1	APPCPORT class entity.
zSYSID	BIT	1	SYSID entity.
zSERVAUTH	BIT	1	SERVAUTH class entity.
zCRITERIA	BIT	1	CRITERIA entity.

SMF080_Permit_Entities.zDTA.<fieldname>			
zENTL	INT	1	(IBM name: N/A) Entity Length
zENTITY	XVCHAR	0 255	(IBM name: N/A) Entity Name.

Secondary segment: **SMF080_Add_Category_Name**

Field Name	Type	Len	Description
<i>SMF080_Add_Category_Name.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Add_Category_Name.zDTA.<fieldname></i>			
<i>SMF080_Add_Category_Name.zDTA.zFLAGS1.<fieldname></i>			
zIGNORE	BIT	1	Category name ignored because of processing error.
<i>SMF080_Add_Category_Name.zDTA.<fieldname></i>			
zCATEGORY	XVCHAR	0 44	(IBM name: N/A) Category name (ADDSD, ALTDSD, ADDUSER, ALTUSER, RDEFINE, RALTER commands and RACROUTE REQUEST=DEFINE) to be added to the profile.

Secondary segment: **SMF080_Delete_Category_Name**

Field Name	Type	Len	Description
<i>SMF080_Delete_Category_Name.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Delete_Category_Name.zDTA.<fieldname></i>			
<i>SMF080_Delete_Category_Name.zDTA.zFLAGS1.<fieldname></i>			
zIGNORE	BIT	1	Category name ignored because of processing error.
<i>SMF080_Delete_Category_Name.zDTA.<fieldname></i>			
zCATEGORY	XVCHAR	0 44	(IBM name: N/A) Category name (ALTDSD, ALTUSER, and RALTER commands) to be deleted from the profile.

Secondary segment: **SMF080_RACLIST_Class**

Field Name	Type	Len	Description
<i>SMF080_RACLIST_Class.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_RACLIST_Class.zDTA.<fieldname>			
Field Name	Type	Len	Description
zCLASS	CHAR	8	(IBM name: N/A) Class name from SETROPTS RACLIST/NORACLIST.

Secondary segment: **SMF080_GENLIST_Class**

Field Name	Type	Len	Description
SMF080_GENLIST_Class.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_GENLIST_Class.zDTA.<fieldname>			
Field Name	Type	Len	Description
zCLASS	XVCHAR	0 8	(IBM name: N/A) Class name from SETROPTS GENLIST/NOGENLIST.

Secondary segment: **SMF080_Non_BASE_Segment_or_Directed_Data**

Field Name	Type	Len	Description
SMF080_Non_BASE_Segment_or_Directed_Data.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_Non_BASE_Segment_or_Directed_Data.zDTA.<fieldname>			
--	--	--	--

SMF080_Non_BASE_Segment_or_Directed_Data.zDTA.zFLAGS1.<fieldname>			
Field Name	Type	Len	Description
zDELETE	BIT	1	Delete the segment.

SMF080_Non_BASE_Segment_or_Directed_Data.zDTA.<fieldname>			
Field Name	Type	Len	Description
zSEGNAME	CHAR	8	(IBM name: N/A) Segment name.
zSUBKYL	INT	1	(IBM name: N/A) Subkeyword length.
zSUBKY	XVCHAR	0 245	(IBM name: N/A) Subkeyword.
zSUBKYVAL	XVCHAR	0 245	(IBM name: N/A) Subkeyword value.

Secondary segment: **SMF080_LOGOPTIONS_Class**

Field Name	Type	Len	Description
SMF080_LOGOPTIONS_Class.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type

zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_LOGOPTIONS_Class.zDTA.<fieldname>			
zAUDLEVEL	INT (ENUM)	1	(IBM name: N/A) Auditing Level.
zCLASS	CHAR	8	(IBM name: N/A) Class name from LOGOPTIONS (SETROPTS)

Secondary segment: **SMF080_Log_String**

Field Name	Type	Len	Description
SMF080_Log_String.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Log_String.zDTA.<fieldname>			
zLOGSTRING	XVCHAR	0 256	(IBM name: N/A) Variable length string of data specified on LOGSTR= keyword on RACROUTE macro. Note: The log string specified on RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX is propagated to the port of entry authorization check made in the SERVAUTH class performed by VERIFY/X when SERVAUTH= is specified by the caller.

Secondary segment: **SMF080_Not_Auth_Job_Name**

Field Name	Type	Len	Description
SMF080_Not_Auth_Job_Name.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Not_Auth_Job_Name.zDTA.<fieldname>			
zJOBNAME	CHAR	8	(IBM name: SMF80JBN) JOBNAME that user is not authorized to submit for a JESJOBS job.

Secondary segment: **SMF080_Directed_Userid**

Field Name	Type	Len	Description
SMF080_Directed_Userid.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Directed_Userid.zDTA.<fieldname>			

zUSERID	CHAR	8	(IBM name: SMF80UID) User ID to whom data is directed (RECVR= keyword on RACROUTE macro).
---------	------	---	--

Secondary segment: **SMF080_ACEE_User_Name**

Field Name	Type	Len	Description
<i>SMF080_ACEE_User_Name.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_ACEE_User_Name.zDTA.<fieldname></i>			
zUSERNAME	XVCHAR	0 22	(IBM name: N/A) User name from ACEE.

Secondary segment: **SMF080_Add_Security_Label**

Field Name	Type	Len	Description
<i>SMF080_Add_Security_Label.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_Add_Security_Label.zDTA.<fieldname></i>			
zSECLABEL	CHAR	8	(IBM name: N/A) Security label name (ADDSD, ALTDSD, ALTUSER, RDEFINE, and RALTER commands, and the R_setfsecl, makeFSP and makeISP callable services) to be added to the profile or security packet, or the user security label for RACROUTE REQUEST=DIRAUTH.

Secondary segment: **SMF080_Delete_Security_Label**

Field Name	Type	Len	Description
<i>SMF080_Delete_Security_Label.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_Delete_Security_Label.zDTA.<fieldname></i>			
zSECLABEL	CHAR	8	(IBM name: N/A) Security label name (RACROUTE REQUEST=AUTH and DIRAUTH, ck_access, ck_IPC_access, R_IPC_ctl, R_chmod, R_chown, R_audit, R_setfacl, ck_file_owner, ck_owner_two_files, ck_process_owner, R_ptrace or VMXEVENT auditing) of the resource, or security label name (ALTDSD, ALTUSER, RALTER commands and the R_setfsecl callable service) to be deleted from the profile or security packet.

Secondary segment: **SMF080_User_Security_Token**

Field Name	Type	Len	Description
<i>SMF080_User_Security_Token.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

<i>SMF080_User_Security_Token.zDTA.<fieldname></i>			
LEN	INT	1	(IBM name: SMF80DTA) UTOKEN / RTOKEN LENGTH.
VERS	INT	1	UTOKEN / RTOKEN VERSION #

<i>SMF080_User_Security_Token.zDTA.FLG1.<fieldname></i>			
ENCR	BIT	1	TOKEN IS ENCRYPTED.
LT19	BIT	1	TOKEN CREATED BY PRE 1.9 RACF CALL.
VXPRP	BIT	1	VERIFYX PROPAGATION FLAG.
UNUSR	BIT	1	NJE UNKNOWN USER.
LOGU	BIT	1	LOG USER INDICATOR.
RSPEC	BIT	1	RACF SPECIAL INDICATOR.

<i>SMF080_User_Security_Token.zDTA.<fieldname></i>			
STYP	INT (ENUM)	1	Session type. SAS => SYSTEM ADDRESS SPACE CMND => COMMAND CONS => CONSOLE OPERATOR STP => STARTED PROCEDURE MNT => MOUNT TSO => TSO LOGON BCH => INTERNAL READER BATCH JOB XBM => INTERNAL READER EXECUTION BATCH MONITOR RJE => RJE OPERATOR NJE => NJE OPERATOR NJEUS => VERIFYX UNKNOWN USER ID TOKEN EBCH => EXTERNAL READER BATCH JOB RBCH => RJE BATCH JOB NBCH => NJE BATCH JOB NSYS => NJE SYSOUT EXBM => EXTERNAL XBM RXBM => RJE XBM NXBM => NJE XBM APPC => APPC SESSION OSRV => OMVSSRV SESSION IP => IP SESSION.

<i>SMF080_User_Security_Token.zDTA.FLG2.<fieldname></i>			
DFLT	BIT	1	DEFAULT TOKEN.
UDUS	BIT	1	UNDEFINED USER.
ERR	BIT	1	TOKEN IN ERROR.
TRST	BIT	1	PART OF TRUSTED COMP BASE.
SUS	BIT	1	SURROGATE USERID.
REMOT	BIT	1	REMOTE JOB INDICATOR.
PRIV	BIT	1	PRIVILEGED INDICATOR.

<i>SMF080_User_Security_Token.zDTA.<fieldname></i>			
--	--	--	--

TOKPOEX	INT (ENUM)	1	Port of entry class index. TERM => TERMINAL CLASS CON => CONSOLE CLASS JESI => JESINPUT CLASS APORT => APPCPORT CLASS SERV => SERVAUTH CLASS.
---------	---------------	---	--

SMF080_User_Security_Token.zDTA.FLG3.<fieldname>			
DGRP	BIT	1	DEFAULT GROUP ASSIGNED.
DSEC	BIT	1	DEFAULT SECLABEL ASSIGNED.
NETF	BIT	1	NETWORK NAME SPECIFIED.
IPV	BIT	1	IP value present for SERVAUTH POE.
WDWN	BIT	1	If on when MLS is active, write-down is allowed..

SMF080_User_Security_Token.zDTA.<fieldname>			
SCL	CHAR	8	SECLABL.
XNOD	CHAR	8	EXECUTION NODE.
SUSR	CHAR	8	SUBMITTING USERID.
SNOD	CHAR	8	SUBMITTER NODE.
SGRP	CHAR	8	SUBMITTING GROUPNAME.
POE	CHAR	8	Port of entry(CONS ID,TERM ID-first half of IP value for SERVAUTH).
NETW	CHAR	8	Remote network name, if TOKNETF is on. Second half of IP value if TOKIPV is on.
USER	CHAR	8	USERID.
GRP	CHAR	8	GROUPNAME.

Secondary segment: SMF080_Resource_Security_Token

Field Name	Type	Len	Description
SMF080_Resource_Security_Token.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows

SMF080_Resource_Security_Token.zDTA.<fieldname>			
LEN	INT	1	(IBM name: SMF80DTA) UTOKEN / RTOKEN LENGTH.
VERS	INT	1	UTOKEN / RTOKEN VERSION #

SMF080_Resource_Security_Token.zDTA.FLG1.<fieldname>			
ENCR	BIT	1	TOKEN IS ENCRYPTED.
LT19	BIT	1	TOKEN CREATED BY PRE 1.9 RACF CALL.
VXPRP	BIT	1	VERIFYX PROPAGATION FLAG.
UNUSR	BIT	1	NJE UNKNOWN USER.
LOGU	BIT	1	LOG USER INDICATOR.
RSPEC	BIT	1	RACF SPECIAL INDICATOR.

SMF080_Resource_Security_Token.zDTA.<fieldname>			
--	--	--	--

STYP	INT (ENUM)	1	Session type. SAS => SYSTEM ADDRESS SPACE CMND => COMMAND CONS => CONSOLE OPERATOR STP => STARTED PROCEDURE MNT => MOUNT TSO => TSO LOGON BCH => INTERNAL READER BATCH JOB XBM => INTERNAL READER EXECUTION BATCH MONITOR RJE => RJE OPERATOR NJE => NJE OPERATOR NJEUS => VERIFYX UNKNOWN USER ID TOKEN EBCH => EXTERNAL READER BATCH JOB RBCH => RJE BATCH JOB NBCH => NJE BATCH JOB NSYS => NJE SYSOUT EXBM => EXTERNAL XBM RXBM => RJE XBM NXBM => NJE XBM APPC => APPC SESSION OSRV => OMVSSRV SESSION IP => IP SESSION.
------	---------------	---	--

SMF080_Resource_Security_Token.zDTA.FLG2.<fieldname>			
DFLT	BIT	1	DEFAULT TOKEN.
UDUS	BIT	1	UNDEFINED USER.
ERR	BIT	1	TOKEN IN ERROR.
TRST	BIT	1	PART OF TRUSTED COMP BASE.
SUS	BIT	1	SURROGATE USERID.
REMOT	BIT	1	REMOTE JOB INDICATOR.
PRIV	BIT	1	PRIVILEGED INDICATOR.

SMF080_Resource_Security_Token.zDTA.<fieldname>			
TOKPOEX	INT (ENUM)	1	Port of entry class index. TERM => TERMINAL CLASS CON => CONSOLE CLASS JESI => JESINPUT CLASS APORT => APPCPORT CLASS SERV => SERVAUTH CLASS.

SMF080_Resource_Security_Token.zDTA.FLG3.<fieldname>			
DGRP	BIT	1	DEFAULT GROUP ASSIGNED.
DSEC	BIT	1	DEFAULT SECLABEL ASSIGNED.
NETF	BIT	1	NETWORK NAME SPECIFIED.
IPV	BIT	1	IP value present for SERVAUTH POE.
WDWN	BIT	1	If on when MLS is active, write-down is allowed..

SMF080_Resource_Security_Token.zDTA.<fieldname>			
SCL	CHAR	8	SECLABL.
XNOD	CHAR	8	EXECUTION NODE.
SUSR	CHAR	8	SUBMITTING USERID.
SNOD	CHAR	8	SUBMITTER NODE.
SGRP	CHAR	8	SUBMITTING GROUPNAME.
POE	CHAR	8	Port of entry(CONS ID,TERM ID-first half of IP value for SERVAUTH).
NETW	CHAR	8	Remote network name, if TOKNETF is on. Second half of IP value if TOKIPV is on.
USER	CHAR	8	USERID.

GRP	CHAR	8	GROUPNAME.
-----	------	---	------------

Secondary segment: SMF080_Audit_Record_Link_Key

Field Name	Type	Len	Description
<i>SMF080_Audit_Record_Link_Key.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Audit_Record_Link_Key.zDTA.<fieldname></i>			
zAUDKEY	CHAR	8	(IBM name: N/A) Key to link audit records together.

Secondary segment: SMF080_Secury_Label_Change_DSN

Field Name	Type	Len	Description
<i>SMF080_Secury_Label_Change_DSN.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Secury_Label_Change_DSN.zDTA.<fieldname></i>			
zDSN	XVCHAR	0 44	(IBM name: N/A) Data set name affected by a security label change (used by SMF type 83 records)

Secondary segment: SMF080_Security_Label_Change_Link

Field Name	Type	Len	Description
<i>SMF080_Security_Label_Change_Link.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
<i>SMF080_Security_Label_Change_Link.zDTA.<fieldname></i>			
zLNKVAL	CHAR	4	(IBM name: N/A) Link value to connect data sets affected by a security label change with the RACF command that caused the change.

Secondary segment: SMF080_Audit_Record_Client_Server_Link

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF080_Audit_Record_Client_Server_Link.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Audit_Record_Client_Server_Link.zDTA.<fieldname>			
zLNKVAL	CHAR	4	(IBM name: N/A) Link value to connect client and server audit records. A link value can appear for a client or server without a corresponding link value if the client has failed authorization or auditing is not performed for both users.

Secondary segment: SMF080_ACEE_Type

Field Name	Type	Len	Description
SMF080_ACEE_Type.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_ACEE_Type.zDTA.<fieldname>			
SMF080_ACEE_Type.zDTA.zACEE.<fieldname>			
zNESTED	BIT	1	Nested ACEE.
zSERVER	BIT	1	Server ACEE.
zCLIENT	BINT (ENUM)	1	(IBM name: N/A) UNAUTH => Unauthenticated client, AUTH => Authenticated client.

Secondary segment: SMF080_Partitioned_Dataset

Field Name	Type	Len	Description
SMF080_Partitioned_Dataset.<fieldname>			
zDTP	INT	1	(IBM name: SMF80DTP) Data type
zDLN	INT	1	(IBM name: SMF80DLN) Length of data that follows
SMF080_Partitioned_Dataset.zDTA.<fieldname>			
zDSN	CHAR	44	(IBM name: N/A) Partitioned data set name.

Secondary segment: SMF080_Audit_Function_Code

Field Name	Type	Len	Description
SMF080_Audit_Function_Code.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type

zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Audit_Function_Code.zDA2.<fieldname>			
zSERVICE	INT (ENUM)	2	(IBM name: N/A) Audit function code, indicating the calling service. Refer to the description of IRRPAFC in z/OS Security Server RACF Data Areas.

Secondary segment: **SMF080_Old_Real_UNIX_UID**

Field Name	Type	Len	Description
SMF080_Old_Real_UNIX_UID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Old_Real_UNIX_UID.zDA2.<fieldname>			
zUID	INT	4	(IBM name: SMF80UID) Old real z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_Old_Effective_UNIX_UID**

Field Name	Type	Len	Description
SMF080_Old_Effective_UNIX_UID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Old_Effective_UNIX_UID.zDA2.<fieldname>			
zUID	INT	4	(IBM name: SMF80UID) Old effective z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_Old_Saved_UNIX_UID**

Field Name	Type	Len	Description
SMF080_Old_Saved_UNIX_UID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Old_Saved_UNIX_UID.zDA2.<fieldname>			
zUID	INT	4	(IBM name: SMF80UID) Old saved z/OS UNIX user identifier (UID)

Secondary segment: SMF080_Old_Real_UNIX_GID

Field Name	Type	Len	Description
<i>SMF080_Old_Real_UNIX_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Old_Real_UNIX_GID.zDA2.<fieldname></i>			
zGID	INT	4	(IBM name: N/A) Old real z/OS UNIX group identifier (GID)

Secondary segment: SMF080_Old_Effective_UNIX_GID

Field Name	Type	Len	Description
<i>SMF080_Old_Effective_UNIX_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Old_Effective_UNIX_GID.zDA2.<fieldname></i>			
zGID	INT	4	(IBM name: N/A) Old effective z/OS UNIX group identifier (GID)

Secondary segment: SMF080_Old_Saved_UNIX_GID

Field Name	Type	Len	Description
<i>SMF080_Old_Saved_UNIX_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Old_Saved_UNIX_GID.zDA2.<fieldname></i>			
zGID	INT	4	(IBM name: N/A) Old saved z/OS UNIX group identifier (GID)

Secondary segment: SMF080_Path_Name_1

Field Name	Type	Len	Description
<i>SMF080_Path_Name_1.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Path_Name_1.zDA2.<fieldname>			
Field Name	Type	Len	Description
zPATH	XVCHAR	0 1023	(IBM name: N/A) Requested path name (see also data type 299) Note: For events 47 (rename) and 41 (link), this is the old path name.

Secondary segment: **SMF080_File_Identifier_1**

Field Name	Type	Len	Description
SMF080_File_Identifier_1.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_File_Identifier_1.zDA2.<fieldname>			
Field Name	Type	Len	Description
zFILE	CHAR	16	(IBM name: N/A) File identifier.

Secondary segment: **SMF080_File_Owner_User**

Field Name	Type	Len	Description
SMF080_File_Owner_User.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_File_Owner_User.zDA2.<fieldname>			
Field Name	Type	Len	Description
zUID	INT	4	(IBM name: SMF80UID) File or IPC key owner z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_File_Owner_Group**

Field Name	Type	Len	Description
SMF080_File_Owner_Group.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_File_Owner_Group.zDA2.<fieldname>			
Field Name	Type	Len	Description
zGID	INT	4	(IBM name: N/A) File or IPC key owner z/OS UNIX group identifier (GID)

Secondary segment: SMF080_Requested_Access

Field Name	Type	Len	Description
<i>SMF080_Requested_Access.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Requested_Access.zDA2.<fieldname></i>			
<i>SMF080_Requested_Access.zDA2.zACEE.zACCESS.<fieldname></i>			
zDIR	BIT	1	Directory Access.
zREAD	BIT	1	Read Access.
zWRITE	BIT	1	Write Access.
zEXEC	BIT	1	Execute Access.
<i>SMF080_Requested_Access.zDA2.zACEE.<fieldname></i>			
zIPCACCESS	INT (ENUM)	1	(IBM name: N/A) IPC requested access. NONE => No access READ => Read Access WRITE => Write Access RW => Read and Write Access.

Secondary segment: SMF080_Access_Type

Field Name	Type	Len	Description
<i>SMF080_Access_Type.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Access_Type.zDA2.<fieldname></i>			
zACCESS	INT (ENUM)	1	(IBM name: N/A) Access type (bits used to make access check). FAILED => mandatory access check has failed OWNER => 'owner' bits GROUP => 'group' bits OTHER => 'other' bits NONE => no bits used UIDACL => UID ACL entry GIDACL => GID ACL entry or entries ACLERR => ACL exists but could not be retrieved DENIED => A restricted user ID was denied access because it was not the file owner and was not explicitly permitted to the file.

Secondary segment: SMF080_Access_Allowed

Field Name	Type	Len	Description
<i>SMF080_Access_Allowed.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type

zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
------	-----	---	---

SMF080_Access_Allowed.zDA2.<fieldname>

SMF080_Access_Allowed.zDA2.zACCESS.<fieldname>

zREAD	BIT	1	Read Access.
zWRITE	BIT	1	Write Access.
zEXEC	BIT	1	Execute/search Access.

Secondary segment: SMF080_Path_Name_2

Field Name	Type	Len	Description
SMF080_Path_Name_2.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Path_Name_2.zDA2.<fieldname>

zPATH	XVCHAR	0 1023	(IBM name: N/A) Second requested path name (see also data type 299) Note: For events 47 (rename) and 41 (link), this is the new path name.
-------	--------	-----------	---

Secondary segment: SMF080_File_Identifier_2

Field Name	Type	Len	Description
SMF080_File_Identifier_2.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_File_Identifier_2.zDA2.<fieldname>

zFILE	CHAR	16	(IBM name: N/A) Second file identifier.
-------	------	----	--

Secondary segment: SMF080_New_Real_UNIX_UID

Field Name	Type	Len	Description
SMF080_New_Real_UNIX_UID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_New_Real_UNIX_UID.zDA2.<fieldname>

zUID	INT	4	
------	-----	---	--

			(IBM name: SMF80UID) New real z/OS UNIX user identifier (UID)
--	--	--	--

Secondary segment: **SMF080_New_Effective_UNIX_UID**

Field Name	Type	Len	Description
<i>SMF080_New_Effective_UNIX_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_New_Effective_UNIX_UID.zDA2.<fieldname></i>			
zUID	INT	4	(IBM name: SMF80UID) New effective z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_New_Saved_UNIX_UID**

Field Name	Type	Len	Description
<i>SMF080_New_Saved_UNIX_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_New_Saved_UNIX_UID.zDA2.<fieldname></i>			
zUID	INT	4	(IBM name: SMF80UID) New saved z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_New_Real_UNIX_GID**

Field Name	Type	Len	Description
<i>SMF080_New_Real_UNIX_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_New_Real_UNIX_GID.zDA2.<fieldname></i>			
zGID	INT	4	(IBM name: N/A) New real z/OS UNIX group identifier (GID)

Secondary segment: **SMF080_New_Effective_UNIX_GID**

Field Name	Type	Len	Description
<i>SMF080_New_Effective_UNIX_GID.<fieldname></i>			

zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_New_Effective_UNIX_GID.zDA2.<fieldname>

zGID	INT	4	(IBM name: N/A) New effective z/OS UNIX group identifier (GID)
------	-----	---	---

Secondary segment: SMF080_New_Saved_UNIX_GID

Field Name	Type	Len	Description
<i>SMF080_New_Saved_UNIX_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_New_Saved_UNIX_GID.zDA2.<fieldname>

zGID	INT	4	(IBM name: N/A) New saved z/OS UNIX group identifier (GID)
------	-----	---	---

Secondary segment: SMF080_Owner_UID

Field Name	Type	Len	Description
<i>SMF080_Owner_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Owner_UID.zDA2.<fieldname>

zUID	INT	4	(IBM name: SMF80UID) Owner of deleted file or second file owner z/OS UNIX user identifier (UID).
------	-----	---	---

Secondary segment: SMF080_Owner_GID

Field Name	Type	Len	Description
<i>SMF080_Owner_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Owner_GID.zDA2.<fieldname>

zGID	INT	4	(IBM name: N/A) Owner of deleted file or second file owner z/OS UNIX group identifier (GID).
------	-----	---	---

Secondary segment: SMF080_Input_Parameter_UID

Field Name	Type	Len	Description
<i>SMF080_Input_Parameter_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Input_Parameter_UID.zDA2.<fieldname></i>			
zUID	INT	4	(IBM name: SMF80UID) User or IPC owner input parameter z/OS UNIX user identifier (UID).

Secondary segment: SMF080_Input_Parameter_GID

Field Name	Type	Len	Description
<i>SMF080_Input_Parameter_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Input_Parameter_GID.zDA2.<fieldname></i>			
zGID	INT	4	(IBM name: N/A) User or IPC owner input parameter z/OS UNIX group identifier (GID).

Secondary segment: SMF080_Target_Real_UNIX_UID

Field Name	Type	Len	Description
<i>SMF080_Target_Real_UNIX_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Target_Real_UNIX_UID.zDA2.<fieldname></i>			
zUID	INT	4	(IBM name: SMF80UID) Target real z/OS UNIX user identifier (UID)

Secondary segment: SMF080_Target_Effective_UNIX_UID

Field Name	Type	Len	Description
<i>SMF080_Target_Effective_UNIX_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type

zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Target_Effective_UNIX_UID.zDA2.<fieldname>			
zUID	INT	4	(IBM name: SMF80UID) Target effective z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_Target_Saved_UNIX_UID**

Field Name	Type	Len	Description
SMF080_Target_Saved_UNIX_UID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Target_Saved_UNIX_UID.zDA2.<fieldname>			
zUID	INT	4	(IBM name: SMF80UID) Target saved z/OS UNIX user identifier (UID)

Secondary segment: **SMF080_Target_Real_UNIX_GID**

Field Name	Type	Len	Description
SMF080_Target_Real_UNIX_GID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Target_Real_UNIX_GID.zDA2.<fieldname>			
zGID	INT	4	(IBM name: N/A) Target real z/OS UNIX group identifier (GID)

Secondary segment: **SMF080_Target_Effective_UNIX_GID**

Field Name	Type	Len	Description
SMF080_Target_Effective_UNIX_GID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Target_Effective_UNIX_GID.zDA2.<fieldname>			
zGID	INT	4	(IBM name: N/A) Target effective z/OS UNIX group identifier (GID)

Secondary segment: SMF080_Target_Saved_UNIX_GID

Field Name	Type	Len	Description
<i>SMF080_Target_Saved_UNIX_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Target_Saved_UNIX_GID.zDA2.<fieldname></i>			
zGID	INT	4	(IBM name: N/A) Target saved z/OS UNIX group identifier (GID)

Secondary segment: SMF080_Target_PID

Field Name	Type	Len	Description
<i>SMF080_Target_PID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Target_PID.zDA2.<fieldname></i>			
zPID	INT	4	(IBM name: N/A) Target PID

Secondary segment: SMF080_Old_Mode

Field Name	Type	Len	Description
<i>SMF080_Old_Mode.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Old_Mode.zDA2.<fieldname></i>			
<i>SMF080_Old_Mode.zDA2.zOLDMODE.<fieldname></i>			
zS_ISGID	BIT	1	S_ISGID
zS_ISUID	BIT	1	S_ISUID
zS_ISVTX	BIT	1	S_ISVTX
zUREAD	BIT	1	Owner Read permission.
zUWRITE	BIT	1	Owner Write permission.
zUEXEC	BIT	1	Owner Execute permission.
zGREAD	BIT	1	Group Read permission.
zGWRITE	BIT	1	Group Write permission.
zGEXEC	BIT	1	Group Execute permission.
zOREAD	BIT	1	Other Read permission.

zOWRITE	BIT	1	Other Write permission.
zOEXEC	BIT	1	Other Execute permission.

Secondary segment: SMF080_New_Mode

Field Name	Type	Len	Description
<i>SMF080_New_Mode.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_New_Mode.zDA2.<fieldname>

<i>SMF080_New_Mode.zDA2.zNEWMODE.<fieldname></i>			
Field Name	Type	Len	Description
zS_ISGID	BIT	1	S_ISGID
zS_ISUID	BIT	1	S_ISUID
zS_ISVTX	BIT	1	S_ISVTX
zUREAD	BIT	1	Owner Read permission.
zUWRITE	BIT	1	Owner Write permission.
zUEXEC	BIT	1	Owner Execute permission.
zGREAD	BIT	1	Group Read permission.
zGWRITE	BIT	1	Group Write permission.
zGEXEC	BIT	1	Group Execute permission.
zOREAD	BIT	1	Other Read permission.
zOWRITE	BIT	1	Other Write permission.
zOEXEC	BIT	1	Other Execute permission.

Secondary segment: SMF080_Service_Processed

Field Name	Type	Len	Description
<i>SMF080_Service_Processed.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Service_Processed.zDA2.<fieldname>

zSERVICE	INT (ENUM)	2	(IBM name: N/A) Service that was being processed. Used when data type 256 indicates that the calling service was LOOKUP (path name resolution) or REMOVE an ID, set or setmqb.
----------	---------------	---	---

Secondary segment: SMF080_Requested_Audit_Options

Field Name	Type	Len	Description
<i>SMF080_Requested_Audit_Options.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Requested_Audit_Options.zDA2.<fieldname></i>			
<i>SMF080_Requested_Audit_Options.zDA2.zAUDIT.<fieldname></i>			
zREAD	INT (ENUM)	1	(IBM name: N/A) Read access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zWRITE	INT (ENUM)	1	(IBM name: N/A) Write access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zEXEC	INT (ENUM)	1	(IBM name: N/A) Execute/search access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.

Secondary segment: SMF080_Old_Audit_Options

Field Name	Type	Len	Description
<i>SMF080_Old_Audit_Options.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Old_Audit_Options.zDA2.<fieldname></i>			
<i>SMF080_Old_Audit_Options.zDA2.zAUDIT.<fieldname></i>			
zREAD	INT (ENUM)	1	(IBM name: N/A) Read access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zWRITE	INT (ENUM)	1	(IBM name: N/A) Write access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zEXEC	INT (ENUM)	1	(IBM name: N/A) Execute/search access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.

zAUDREAD	INT (ENUM)	1	(IBM name: N/A) Auditor Read access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zAUDWRITE	INT (ENUM)	1	(IBM name: N/A) Auditor Write access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zAUDEXEC	INT (ENUM)	1	(IBM name: N/A) Auditor Execute/search access audit options. NOAUD => Do not audit any access attempts, SUCCESS => Audit successful accesses, FAIL => Audit failed access attempts, BOTH => Audit both successful and failed access attempts.

Secondary segment: **SMF080_New_Audit_Options**

Field Name	Type	Len	Description
<i>SMF080_New_Audit_Options.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_New_Audit_Options.zDA2.<fieldname>

<i>SMF080_New_Audit_Options.zDA2.zAUDIT.<fieldname></i>			
zREAD	INT (ENUM)	1	(IBM name: N/A) Read access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zWRITE	INT (ENUM)	1	(IBM name: N/A) Write access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zEXEC	INT (ENUM)	1	(IBM name: N/A) Execute/search access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zAUDREAD	INT (ENUM)	1	(IBM name: N/A) Auditor Read access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zAUDWRITE	INT (ENUM)	1	(IBM name: N/A) Auditor Write access audit options. NOAUD => Do not audit any access attempts SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
zAUDEXEC	INT (ENUM)	1	(IBM name: N/A) Auditor Execute/search access audit options. NOAUD => Do not audit any access attempts

			SUCCESS => Audit successful accesses FAIL => Audit failed access attempts BOTH => Audit both successful and failed access attempts.
--	--	--	---

Secondary segment: SMF080_Mounted_File_System_DSN

Field Name	Type	Len	Description
<i>SMF080_Mounted_File_System_DSN.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Mounted_File_System_DSN.zDA2.<fieldname></i>			
zDSN	XVCHAR	0 44	(IBM name: N/A) Data set name for mounted file system.

Secondary segment: SMF080_File_or_ISP_Mode

Field Name	Type	Len	Description
<i>SMF080_File_or_ISP_Mode.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_File_or_ISP_Mode.zDA2.<fieldname></i>			
<i>SMF080_File_or_ISP_Mode.zDA2.zFILEMODE.<fieldname></i>			
zS_ISGID	BIT	1	S_ISGID
zS_ISUID	BIT	1	S_ISUID
zS_ISVTX	BIT	1	S_ISVTX
zUREAD	BIT	1	Owner Read permission.
zUWRITE	BIT	1	Owner Write permission.
zUEXEC	BIT	1	Owner Execute permission.
zGREAD	BIT	1	Group Read permission.
zGWRITE	BIT	1	Group Write permission.
zGEXEC	BIT	1	Group Execute permission.
zOREAD	BIT	1	Other Read permission.
zOWRITE	BIT	1	Other Write permission.
zOEXEC	BIT	1	Other Execute permission.

Secondary segment: SMF080_SymLink

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF080_SymLink.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_SymLink.zDA2.<fieldname>			
zSYMLINK	XVCHAR	0 1023	(IBM name: N/A) Content of symlink.

Secondary segment: **SMF080_Check_File_Name**

Field Name	Type	Len	Description
SMF080_Check_File_Name.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Check_File_Name.zDA2.<fieldname>			
zFILE	XVCHAR	0 256	(IBM name: N/A) File name being checked.

Secondary segment: **SMF080_Path_Name_Flag**

Field Name	Type	Len	Description
SMF080_Path_Name_Flag.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Path_Name_Flag.zDA2.<fieldname>			
zPATHFLAG	INT (ENUM)	1	(IBM name: N/A) Flag indicating whether the requested path name is the old (or only) path name or the new path name. This field is OLD (X'01') except for ck_access events where authority to a new name is being checked. The second path name contains the new name specified. OLD => Old (or only) path name, NEW => New path name.

Secondary segment: **SMF080_Kill_Signal_Code**

Field Name	Type	Len	Description
SMF080_Kill_Signal_Code.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Kill_Signal_Code.zDA2.<fieldname>			
zKILLCODE	INT	4	(IBM name: N/A) Kill signal code.

Secondary segment: SMF080_Command_Segment_Data

Field Name	Type	Len	Description
SMF080_Command_Segment_Data.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Command_Segment_Data.zDA2.<fieldname>			
---	--	--	--

SMF080_Command_Segment_Data.zDA2.zFLAGS.<fieldname>			
zIGNORE	BIT	1	Keyword was ignored because of insufficient authority.
zDELETE	BIT	1	Segment is to be deleted, by using a NOxxx keyword.
zFORMAT	BINT (ENUM)	2	(IBM name: N/A) Data Format.
zNOSUB	BIT	1	Keyword has no subfield.

SMF080_Command_Segment_Data.zDA2.<fieldname>			
zSEGMENT	CHAR	8	(IBM name: N/A) Name of segment (main keyword).
zSUBKLEN	INT	1	(IBM name: N/A) Length of subkeyword.
zSUBKEY	XVCHAR	0 256	(IBM name: N/A) Subkeyword.
zDATALEN	INT	1	(IBM name: N/A) Length of data.
zDATA	XVCHAR	0 256	(IBM name: N/A) The data as entered on the command.

Secondary segment: SMF080_Last_Link_Deleted

Field Name	Type	Len	Description
SMF080_Last_Link_Deleted.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Last_Link_Deleted.zDA2.<fieldname>			
zDELETED	INT (ENUM)	1	(IBM name: N/A) Flag indicating whether the last link deleted.

Secondary segment: SMF080_IPC_Key

Field Name	Type	Len	Description
<i>SMF080_IPC_Key.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_IPC_Key.zDA2.<fieldname></i>			
zIPCKEY	INT	4	(IBM name: N/A) IPC key.

Secondary segment: SMF080_IPC_ID

Field Name	Type	Len	Description
<i>SMF080_IPC_ID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_IPC_ID.zDA2.<fieldname></i>			
zIPCID	INT	4	(IBM name: N/A) IPC ID.

Secondary segment: SMF080_IPC_Key_Creator_UID

Field Name	Type	Len	Description
<i>SMF080_IPC_Key_Creator_UID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_IPC_Key_Creator_UID.zDA2.<fieldname></i>			
zIPCUID	INT	4	(IBM name: N/A) IPC key creator z/OS UNIX user identifier (UID).

Secondary segment: SMF080_IPC_Key_Creator_GID

Field Name	Type	Len	Description
<i>SMF080_IPC_Key_Creator_GID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_IPC_Key_Creator_GID.zDA2.<fieldname>			
Field Name	Type	Len	Description
zIPCGID	INT	4	(IBM name: N/A) IPC key creator z/OS UNIX group identifier (GID).

Secondary segment: SMF080_Filepool

Field Name	Type	Len	Description
SMF080_Filepool.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Filepool.zDA2.<fieldname>			
zFILEPOOL	CHAR	8	(IBM name: N/A) Filepool name.

Secondary segment: SMF080_Filespace

Field Name	Type	Len	Description
SMF080_Filespace.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Filespace.zDA2.<fieldname>			
zFILESP	CHAR	8	(IBM name: N/A) Filespace name.

Secondary segment: SMF080_Inode

Field Name	Type	Len	Description
SMF080_Inode.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Inode.zDA2.<fieldname>			
zINODE	INT	4	(IBM name: N/A) Inode (file serial number).

Secondary segment: SMF080_SCID

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF080_SCID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_SCID.zDA2.<fieldname></i>			
zSCID	INT	4	(IBM name: N/A) SCID (file serial number).

Secondary segment: SMF080_Second_Filepool

Field Name	Type	Len	Description
<i>SMF080_Second_Filepool.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Second_Filepool.zDA2.<fieldname></i>			
zFILEPOOL	CHAR	8	(IBM name: N/A) Second filepool name.

Secondary segment: SMF080_Second_Filespace

Field Name	Type	Len	Description
<i>SMF080_Second_Filespace.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Second_Filespace.zDA2.<fieldname></i>			
zFILESP	CHAR	8	(IBM name: N/A) Second filespace name.

Secondary segment: SMF080_Second_Inode

Field Name	Type	Len	Description
<i>SMF080_Second_Inode.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Second_Inode.zDA2.<fieldname></i>			
zINODE	INT	4	(IBM name: N/A) Second Inode (file serial number).

Secondary segment: **SMF080_Second_SCID**

Field Name	Type	Len	Description
<i>SMF080_Second_SCID.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Second_SCID.zDA2.<fieldname></i>			
zSCID	INT	4	(IBM name: N/A) Second SCID (file serial number).

Secondary segment: **SMF080_Audit_Link_Value**

Field Name	Type	Len	Description
<i>SMF080_Audit_Link_Value.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Audit_Link_Value.zDA2.<fieldname></i>			
zLINK	CHAR	4	(IBM name: N/A) Link value to connect client and server audit records. A link value may appear for a client or server without a corresponding link value if the client has failed authorization or auditing is not performed for both users.

Secondary segment: **SMF080_ACEE_Type_X**

Field Name	Type	Len	Description
<i>SMF080_ACEE_Type_X.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_ACEE_Type_X.zDA2.<fieldname></i>			
<i>SMF080_ACEE_Type_X.zDA2.zACEE.<fieldname></i>			
zNESTED	BIT	1	Nested ACEE.
zSERVER	BIT	1	Server ACEE.
zCLIENT	BINT (ENUM)	1	(IBM name: N/A) UNAUTH => Unauthenticated client, AUTH => Authenticated client.

Secondary segment: SMF080_UNIX_Security

Field Name	Type	Len	Description
<i>SMF080_UNIX_Security.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_UNIX_Security.zDA2.<fieldname></i>			
<i>SMF080_UNIX_Security.zDA2.zFLAGS.<fieldname></i>			
zSECURITY	BINT (ENUM)	1	(IBM name: N/A) YES => Default z/OS UNIX security environment is in effect.

Secondary segment: SMF080_Certificate_Serial_Number

Field Name	Type	Len	Description
<i>SMF080_Certificate_Serial_Number.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Certificate_Serial_Number.zDA2.<fieldname></i>			
zSERIAL	XVCHAR	0 255	(IBM name: N/A) Certificate or CRL serial number.

Secondary segment: SMF080_Certificate_Issuer

Field Name	Type	Len	Description
<i>SMF080_Certificate_Issuer.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Certificate_Issuer.zDA2.<fieldname></i>			
zDISTNAME	XVCHAR	0 255	(IBM name: N/A) Certificate or CRL issuer's distinguished name.

Secondary segment: SMF080_Ring

Field Name	Type	Len	Description
<i>SMF080_Ring.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	

			(IBM name: SMF80DL2) Length of data that follows
SMF080_Ring.zDA2.<fieldname>			
zRING	XVCHAR	0 237	(IBM name: N/A) Ring name.

Secondary segment: **SMF080_SUBJECTSDN_C**

Field Name	Type	Len	Description
SMF080_SUBJECTSDN_C.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_SUBJECTSDN_C.zDA2.<fieldname>			
zC	XVCHAR	0 64	(IBM name: N/A) C from SUBJECTSDN.

Secondary segment: **SMF080_SUBJECTSDN_SP**

Field Name	Type	Len	Description
SMF080_SUBJECTSDN_SP.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_SUBJECTSDN_SP.zDA2.<fieldname>			
zSP	XVCHAR	0 64	(IBM name: N/A) SP from SUBJECTSDN.

Secondary segment: **SMF080_SUBJECTSDN_L**

Field Name	Type	Len	Description
SMF080_SUBJECTSDN_L.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_SUBJECTSDN_L.zDA2.<fieldname>			
zL	XVCHAR	0 64	(IBM name: N/A) L from SUBJECTSDN.

Secondary segment: SMF080_SUBJECTSDN_O

Field Name	Type	Len	Description
<i>SMF080_SUBJECTSDN_O.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_SUBJECTSDN_O.zDA2.<fieldname></i>			
zO	XVCHAR	0 64	(IBM name: N/A) O from SUBJECTSDN.

Secondary segment: SMF080_SUBJECTSDN_OU

Field Name	Type	Len	Description
<i>SMF080_SUBJECTSDN_OU.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_SUBJECTSDN_OU.zDA2.<fieldname></i>			
zOU	XVCHAR	0 64	(IBM name: N/A) OU from SUBJECTSDN.

Secondary segment: SMF080_SUBJECTSDN_T

Field Name	Type	Len	Description
<i>SMF080_SUBJECTSDN_T.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_SUBJECTSDN_T.zDA2.<fieldname></i>			
zT	XVCHAR	0 64	(IBM name: N/A) T from SUBJECTSDN.

Secondary segment: SMF080_SUBJECTSDN_CN

Field Name	Type	Len	Description
<i>SMF080_SUBJECTSDN_CN.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_SUBJECTSDN_CN.zDA2.<fieldname>			
Field Name	Type	Len	Description
zCN	XVCHAR	0 64	(IBM name: N/A) CN from SUBJECTSDN.

Secondary segment: **SMF080_SDNFILTER**

Field Name	Type	Len	Description
SMF080_SDNFILTER.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_SDNFILTER.zDA2.<fieldname>			
Field Name	Type	Len	Description
zFILTER	XVCHAR	0 255	(IBM name: N/A) SDNFILTER filter name.

Secondary segment: **SMF080_IDNFILTER**

Field Name	Type	Len	Description
SMF080_IDNFILTER.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_IDNFILTER.zDA2.<fieldname>			
Field Name	Type	Len	Description
zFILTER	XVCHAR	0 255	(IBM name: N/A) IDNFILTER filter name.

Secondary segment: **SMF080_CRITERIA**

Field Name	Type	Len	Description
SMF080_CRITERIA.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_CRITERIA.zDA2.<fieldname>			
Field Name	Type	Len	Description
zCRITERIA	XVCHAR	0 255	(IBM name: N/A) CRITERIA or NEWCRITERIA value.

Secondary segment: **SMF080_Subject_Distinguished_Name**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF080_Subject_Distinguished_Name.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Subject_Distinguished_Name.zDA2.<fieldname></i>			
zDISTNAME	XVCHAR	0 255	(IBM name: N/A) Subject's distinguished name.

Secondary segment: SMF080_Issuer_Distinguished_Name

Field Name	Type	Len	Description
<i>SMF080_Issuer_Distinguished_Name.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Issuer_Distinguished_Name.zDA2.<fieldname></i>			
zDISTNAME	XVCHAR	0 255	(IBM name: N/A) Issuer's distinguished name.

Secondary segment: SMF080_Kerberos_Principal_Name

Field Name	Type	Len	Description
<i>SMF080_Kerberos_Principal_Name.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Kerberos_Principal_Name.zDA2.<fieldname></i>			
zNAME	XVCHAR	0 240	(IBM name: N/A) Kerberos principal name (reserved for use by Network Authentication Service).

Secondary segment: SMF080_Kerberos_Login_Request_Source

Field Name	Type	Len	Description
<i>SMF080_Kerberos_Login_Request_Source.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Kerberos_Login_Request_Source.zDA2.<fieldname></i>			
zLOGIN	XVCHAR		

		0 22	(IBM name: N/A) Kerberos login request source (reserved for use by Network Authentication Service).
--	--	---------	--

Secondary segment: **SMF080_Kerberos_KDC_Status_Code**

Field Name	Type	Len	Description
<i>SMF080_Kerberos_KDC_Status_Code.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Kerberos_KDC_Status_Code.zDA2.<fieldname></i>			
zSTATUS	XVCHAR	0 10	(IBM name: N/A) Kerberos KDC status code (reserved for use by Network Authentication Service).

Secondary segment: **SMF080_ALTNAME_IP_Address**

Field Name	Type	Len	Description
<i>SMF080_ALTNAME_IP_Address.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_ALTNAME_IP_Address.zDA2.<fieldname></i>			
zIP	XVCHAR	0 255	(IBM name: N/A) ALTNAME IP address.

Secondary segment: **SMF080_ALTNAME_Email**

Field Name	Type	Len	Description
<i>SMF080_ALTNAME_Email.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_ALTNAME_Email.zDA2.<fieldname></i>			
zEMAIL	XVCHAR	0 255	(IBM name: N/A) ALTNAME email.

Secondary segment: **SMF080_ALTNAME_Domain**

Field Name	Type	Len	Description
<i>SMF080_ALTNAME_Domain.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_ALTNAME_Domain.zDA2.<fieldname></i>			
zDOMAIN	XVCHAR	0 255	(IBM name: N/A) ALTNAME Domain.

Secondary segment: **SMF080_ALTNAME_URI**

Field Name	Type	Len	Description
<i>SMF080_ALTNAME_URI.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_ALTNAME_URI.zDA2.<fieldname></i>			
zURI	XVCHAR	0 255	(IBM name: N/A) ALTNAME URI.

Secondary segment: **SMF080_R_PKISERV_Flags_1**

Field Name	Type	Len	Description
<i>SMF080_R_PKISERV_Flags_1.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_R_PKISERV_Flags_1.zDA2.<fieldname></i>			
zKEYUSE	INT (ENUM)	1	(IBM name: N/A) KeyUsage flag

Secondary segment: **SMF080_Requested_NotBefore**

Field Name	Type	Len	Description
<i>SMF080_Requested_NotBefore.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Requested_NotBefore.zDA2.<fieldname></i>			

zDATE	CHAR	10	(IBM name: N/A) Requested NotBefore field in the format yyyy/mm/dd.
-------	------	----	--

Secondary segment: **SMF080_Requested_NotAfter**

Field Name	Type	Len	Description
<i>SMF080_Requested_NotAfter.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Requested_NotAfter.zDA2.<fieldname></i>			
zDATE	CHAR	10	(IBM name: N/A) Requested NotAfter field in the format yyyy/mm/dd.

Secondary segment: **SMF080_R_PKISERV_target_User**

Field Name	Type	Len	Description
<i>SMF080_R_PKISERV_target_User.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_R_PKISERV_target_User.zDA2.<fieldname></i>			
zUSER	CHAR	8	(IBM name: N/A) IRRSPX00 target user ID.

Secondary segment: **SMF080_R_PKISERV_target_Label**

Field Name	Type	Len	Description
<i>SMF080_R_PKISERV_target_Label.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_R_PKISERV_target_Label.zDA2.<fieldname></i>			
zLABEL	XVCHAR	0 32	(IBM name: N/A) IRRSPX00 target label.

Secondary segment: **SMF080_R_PKISERV_SignWith**

Field Name	Type	Len	Description
<i>SMF080_R_PKISERV_SignWith.<fieldname></i>			

zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_R_PKISERV_SignWith.zDA2.<fieldname>

zSIGNIN	XVCHAR	0 45	(IBM name: N/A) IRRS PX00 SignWith field.
---------	--------	---------	--

Secondary segment: SMF080_Requested_Subject_DN

Field Name	Type	Len	Description
<i>SMF080_Requested_Subject_DN.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Requested_Subject_DN.zDA2.<fieldname>

zDOMAIN	XVCHAR	0 255	(IBM name: N/A) Requested Subject's DN.
---------	--------	----------	--

Secondary segment: SMF080_Requested_AltIPAddr

Field Name	Type	Len	Description
<i>SMF080_Requested_AltIPAddr.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Requested_AltIPAddr.zDA2.<fieldname>

zIP	XVCHAR	0 64	(IBM name: N/A) Requested AltIPAddr field.
-----	--------	---------	---

Secondary segment: SMF080_Requested_AltURI

Field Name	Type	Len	Description
<i>SMF080_Requested_AltURI.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Requested_AltURI.zDA2.<fieldname>

zURI	XVCHAR	0 255	(IBM name: N/A) Requested AltURI field.
------	--------	----------	--

Secondary segment: **SMF080_Requested_AltEmail**

Field Name	Type	Len	Description
<i>SMF080_Requested_AltEmail.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Requested_AltEmail.zDA2.<fieldname></i>			
zEMAIL	XVCHAR	0 100	(IBM name: N/A) Requested AltEmail field.

Secondary segment: **SMF080_Requested_AltDomain**

Field Name	Type	Len	Description
<i>SMF080_Requested_AltDomain.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Requested_AltDomain.zDA2.<fieldname></i>			
zDOMAIN	XVCHAR	0 100	(IBM name: N/A) Requested AltDomain field.

Secondary segment: **SMF080_R_PKISERV_CertId**

Field Name	Type	Len	Description
<i>SMF080_R_PKISERV_CertId.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_R_PKISERV_CertId.zDA2.<fieldname></i>			
zCERTID	XVCHAR	0 56	(IBM name: N/A) IRRS PX00 CertId.

Secondary segment: **SMF080_Policy_Director_Protected_Object**

Field Name	Type	Len	Description
<i>SMF080_Policy_Director_Protected_Object.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	

			(IBM name: SMF80DL2) Length of data that follows
SMF080_Policy_Director_Protected_Object.zDA2.<fieldname>			
zOBJECT	XVCHAR	0 4096	(IBM name: N/A) Policy Director protected object (reserved for use by Policy Director Authorization Services).

Secondary segment: **SMF080_Policy_Director_Permissions**

Field Name	Type	Len	Description
SMF080_Policy_Director_Permissions.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Policy_Director_Permissions.zDA2.<fieldname>			
zPERM	XVCHAR	0 1024	(IBM name: N/A) Requested Policy Director permissions (reserved for use by Policy Director Authorization Services).

Secondary segment: **SMF080_Policy_Director_Principal_User**

Field Name	Type	Len	Description
SMF080_Policy_Director_Principal_User.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Policy_Director_Principal_User.zDA2.<fieldname>			
zUSER	CHAR	8	(IBM name: N/A) Policy Director principal user ID (reserved for use by Policy Director Authorization Services).

Secondary segment: **SMF080_Principal_ID_String**

Field Name	Type	Len	Description
SMF080_Principal_ID_String.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Principal_ID_String.zDA2.<fieldname>			
zID	CHAR	36	(IBM name: N/A) Principal ID string in the format nnnnnnnn-nnnnnnnn-nnnn-nnnnnnnnnnnn where n is any hexadecimal digit (reserved for use by Policy Director Authorization Services).

Secondary segment: **SMF080_Policy_Director_Protection_Quality**

Field Name	Type	Len	Description
<i>SMF080_Policy_Director_Protection_Quality.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Policy_Director_Protection_Quality.zDA2.<fieldname></i>			
zQUALITY	INT	4	(IBM name: N/A) Policy Director quality of protection value (reserved for use by Policy Director Authorization Services).

Secondary segment: **SMF080_HostIDMappings_Extension_Data**

Field Name	Type	Len	Description
<i>SMF080_HostIDMappings_Extension_Data.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_HostIDMappings_Extension_Data.zDA2.<fieldname></i>			
zMAPS	CHAR	1024	(IBM name: N/A) HostIDMappings extension data.

Secondary segment: **SMF080_Certificate_Requester**

Field Name	Type	Len	Description
<i>SMF080_Certificate_Requester.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Certificate_Requester.zDA2.<fieldname></i>			
zNAME	XVCHAR	0 32	(IBM name: N/A) Certificate requester's name.

Secondary segment: **SMF080_R_PKISERV_Flags_2**

Field Name	Type	Len	Description
<i>SMF080_R_PKISERV_Flags_2.<fieldname></i>			
zTP2	INT	2	

			(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_R_PKISERV_Flags_2.zDA2.<fieldname>**SMF080_R_PKISERV_Flags_2.zDA2.zFLAGS.<fieldname>**

zPASS	BINT (ENUM)	1	(IBM name: N/A) Pass phrase specified.
-------	----------------	---	---

Secondary segment: SMF080_Certificate_Status

Field Name	Type	Len	Description
<i>SMF080_Certificate_Status.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Certificate_Status.zDA2.<fieldname>

zSTATUS	CHAR	32	(IBM name: N/A) Certificate or certificate request status.
---------	------	----	---

Secondary segment: SMF080_Creation_Date

Field Name	Type	Len	Description
<i>SMF080_Creation_Date.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Creation_Date.zDA2.<fieldname>

zCREATE	CHAR	10	(IBM name: N/A) Creation date in the format yyyy/mm/dd.
---------	------	----	--

Secondary segment: SMF080_Last_Modified

Field Name	Type	Len	Description
<i>SMF080_Last_Modified.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Last_Modified.zDA2.<fieldname>

zMOD	CHAR	10	
------	------	----	--

			(IBM name: N/A) Last modified in the format yyyy/mm/dd.
--	--	--	--

Secondary segment: **SMF080_Certificate_Serial_Number_Prev**

Field Name	Type	Len	Description
<i>SMF080_Certificate_Serial_Number_Prev.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Certificate_Serial_Number_Prev.zDA2.<fieldname></i>			
zSERIAL	XVCHAR	0 255	(IBM name: N/A) Certificate serial number for previously issued certificate.

Secondary segment: **SMF080_Certificate_Action**

Field Name	Type	Len	Description
<i>SMF080_Certificate_Action.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Certificate_Action.zDA2.<fieldname></i>			
zACTION	INT	4	(IBM name: N/A) Action taken on certificate or certificate request.

Secondary segment: **SMF080_Action_Comment**

Field Name	Type	Len	Description
<i>SMF080_Action_Comment.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Action_Comment.zDA2.<fieldname></i>			
zCOMMENT	XVCHAR	0 64	(IBM name: N/A) Action comment.

Secondary segment: **SMF080_Certificate_Revocation_Reason**

Field Name	Type	Len	Description
<i>SMF080_Certificate_Revocation_Reason.<fieldname></i>			

zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Certificate_Revocation_Reason.zDA2.<fieldname>

zREASON	INT	4	(IBM name: N/A) Certificate revocation reason.
---------	-----	---	---

Secondary segment: SMF080_ACL_Type

Field Name	Type	Len	Description
<i>SMF080_ACL_Type.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_ACL_Type.zDA2.<fieldname>

zTYPE	INT (ENUM)	1	(IBM name: N/A) ACL type. ACCESS => Access ACL, FILE => File model, DIR => Directory model.
-------	---------------	---	--

Secondary segment: SMF080_Effective_ACL_Entry

Field Name	Type	Len	Description
<i>SMF080_Effective_ACL_Entry.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Effective_ACL_Entry.zDA2.<fieldname>

zOATYPE	INT (ENUM)	1	(IBM name: N/A) Effective ACL entry operation type.
---------	---------------	---	--

Secondary segment: SMF080_ACL_Entry_Identifier

Field Name	Type	Len	Description
<i>SMF080_ACL_Entry_Identifier.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_ACL_Entry_Identifier.zDA2.<fieldname>

zTYPE	INT (ENUM)	1	(IBM name: N/A) Type code: UID => User (UID) entry, GID => Group (GID) entry.
-------	---------------	---	--

zID	INT	4	(IBM name: N/A) UID or GID value.
-----	-----	---	--------------------------------------

Secondary segment: SMF080_Old_ACL_Entry_Modify_And_Delete

Field Name	Type	Len	Description
<i>SMF080_Old_ACL_Entry_Modify_And_Delete.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Old_ACL_Entry_Modify_And_Delete.zDA2.<fieldname></i>			
zBITS	BIT	8	Old ACL entry bits for modify and delete operations.

Secondary segment: SMF080_New_ACL_Entry_Add_And_Modify

Field Name	Type	Len	Description
<i>SMF080_New_ACL_Entry_Add_And_Modify.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_New_ACL_Entry_Add_And_Modify.zDA2.<fieldname></i>			
zBITS	BIT	8	New ACL entry bits for add and modify operations.

Secondary segment: SMF080_Policy_Director_Credential

Field Name	Type	Len	Description
<i>SMF080_Policy_Director_Credential.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Policy_Director_Credential.zDA2.<fieldname></i>			
zTYPE	INT (ENUM)	1	(IBM name: N/A) Policy Director credential type flag (reserved for use by Policy Director Authorization Services). UNAUTH => Unauthenticated, AUTH => Authenticated.

Secondary segment: SMF080_Notify_Email_Address

Field Name	Type	Len	Description
<i>SMF080_Notify_Email_Address.<fieldname></i>			

zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Notify_Email_Address.zDA2.<fieldname>

zEMAIL	XVCHAR	0 64	(IBM name: N/A) Email address for notification purposes.
--------	--------	---------	---

Secondary segment: SMF080_Server_Security_Label

Field Name	Type	Len	Description
<i>SMF080_Server_Security_Label.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Server_Security_Label.zDA2.<fieldname>

zLABEL	CHAR	8	(IBM name: N/A) Server's security label.
--------	------	---	---

Secondary segment: SMF080_Extended_KeyUsage

Field Name	Type	Len	Description
<i>SMF080_Extended_KeyUsage.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Extended_KeyUsage.zDA2.<fieldname>

zKEYUSE	XVCHAR	0 255	(IBM name: N/A) Extended keyUsage.
---------	--------	----------	---------------------------------------

Secondary segment: SMF080_Certificate_Policies

Field Name	Type	Len	Description
<i>SMF080_Certificate_Policies.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Certificate_Policies.zDA2.<fieldname>

zPOLICY	XVCHAR	0 32	(IBM name: N/A) Certificate policies.
---------	--------	---------	--

Secondary segment: SMF080_Authority_Information_Access

Field Name	Type	Len	Description
<i>SMF080_Authority_Information_Access.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Authority_Information_Access.zDA2.<fieldname></i>			
zACCESS	XVCHAR	0 1024	(IBM name: N/A) Authority information access.

Secondary segment: SMF080_Critical_Extensions

Field Name	Type	Len	Description
<i>SMF080_Critical_Extensions.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Critical_Extensions.zDA2.<fieldname></i>			
zEXT	XVCHAR	0 255	(IBM name: N/A) Critical extensions.

Secondary segment: SMF080_CRL_Issuing_Distribution_Point_DN

Field Name	Type	Len	Description
<i>SMF080_CRL_Issuing_Distribution_Point_DN.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_CRL_Issuing_Distribution_Point_DN.zDA2.<fieldname></i>			
zDOMAIN	XVCHAR	0 255	(IBM name: N/A) CRL's issuing distribution point DN.

Secondary segment: SMF080_CRL_Date_Of_Issue

Field Name	Type	Len	Description
<i>SMF080_CRL_Date_Of_Issue.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	

			(IBM name: SMF80DL2) Length of data that follows
SMF080_CRL_Date_Of_Issue.zDA2.<fieldname>			
zDATE	CHAR	10	(IBM name: N/A) CRL's date of issue.

Secondary segment: **SMF080_CRL_Time_Of_Issue**

Field Name	Type	Len	Description
SMF080_CRL_Time_Of_Issue.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_CRL_Time_Of_Issue.zDA2.<fieldname>			
zTIME	CHAR	8	(IBM name: N/A) CRL's time of issue.

Secondary segment: **SMF080_CRL_Expiration_Date**

Field Name	Type	Len	Description
SMF080_CRL_Expiration_Date.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_CRL_Expiration_Date.zDA2.<fieldname>			
zDATE	CHAR	10	(IBM name: N/A) CRL's expiration date.

Secondary segment: **SMF080_CRL_Expiration_Time**

Field Name	Type	Len	Description
SMF080_CRL_Expiration_Time.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_CRL_Expiration_Time.zDA2.<fieldname>			
zTIME	CHAR	8	(IBM name: N/A) CRL's expiration time.

Secondary segment: SMF080_CRL_Date_Of_Publish

Field Name	Type	Len	Description
<i>SMF080_CRL_Date_Of_Publish.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_CRL_Date_Of_Publish.zDA2.<fieldname></i>			
zDATE	CHAR	10	(IBM name: N/A) CRL's date of publish.

Secondary segment: SMF080_CRL_Time_Of_Publish

Field Name	Type	Len	Description
<i>SMF080_CRL_Time_Of_Publish.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_CRL_Time_Of_Publish.zDA2.<fieldname></i>			
zTIME	CHAR	8	(IBM name: N/A) CRL's time of publish.

Secondary segment: SMF080_SERVAUTH_Port_Of_Entry

Field Name	Type	Len	Description
<i>SMF080_SERVAUTH_Port_Of_Entry.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_SERVAUTH_Port_Of_Entry.zDA2.<fieldname></i>			
zPOE	XVCHAR	0 64	(IBM name: N/A) SERVAUTH port of entry name (profile name protecting the SERVAUTH name if resource name is unavailable).

Secondary segment: SMF080_CRL_Issuing_Distribution_Point_URI

Field Name	Type	Len	Description
<i>SMF080_CRL_Issuing_Distribution_Point_URI.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_CRL_Issuing_Distribution_Point_URI.zDA2.<fieldname>			
zURI	XVCHAR	0 1024	(IBM name: N/A) CRL's issuing distribution point URI.

Secondary segment: **SMF080_Requested_ALTNAME_OtherName**

Field Name	Type	Len	Description
SMF080_Requested_ALTNAME_OtherName.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Requested_ALTNAME_OtherName.zDA2.<fieldname>			
zNAME	XVCHAR	0 1024	(IBM name: N/A) Requested ALTNAME OtherName.

Secondary segment: **SMF080_Response_From_OCSP**

Field Name	Type	Len	Description
SMF080_Response_From_OCSP.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Response_From_OCSP.zDA2.<fieldname>			
zRESP	XVCHAR	0 1024	(IBM name: N/A) Response from OCSP responder containing a list of triplets. (Certificate serial number, Status: GOOD, REVOKED, or UNKNOWN, Issuer's DN, or 'UNKNOWN ISSUER'). Each item is separated by a comma and each triplet is separated by a blank.

Secondary segment: **SMF080_Primary_User_For_Nested_ACEE**

Field Name	Type	Len	Description
SMF080_Primary_User_For_Nested_ACEE.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Primary_User_For_Nested_ACEE.zDA2.<fieldname>			
zUSER	CHAR	8	(IBM name: N/A) Primary (client) user ID for this nested ACEE.

Secondary segment: SMF080_Target_PKISERV_Certificate

Field Name	Type	Len	Description
<i>SMF080_Target_PKISERV_Certificate.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Target_PKISERV_Certificate.zDA2.<fieldname></i>			
zDOMAIN	CHAR	8	(IBM name: N/A) Domain name of the target PKI Services certificate authority.

Secondary segment: SMF080_Auth_User

Field Name	Type	Len	Description
<i>SMF080_Auth_User.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Auth_User.zDA2.<fieldname></i>			
zUSER	XVCHAR	0 510	(IBM name: N/A) Authenticated user name.

Secondary segment: SMF080_Auth_User_Registry

Field Name	Type	Len	Description
<i>SMF080_Auth_User_Registry.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Auth_User_Registry.zDA2.<fieldname></i>			
zREG	XVCHAR	0 255	(IBM name: N/A) Authenticated user registry name.

Secondary segment: SMF080_Auth_User_Host

Field Name	Type	Len	Description
<i>SMF080_Auth_User_Host.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Auth_User_Host.zDA2.<fieldname>			
Field Name	Type	Len	Description
zHOST	XVCHAR	0 128	(IBM name: N/A) Authenticated user host name.

Secondary segment: SMF080_Auth_User_Mechanism_OID

Field Name	Type	Len	Description
SMF080_Auth_User_Mechanism_OID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Auth_User_Mechanism_OID.zDA2.<fieldname>			
Field Name	Type	Len	Description
zOID	XVCHAR	0 16	(IBM name: N/A) Authenticated user authentication mechanism object identifier (OID).

Secondary segment: SMF080_Access_Criteria

Field Name	Type	Len	Description
SMF080_Access_Criteria.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Access_Criteria.zDA2.<fieldname>			
Field Name	Type	Len	Description
zACCESS	XVCHAR	0 244	(IBM name: N/A) Access criteria. Note: When this relocate is used, the data appears in the form of criteria-name=criteria-value.

Secondary segment: SMF080_PKDS_Label

Field Name	Type	Len	Description
SMF080_PKDS_Label.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_PKDS_Label.zDA2.<fieldname>			
Field Name	Type	Len	Description
zLABEL	XVCHAR	0 64	(IBM name: N/A) PKDS label.

Secondary segment: SMF080_Token

Field Name	Type	Len	Description
<i>SMF080_Token.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Token.zDA2.<fieldname></i>			
zTOK	XVCHAR	0 32	(IBM name: N/A) Token name.

Secondary segment: SMF080_Ring_Owner

Field Name	Type	Len	Description
<i>SMF080_Ring_Owner.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Ring_Owner.zDA2.<fieldname></i>			
zOWNER	CHAR	8	(IBM name: N/A) Ring owner.

Secondary segment: SMF080_NewRing_Reuse_Attributes

Field Name	Type	Len	Description
<i>SMF080_NewRing_Reuse_Attributes.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_NewRing_Reuse_Attributes.zDA2.<fieldname></i>			
zREUSE	INT (ENUM)	1	(IBM name: N/A) Reuse attribute flag for NewRing.

Secondary segment: SMF080_DataPut_Trust_Attributes

Field Name	Type	Len	Description
<i>SMF080_DataPut_Trust_Attributes.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_DataPut_Trust_Attributes.zDA2.<fieldname>			
zTRUST	INT (ENUM)	1	(IBM name: N/A) Trust attribute flag for DataPut.

Secondary segment: SMF080_DataPut_HighTrust_Attributes

Field Name	Type	Len	Description
SMF080_DataPut_HighTrust_Attributes.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_DataPut_HighTrust_Attributes.zDA2.<fieldname>			
zHIGHTRUST	INT (ENUM)	1	(IBM name: N/A) HighTrust attribute flag for DataPut.

Secondary segment: SMF080_DataRemove_Delete_Attributes

Field Name	Type	Len	Description
SMF080_DataRemove_Delete_Attributes.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_DataRemove_Delete_Attributes.zDA2.<fieldname>			
zDELETE	INT (ENUM)	1	(IBM name: N/A) Delete attribute flag for DataRemove.

Secondary segment: SMF080_Certificate_Usage

Field Name	Type	Len	Description
SMF080_Certificate_Usage.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Certificate_Usage.zDA2.<fieldname>			
zUSE	CHAR	8	(IBM name: N/A) Certificate usage: 'SITE', 'CERTAUTH' or 'PERSONAL'.

Secondary segment: SMF080_Defaults

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF080_Defaults.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Defaults.zDA2.<fieldname></i>			
zDEFAULT	INT (ENUM)	1	(IBM name: N/A) Default certificate.

Secondary segment: **SMF080_Private_Key**

Field Name	Type	Len	Description
<i>SMF080_Private_Key.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Private_Key.zDA2.<fieldname></i>			
zPKEY	INT (ENUM)	1	(IBM name: N/A) Private key is specified.

Secondary segment: **SMF080_AutoRenew_Exit_Path**

Field Name	Type	Len	Description
<i>SMF080_AutoRenew_Exit_Path.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_AutoRenew_Exit_Path.zDA2.<fieldname></i>			
zPATH	CHAR	256	(IBM name: N/A) AutoRenew Exit path name..

Secondary segment: **SMF080_Root_Signing_Certificate**

Field Name	Type	Len	Description
<i>SMF080_Root_Signing_Certificate.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Root_Signing_Certificate.zDA2.<fieldname></i>			
zCERT	XVCHAR	0 255	(IBM name: N/A) Root signing certificate subject's distinguished name.

Secondary segment: **SMF080_Program_Signer_Certificate**

Field Name	Type	Len	Description
<i>SMF080_Program_Signer_Certificate.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Program_Signer_Certificate.zDA2.<fieldname></i>			
zCERT	XVCHAR	0 255	(IBM name: N/A) Program signer (end entity) certificate subject's distinguished name.

Secondary segment: **SMF080_R_PgmSignVer_Flags_Byte**

Field Name	Type	Len	Description
<i>SMF080_R_PgmSignVer_Flags_Byte.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_R_PgmSignVer_Flags_Byte.zDA2.<fieldname></i>			
<i>SMF080_R_PgmSignVer_Flags_Byte.zDA2.zFLAGS.<fieldname></i>			
zLOAD	BINT (ENUM)	1	(IBM name: N/A) R_PgmSignVer Module allowed to be loaded.

Secondary segment: **SMF080_Module_Signed_Time**

Field Name	Type	Len	Description
<i>SMF080_Module_Signed_Time.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Module_Signed_Time.zDA2.<fieldname></i>			
zTIME	CHAR	8	(IBM name: N/A) Time module was signed.

Secondary segment: **SMF080_Module_Signed_Date**

Field Name	Type	Len	Description
<i>SMF080_Module_Signed_Date.<fieldname></i>			

zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Module_Signed_Date.zDA2.<fieldname>

zDATE	CHAR	10	(IBM name: N/A) Date module was signed.
-------	------	----	--

Secondary segment: SMF080_Module_Certificate_Chain_Expiry

Field Name	Type	Len	Description
<i>SMF080_Module_Certificate_Chain_Expiry.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Module_Certificate_Chain_Expiry.zDA2.<fieldname>

zDATE	CHAR	10	(IBM name: N/A) Date when module certificate chain expires.
-------	------	----	--

Secondary segment: SMF080_MAP_USERDIDFILTER

Field Name	Type	Len	Description
<i>SMF080_MAP_USERDIDFILTER.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_MAP_USERDIDFILTER.zDA2.<fieldname>

zUSER	XVCHAR	0 246	(IBM name: N/A) Value of the user ID filter from the USERDIDFILTER keyword on MAP.
-------	--------	----------	---

Secondary segment: SMF080_RACMAP_REGISTRY

Field Name	Type	Len	Description
<i>SMF080_RACMAP_REGISTRY.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_RACMAP_REGISTRY.zDA2.<fieldname>

zREG	XVCHAR	0 255	(IBM name: N/A) Value of the registry name from the REGISTRY keyword of RACMAP.
------	--------	----------	--

Secondary segment: SMF080_Profile_Auto_Update

Field Name	Type	Len	Description
<i>SMF080_Profile_Auto_Update.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Profile_Auto_Update.zDA2.<fieldname></i>			
zNAME	XVCHAR	0 20	(IBM name: N/A) Service or process name for automatically updated profile.

Secondary segment: SMF080_Automatically_Updated_Profile_Class

Field Name	Type	Len	Description
<i>SMF080_Automatically_Updated_Profile_Class.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Automatically_Updated_Profile_Class.zDA2.<fieldname></i>			
zCLASS	XVCHAR	0 8	(IBM name: N/A) Class for automatically updated profile.

Secondary segment: SMF080_Automatically_Updated_Profile

Field Name	Type	Len	Description
<i>SMF080_Automatically_Updated_Profile.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Automatically_Updated_Profile.zDA2.<fieldname></i>			
zNAME	XVCHAR	0 255	(IBM name: N/A) Automatically updated profile name.

Secondary segment: SMF080_Automatically_Updated_Profile_Data

Field Name	Type	Len	Description
<i>SMF080_Automatically_Updated_Profile_Data.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	

			(IBM name: SMF80DL2) Length of data that follows
SMF080_Automatically_Updated_Profile_Data.zDA2.<fieldname>			
zDATA	XVCHAR	0 4000	(IBM name: N/A) Automatically updated profile data.

Secondary segment: **SMF080_Key_ID**

Field Name	Type	Len	Description
SMF080_Key_ID.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Key_ID.zDA2.<fieldname>			
zKEY	CHAR	40	(IBM name: N/A) Key ID.

Secondary segment: **SMF080_Key_Size**

Field Name	Type	Len	Description
SMF080_Key_Size.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Key_Size.zDA2.<fieldname>			
zSIZE	CHAR	4	(IBM name: N/A) Key size.

Secondary segment: **SMF080_Requester_Email**

Field Name	Type	Len	Description
SMF080_Requester_Email.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_Requester_Email.zDA2.<fieldname>			
zEMAIL	CHAR	32	(IBM name: N/A) Requester email.

Secondary segment: SMF080_Auth_Distributed_identity_User

Field Name	Type	Len	Description
<i>SMF080_Auth_Distributed_identity_User.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Auth_Distributed_identity_User.zDA2.<fieldname></i>			
zUSER	XVCHAR	0 246	(IBM name: N/A) Authenticated distributed-identity user name.

Secondary segment: SMF080_Auth_Distributed_identity_Registry

Field Name	Type	Len	Description
<i>SMF080_Auth_Distributed_identity_Registry.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Auth_Distributed_identity_Registry.zDA2.<fieldname></i>			
zREG	XVCHAR	0 246	(IBM name: N/A) Authenticated distributed-identity registry name.

Secondary segment: SMF080_Key_Algorithm

Field Name	Type	Len	Description
<i>SMF080_Key_Algorithm.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Key_Algorithm.zDA2.<fieldname></i>			
zALG	CHAR	10	(IBM name: N/A) Key algorithm.

Secondary segment: SMF080_Customized_Extension

Field Name	Type	Len	Description
<i>SMF080_Customized_Extension.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Customized_Extension.zDA2.<fieldname>			
Field Name	Type	Len	Description
zEXT	CHAR	1024	(IBM name: N/A) Customized extension.

Secondary segment: SMF080_Record_Link

Field Name	Type	Len	Description
SMF080_Record_Link.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Record_Link.zDA2.<fieldname>			
Field Name	Type	Len	Description
zLINK	CHAR	32	(IBM name: N/A) Record link.

Secondary segment: SMF080_Signing_Algorithm

Field Name	Type	Len	Description
SMF080_Signing_Algorithm.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Signing_Algorithm.zDA2.<fieldname>			
Field Name	Type	Len	Description
zALG	CHAR	32	(IBM name: N/A) Signing Algorithm.

Secondary segment: SMF080_Required_Request_Approvals

Field Name	Type	Len	Description
SMF080_Required_Request_Approvals.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Required_Request_Approvals.zDA2.<fieldname>			
Field Name	Type	Len	Description
zAPPROVALS	INT	2	(IBM name: N/A) Number of approvals required for the request.

Secondary segment: SMF080_Count_Of_Approvals_Performed

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF080_Count_Of_Approvals_Performed.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_Count_Of_Approvals_Performed.zDA2.<fieldname></i>			
zAPPROVALS	INT	2	(IBM name: N/A) Count of approvals performed.

Secondary segment: SMF080_DataPut_DataAlter_Notrust_Attributes

Field Name	Type	Len	Description
<i>SMF080_DataPut_DataAlter_Notrust_Attributes.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_DataPut_DataAlter_Notrust_Attributes.zDA2.<fieldname></i>			
zNOTRUST	INT (ENUM)	1	(IBM name: N/A) Notrust attribute flag for DataPut and DataAlter.

Secondary segment: SMF080_DataRemove_Delete_Attributes_Ring

Field Name	Type	Len	Description
<i>SMF080_DataRemove_Delete_Attributes_Ring.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_DataRemove_Delete_Attributes_Ring.zDA2.<fieldname></i>			
zDELETE	INT (ENUM)	1	(IBM name: N/A) Delete attribute flag for DataRemove, even if the certificate is connected to rings.

Secondary segment: SMF080_DataRemove_Delete_Attributes_GENREQ

Field Name	Type	Len	Description
<i>SMF080_DataRemove_Delete_Attributes_GENREQ.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

<i>SMF080_DataRemove_Delete_Attributes_GENREQ.zDA2.<fieldname></i>			
zDELETE		1	

	INT (ENUM)		(IBM name: N/A) Delete attribute flag for DataRemove, even if the certificate is used for GENREQ.
--	---------------	--	--

Secondary segment: SMF080_Source_Certificate_Label

Field Name	Type	Len	Description
<i>SMF080_Source_Certificate_Label.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Source_Certificate_Label.zDA2.<fieldname></i>			
zLABEL	CHAR	32	(IBM name: N/A) Source certificate label.

Secondary segment: SMF080_Multifactor_Auth_Subkeyword

Field Name	Type	Len	Description
<i>SMF080_Multifactor_Auth_Subkeyword.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Multifactor_Auth_Subkeyword.zDA2.<fieldname></i>			
<i>SMF080_Multifactor_Auth_Subkeyword.zDA2.zFLAGS1.<fieldname></i>			
zPWFALLBACK	BINT (ENUM)	1	(IBM name: N/A) PWFALLBACK specified.
zNOPWFALLBACK	BINT (ENUM)	1	NOPWFALLBACK specified.
zFACTOR	BINT (ENUM)	1	FACTOR specified.
zDELFACOR	BINT (ENUM)	1	DELFACOR specified.
zACTIVE	BINT (ENUM)	1	ACTIVE specified.
zNOACTIVE	BINT (ENUM)	1	NOACTIVE specified.
zTAGS	BINT (ENUM)	1	TAGS specified.
zDELTAGS	BINT (ENUM)	1	DELTAGS specified.
<i>SMF080_Multifactor_Auth_Subkeyword.zDA2.zFLAGS2.<fieldname></i>			
zNOTAGS	BINT (ENUM)	1	(IBM name: N/A) NOTAGS specified.
zADDPOLICY	BINT (ENUM)	1	ADDPOLICY specified.

zDELPOLICY	BINT (ENUM)	1	DELPOLICY specified.
------------	----------------	---	----------------------

Secondary segment: SMF080_Multifactor_Auth_Factor

Field Name	Type	Len	Description
<i>SMF080_Multifactor_Auth_Factor.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Multifactor_Auth_Factor.zDA2.<fieldname></i>			
zNAME	XVCHAR	0 4096	(IBM name: N/A) Multifactor authentication factor name.

Secondary segment: SMF080_Multifactor_Auth_TAGS

Field Name	Type	Len	Description
<i>SMF080_Multifactor_Auth_TAGS.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Multifactor_Auth_TAGS.zDA2.<fieldname></i>			
zTAG	XVCHAR	0 4096	(IBM name: N/A) MFA tag entry from the TAGS/DELTAGS keyword. When TAGS is specified, the entry value is the tag name and value separated by a colon (:). When DELTAGS is specified, the entry value is the tag name only.

Secondary segment: SMF080_Multifactor_Auth_Authentication

Field Name	Type	Len	Description
<i>SMF080_Multifactor_Auth_Authentication.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_Multifactor_Auth_Authentication.zDA2.<fieldname></i>			
<i>SMF080_Multifactor_Auth_Authentication.zDA2.zFLAGS1.<fieldname></i>			
zVLFCACHE	BINT (ENUM)	1	(IBM name: N/A) ACEE was created from VLF cache.
zACTIVEMFA	BINT (ENUM)	1	User has active MFA factor(s).
zFALLBACK	BINT (ENUM)	1	MFA user allowed to fall back when no MFA decision can be made.

zNODEC	BINT (ENUM)	1	No MFA decision for MFA user.
zPASSEXP	BINT (ENUM)	1	IBM MFA requested that RACROUTE REQUEST=VERIFY return the password-expired return code.
zNPASSINV	BINT (ENUM)	1	IBM MFA requested that RACROUTE REQUEST=VERIFY return the new-passwordinvalid return code.
zPASSINV	BINT (ENUM)	1	IBM MFA requested that RACROUTE REQUEST=VERIFY return the password-invalid return code, but not to increment the password revoke count (partial success).

SMF080_Multifactor_Auth_Authentication.zDA2.zFLAGS2.<fieldname>			
zPASS	BINT (ENUM)	1	(IBM name: N/A) Password Evaluated.
zPASSOK	BINT (ENUM)	1	Password Successful.
zPASSPHR	BINT (ENUM)	1	Password Phrase Evaluated.
zPASSPHROK	BINT (ENUM)	1	Password Phrase Successful.
zPASSTICK	BINT (ENUM)	1	Passticket Evaluated.
zPASSTICKOK	BINT (ENUM)	1	Passticket Successful.
zMFAOK	BINT (ENUM)	1	MFA authentication successful.
zMFAFAIL	BINT (ENUM)	1	MFA authentication unsuccessful.

SMF080_Multifactor_Auth_Authentication.zDA2.<fieldname>			
zAUTHREAS_1	INT	4	(IBM name: N/A) Authentication reason, part 1.
zAUTHREAS_2	INT	4	(IBM name: N/A) Authentication reason, part 2.

Secondary segment: SMF080_Multifactor_Auth_Policy

Field Name	Type	Len	Description
<i>SMF080_Multifactor_Auth_Policy.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_Multifactor_Auth_Policy.zDA2.<fieldname>			
zPOLICY	XVCHAR	0 4096	(IBM name: N/A) MFA policy name entry from the ADDPOLICY/DELPOLICY keyword.

Secondary segment: SMF080_FASTAUTH_Information

Field Name	Type	Len	Description
<i>SMF080_FASTAUTH_Information.<fieldname></i>			

zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows

SMF080_FASTAUTH_Information.zDA2.<fieldname>			
zLEN	INT	2	(IBM name: SMF80LEN) Length of REQUEST=FASTAUTH information. Includes the length of the ID and length field. Maximum length value is 1100 bytes.
zIF	HEX	2	(IBM name: N/A) FASTAUTH ID. IDs from X'0000' to X'0FFF' are reserved for IBM (X'0001' identifies the data as a CICS identity), IDs from X'1000' to X'1FFF' are reserved for vendors, IDs from X'2000' to X'FFFF' are reserved for customer data.

SMF080_FASTAUTH_Information.zDA2.zFP.<fieldname>			
zFID	INT	2	(IBM name: N/A) Field ID.
zFLEN	INT	2	(IBM name: N/A) Field Data Length.
zDATA	XVCHAR	0 1092	(IBM name: N/A) Field Data.

Secondary segment: SMF080_FingerPrint_Subject

Field Name	Type	Len	Description
SMF080_FingerPrint_Subject.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_FingerPrint_Subject.zDA2.<fieldname>			
zFingerPrint	XVCHAR	0 32	(IBM name: N/A) SHA256 Certificate Fingerprint of the subject certificate

Secondary segment: SMF080_FingerPrint_Issuer

Field Name	Type	Len	Description
SMF080_FingerPrint_Issuer.<fieldname>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
SMF080_FingerPrint_Issuer.zDA2.<fieldname>			
zFingerPrint	XVCHAR	0 32	(IBM name: N/A) SHA256 Certificate Fingerprint of the issuer certificate

Secondary segment: SMF080_FingerPrint_Before

Field Name	Type	Len	Description
<i>SMF080_FingerPrint_Before.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF80TP2) Data type
zDL2	INT	2	(IBM name: SMF80DL2) Length of data that follows
<i>SMF080_FingerPrint_Before.zDA2.<fieldname></i>			
zFingerPrint	XVCHAR	0 32	(IBM name: N/A) SHA256 Certificate Fingerprint of the subject certificate before it is renewed

Record Type 81 - RACF Initialization

SMF Record 81 (Security Product Processing) is mapped by structure member "T081".

Primary Segment:

- [SMF081_RACF_Initialization](#)

Secondary Segment(s): 1

- [SMF081_Reloc](#)

Primary segment: [SMF081_RACF_Initialization](#)

Field Name	Type	Len	Description
<i>SMF081_RACF_Initialization.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF81FLG) System indicator Bit Meaning when set 0-2 Reserved for IBM's use 3MVS/4MVS/5MVS/6VS27RESERVED FOR IBM'S USENote: For MVS/, bits 3, 4, 5, and 6 are on.
zRTY	INT	1	(IBM name: SMF81RTY) Record type: 81 ('X'51').
zTME	TSTMP	8	(IBM name: SMF81TME) Date/Time that the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF81SID) System identification (from the SID parameter).
zRDS	CHAR	44	(IBM name: SMF81RDS) Data set name of the RACF database for this IPL (blanks if RACF is not active).
zRVL	CHAR	6	(IBM name: SMF81RVL) Volume identification of RACF database. If the database is split among several DASD volumes, this field equals the first primary data set. If RACF is not active, this field is blank.
zRUN	CHAR	3	(IBM name: SMF81RUN) Unit name of RACF database. blanks if RACF is not active. Note: If the master RACF primary database is on a device whose address is greater than 'X'FFF', the field contains 'UCB' instead of the EBCDIC device name.
zUDS	CHAR	44	(IBM name: SMF81UDS) Data set name of the user attribute data set (UADS) data set for this IPL.
zUVL	CHAR	6	(IBM name: SMF81UVL) Volume identification of the user attribute data set (UADS) data set. 138 z/OS: Security Server RACF Macros and Interfaces

<i>SMF081_RACF_Initialization.zOPT.<fieldname></i>			
zNoVer	BIT	1	NO RACROUTE REQUEST=VERIFY STATISTICS ARE RECORDED
zNoStat	BIT	1	NO DATASET STATISTICS ARE RECORDED
zVERIFY_PRE	BIT	1	RACROUTE REQUEST=VERIFY PREPROCESSING EXIT ROUTINE, ICHRIXO1, is active
zAUTH_PRE	BIT	1	RACROUTE REQUEST=AUTH PREPROCESSING EXIT ROUTINE, ICHRCXO1, is active
zDEFINE_PRE	BIT	1	RACROUTE REQUEST=DEFINE PREPROCESSING EXIT ROUTINE, ICHRD XO1, is active
zVERIFY_POST	BIT	1	RACROUTE REQUEST=VERIFY POSTPROCESSING EXIT ROUTINE, ICHRIXO2, is active
zAUTH_POST	BIT	1	RACROUTE REQUEST=AUTH POSTPROCESSING EXIT ROUTINE, ICHRCXO2, is active
zNEW_PASS	BIT	1	NEW-PASSWORD EXIT ROUTINE, ICHPWXO1, IS ACTIVE

SMF081_RACF_Initialization.zOP2.<fieldname>			
zNoTapeStats	BIT	1	No tape volume statistics are recorded
zNoDASDStats	BIT	1	No DASD volume statistics are recorded
zNoTermStats	BIT	1	No terminal statistics are recorded
zICHCNX00	BIT	1	Command exit routine ICHCNX00 is active
zICHCCX00	BIT	1	Command exit routine ICHCCX00 is active
zNoADSP	BIT	1	ADSP is not active
zICHDEX01	BIT	1	Encryption exit routine, ICHDEX01 is active
zICHNCV00	BIT	1	Naming convention table, ICHNCV00 is present

SMF081_RACF_Initialization.zOP3.<fieldname>			
zTapeProt	BIT	1	TAPE VOLUME PROTECTION IS IN EFFECT.
zNoDupDSN	BIT	1	NO DUPLICATE DATA SET NAMES ARE TO BE DEFINED
zDASDProt	BIT	1	DASD VOLUME PROTECTION IS IN EFFECT
zVersInd	BIT	1	RECORD CONTAINS VERSION INDICATOR
zFASTAUTH_PRE	BIT	1	RACROUTE REQUEST=FASTAUTH PREPROCESSING EXIT ROUTINE,ICHRFX01, is active
zLIST_PRE_POST	BIT	1	RACROUTE REQUEST=LIST PRE- AND POSTPROCESSING EXIT routine, ICHRLX01, is active
zLIST_SEL	BIT	1	RACROUTE REQUEST=LIST SELECTION EXIT ROUTINE, ICHRLX02, IS active
zDEFINE_POST	BIT	1	RACROUTE REQUEST=DEFINE POSTPROCESSING EXIT ROUTINE,ICHRDX02, is active.

SMF081_RACF_Initialization.zAOP.<fieldname>			
zUSER	BIT	1	USER CLASS PROFILE CHANGES ARE BEING LOGGED
zGROUP	BIT	1	GROUP CLASS PROFILE CHANGES ARE BEING LOGGED
zDATA	BIT	1	DATA SET CLASS PROFILE CHANGES ARE BEING LOGGED
zTAPE	BIT	1	TAPE VOLUME CLASS PROFILE CHANGES ARE BEING LOGGED
zDASD	BIT	1	DASD VOLUME CLASS PROFILE CHANGES ARE BEING LOGGED
zTERMINAL	BIT	1	TERMINAL CLASS PROFILE CHANGES ARE BEING LOGGED
zRACF	BIT	1	RACF COMMAND VIOLATIONS ARE BEING LOGGED
zSPECIAL	BIT	1	SPECIAL USER ACTIVITY IS BEING LOGGED.

SMF081_RACF_Initialization.zAO2.<fieldname>			
zAudSecLev	BIT	1	Audit by security level is in effect

SMF081_RACF_Initialization.zTMO.<fieldname>			
zTERMINAL	BIT	1	TERMINAL AUTHORIZATION CHECKING IS IN EFFECT
zUNIVERSAL	BIT	1	UNIVERSAL ACCESS FOR UNDEFINED TERMINALS IS NONE. IF NOT SET,UACC=READ
zREALDSN	BIT	1	REALDSN IS IN EFFECT
zJES_XBMALLRACF	BIT	1	JES-XBMALLRACF IS IN EFFECT
zJES_EARLYVERIFY	BIT	1	JES-EARLYVERIFY IS IN EFFECT
zJES_BATCHALLRACF	BIT	1	JES-BATCHALLRACF IS IN EFFECT
zFASTAUTH_POST	BIT	1	RACROUTE REQUEST=FASTAUTH POSTPROCESSING EXIT ROUTINE,ICHRFX02, is active

SMF081_RACF_Initialization.<fieldname>			
zPIV	INT	1	(IBM name: SMF81PIV) Maximum password interval (0-254).
zREL	INT	2	(IBM name: SMF81REL) Offset to the first relocate section from the beginning of the record header.
zCNT	INT	2	(IBM name: SMF81CNT) Number of relocate sections.
zVER	INT	1	(IBM name: SMF81VER) Version indicator (6 = RACF Version 1, Release 7). As of RACF 1.8.1, SMF81VRM is used instead.
zQL	CHAR	8	(IBM name: SMF81QL) Single-level data set name.

SMF081_RACF_Initialization.zOP4.<fieldname>			
zTAPEDSN	BIT	1	TAPEDSN is in effect
zPROTECT_ALL	BIT	1	PROTECT-ALL is in effect
zPROTECT_ALL2	BIT	1	PROTECT-ALL warning is in effect
zERASE_ON_SCRATCH	BIT	1	ERASE-ON-SCRATCH is in effect
zERASE_ON_SCRATCH2	BIT	1	ERASE-ON-SCRATCH by SECLEVEL is in effect
zERASE_ON_SCRATCH3	BIT	1	ERASE-ON-SCRATCH for all data sets is in effect
zGenNaming	BIT	1	Enhanced generic naming is in effect
zHasVer	BIT	1	Record contains a version, release, and modification number (see SMF81VRM)

SMF081_RACF_Initialization.zOP5.<fieldname>			
zAccByProg	BIT	1	ACCESS CONTROL BY PROGRAM IS IN EFFECT
zIRRAX01	BIT	1	ACEE COMPRESSION/EXPANSION EXIT IRRACX01 IS ACTIVE
zFASTAUTH_POST	BIT	1	RACROUTE REQUEST=FASTAUTH POSTPROCESSING EXIT ICHRFX04 is active
zFASTAUTH_PRE	BIT	1	RACROUTE REQUEST=FASTAUTH PREPROCESSING EXIT ICHRFX03 is active
zNOADDCREATOR	BIT	1	SETOPTS NOADDCREATOR IS ACTIVE
zIRREX01	BIT	1	IRREX01 EXIT IS ACTIVE Note: The IRREX01 exit point is defined to dynamic exit services. Bit 5 of SMF81OP5 indicates that an exit routine was active for this exit point at the time of the last IPL when the SMF record was written. The status can change either way multiple times throughout the life of the IPL. See the SET PROG operator command in z/OS MVS System Commands and the CSVDYNEX macro in z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN for more information.
zIRRACX02	BIT	1	ACEE COMPRESSION/EXPANSION EXIT IRRACX02 IS ACTIVE
zICHDEX11	BIT	1	PASSWORD EXIT ROUTINE, ICHDEX11 IS ACTIVE

SMF081_RACF_Initialization.<fieldname>			
zRPD	INT	2	(IBM name: SMF81RPD) System retention period in effect.
zSLV	INT	1	(IBM name: SMF81SLV) Security level for ERASE-ON-SCRATCH in effect.
zSLC	INT	1	(IBM name: SMF81SLC) Security level for auditing in effect
zVRM	CHAR	4	(IBM name: SMF81VRM) FMID for RACF
zBOP	INT	1	

			(IBM name: SMF81BOP) SETROPTS options. Bit Meaning when set 0SECLABELCONTROL IS IN EFFECT1CATDSNS IS IN EFFECT2MLQUIET IS IN EFFECT3MLSTABLE IS IN EFFECT4MLS IS IN EFFECT5MLACTIVE IS IN EFFECT6GENERICOWNER IS IN EFFECT7SECLABELAUDIT IS IN EFFECT.
zSIN	INT	2	(IBM name: SMF81SIN) Partner LU-verification session key interval.
zJSY	CHAR	8	(IBM name: SMF81JSY) JES NJE NAME user ID.
zJUN	CHAR	8	(IBM name: SMF81JUN) JES UNDEFINEDUSER user ID.
zBOX	INT	1	(IBM name: SMF81BOX) SETROPTS option extensions. Bit Meaning when set 0COMPATMODE IS IN EFFECT1CATDSNS FAILURES ARE IN EFFECT2MLS FAILURES ARE IN EFFECT3MLACTIVE FAILURES ARE IN EFFECT4APPLAUDIT IN EFFECT5ZERO (0) EQUALS DEFAULT RVAR SWITCH PASSWORD IN EFFECT. ONE(1) equals installation-defined RVAR SWITCH password in effect. 6ZERO (0) EQUALS DEFAULT RVAR STATUS PASSWORD IN EFFECT. ONE(1) equals installation-defined RVAR STATUS password in effect. 7ENHANCEDGENERICOWNER IN EFFECT
zPRI	CHAR	3	(IBM name: SMF81PRI) Default primary language for an installation.
zSEC	CHAR	3	(IBM name: SMF81SEC) Default secondary language for an installation.
zKBL	INT	1	(IBM name: SMF81KBL) Level of KERB segment processing in effect.
zPMN	INT	1	(IBM name: SMF81PMN) Minimum days between password changes

SMF081_RACF_Initialization.zOP6.<fieldname>			
zMixPass	BIT	1	MIXED CASE PASSWORDS
zPassPhrase	BIT	1	NEW PASSWORD PHRASE INSTALLATION EXIT IS ACTIVE
zFieldVal	BIT	1	FIELD VALIDATION EXIT POINT (IRRVAFO1) FOR CUSTOM FIELDS IS ACTIVE Note: The IRRVAFO1 exit point is defined to dynamic exit services. Bit 2 of SMF81OP6 indicates that an exit routine was active for this exit point at the time of the last IPL when the SMF record was written. The status can change either way multiple times throughout the life of the IPL. See z/OS Security Server RACF System Programmer's Guide for more information.
zSpecChar	BIT	1	SPECIAL CHARACTERS ALLOWED IN PASSWORDS

SMF081_RACF_Initialization.zML2.<fieldname>			
zMLFSOBJ	BIT	1	MLFSOBJ IS ACTIVE
zMLPCOBJ	BIT	1	MLPCOBJ IS ACTIVE
zMLNAMES	BIT	1	MLNAMES IS ACTIVE
zSECLBYSYSTEM	BIT	1	SECLBYSYSTEM IS ACTIVE

SMF081_RACF_Initialization.<fieldname>			
zALG	INT	1	(IBM name: SMF81ALG) Password encryption algorithm in effect. Value Meaning 0INDICATES LEGACY1INDICATES KDFAES
zVXC	CHAR	8	(IBM name: SMF81VXC) VMXEVENT control profile is in effect
zVXA	CHAR	8	(IBM name: SMF81VXA) VMXEVENT audit profile is in effect

Secondary segment: SMF081_Reloc

Field Name	Type	Len	Description
<i>SMF081_Reloc.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF81DTP) Data type.
zDLN	INT	1	(IBM name: SMF81DLN) Length of data that follows.
zDTA	CHAR	255	(IBM name: SMF81DTA) Data.

Record Type 82 - Cryptography Services

SMF Record 82 (Cryptography Services) is mapped by structure member "T082".

Primary Segment:

- [SMF082_Cryptography](#)

Secondary Segment(s): 42 (in alphabetical order)

- [SMF082_Crypto_Unit](#)
- [SMF082_CUSP#PCF_Hdr](#)
- [SMF082_GENKEY](#)
- [SMF082_Initialization](#)
- [SMF082_Installation](#)
- [SMF082_ICSF_Audit](#)
- [SMF082_ICSF_Hdr](#)
- [SMF082_ICSF_Hdr40](#)
- [SMF082_ICSF_TLV](#)
- [SMF082_ICSF_01_Init](#)
- [SMF082_ICSF_07_Oper_Key](#)
- [SMF082_ICSF_08_Key_Refresh](#)
- [SMF082_ICSF_09_CKDS_Upd](#)
- [SMF082_ICSF_13_PKDS_Upd](#)
- [SMF082_ICSF_14_Master_Key](#)
- [SMF082_ICSF_15_Key_Create_Del](#)
- [SMF082_ICSF_16_TKE](#)
- [SMF082_ICSF_16_TKE_Aud](#)
- [SMF082_ICSF_18_Config](#)
- [SMF082_ICSF_19_PCI_X_Timing](#)
- [SMF082_ICSF_20_Process_Times](#)
- [SMF082_ICSF_21_Sysplex_Grp_Chg](#)
- [SMF082_ICSF_22_Trusted_Block](#)
- [SMF082_ICSF_23-Token_Upd](#)
- [SMF082_ICSF_24_Duplicate_Tok](#)
- [SMF082_ICSF_25_Key_Store](#)
- [SMF082_ICSF_26_Public_Key](#)
- [SMF082_ICSF_27_PKA_Key](#)
- [SMF082_ICSF_28_HPSK](#)
- [SMF082_ICSF_29_TKEAR](#)
- [SMF082_ICSF_30_Archived_KDS](#)
- [SMF082_ICSF_31_Usage](#)
- [SMF082_ICSF_31_X0201](#)
- [SMF082_ICSF_31_X0202](#)
- [SMF082_ICSF_31_X0203](#)
- [SMF082_ICSF_31_X0204](#)
- [SMF082_ICSF_31_X0205](#)
- [SMF082_ICSF_31_X0206](#)
- [SMF082_ICSF_31_X0207](#)
- [SMF082_ICSF_43_Reg_Server_Config](#)
- [SMF082_KeyGenerator](#)
- [SMF082_RETKEY](#)

Primary segment: [SMF082_Cryptography](#)

Field Name	Type	Len	Description
<i>SMF082_Cryptography.<fieldname></i>			
<i>SMF082_Cryptography.Basic_SMF_Header.<fieldname></i>			
<i>SMF082_Cryptography.Basic_SMF_Header.zFLG.<fieldname></i>			
zSubTypes	BIT	1	SMF82FLG bit 1 - Indicating this record has Subtypes
<i>SMF082_Cryptography.Basic_SMF_Header.<fieldname></i>			
zRTY	INT	1	(IBM name: SMF82RTY) Record type 82 (X'52').
zTME	TSTMP	8	(IBM name: SMF82TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF82SID) System identification (from the SID parameter).

zSSI	CHAR	4	(IBM name: SMF82SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF82STY) Record subtype

Secondary segment: SMF082_ICSF_Hdr

Field Name	Type	Len	Description
<i>SMF082_ICSF_Hdr.<fieldname></i>			
zSSI	CHAR	4	(IBM name: SMF82SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF82STY) Record subtype

Secondary segment: SMF082_ICSF_01_Init

Field Name	Type	Len	Description
<i>SMF082_ICSF_01_Init.<fieldname></i>			
<i>SMF082_ICSF_01_Init.zVES.<fieldname></i>			
zSpecial	BIT	1	Special security mode allowed
zRNG	BIT	1	RNG cache enabled
zRACF	BIT	1	RACF checking for authorized callers
zInternal	BIT	1	Default wrapping for internal tokens is the enhanced method
zExternal	BIT	1	Default wrapping for external tokens is the enhanced method
zKeyArch	BIT	1	Key archive reference message

<i>SMF082_ICSF_01_Init.zVTS.<fieldname></i>			
zCompat	BIT	1	Compatible with CUSP and PCF

<i>SMF082_ICSF_01_Init.<fieldname></i>			
zIDO	INT	1	(IBM name: SMF82IDO) Current crypto domain index.
zCSFPRM	INT	1	(IBM name: SMF_INIT_CSFPRM) The DDNAME of the member that contains the installation options data set. ICSF internally allocates CSFPARM2 DD based on CSFPARM DD with the member name removed.
zCKD	CHAR	44	(IBM name: SMF82CKD) Name of the cryptographic key data set (CKDS) that was read into storage.
zIML	INT	4	(IBM name: SMF82IML) Maximum length for data.
zUSR	CHAR	8	(IBM name: SMF82USR) USERPARM specifies installation use in the installation options data set.
zPKD	CHAR	44	(IBM name: SMF82PKD) PKDS name. 372 z/OS: z/OS ICSF System Programmer's Guide Record Type 82
zTKS	CHAR	44	(IBM name: SMF82TKS) TKDS name.

Secondary segment: **SMF082_ICSF_07_Oper_Key**

Field Name	Type	Len	Description
<i>SMF082_ICSF_07_Oper_Key.<fieldname></i>			
SMF082_ICSF_07_Oper_Key.zKPB.<fieldname>			
zKeyPart	BIT	1	Key part verification pattern valid.
zPCIXCC	BIT	1	Coprocessor is a PCIXCC.(This has been deprecated. See zKAP.)
zCEX2C	BIT	1	Coprocessor is a CEX2C. (This has been deprecated. See zKAP.)
zCEX3C	BIT	1	Coprocessor is a CEX3C. (This has been deprecated. See zKAP.)
zCEX4C	BIT	1	Coprocessor is a CEX4C or higher. (This has been deprecated - see zKAP.)
zMASTERKCVLEN	BIT	1	The number of valid nibbles in field SFM82KV is controlled by the MASTERKCVLEN parameter in the options data set. Field zKVL lists the number of valid nibbles recorded.

SMF082_ICSF_07_Oper_Key.<fieldname>			
zKVL	INT	1	(IBM name: SMF82KVL) The number of valid nibbles in field SMF82KV.
zKV	HEX	8	(IBM name: SMF82KV) Key check value of the key. The key check value is left-justified and padded with zeros.
zKKS	INT	1	(IBM name: SMF82KKS) Coprocessor number.
zKDX	INT	1	(IBM name: SMF82KDX) Current crypto domain index.
zKAP	INT (ENUM)	1	(IBM name: SMF82KAP) Coprocessor type
zKCK	CHAR	44	(IBM name: SMF82KCK) Name of the CKDS containing the key part.
zKCL	CHAR	72	(IBM name: SMF82KCL) CKDS entry being modified.

Secondary segment: **SMF082_ICSF_08_Key_Refresh**

Field Name	Type	Len	Description
<i>SMF082_ICSF_08_Key_Refresh.<fieldname></i>			
zROC	CHAR	44	(IBM name: SMF82ROC) Name of the CKDS being replaced.
zRNC	CHAR	44	(IBM name: SMF82RNC) Name of the CKDS to replace the current CKDS.

Secondary segment: **SMF082_ICSF_09_CKDS_Upd**

Field Name	Type	Len	Description
<i>SMF082_ICSF_09_CKDS_Upd.<fieldname></i>			
SMF082_ICSF_09_CKDS_Upd.zUCB.<fieldname>			
zAdded	BIT	1	CKDS record added.

zChanged	BIT	1	CKDS record changed.
zDeleted	BIT	1	CKDS record deleted.
zArchived	BIT	1	CKDS record archived.
zRecalled	BIT	1	CKDS record recalled.
zMetaChg	BIT	1	CKDS record metadata changed.
zKeysChg	BIT	1	CKDS record was changed by the CKDS KEYS utility.

SMF082_ICSF_09_CKDS_Upd.<fieldname>

zUCN	CHAR	44	(IBM name: SMF82UCN) CKDS name.
zUCL	CHAR	72	(IBM name: SMF82UCL) CKDS entry being modified.

Secondary segment: SMF082_ICSF_13_PKDS_Upd

Field Name	Type	Len	Description
SMF082_ICSF_13_PKDS_Upd.<fieldname>			
SMF082_ICSF_13_PKDS_Upd.SMF_PKDS_BITS.<fieldname>			
zAdded	BIT	1	PKDS record added.
zChanged	BIT	1	PKDS record changed.
zDeleted	BIT	1	PKDS record deleted.
zArchived	BIT	1	PKDS record archived.
zRecalled	BIT	1	PKDS record recalled.
zMetaChg	BIT	1	PKDS record metadata changed.
zKeysChg	BIT	1	PKDS record was changed by the PKDS KEYS utility.

SMF082_ICSF_13_PKDS_Upd.<fieldname>

SMF_PKDS_NAME	CHAR	44	(IBM name: SMF_PKDS_NAME) PKDS name.
SMF_PKDS_KEY_LABEL	CHAR	72	(IBM name: SMF_PKDS_KEY_LABEL) PKDS entry being modified.

Secondary segment: SMF082_ICSF_14_Master_Key

Field Name	Type	Len	Description
SMF082_ICSF_14_Master_Key.<fieldname>			
SMF082_ICSF_14_Master_Key.zAAB.<fieldname>			
zDES_NMK	BIT	1	DES NMK verification pattern is valid.
zRSA_NMK	BIT	1	RSA NMK verification pattern is valid.
zDES_Key	BIT	1	DES Key key part verification pattern is valid.
zRSA_Key	BIT	1	RSA Key key part verification pattern is valid.
zAES_NMK	BIT	1	AES NMK verification pattern is valid.
zAES_key	BIT	1	AES key part verification pattern is valid.
zECC_NMK	BIT	1	ECC NMK verification pattern is valid.

zECC_key	BIT	1	ECC key part verification pattern is valid.
zAlwaysOn	BIT	1	Always on.
zPCIXCC	BIT	1	Coprocessor is a PCIXCC. (THIS HAS BEEN DEPRECATED. SEE SMF82AAP.)
zCEX2C	BIT	1	Coprocessor is a CEX2C. (THIS HAS BEEN DEPRECATED. SEE SMF82AAP.)
zCEX3C	BIT	1	Coprocessor is a CEX3C. (THIS HAS BEEN DEPRECATED. SEE SMF82AAP.)
zCEX4C	BIT	1	Coprocessor is a CEX4C or higher. (THIS HAS BEEN DEPRECATED. see SMF82AAP.)
zDES_NMK_24	BIT	1	DES NMK entered was 24-bytes long.

SMF082_ICSF_14_Master_Key.<fieldname>

zANV	HEX	16	(IBM name: SMF82ANV) New master key register verification pattern.
zAKV	HEX	16	(IBM name: SMF82AKV) Key part verification pattern.
zAPN	INT	1	(IBM name: SMF82APN) Cryptographic Processor number.
zASN	CHAR	8	(IBM name: SMF82ASN) Cryptographic Processor serial number.
zADM	INT	1	(IBM name: SMF82ADM) Cryptographic Coprocessor domain. 376 z/OS: z/OS ICSF System Programmer's Guide Record Type 82
zAAP	INT (ENUM)	1	(IBM name: SMF82AAP) Coprocessor type

Secondary segment: SMF082_ICSF_15_Key_Create_Del

Field Name	Type	Len	Description
SMF082_ICSF_15_Key_Create_Del.<fieldname>			
SMF082_ICSF_15_Key_Create_Del.zRKF.<fieldname>			
zRKCreated	BIT	1	Retained key created.
zRKDelOnCoproc	BIT	1	Retained key deleted on coprocessor.
zRKDelFromPKDS	BIT	1	Retained key deleted from PKDS.
zAlwaysOn	BIT	1	Always on.
zPCIXCC	BIT	1	Coprocessor is a PCIXCC. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX2C	BIT	1	Coprocessor is a CEX2C. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX3C	BIT	1	Coprocessor is a CEX3C. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX4C	BIT	1	Coprocessor is a CEX4C or higher. (THIS HAS BEEN DEPRECATED. see zRAP.)

SMF082_ICSF_15_Key_Create_Del.<fieldname>

zRKN	CHAR	64	(IBM name: SMF82RKN) Label of Retained private key.
zRKP	INT	1	(IBM name: SMF82RKP) Cryptographic Coprocessor number.
zRKS	CHAR	8	(IBM name: SMF82RKS) Cryptographic Coprocessor serial number.
zRDM	INT	1	

			(IBM name: SMF82RDM) Cryptographic Coprocessor domain. Appendix B. ICSF SMF records 377 Record Type 82
zRAP	INT (ENUM)	1	(IBM name: SMF82RAP) Coprocessor type

Secondary segment: **SMF082_ICSF_16_TKE**

Field Name	Type	Len	Description
<i>SMF082_ICSF_16_TKE.<fieldname></i>			
SMF082_ICSF_16_TKE.zPFL.<fieldname>			
zREQUEST	BIT	1	Request command.
zREPLY	BIT	1	Reply response.
zAlwaysOn	BIT	1	Always on.
zPCIXCC	BIT	1	Coprocessor is a PCIXCC. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX2C	BIT	1	Coprocessor is a CEX2C. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX3C	BIT	1	Coprocessor is a CEX3C. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX4C	BIT	1	Coprocessor is a CEX4C or higher. (THIS HAS BEEN DEPRECATED. see zRAP.)
zCCA	BIT	1	Coprocessor is configured for CCA.
zPKCS11	BIT	1	Coprocessor is configured for PKCS #11.

SMF082_ICSF_16_TKE.<fieldname>			
zPPN	INT	1	(IBM name: SMF82PPN) Cryptographic Coprocessor number.
zPSN	CHAR	8	(IBM name: SMF82PSN) Cryptographic Coprocessor serial number.
zPDM	INT	1	(IBM name: SMF82PDM) Cryptographic Coprocessor domain. 378 z/OS: z/OS ICSF System Programmer's Guide Record Type 82
zPAP	INT (ENUM)	1	(IBM name: SMF82PAP) Coprocessor type
zPBL	INT	4	(IBM name: SMF82PBL) Parameter block length, 'xxx'.
zPDL	INT	4	(IBM name: SMF82PDL) Parameter data block length, 'yyy'.
zPBK	XVCHAR	0 1024	(IBM name: SMF82PBK) Parameter block of length 'xxx' followed by parameter block of length 'yyy'.

Secondary segment: **SMF082_ICSF_16_TKE_Aud**

Field Name	Type	Len	Description
<i>SMF082_ICSF_16_TKE_Aud.<fieldname></i>			
zPAL	INT	4	(IBM name: SMF82PAL) Length of fixed audit data
zPAD	INT	4	(IBM name: SMF82PAD) PKCS #11 Admin request ID. All zeros if not applicable
zPFI	INT	2	(IBM name: SMF82PFI) Function ID

zPFR	INT	4	(IBM name: SMF82PFR) Function Return code 0 SUCCESS 4 NOT AUTHORIZED 8 ERROR
zPDE	CHAR	256	(IBM name: SMF82PDE) Function description
zPUS	HEX	20	(IBM name: SMF82PUS) Transaction Sequence Number (TSN) for commands or, for CCA coprocessor requests only, User ID Nonce (random number) for queries. All blanks if not applicable
zPTA	CHAR	8	(IBM name: SMF82PTA) TKE Authority for CCA coprocessor requests. Blanks for PKCS #11 coprocessor requests

Secondary segment: SMF082_ICSF_18_Config

Field Name	Type	Len	Description
<i>SMF082_ICSF_18_Config.<fieldname></i>			
SMF082_ICSF_18_Config.zCGB.<fieldname>			
zOnline	BIT	1	A Cryptographic processor has been brought online.
zOffline	BIT	1	A Cryptographic processor has been taken offline.
zCompliance	BIT	1	A Cryptographic processor has changed compliance mode.
zAlwaysOn	BIT	1	Always on.
zPCIXCC	BIT	1	Coprocessor is a PCIXCC. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX2C	BIT	1	Coprocessor is a CEX2C. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX2A	BIT	1	Coprocessor is a CEX2A. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX3C	BIT	1	Coprocessor is a CEX3C. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX3A	BIT	1	Coprocessor is a CEX3A. (THIS HAS BEEN DEPRECATED. SEE zRAP.)
zCEX4	BIT	1	Coprocessor is a CEX4 or higher. (THIS HAS BEEN DEPRECATED. see zRAP.)
zAccel	BIT	1	Configured as an accelerator
zCCA	BIT	1	Configured as a CCA coprocessor
zPKCS11	BIT	1	Configured as a PKCS #11 coprocessor

SMF082_ICSF_18_Config.<fieldname>			
zCGX	INT	1	(IBM name: SMF82CGX) Cryptographic Coprocessor number.
zCGS	CHAR	8	(IBM name: SMF82CGS) Cryptographic Coprocessor serial number. 380 z/OS: z/OS ICSF System Programmer's Guide Record Type 82
zCAP	INT	1	(IBM name: SMF82PAP) Coprocessor type

SMF082_ICSF_18_Config.zFLGS.<fieldname>			
zCompliance	BIT	1	Compliance mode is active
zCompMig	BIT	1	Compliance migration mode is active
zPCIHSM	BIT	7	PCI-HSM 2016 compliance mode is active

Secondary segment: SMF082_ICSF_19_PCI_X_Timing

Field Name	Type	Len	Description
<i>SMF082_ICSF_19_PCI_X_Timing.<fieldname></i>			
zXTN	TSTMP	8	(IBM name: SMF82XTN) Time just before the PCI X Cryptographic Coprocessor operation begins.
zXTD	TSTMP	8	(IBM name: SMF82XTD) Time just after PCI X Cryptographic Coprocessor operation ends. Appendix B. ICSF SMF records 381 Record Type 82
zXTW	TSTMP	8	(IBM name: SMF82XTW) Time just after results have been communicated to caller address space.
zXTQ	INT	4	(IBM name: SMF82XTQ) Number of processes waiting to submit work to the same PCI X Cryptographic Coprocessor and domain, using the same reference number.
zXTF	CHAR	2	(IBM name: SMF82XTF) Function code of service.
zXTX	INT	1	(IBM name: SMF82XTX) PCI X Cryptographic Coprocessor number.
zXTS	CHAR	8	(IBM name: SMF82XTS) PCI X Cryptographic Coprocessor serial number.
zXTM	INT	1	(IBM name: SMF82XTM) PCI X Cryptographic Coprocessor domain.
zXTR	INT	1	(IBM name: SMF82XTR) PCI X Cryptographic Coprocessor reference number.

Secondary segment: SMF082_ICSF_20_Process_Times

Field Name	Type	Len	Description
<i>SMF082_ICSF_20_Process_Times.<fieldname></i>			
<i>SMF082_ICSF_20_Process_Times.zTFL.<fieldname></i>			
zPClxxx	BIT	1	Processor is a PCIXCC or PCICA. (THIS HAS BEEN DEPRECATED. see SMF82TPT.) Note: The record is for a PCIXCC when bits
zCEX2C	BIT	1	Coprocessor is a CEX2C. (THIS HAS BEEN DEPRECATED. SEE SMF82TPT.)
zCEX2A	BIT	1	Coprocessor is a CEX2A. (THIS HAS BEEN DEPRECATED. SEE SMF82TPT.)
zCEX3C	BIT	1	Coprocessor is a CEX3C. (THIS HAS BEEN DEPRECATED. SEE SMF82TPT.)
zCEX3A	BIT	1	Coprocessor is a CEX3A. (THIS HAS BEEN DEPRECATED. SEE SMF82TPT.)
zCEX4	BIT	1	Coprocessor is a CEX4 or higher. (THIS HAS BEEN DEPRECATED. see SMF82TPT.)
zREGIONAL	BIT	1	Regional cryptographic server.
zAccel	BIT	1	Configured as an accelerator
zCCA	BIT	1	Configured as a CCA coprocessor
zPKCS11	BIT	1	Configured as a PKCS #11 coprocessor
<i>SMF082_ICSF_20_Process_Times.<fieldname></i>			
zTNQ	TSTMP	8	(IBM name: SMF82TNQ) Coprocessor time before NQAP. 382 z/OS: z/OS ICSF System Programmer's Guide Record Type 82
zTDQ	TSTMP	8	

			(IBM name: SMF82TDQ) Coprocessor time after DQAP.
zTWT	TSTMP	8	(IBM name: SMF82TWT) Coprocessor time after WAIT.
zTQU	INT	4	(IBM name: SMF82TQU) Coprocessor queue length.
zTSF	CHAR	2	(IBM name: SMF82TSF) Coprocessor sub function code.
zTIX	INT	1	(IBM name: SMF82TIX) Coprocessor index.
zTSN	CHAR	8	(IBM name: SMF82TSN) Coprocessor serial number.
zTDM	INT	1	(IBM name: SMF82TDM) Domain.
zTRN	INT	1	(IBM name: SMF82TRN) Reference number
zTPT	INT (ENUM)	1	(IBM name: SMF82TPT) Coprocessor type
zNQAPE	HEX	16	(IBM name: SMF_AP_TME_NQAPE) AP extended time before NQAP.
zDQAPE	HEX	16	(IBM name: SMF_AP_TME_DQAPE) AP extended time after DQAP.
zWAITE	HEX	16	(IBM name: SMF_AP_TME_WAITE) AP extended time after WAIT.

Secondary segment: **SMF082_ICSF_21_Sysplex_Grp_Chg**

Field Name	Type	Len	Description
<i>SMF082_ICSF_21_Sysplex_Grp_Chg.<fieldname></i>			
zSXG	CHAR	8	(IBM name: SMF82SXG) Name of ICSF Sysplex group.
zSXM	CHAR	8	(IBM name: SMF82SXM) Name of sysplex member. Appendix B. ICSF SMF records 383 Record Type 82
<i>SMF082_ICSF_21_Sysplex_Grp_Chg.zSXA.<fieldname></i>			
zJoined	BIT	1	Member joined the icsf sysplex group.
zLeft	BIT	1	Member left the icsf sysplex group.
<i>SMF082_ICSF_21_Sysplex_Grp_Chg.zSXR.<fieldname></i>			
zNormal	BIT	1	Member joined or left the icsf sysplex due to normal initialization/termination processing
zError	BIT	1	Member left the icsf sysplex due to error
<i>SMF082_ICSF_21_Sysplex_Grp_Chg.<fieldname></i>			
zSXT	TSTMP	8	(IBM name: SMF82SXT) Time of ICSF sysplex join/leave index.
zSXC	CHAR	44	(IBM name: SMF82SXC) Name of active CKDS.
zTIMEE	HEX	16	(IBM name: SMF_SYSPLEX_TIMEE) Extended time of ICSF sysplex join/leave index.

Secondary segment: **SMF082_ICSF_22_Trusted_Block**

Field Name	Type	Len	Description
<i>SMF082_ICSF_22_Trusted_Block.<fieldname></i>			
<i>SMF082_ICSF_22_Trusted_Block.zTBF.<fieldname></i>			
zCreated	BIT	1	Created Inactive Trusted Block.
zActivate	BIT	1	Activate an Inactive Block.
zTrusted	BIT	1	Trusted Block has Public Key
<i>SMF082_ICSF_22_Trusted_Block.<fieldname></i>			
zTBS	INT	2	(IBM name: SMF82TBS) ASID of caller.
zTBN	CHAR	64	(IBM name: SMF82TBN) Label of Input Trusted Block.
zTBO	CHAR	64	(IBM name: SMF82TBO) Label of Output Trusted Block.
zTBX	CHAR	64	(IBM name: SMF82TBX) Label of Transport Key.

Secondary segment: **SMF082_ICSF_23_Token_Upd**

Field Name	Type	Len	Description
<i>SMF082_ICSF_23_Token_Upd.<fieldname></i>			
<i>SMF082_ICSF_23_Token_Upd.zTKF.<fieldname></i>			
zAdded	BIT	1	TKDS record added.
zChanged	BIT	1	TKDS record changed.
zDeleted	BIT	1	TKDS record deleted.
zArchived	BIT	1	TKDS record archived.
zRecalled	BIT	1	TKDS record recalled.
zMetaChg	BIT	1	TKDS record metadata changed.
zPKCS11	BIT	1	Coprocessor is configured for PKCS #11.
<i>SMF082_ICSF_23_Token_Upd.<fieldname></i>			
zTKN	CHAR	44	(IBM name: SMF82TKN) TKDS name.
zTKH	CHAR	44	(IBM name: SMF82TKH) TKDS handle being processed.

Secondary segment: **SMF082_ICSF_24_Duplicate_Tok**

Field Name	Type	Len	Description
<i>SMF082_ICSF_24_Duplicate_Tok.<fieldname></i>			
zDCNTSTRT	INT	4	(IBM name: SMF82DCNTSTRT) Start of duplicate labels.
zDCNTEND	INT	4	(IBM name: SMF82DCNTEND) End of duplicate labels.

zDCNT	INT	4	(IBM name: SMF82DCNT) Number of duplicate labels.
zDRSVD	INT	4	(IBM name: SMF82DRSVD) Reserved.
zDNAM	CHAR	44	(IBM name: SMF82DNAM) Name of key data set
z_Label	CHAR	72	(IBM name: SMF82_Label) Key labels.

Secondary segment: SMF082_ICSF_25_Key_Store

Field Name	Type	Len	Description
<i>SMF082_ICSF_25_Key_Store.<fieldname></i>			
zKDS	CHAR	44	(IBM name: SMF82KDS) Data set name.
<i>SMF082_ICSF_25_Key_Store.zKLF.<fieldname></i>			
zWarning	BIT	1	Warning.
zIncomplete	BIT	1	List is incomplete.
zCKDS	BIT	1	List is from CKDS.
zPKDS	BIT	1	List is from PKDS.
zAuthFail	BIT	1	Authorization failures.
zArchFail	BIT	1	Archived failures.
zPreactFail	BIT	1	Preactive failures.
zDeactFail	BIT	1	Deactivated failures.
<i>SMF082_ICSF_25_Key_Store.<fieldname></i>			
zKLC	INT	4	(IBM name: SMF82KLC) Number of key labels following. The following field is repeated count (SMF82KLC) number of times.
zDKL	CHAR	72	(IBM name: SMF82DKL) Unauthorized duplicate key label and key type.

Secondary segment: SMF082_ICSF_26_Public_Key

Field Name	Type	Len	Description
<i>SMF082_ICSF_26_Public_Key.<fieldname></i>			
<i>SMF082_ICSF_26_Public_Key.zPREF_FLAG.<fieldname></i>			
zRefreshed	BIT	1	Data space was refreshed.
<i>SMF082_ICSF_26_Public_Key.<fieldname></i>			
z_PREF_OLDDES	CHAR	44	(IBM name: SMF82_PREF_OLDDES) Old PKDS Name.
z_PREF_NEWDES	CHAR	44	(IBM name: SMF82_PREF_NEWDES) New PKDS Name.

Secondary segment: SMF082_ICSF_27_PKA_Key

Field Name	Type	Len	Description
<i>SMF082_ICSF_27_PKA_Key.<fieldname></i>			
<i>SMF082_ICSF_27_PKA_Key.zFLAGS.<fieldname></i>			
zNoPkaReq	BIT	1	PKA token may not be used for requested function.
zNoSymExp	BIT	1	SYM token may not be exported by the provided pka token.
zPkaIncompl	BIT	1	PKA label list is incomplete.
zSymIncompl	BIT	1	SYM label list is incomplete.
zX509	BIT	1	Input is an X.509 certificate.
zTrustChg	BIT	1	Trusted certificate repository has changed.
zWarnOnly	BIT	1	PKA key management extensions in WARNONLY mode.
zProcErr	BIT	1	An error was detected during processing.
zEmpty	BIT	1	Trusted cert repository was empty.
zExtrcErr	BIT	1	An error was detected while extracting APPLDATA.
zNotFound	BIT	1	The repository was not found.
zCertParErr	BIT	1	One or more certs could not be parsed

<i>SMF082_ICSF_27_PKA_Key.<fieldname></i>			
zFUNCTION	CHAR	8	(IBM name: SMF82PKE_FUNCTION) Name of the service that issued this SMF record. The name is in the form CSFzzz.
zAPPLDATALEN	INT	1	(IBM name: SMF82PKE_APPLDATALEN) Length of the enablement profile APPLDATA or current repository name.
zAPPLDATA	CHAR	247	(IBM name: SMF82PKE_APPLDATA) Enablement profile APPLDATA or current repository name.
zSAF_RC	INT	2	(IBM name: SMF82PKE_SAF_RC) SAF_RC or 'FFFF'X.
zSERV_RC	INT	2	(IBM name: SMF82PKE_SERV_RC) RACF RC or ICSF RC.
zPKA_REC_CNT	INT	4	(IBM name: SMF82PKE_PKA_REC_CNT) Number of PKA labels present in this record. When the input key to the service is an X.509 certificate, there are no PKA labels present.
zSERV_RS	INT	4	(IBM name: SMF82PKE_SERV_RS) RACF RS or ICSF RS. Appendix B. ICSF SMF records 387 Record Type 82
zSYM_REC_CNT	INT	4	(IBM name: SMF82PKE_SYM_REC_CNT) Number of SYM labels present in this record. The following is repeated SMF82PKE_PKA_REC_CNT number of times.
zPKA_LABELS	CHAR	64	(IBM name: SMF82PKE_PKA_LABELS) PKA key label
zSYM_LABELS	CHAR	72	(IBM name: SMF82PKE_SYM_LABELS) SYM key label

Secondary segment: SMF082_ICSF_28_HPSK

Field Name	Type	Len	Description
<i>SMF082_ICSF_28_HPSK.<fieldname></i>			
<i>SMF082_ICSF_28_HPSK.zHPSK_FLAGS.<fieldname></i>			
zRewrapNo	BIT	1	Rewrapping operation is not permitted for this symmetric key.

zRewrapYes	BIT	1	Rewrapping operation was permitted for this symmetric key.
zIncomplete	BIT	1	The list of labels is incomplete.
zKeyTok	BIT	1	The key identifier was supplied as a key token, not as a label in the CKDS

SMF082_ICSF_28_HPSK.<fieldname>

zHPSK_FUNCTION	CHAR	8	(IBM name: SMF82HPSK_FUNCTION) Name of the service that issues this SMF record. The name is in the form of CSFzzzz.
zHPSK_SYM_LABEL_CNT	INT	4	(IBM name: SMF82HPSK_SYM_LABEL_CNT) Number of SYM labels present in this record. The following is repeated SMF82HPSK_SYM_LABEL_CNT number of times.
zHPSK_SYM_LABELS	CHAR	72	(IBM name: SMF82HPSK_SYM_LABELS) SYM key label and type.

Secondary segment: SMF082_ICSF_29_TKEAR

Field Name	Type	Len	Description
SMF082_ICSF_29_TKEAR.<fieldname>			
zFLAGS	INT	4	(IBM name: SMF82TKEAR_FLAGS) Flags -- reserved
zNAMELEN	INT	2	(IBM name: SMF82TKEAR_NAMELEN) TKE workstation name length
zRCDLEN	INT	2	(IBM name: SMF82TKEAR_RCDLEN) TKE audit record data length
zNAME	XVCHAR	0 256	(IBM name: SMF82TKEAR_NAME) TKE workstation name
zRCD	XVCHAR	0 256	(IBM name: SMF82TKEAR_RCD) TKE audit record data

Secondary segment: SMF082_ICSF_30_Archived_KDS

Field Name	Type	Len	Description
SMF082_ICSF_30_Archived_KDS.<fieldname>			
SMF082_ICSF_30_Archived_KDS.SMF_ARCH_FLAGS.<fieldname>			
zCKDS	BIT	1	CKDS
zPKDS	BIT	1	PKDS
zTKDS	BIT	1	TKDS
zArchFail	BIT	1	Record that is archived was referenced by service. By policy, service call failed.
zArchSucc	BIT	1	Record that is archived was referenced by service. By policy, service call succeeded
zPreActFail	BIT	1	Record that is pre-active was referenced by service. Service call failed.
zInactFail	BIT	1	Record that is inactive was referenced by service. Service call failed.

SMF082_ICSF_30_Archived_KDS.<fieldname>

SMF_ARCH_DSNAME	CHAR	44	(IBM name: SMF_ARCH_DSNAME) Key data set name.
SMF_ARCH_KEY_LABEL	CHAR	72	

			(IBM name: SMF_ARCH_KEY_LABEL) Key data set entry.
--	--	--	---

Secondary segment: **SMF082_ICSF_31_Usage**

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_Usage.<fieldname></i>			
zDOMAIN	INT	1	(IBM name: SMF82STAT_DOMAIN) ICSF domain index.
zLEN	INT	2	(IBM name: SMF82STAT_LEN) Length of this header.
zTRIPL_OFF	INT	2	(IBM name: SMF82STAT_TRIPL_OFF) Offset from SMF82STAT into triplet section.
zTRIPL_LEN	INT	2	(IBM name: SMF82STAT_TRIPL_LEN) Length of triplet section. Appendix B. ICSF SMF records 389 Record Type 82
zD_INTVAL_START	HEX	16	(IBM name: SMF82STAT_D_INTVAL_START) Start time (TOD clock) of the SMF interval in STCKE format.
zD_INTVAL_END	HEX	16	(IBM name: SMF82STAT_D_INTVAL_END) End time (TOD clock) of the SMF interval in STCKE format.
zD_USERID_AS	CHAR	8	(IBM name: SMF82STAT_D_USERID_AS) The HOME address space user ID.
zD_USERID_TK	CHAR	8	(IBM name: SMF82STAT_D_USERID_TK) The task level user ID (if present).
zD_JOBID	CHAR	8	(IBM name: SMF82STAT_D_JOBID) The job ID for the HOME address space.
zD_JOBNAME	CHAR	8	(IBM name: SMF82STAT_D_JOBNAME) The job name for the HOME address space.
zD_JOBNAME2	CHAR	8	(IBM name: SMF82STAT_D_JOBNAME2) The job name of the SECONDARY address space (ICSF caller).
zD_PLEXNAME	CHAR	8	(IBM name: SMF82STAT_D_PLEXNAME) The sysplex member name

Secondary segment: **SMF082_ICSF_31_X0201**

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0201.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0201.zSTAT_ENG_CARD.<fieldname></i>			
zId	CHAR	4	Identifier
zSerial	CHAR	8	Serial number
zUseCount	INT	4	Card usage count

Secondary segment: SMF082_ICSF_31_X0202

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0202.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0202.zSTAT_ENG_RCS.<fieldname></i>			
zId	CHAR	4	Identifier
zSerial	CHAR	8	Serial number
zUseCount	INT	4	RCS usage count

Secondary segment: SMF082_ICSF_31_X0203

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0203.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0203.zSTAT_ENG_CPACF.<fieldname></i>			
zUseCount	INT	4	CPACF usage count

Secondary segment: SMF082_ICSF_31_X0204

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0204.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0204.zSTAT_ENG_SOFTW.<fieldname></i>			
zUseCount	INT	4	Crypto software usage count

Secondary segment: SMF082_ICSF_31_X0205

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0205.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0205.zSTAT_SRV.<fieldname></i>			
zName	CHAR	8	Service Name
zUseCount	INT	4	Service usage count

Secondary segment: SMF082_ICSF_31_X0206

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0206.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0206.zSTAT_SRVUDX.<fieldname></i>			
zName	CHAR	8	UDX Service Name
zUseCount	INT	4	UDX Service usage count

Secondary segment: SMF082_ICSF_31_X0207

Field Name	Type	Len	Description
<i>SMF082_ICSF_31_X0207.<fieldname></i>			
zAUD_TRIPL_TAGe	INT (ENUM)	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag (expanded) of the information in this TLV
zAUD_TRIPL_TAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV
zAUD_TRIPL_LENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
<i>SMF082_ICSF_31_X0207.zSTAT_ALG.<fieldname></i>			
zName	CHAR	8	Algorithm Name
zUseCount	INT	4	Algorithm usage count

Secondary segment: SMF082_ICSF_Hdr40

Field Name	Type	Len	Description
<i>SMF082_ICSF_Hdr40.<fieldname></i>			
zVER	INT	1	Version number of this record (X'01'). Incremented if a change is made to the record that is incompatible with the prior version
zLEN	INT	2	Length of this header
zMAIN_OFF	INT	2	Offset from SMF82IHDR to main section
zMAIN_LEN	INT	2	Length of main section
zAUD_OFF	INT	2	Offset from SMF82IHDR to audit section. If there is no audit section, this field is zero.
zAUD_LEN	INT	2	Length of audit section

Secondary segment: SMF082_ICSF_43_Reg_Server_Config

Field Name	Type	Len	Description
<i>SMF082_ICSF_43_Reg_Server_Config.<fieldname></i>			
<i>SMF082_ICSF_43_Reg_Server_Config.zFLAGS.<fieldname></i>			
zOnline	BIT	1	Regional cryptographic server brought online.
zOffline	BIT	1	Regional cryptographic server taken offline.
<i>SMF082_ICSF_43_Reg_Server_Config.<fieldname></i>			
zINDEX	INT	1	(IBM name: SMF_RCS_CONFIG_INDEX) Regional cryptographic server index.
zSN	CHAR	8	(IBM name: SMF_RCS_CONFIG_SN) Regional cryptographic server serial number.
zPort	CHAR	5	(IBM name: SMF_RCS_CONFIG_Port) Regional cryptographic server port number.
zHostLen	INT	2	(IBM name: SMF_RCS_CONFIG_HostLen) Length of the regional cryptographic server host name.
zHost	CHAR	256	(IBM name: SMF_RCS_CONFIG_Host) Regional cryptographic server host name.
zAPI	INT	4	(IBM name: SMF_RCS_CONFIG_API) Regional cryptographic server API level - VVRRxxxx.
zGeo	INT	2	(IBM name: SMF_RCS_CONFIG_Geo) Regional cryptographic server geography.
zGenMin	INT	1	(IBM name: SMF_RCS_CONFIG_GenMin) Regional cryptographic server minimum compatible generation.
zGenCur	INT	1	(IBM name: SMF_RCS_CONFIG_GenCur) Regional cryptographic server current generation.

Secondary segment: SMF082_ICSF_TLV

Field Name	Type	Len	Description
<i>SMF082_ICSF_TLV.<fieldname></i>			
zTAG	HEX	2	(IBM name: SMF82AUD_TRIPL_TAG) Tag of the information in this TLV

zLENGTH	INT	2	(IBM name: SMF82AUD_TRIPL_LENGTH) Length of this TLV including these first two fixed fields
zDATA	XVCHAR	0 1024	(IBM name: SMF82AUD_TRIPL_DATA) Data for this TLV

Secondary segment: SMF082_ICSF_Audit

Field Name	Type	Len	Description
<i>SMF082_ICSF_Audit.<fieldname></i>			
zAUD_SECTION_TYPE	CHAR	4	(IBM name: SMF82AUD_SECTION_TYPE) Type of the section that follows. Either: 'SERV' (for server user) 'USER' (for end user)
zAUD_SECTION_NUM_FLDS	INT	2	(IBM name: SMF82AUD_SECTION_NUM_FLDS) Number of triples in this section
zAUD_SECTION_TOTAL_LEN	INT	2	(IBM name: SMF82AUD_SECTION_TOTAL_LEN) Overall length of this section, including this header

Secondary segment: SMF082_CUSP#PCF_Hdr

Field Name	Type	Len	Description
<i>SMF082_CUSP#PCF_Hdr.<fieldname></i>			
zLNG	INT	4	(IBM name: SMF82LNG) Length of record header.
zTID	INT (ENUM)	2	(IBM name: SMF82TID) Security product identifier
zUSR	CHAR	8	(IBM name: CRY82USR) Job name (for RACF users, user ID).
zGRP	CHAR	8	(IBM name: CRY82GRP) Step-name (for RACF users, RACF group-name).

SMF082_CUSP#PCF_Hdr.zFLG2.<fieldname>

zUIDandGROUP	BIT	1	Fields zUSR and zGRP contain RACF user ID and group name. (When this bit is off, the fields contain the job name and step name).
--------------	-----	---	--

SMF082_CUSP#PCF_Hdr.<fieldname>

zVCT	INT	2	(IBM name: CRY82VCT) Number of variable relocate sections.
zFTN	INT (ENUM)	1	(IBM name: CRY82FTN) Function code
zRTC	INT	1	(IBM name: CRY82RTC) Return code issued by function or 'X'FF' if function terminated abnormally.

Secondary segment: SMF082_KeyGenerator

Field Name	Type	Len	Description
<i>SMF082_KeyGenerator.<fieldname></i>			
zDTP	INT	1	(IBM name: CRY82DTP) Data type indicator: 'X'01' for key generator utility.

zDLN	INT	1	(IBM name: CRY82DLN) Length of the data that follows.
zSMK	HEX	1	(IBM name: CRY82SMK) Host system master key flags Bit Meaning when set 0 H0ST system master key was successfully changed (this bit is set even if an error occurs in the key generator). 1-7 Reserved.
zLMK	HEX	1	(IBM name: CRY82LMK) Local key flags Bit Meaning when set 0 AT least one local key was updated 1 AT least one local key was added 2 AT least one local key was deleted from the CKDS 3-7 Reserved.
zCMK	HEX	1	(IBM name: CRY82CMK) Cross key flags Bit Meaning when set 0 AT least one pair of cross keys was updated 1 AT least one pair of cross keys was added 2 AT least one pair of cross keys was deleted from the CKDS 3-7 Reserved.
zRMK	HEX	1	(IBM name: CRY82RMK) Remote key flags Bit Meaning when set 0 AT least one remote key was updated 1 AT least one remote key was added 2 AT least one remote key was deleted from the CKDS 3-7 Reserved.

Secondary segment: **SMF082_GENKEY**

Field Name	Type	Len	Description
<i>SMF082_GENKEY.<fieldname></i>			
zDTP	INT	1	(IBM name: CRY82DTP) Data type indicator: X'02' for GENKEY function.
zDLN	INT	1	(IBM name: CRY82DLN) Length of the data that follows.
zGFG	HEX	1	(IBM name: CRY82GFG) GENKEY activity flags Bit Meaning when set 0 'LOCKEY' parameter was in error 1 'LOCKEY2' parameter was in error 2 'REMKEY' parameter was in error 3 'OPKEY' was generated by the key manager. When bit 3 IS off, 'OPKEY' was supplied to the key manager. 4 INSTALLATION data relocate section was omitted from this record because the data supplied by the installation exit exceeded the length of CRY82ID (64 bytes) 5-7 Reserved.
zLK1	CHAR	8	(IBM name: CRY82LK1) 'LOCKEY' key name.
zLK2	CHAR	8	(IBM name: CRY82LK2) 'LOCKEY2' key name.
zREM	CHAR	8	(IBM name: CRY82REM) 'REMKEY' key name.

Secondary segment: **SMF082_RETKEY**

Field Name	Type	Len	Description
<i>SMF082_RETKEY.<fieldname></i>			
zDTP	INT	1	(IBM name: CRY82DTP) Data type indicator: X'03' for RETKEY function.
zDLN	INT	1	(IBM name: CRY82DLN) Length of the data that follows.
zRFG	HEX	1	(IBM name: CRY82RFG) RETKEY activity flags Bit Meaning when set 0 INSTALLATION data relocate section was omitted from this record because the data supplied by the installation exit exceeded the length of CRY82ID (64 bytes) 1-7 Reserved.
zRKN	CHAR	8	

			(IBM name: CRY82RKN) 'REMKEY' key name.
--	--	--	--

Secondary segment: SMF082_Initialization

Field Name	Type	Len	Description
<i>SMF082_Initialization.<fieldname></i>			
zDTP	INT	1	(IBM name: CRY82DTP) Data type indicator, X'04' for initialization.
zDLN	INT	1	(IBM name: CRY82DLN) Length of the data that follows.
zSMF	HEX	1	(IBM name: CRY82SMF) SMF option flags Bit Meaning when set 0 SMF records not written for GENKEY function 1 SMF records not written for RETKEY function 2-7 Reserved.
zSIM	INT	2	(IBM name: CRY82SIM) Cryptography function user SVC number in the form X'cccc'.
zKMG	INT	2	(IBM name: CRY82KMG) Key manager user SVC number in the form X'cccc'.

Secondary segment: SMF082_Installation

Field Name	Type	Len	Description
<i>SMF082_Installation.<fieldname></i>			
zDTP	INT	1	(IBM name: CRY82DTP) Data type indicator: X'05' for installation data.
zDLN	INT	1	(IBM name: CRY82DLN) Length of the data that follows.
zID	VCHAR	2 1002	(IBM name: CRY82ID) Installation data written by an installation exit routine (the maximum length is 64 BYTES).

Secondary segment: SMF082_Crypto_Unit

Field Name	Type	Len	Description
<i>SMF082_Crypto_Unit.<fieldname></i>			
zDTP	INT	1	(IBM name: CRY82DTP) Data type indicator: X'06' for Cryptographic unit data.
zDLN	INT	1	(IBM name: CRY82DLN) Length of the data that follows.
zCID	CHAR	1	(IBM name: CRY82CID) Cryptographic unit address.
zCST	INT	1	(IBM name: CRY82CST) Cryptographic unit status Bit Meaning when set 0 UNIT is online and available 1 UNIT is unavailable 2 UNIT check-key verification has failed 3 UNIT check-key verification was successful 4-7 Reserved.

Record Type 83 - RACF Audit Record for Data Sets

SMF Record 83 (Security Events) is mapped by structure member "T083".

Primary Segment:

- SMF083_Security_Events

Secondary Segment(s): 5 (in alphabetical order)

- SMF083_Product
- SMF083_Reloc1
- SMF083_Reloc2
- SMF083_Security1
- SMF083_Security2

Primary segment: SMF083_Security_Events

Field Name	Type	Len	Description
<i>SMF083_Security_Events.<fieldname></i>			
SMF083_Security_Events.Header_Self_Defining_Section.<fieldname>			
zLEN	INT	2	(IBM name: SMF83LEN) Record length.
zSEG	INT	2	(IBM name: SMF83SEG) Segment descriptor.
zFLG	INT	1	(IBM name: SMF83FLG) System indicator Bit Meaning when set 0SUBSYSTEM IDENTIFICATION FOLLOWS SYSTEM IDENTIFICATION1SubTypeS USED2RESERVED FOR IBM'S USE3MVS/4MVS/5MVS/6VS27RESERVED FOR IBM'S USE.Note: For MVS/, bits 3, 4, 5, and 6 are on.
zRTY	INT	1	(IBM name: SMF83RTY) Record type: 83 (X'53'). 146 z/OS: Security Server RACF Macros and Interfaces
zTME	TSTMP	8	(IBM name: SMF83TME) Date/Time that the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF83SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF83SSI) Subsystem identification RACF.
zSTY	INT	2	(IBM name: SMF83TYP) Record SubType
zTRP	INT	2	(IBM name: SMF83TRP) Number of triplets.
zOPD	INT	4	(IBM name: SMF83OPD) Offset to product section.
zLPD	INT	2	(IBM name: SMF83LPD) Length of product section.
zNPD	INT	2	(IBM name: SMF83NPD) Number of product sections.
zOD1	INT	4	(IBM name: SMF83OD1) Offset to security section.
zLD1	INT	2	(IBM name: SMF83LD1) Length of security section.
zND1	INT	2	(IBM name: SMF83ND1) Number of security sections.
zOD2	INT	4	(IBM name: SMF83OD2) Offset to relocate section.
zLD2	INT	2	(IBM name: SMF83LD2) Length of relocate section.

zND2	INT	2	(IBM name: SMF83ND2) Number of relocate sections. Product section: See 'Product section' on page 147 for details. Security section: See 'Security section' on page 147 for details. Relocate sections: See 'Relocate sections' on page 154 for details. Product section The product section exists in all SMF type 83 records. It is completed for SubType 1 records. The product section in the record can be located by adding the SMF83OPD field to the beginning of the SMF record. The product section is mapped in the following table. Table 5: RACF SMF type 83 record product section. Offsets Dec. Hex. Name Length Format Description
------	-----	---	---

Secondary segment: SMF083_Product

Field Name	Type	Len	Description
<i>SMF083_Product.<fieldname></i>			
zRVN	CHAR	4	(IBM name: SMF83RVN) Product version, release, and modification level number.
zPNM	CHAR	4	(IBM name: SMF83PNM) Product name Security section The security section is common to all record type 83 SubTypes. It identifies the specific event and the result. The information in the security section and the relocate sections provide additional information about the event. SMF records 147

Secondary segment: SMF083_Security1

Field Name	Type	Len	Description
<i>SMF083_Security1.<fieldname></i>			
zLNK	INT	4	(IBM name: SMF83LNK) Same LINK value as that in the SMF type 80 record for the associated command. Connects the data set names in type 83 records with the RACF command that caused the security label change.

<i>SMF083_Security1.zDES.<fieldname></i>			
zViolation	BIT	1	THE EVENT IS A VIOLATION
zUserNotDef	BIT	1	USER IS NOT DEFINED TO RACF
zHasVer	BIT	1	RECORD CONTAINS A VERSION INDICATOR (SEE SMF83VER)
zWarn	BIT	1	THE EVENT IS A WARNING
zHasVRM	BIT	1	RECORD CONTAINS A VERSION, RELEASE, AND MODIFICATION LEVEL NUMBER(see SMF83VRM)

<i>SMF083_Security1.<fieldname></i>			
zEVT	INT	1	(IBM name: SMF83EVT) Event code.
zEVQ	INT	1	(IBM name: SMF83EVQ) Event code qualifier.
zUSR	CHAR	8	(IBM name: SMF83USR) Identifier of the user associated with this event (jobname is used if the user is not defined to RACF). 148 z/OS: Security Server RACF Macros and Interfaces
zGRP	CHAR	8	(IBM name: SMF83GRP) Group to which the user was connected (stepname is used if the user is not defined to RACF).
zREL	INT	2	(IBM name: SMF83REL) Offset to the first relocate section from beginning of record header.

zCNT	INT	2	(IBM name: SMF83CNT) Count of the number of relocate sections.
------	-----	---	---

SMF083_Security1.zATH.<fieldname>

zNORM	BIT	1	NORMAL AUTHORITY CHECK (RESOURCE ACCESS)
zSPEC	BIT	1	SPECIAL ATTRIBUTE (COMMAND PROCESSING)
zOPER	BIT	1	OPERATIONS ATTRIBUTE (RESOURCE ACCESS, COMMAND PROCESSING)
zAUD	BIT	1	AUDITOR ATTRIBUTE (COMMAND PROCESSING)
zINST	BIT	1	INSTALLATION EXIT PROCESSING (RESOURCE ACCESS)
zFAIL	BIT	1	FAILSOFT PROCESSING (RESOURCE ACCESS)
zBYP	BIT	1	BYPASSED-USER ID = *BYPASS* (RESOURCE ACCESS)
zTRUST	BIT	1	TRUSTED ATTRIBUTE (RESOURCE ACCESS).

SMF083_Security1.zREA.<fieldname>

zSETOPTS	BIT	1	SETOPTS AUDIT(CLASS) CHANGES TO THIS CLASS OF PROFILE ARE BEING audited.
zUSER	BIT	1	USER BEING AUDITED
zSPECUSER	BIT	1	SPECIAL USERS BEING AUDITED
zACCESS	BIT	1	ACCESS TO THE RESOURCE IS BEING AUDITED BECAUSE OF THE AUDIToption (specified when profile created or altered by a RACF command), a logging request from the RACHECK exit routine, or because the operator granted access during failsoft processing.
zRACINIT	BIT	1	RACINIT FAILURE
zALWAYS	BIT	1	THIS COMMAND IS ALWAYS AUDITED
zCMDVIOL	BIT	1	VIOLATION DETECTED IN COMMAND AND CMDVIOL IS IN EFFECT
zGLOBAL	BIT	1	ACCESS TO ENTITY BEING AUDITED BECAUSE OF GLOBALAUDIT OPTION.

SMF083_Security1.<fieldname>

zTLV	INT	1	(IBM name: SMF83TLV) Terminal level number of foreground user (zero if not available). SMF records 149
------	-----	---	---

SMF083_Security1.zERR.<fieldname>

zNoBackOut	BIT	1	COMMAND HAD ERROR AND RACF COULD NOT BACK OUT SOME CHANGES
zNoProfUpd	BIT	1	NO PROFILE UPDATES WERE MADE BECAUSE OF ERROR IN RACFprocessing

SMF083_Security1.<fieldname>

zTRM	CHAR	8	(IBM name: SMF83TRM) Terminal ID of foreground user (zero if not available).
zJBN	CHAR	8	(IBM name: SMF83JBN) Job name. For RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX records for batch jobs, this field can be zero.
zRST	TSTMP	8	(IBM name: SMF83RST) Date/Time that the reader recognized the JOB statement for this job for RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX records for batch jobs, this field can be zero.
zUID	CHAR	8	(IBM name: SMF83UID) User identification field from the SMF common exit parameter area. For RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX records for batch jobs, this field can be zero.
zVER	INT	1	

			(IBM name: SMF83VER) Version indicator 8 = Version 1, Release 8 or later. As of RACF 1.8.1, SMF83VRM is used instead.
SMF083_Security1.zRE2.<fieldname>			
zSecLev	BIT	1	SECURITY LEVEL CONTROL FOR AUDITING
zLOGOPT	BIT	1	AUDITING BY LOGOPTIONS
zSECLAB	BIT	1	AUDITED BECAUSE OF SETROPTS SECLABELAUDIT
zCOMPAT	BIT	1	CLASS BEING AUDITED BECAUSE OF SETROPTS COMPATMODE
SMF083_Security1.<fieldname>			
zVRM	INT (ENUM)	4	(IBM name: SMF83VRM) FMID for RACF
zSEC	CHAR	8	(IBM name: SMF83SEC) Security label of the user. SubType 2 and above Offset s Dec. Hex. Name Length Format Description Security section:

Secondary segment: **SMF083_Security2**

Field Name	Type	Len	Description
SMF083_Security2.<fieldname>			
zLNK	INT	4	(IBM name: SMF83LNK) Value used to link several SMF 83 records to a single event. SMF records 151
zDES	INT	2	(IBM name: SMF83DES) Descriptor flags
zEVT	INT	1	(IBM name: SMF83EVT) Event code.
zEVQ	INT	1	(IBM name: SMF83EVQ) Event code qualifier.
zUSR	CHAR	8	(IBM name: SMF83USR) Identifier of the user associated with this event (jobname is used if the user is not defined to RACF).
zGRP	CHAR	8	(IBM name: SMF83GRP) Group to which the user was connected (stepname is used if the user is not defined to RACF).
zREL	INT	2	(IBM name: SMF83REL) Reserved
zCNT	INT	2	(IBM name: SMF83CNT) Reserved
SMF083_Security2.zATH.<fieldname>			
zNORM	BIT	1	NORMAL AUTHORITY CHECK (RESOURCE ACCESS)
zSPEC	BIT	1	SPECIAL ATTRIBUTE (COMMAND PROCESSING)
zOPER	BIT	1	OPERATIONS ATTRIBUTE (RESOURCE ACCESS, COMMAND PROCESSING)
zAUD	BIT	1	AUDITOR ATTRIBUTE (COMMAND PROCESSING)
zINST	BIT	1	INSTALLATION EXIT PROCESSING (RESOURCE ACCESS)
zFAIL	BIT	1	FAILSOFT PROCESSING (RESOURCE ACCESS)
zBYP	BIT	1	BYPASSED-USER ID = *BYPASS* (RESOURCE ACCESS)
zTRUST	BIT	1	TRUSTED ATTRIBUTE (RESOURCE ACCESS).

SMF083_Security2.zREA.<fieldname>			
zSETOPTS	BIT	1	SETOPTS AUDIT(CLASS) CHANGES TO THIS CLASS OF PROFILE ARE BEING audited.
zUSER	BIT	1	USER BEING AUDITED
zSPECUSER	BIT	1	SPECIAL USERS BEING AUDITED
zACCESS	BIT	1	ACCESS TO THE RESOURCE IS BEING AUDITED BECAUSE OF THE AUDIToption (specified when profile created or altered by a RACF command), a logging request from the RACHECK exit routine, or because the operator granted access during failsoft processing.
zRACINIT	BIT	1	RACINIT FAILURE
zALWAYS	BIT	1	THIS COMMAND IS ALWAYS AUDITED
zCMDVIOL	BIT	1	VIOLATION DETECTED IN COMMAND AND CMDVIOL IS IN EFFECT
zGLOBAL	BIT	1	ACCESS TO ENTITY BEING AUDITED BECAUSE OF GLOBALAUDIT OPTION.

SMF083_Security2.<fieldname>			
zTLV	INT	1	(IBM name: SMF83TLV) Terminal level number of foreground user (zero if not available).

SMF083_Security2.zERR.<fieldname>			
zNoBackOut	BIT	1	COMMAND HAD ERROR AND RACF COULD NOT BACK OUT SOME CHANGES
zNoProfUpd	BIT	1	NO PROFILE UPDATES WERE MADE BECAUSE OF ERROR IN RACFprocessing

SMF083_Security2.<fieldname>			
zTRM	CHAR	8	(IBM name: SMF83TRM) Terminal ID of foreground user (zero if not available).
zJBN	CHAR	8	(IBM name: SMF83JBN) Job name. For RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX records for batch jobs, this field can be zero.
zRST	TSTMP	8	(IBM name: SMF83RST) Date/Time that the reader recognized the JOB statement for this job for RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX records for batch jobs, this field can be zero.
zUID	CHAR	8	(IBM name: SMF83UID) User identification field from the SMF common exit parameter area. For RACROUTE REQUEST=VERIFY and RACROUTE REQUEST=VERIFYX records for batch jobs, this field can be zero.
zVER	INT	1	(IBM name: SMF83VER) Version indicator 8 = Version 1, Release 8 or later. As of RACF 1.8.1, SMF83VRM is used instead. SMF records 153

SMF083_Security2.zRE2.<fieldname>			
zSecLev	BIT	1	SECURITY LEVEL CONTROL FOR AUDITING
zLOGOPT	BIT	1	AUDITING BY LOGOPTIONS
zSECLAB	BIT	1	AUDITED BECAUSE OF SETROPTS SECLABELAUDIT
zCOMPAT	BIT	1	CLASS BEING AUDITED BECAUSE OF SETROPTS COMPATMODE

SMF083_Security2.<fieldname>			
zVRM	INT (ENUM)	4	(IBM name: SMF83VRM) FMID for RACF
zSEC	CHAR	8	(IBM name: SMF83SEC) Security Label of the User.

SMF083_Security2.zAU2.<fieldname>			
zSuperUser	BIT	1	z/OS UNIX SUPERUSER
zSysfunc	BIT	1	z/OS UNIX SYSTEM FUNCTION

SMF083_Security2.<fieldname>			
zRSV	INT	4	(IBM name: SMF83RSV) Reserved
zUS2	CHAR	8	(IBM name: SMF83US2) Identifier of the address space user associated with this event.
zGR2	CHAR	8	(IBM name: SMF83GR2) Group to which the address space user was connected. Relocate sections Two types of relocate sections may be used by type 83 records-standard relocates or extended relocates. They are described below. The start of the relocate sections in the record can be located by adding the SMF83OD2 field to the beginning of the SMF record. The relocate sections for SubType 1 use the standard relocate section format. The data types for the relocate sections for SubType 1 are described in the 'Table of relocate section variable data' on page 55 The relocate sections for SubTypes 2 and above use the extended relocate section format. The data types (that is, relocate types) for the SubTypes are documented with the product or component that reported the security event. Data type values of 100 and above are reserved for product or component use. 154 z/OS: Security Server RACF Macros and Interfaces

Secondary segment: SMF083_Reloc1

Field Name	Type	Len	Description
<i>SMF083_Reloc1.<fieldname></i>			
zDTP	INT	1	(IBM name: SMF83DTP) Data type
zDLN	INT	1	(IBM name: SMF83DLN) Length of data that follows.
zDTA	XVCHAR	0 256	(IBM name: SMF83DTA) Data

Secondary segment: SMF083_Reloc2

Field Name	Type	Len	Description
<i>SMF083_Reloc2.<fieldname></i>			
zTP2	INT	2	(IBM name: SMF83TP2) Data type
zDL2	INT	2	(IBM name: SMF83DL2) Length of data that follows.
zDA2	XVCHAR	0 8192	(IBM name: SMF83DA2) Data

Record Type 84 - JES Monitoring Facility

SMF Record 84 (JES Monitoring Facility) has a number of subtypes, each mapped by a structure member name of the format "T084STnn".

Record Type 84 Subtype 21 - JES Resource Limit and Usage

Primary Segment:

- SMF084#21_JES_Res_Usage

Secondary Segment(s): 5 (in alphabetical order)

- SMF084#21_Data
- SMF084#21_General
- SMF084#21_MEMJ32
- SMF084#21_Product
- SMF084#21_RSUJ32

Primary segment: SMF084#21_JES_Res_Usage

Field Name	Type	Len	Description
<i>SMF084#21_JES_Res_Usage.<fieldname></i>			
<i>SMF084#21_JES_Res_Usage.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF84FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators*. 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zRTY	INT	1	(IBM name: SMF84RTY) Record type 84 (X'54').
zTME	TSTMP	8	(IBM name: SMF84TME) Date/Time that the record was written to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF84SID) System identification (from the SID parameter).
zSBS	INT	2	(IBM name: SMF84SBS) Subsystem identification - (X'0002' signifies JES2, X'0005' signifies JES3).
zSGN	INT	2	(IBM name: SMF84SGN) Segment number.
zFL1	HEX	1	(IBM name: SMF84FL1) Flag byte Value Meaning X'80' Indicates last SMF segment.
zVER	HEX	1	(IBM name: SMF84VER) Version number Value Meaning X'03' Indicates OS/390® JES3 2.4.0 level.
zSTY	INT	2	(IBM name: SMF84STY) Record SubType.
zTRN	INT	2	(IBM name: SMF84TRN) Number of triplets in this record. A triplet is a set of offset/length/number values that defines a section of the record.
zPRS	INT	4	(IBM name: SMF84PRS) Offset to JES product section.
zPRL	INT	2	(IBM name: SMF84PRL) Length of JES product section.
zPRN	INT	2	(IBM name: SMF84PRN) Number of JES product sections.
zGNS	INT	4	(IBM name: SMF84GNS) Offset to JES general section.
zGNL	INT	2	(IBM name: SMF84GNL) Length of JES general section.

zGNN	INT	2	(IBM name: SMF84GNN) Number of JES general sections.
zJ1O	INT	4	(IBM name: SMF84J1O) Offset to JES data section.
zJ1L	INT	2	(IBM name: SMF84J1L) Length of JES data section.
zJ1N	INT	2	(IBM name: SMF84J1N) Number of JES data sections.

Secondary segment: **SMF084#21_Product**

Field Name	Type	Len	Description
<i>SMF084#21_Product.<fieldname></i>			
zMFVER	INT	2	(IBM name: R84MFVER) Version number.
zPRDNM	CHAR	8	(IBM name: R84PRDNM) Product name ('SC1BA' for JES3 and 'SC1BH' for JES2).
zINTST	DEC	4 (7,0)	(IBM name: R84INTST) Time of day that the measurement interval started, in the form hhmmssF.
zSDATE	DATE	4	(IBM name: R84SDATE) Date when the measurement interval started, in the form 0ccyydddF. See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zINTEN	DEC	4 (7,0)	(IBM name: R84INTEN) Time that the measurement interval ended, in the form hhmmssF.
zEDATE	DATE	4	(IBM name: R84EDATE) Date when the measurement interval ended, in the form 0ccyydddF. See 'Standard and Extended SMF record headers' on page 174 FOR a detailed description.
zINTER	DEC	4 (7,0)	(IBM name: R84INTER) Duration of the measurement interval, in seconds.
zMFCYC	DEC	4 (7,0)	(IBM name: R84MFCYC) Sampling cycle length, in the form 00ssstF, (where F is the sign).
zSAMPL	INT	4	(IBM name: R84SAMPL) Number of samples.
zMFCMD	CHAR	80	(IBM name: R84MFCMD) *CALL, JMF command (first 80 CHARACTERS) JES3 only.
zMVSRL	CHAR	8	(IBM name: R84MVSRL) MVS software level (consists of an acronym and the version, release, and modification level numbers).
zJESRL	CHAR	8	(IBM name: R84JESRL) JES release level (consists of an acronym and the version, release, and modification level numbers).
zCPUM	CHAR	4	(IBM name: R84CPUM) CPU model number.
zRSTO	INT	4	(IBM name: R84RSTO) Central storage size in KB.
zCPUNM	CHAR	8	(IBM name: R84CPUNM) CPU serial number (JES3 only).
zCPUID	CHAR	4	(IBM name: R84CPUID) JES3 CPU ID (JES3 only).
zMPNAM	CHAR	8	(IBM name: R84MPNAM) Main processor name.

SMF084#21_Product.zJ3FLG.<fieldname>

zLocal	BIT	1	JES3 local (JES3 only)
zAPG	BIT	1	JES is in the APG priority level
zNonSwap	BIT	1	JES non-swappable

SMF084#21_Product.<fieldname>			
zJPRTY	INT	2	(IBM name: R84JPRTY) JES dispatching priority.
zJMFMN	INT	4	(IBM name: R84JMFMN) Minimum overhead time, in microseconds.
zJMFMX	INT	4	(IBM name: R84JMFMX) Maximum overhead time, in microseconds.
zJMFAV	INT	4	(IBM name: R84JMFAV) Average overhead time, in microseconds. The percentage of interval time is equal to (average overhead time * number of samples) / (Interval time, in microseconds * 100).
zMVSMN	INT	4	(IBM name: R84MVSMN) Minimum MVS overhead time, in microseconds.
zMVSMX	INT	4	(IBM name: R84MVSMX) Maximum MVS overhead time, in microseconds.
zMVSAV	INT	4	(IBM name: R84MVSAV) Average MVS overhead time, in microseconds. The percentage of interval time is equal to (average MVS overhead time * number of samples) / (Interval time in microseconds * 100).

Secondary segment: **SMF084#21_General**

Field Name	Type	Len	Description
SMF084#21_General.<fieldname>			
zCPUSC	INT	4	(IBM name: R84CPUSC) CPU busy sample count.
zNPA	INT	4	(IBM name: R84NPA) JES3 nucleus or JES2 main task posted-active count.
zAPA	INT	4	(IBM name: R84APA) JES3 (only) auxiliary task posted-active count.
zNPNA	INT	4	(IBM name: R84NPNA) JES3 nucleus or JES2 main task posted-not active count.
zAPNA	INT	4	(IBM name: R84APNA) JES3 (only) auxiliary task posted-not active count.
zNNP	INT	4	(IBM name: R84NNP) JES3 nucleus or JES2 main task not-posted count.
zANP	INT	4	(IBM name: R84ANP) JES3 (only) auxiliary task not-posted count.
zNNW	INT	4	(IBM name: R84NNW) JES3 nucleus or JES2 main task non-standard wait count.
zANW	INT	4	(IBM name: R84ANW) JES3 (only) auxiliary task non-standard wait count.
zNSLLR	INT	4	(IBM name: R84NSLLR) JES3 nucleus or JES2 main suspended local lock request count.
zASLLR	INT	4	(IBM name: R84ASLLR) JES3 (only) auxiliary task suspended local lock request count.
zNSO	INT	4	(IBM name: R84NSO) JES3 nucleus or JES2 main task suspended-other count.
zASO	INT	4	(IBM name: R84ASO) JES3 (only) auxiliary task suspended-other count.

Secondary segment: **SMF084#21_Data**

Field Name	Type	Len	Description
<i>SMF084#21_Data.<fieldname></i>			
zJ2RUL	INT	4	(IBM name: R84J2RUL) Length of the JES2 resource usage section.
zJ2RTR	INT	2	(IBM name: R84J2RTR) Number of triplets.
zJ2RMO	INT	4	(IBM name: R84J2RMO) Offset to first JES2 memory area usage subsection entry (R84MEMJ2) from SMF84JRU.
zJ2RML	INT	2	(IBM name: R84J2RML) Length of each memory data entry.
zJ2RMN	INT	2	(IBM name: R84J2RMN) Number of memory data entries.
zJ2RRO	INT	4	(IBM name: R84J2RRO) Offset to first JES2 resource usage subsection entry (R84RSUJ2) from SMF84JRU.
zJ2RRL	INT	2	(IBM name: R84J2RRL) Length of a R84RSUJ2 entry.
zJ2RRN	INT	2	(IBM name: R84J2RRN) Number of R84RSUJ2 entries. JES2 memory area usage subsection entry (R84MEMJ2):

Secondary segment: **SMF084#21_MEMJ32**

Field Name	Type	Len	Description
<i>SMF084#21_MEMJ32.<fieldname></i>			
zMEM_NAME	CHAR	12	(IBM name: R84MEM_NAME) Storage area name.
zMEM_REGION	INT	8	(IBM name: R84MEM_REGION) Region size in bytes.
zMEM_USE	INT	8	(IBM name: R84MEM_USE) Current area usage in bytes.
zMEM_LOW	INT	8	(IBM name: R84MEM_LOW) Low usage value in bytes.
zMEM_HIGH	INT	8	(IBM name: R84MEM_HIGH) High usage value in bytes.
zMEM_AVERAGE	INT	8	(IBM name: R84MEM_AVERAGE) Average in use in bytes. JES2 resource usage subsection entry (R84RSUJ2):

Secondary segment: **SMF084#21_RSUJ32**

Field Name	Type	Len	Description
<i>SMF084#21_RSUJ32.<fieldname></i>			
zRSU_NAME	CHAR	8	(IBM name: R84RSU_NAME) Resource name.

zRSU_LIMIT	INT	4	(IBM name: R84RSU_LIMIT) Current upper limit.
zRSU_INUSE	INT	4	(IBM name: R84RSU_INUSE) Current number in use.
zRSU_LOW	INT	4	(IBM name: R84RSU_LOW) Low usage value.
zRSU_HIGH	INT	4	(IBM name: R84RSU_HIGH) High usage value.
zRSU_WARN	INT	2	(IBM name: R84RSU_WARN) WARN= value for resource (zero if none).

SMF084#21_RSUJ32.zRSU_FLG1.<fieldname>

zF1Over	BIT	1	(IBM name: R84RSU_F1OVER) Usage over warn level at time of SMF record.
---------	-----	---	---

SMF084#21_RSUJ32.<fieldname>

zRSU_OVER	INT	4	(IBM name: R84RSU_OVER) Count of samples over warn level (HASP050 needed).
zRSU_AVERAGE	INT	4	(IBM name: R84RSU_AVERAGE) Average in use value.

Record Type 85 - OAM Transaction Performance

SMF Record 85 (OAM Transaction Performance) is mapped by structure member "T085".

Primary Segment:

- SMF085_OAM_Transaction_Performance

Secondary Segment(s): 49 (in alphabetical order)

- SMF085_Product
- SMF085_01_OSREQ_Access
- SMF085_02_OSREQ_Store
- SMF085_03_OSREQ_Retrieve
- SMF085_04_OSREQ_Query
- SMF085_05_OSREQ_Change
- SMF085_06_OSREQ_Delete
- SMF085_07_OSREQ_Unaccess
- SMF085_08_OSREQ_STOREBEG
- SMF085_09_OSREQ_STOREPRT
- SMF085_10_OSREQ_STOREEND
- SMF085_32_OSMC_Storage_Group_Processing
- SMF085_33_OSMC_DASD_Space_Management
- SMF085_34_OSMC_Volume_Recovery_Utility
- SMF085_35_OSMC_Move_Volume_Utility
- SMF085_36_OSMC_Single_Object_Recovery_Utility
- SMF085_37_OSMC_Library_Space_Management
- SMF085_38_OSMC_Single_Object_Recall_Utility
- SMF085_39_OSMC_Immediate_Backup
- SMF085_40_OSMC_Tape_Recycle
- SMF085_64_LCS_Optical_Drive_Vary_Online
- SMF085_65_LCS_Optical_Drive_Vary_Offline
- SMF085_66_LCS_Optical_Library_Vary_Online
- SMF085_67_LCS_Optical_Library_Vary_Offline
- SMF085_68_LCS_Optical_Cartridge_Entry
- SMF085_69_LCS_Optical_Cartridge_Eject
- SMF085_70_LCS_Optical_Cartridge_Label
- SMF085_71_LCS_Optical_Volume_Audit
- SMF085_72_LCS_Optical_Volume_Mount
- SMF085_73_LCS_Optical_Volume_Demount
- SMF085_74_LCS_Optical_Write
- SMF085_74_Request_Object
- SMF085_75_LCS_Optical_Read
- SMF085_75_Request_Object
- SMF085_76_LCS_Optical_Logical_Delete
- SMF085_76_Request_Object
- SMF085_77_LCS_Optical_Physical_Delete
- SMF085_77_Request_Object
- SMF085_78_LCS_Tape_Write
- SMF085_78_Request_Object
- SMF085_79_LCS_Tape_Read
- SMF085_79_Request_Object
- SMF085_87_LCS_Tape_Volume_Demount
- SMF085_88_LCS_Tape_Logical_Delete
- SMF085_88_Request_Object
- SMF085_90_LCS_FS_Write
- SMF085_91_LCS_FS_Read
- SMF085_92_LCS_FS_Physical_Delete
- SMF085_93_LCS_FS_Physical_Delete_Cleanup

Primary segment: SMF085_OAM_Transaction_Performance

Field Name	Type	Len	Description
SMF085_OAM_Transaction_Performance.<fieldname>			
SMF085_OAM_Transaction_Performance.Header.<fieldname>			
zFLG	HEX	1	(IBM Name: SMF85FLG) System indicator.
zRTY	INT	1	(IBM Name: SMF85RTY) Record type (decimal 85, hexadecimal X'55').
zTME	TSTMP	8	(IBM Name: SMF85TME) Date and time that the record was presented to SMF.

zSID	CHAR	4	(IBM Name: SMF85SID) System Identification (from SID parameter).
zSSI	CHAR	4	(IBM Name: SMF85SSI) Subsystem identification, contains 'OAM' for all OAM SMF records.
zSTY	INT	2	(IBM name: SMF85STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

SMF085_OAM_Transaction_Performance.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM Name: SMF85TRN) Number of triplets in this record.
zPSO	INT	4	(IBM Name: SMF85PSO) Offset to OAM product section.
zPSL	INT	2	(IBM Name: SMF85PSL) Length of OAM product section.
zPSN	INT	2	(IBM Name: SMF85PSN) Number of OAM product section.
zOSO	INT	4	(IBM Name: SMF85OSO) Offset to OAM subtype data section.
zOSL	INT	2	(IBM Name: SMF85OSL) Length of OAM subtype data section.
zOSN	INT	2	(IBM Name: SMF85OSN) Number of OAM subtype data sections.

Secondary segment: SMF085_Product

Field Name	Type	Len	Description
<i>SMF085_Product.<fieldname></i>			
zCID	CHAR	9	(IBM Name: R85PCID) Component ID for OAM. For DFSMS, this field contains the characters '5695DF180'.
zVID	INT	1	(IBM Name: R85PVID) Version number for DFSMS.
zRID	INT	1	(IBM Name: R85PRID) Release number for DFSMS.
zMID	INT	1	(IBM Name: R85PMID) Modification level for DFSMS.
zFMID	CHAR	8	(IBM Name: R85PFMID) SMP/E FMID for OAM.
zCPUID	HEX	8	(IBM Name: R85PCPUID) CPU ID as stored by S/390 Store CPU ID (STIDP) instruction.
zJOBNAME	CHAR	8	(IBM Name: R85PJOBNAME) Job name.
zSTPN	CHAR	8	(IBM Name: R85PSTPN) Step name.
zPRCN	CHAR	8	(IBM Name: R85PPRCN) Procedure name.
zPGMNAME	CHAR	8	(IBM Name: R85PPGMN) Contains the job step program name. The job step program name is the name of the program that is specified on the job control language (JCL) EXEC statement with the PGM= keyword.
zUSRID	CHAR	8	(IBM Name: R85USRID) User identification or blanks.

zTRXN	CHAR	8	(IBM Name: R85PTRXN) Contains the CICS or IMS transaction name for subtypes 2-6 only. For all other subtypes or if the OSREQ macro was started from any other environment, this field contains blanks.
zSTRT	TSTMP	8	(IBM Name: R85PSTRT) Starting time of the function in 8-byte STCK (S/390 STORE CLOCK) format.
zENDT	TSTMP	8	(IBM Name: R85PENDT) Ending time of the function in 8-byte STCK (S/390 STORE CLOCK) format.
zRESP	INT	1	(IBM Name: R85PRESPE) Elapsed time of the function in milliseconds (.001 second units).
zOSUB	CHAR	4	(IBM Name: R85POSUB) OAM subsystem ID.
zSSID	CHAR	4	(IBM Name: R85PSSID) Db2 subsystem ID associated with the OAM subsystem.

Secondary segment: SMF085_01_OSREQ_Access

Field Name	Type	Len	Description
<i>SMF085_01_OSREQ_Access.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST1COLN) Blanks.
zOBJN	CHAR	44	(IBM Name: ST1OBJN) Blanks.
zSGN	CHAR	8	(IBM Name: ST1SGN) Blanks.
zSCN	CHAR	8	(IBM Name: ST1SCN) Blanks.
zMCN	CHAR	8	(IBM Name: ST1MCN) Blanks.
zOFF	INT	4	(IBM Name: ST1OFF) Zero.
zLEN	INT	4	(IBM Name: ST1LEN) Zero.
zTTOK	HEX	16	(IBM Name: ST1TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST1TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST1VSN) Blanks.
zVMT	CHAR	2	(IBM Name: ST1VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST1RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST1RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_01_OSREQ_Access.zFLGS.<fieldname>

zIADDRESS	BIT	1	IADDRESS parameter was specified on the OSREQ request.
-----------	-----	---	--

SMF085_01_OSREQ_Access.<fieldname>

zSTOK	HEX	16	(IBM Name: ST1STOK) Zero.
zRC2	INT	4	(IBM Name: ST1RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST1STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST1OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST1NLRD) Blanks.
zINST	INT	4	(IBM Name: ST1INST) Zero.

Secondary segment: SMF085_02_OSREQ_Store

Field Name	Type	Len	Description
<i>SMF085_02_OSREQ_Store.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST2COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST2OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST2SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST2SCN) Storage class name.
zMCN	CHAR	8	(IBM Name: ST2MCN) Management class name.
zOFF	INT	4	(IBM Name: ST2OFF) Zero.
zLEN	INT	4	(IBM Name: ST2LEN) Length of object stored.
zTTOK	HEX	16	(IBM Name: ST2TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST2TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST2VSN) Volume serial number. This field contains the volume serial number of the tape or optical volume to which the primary copy of the object was stored. Only valid if zOptical or zTape (bit 1 or 2) is on in field ST2FLGS.
zVMT	CHAR	2	(IBM Name: ST2VMT) Volume media type. This field contains the media type of the volume whose volume serial number is in field zVSN. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media.

			'21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zRC	CHAR	4	(IBM Name: ST2RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST2RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_02_OSREQ_Store.zFLGS.<fieldname>			
zDisk	BIT	1	The object is stored to disk.
zOptical	BIT	1	The object is stored to optical.
zTape	BIT	1	The object is stored to tape.
zShelf	BIT	1	The OSREQ STORE request resulted in the mounting of a shelfresident removable media volume (tape or optical) by an operator. This bit is valid only if zOptical or zTape (bit 1 or 2) is on.
zLib	BIT	1	The OSREQ STORE request resulted in the mounting of a library-resident removable media volume (tape or optical) inside an automated storage library. This bit is valid only if zOptical or zTape (bit 1 or 2) is on.
zExist	BIT	1	The OSREQ STORE request was satisfied using an already mounted removable media volume (tape or optical). This bit is valid only if zOptical or zTape (bit 1 or 2) is on.
zBU	BIT	1	An immediate backup copy is scheduled for this object.
zLOB	BIT	1	The object is stored to LOB storage structure.
zSL1	BIT	1	The object is stored on a sublevel 1. When zDisk (bit 0) is on, the object is stored in DB2. When zTape (bit 2) is on, the object is stored to a tape sublevel 1 volume.
zSL2	BIT	1	The object is stored on a sublevel 2. When zDisk (bit 0) is on, the object is stored in a file system. When zTape (bit 2) is on, the object is stored to a tape sublevel 2 volume.
zDELHOLD	BIT	1	The OSREQ STORE request included a DELHOLD=HOLD parameter. A deletion-hold was in effect for this object when it was initially stored.
zRP	BIT	1	The object was stored as a retention-protected object.
zDP	BIT	1	The object was stored as a deletion-protected object.
zEBR	BIT	1	The object was stored as an event-based-retention object.
z64	BIT	1	A 64-bit virtual storage address was provided for the object data buffer

SMF085_02_OSREQ_Store.<fieldname>			
zSTOK	HEX	16	(IBM Name: ST2STOK) Zero.
zRC2	INT	4	(IBM Name: ST2RC2) OSREQ Return Code 2.
zSTOUT	INT	4	(IBM Name: ST2STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST2OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST2NLRD) Blanks.
zINST	INT	4	(IBM Name: ST2INST) Instance ID.

Secondary segment: SMF085_03_OSREQ_Retrieve

Field Name	Type	Len	Description
<i>SMF085_03_OSREQ_Retrieve.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST3COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST3OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST3SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST3SCN) Blanks.
zMCN	CHAR	8	(IBM Name: ST3MCN) Blanks.
zOFF	INT	4	(IBM Name: ST3OFF) Offset for partial object retrieve.
zLEN	INT	4	(IBM Name: ST3LEN) Number of bytes retrieved..
zTOK	HEX	16	(IBM Name: ST3TOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST3TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST3VSN) The volume serial number of the tape or optical volume from which the copy of the object was retrieved. Either the first or the second backup copy is retrieved as determined by the VIEW=BACKUP BACKUP2 option indicated on the RETRIEVE request. Valid if zDisk, zOptical, zTape, VIEWBO, VIEWBT, AutoBO or AutoBT (bit 1, 2, 3, 4, 5 or 6) is on in field ST3FLGS.
zVMT	CHAR	2	(IBM Name: ST3VMT) Volume media type. This field contains the media type of the volume whose volume serial number is in field zVSN. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zRC	CHAR	4	(IBM Name: ST3RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST3RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.
<i>SMF085_03_OSREQ_Retrieve.zFLGS.<fieldname></i>			
zDisk	BIT	1	The primary copy of the object was retrieved from disk.

zOptical	BIT	1	The primary copy of the object was retrieved from optical.
zTape	BIT	1	The primary copy of the object was retrieved from tape.
zVIEWBO	BIT	1	Either the first or the second backup copy of the object was retrieved from optical as a result of VIEW=BACKUP or VIEW=BACKUP2 being specified on the OSREQ macro. See zBU2 (bit 10) to indicate which backup copy was retrieved.
zVIEWBT	BIT	1	Either the first or the second backup copy of the object was retrieved from tape as a result of VIEW=BACKUP or VIEW=BACKUP2 being specified on the OSREQ macro. See zBU2 (bit 10) to indicate which backup copy was retrieved.
zAutoBO	BIT	1	Either the first or the second backup copy of the object was retrieved from optical as a result of the primary copy of the object being unavailable and the automatic access to backup being active. See zBU2 (bit 10) indication which backup copy was retrieved.
zAutoBT	BIT	1	Either the first or the second backup copy of the object was retrieved from tape as a result of the primary copy of the object being unavailable and the automatic access to backup being active. See zBU2 (bit 10) for indication which backup copy was retrieved.
zShelf	BIT	1	The OSREQ RETRIEVE request resulted in the mounting of a shelf-resident removable media volume (tape or optical) by an operator. This bit is valid only if zDisk, zOptical, zTape, VIEWBO, VIEWBT, AutoBO or AutoBT (bits 1, 2, 3, 4, 5 or 6) is on.
zLib	BIT	1	The OSREQ RETRIEVE request resulted in the mounting of a library-resident removable media volume (tape or optical) inside an automated storage library. This bit is valid only if zDisk, zOptical, zTape, VIEWBO, VIEWBT, AutoBO or AutoBT (bits 1, 2, 3, 4, 5 or 6) is on.
zExist	BIT	1	The OSREQ RETRIEVE request was satisfied using an already mounted removable media volume (tape or optical). This bit is valid only if zDisk, zOptical, zTape, VIEWBO, VIEWBT, AutoBO or AutoBT (bits 1, 2, 3, 4, 5 or 6) is on.
zBU2	BIT	1	The second backup copy of the object was retrieved.
zRecallS	BIT	1	A recall is scheduled for this object.
zRecallX	BIT	1	A recall was explicitly specified on the OSREQ RETRIEVE request.
zLOB	BIT	1	The primary copy of the object was retrieved from a LOB table.
zSL1	BIT	1	The object is retrieved from on a sublevel 1. When zDisk (bit 0) is on, the object is retrieved from DB2. When zTape (bit 2) is on, the object is retrieved from a tape sublevel 1 volume.
zSL2	BIT	1	The object is retrieved from on a sublevel 2. When zDisk (bit 0) is on, the object is retrieved from a file system. When zTape (bit 2) is on, the object is retrieved from a tape sublevel 2 volume.
z64	BIT	1	A 64-bit virtual storage address was provided for the object data buffer

SMF085_03_OSREQ_Retrieve.<fieldname>

zSTOK	HEX	16	(IBM Name: ST3STOK) Zero.
zRC2	INT	4	(IBM Name: ST3RC2) OSREQ Return Code 2.
zSTOUT	INT	4	(IBM Name: ST3STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST3OLRD) Old Last Reference Date. Value contained in ODLREFDT prior to the OSREQ CHANGE or RETRIEVE request.
zNLRD	CHAR	10	(IBM Name: ST3NLRD) New Last Reference Date. Value contained in ODLREFDT after the OSREQ CHANGE or RETRIEVE request has completed.
zINST	INT	4	(IBM Name: ST3INST) Instance ID.

Secondary segment: **SMF085_04_OSREQ_Query**

Field Name	Type	Len	Description
<i>SMF085_04_OSREQ_Query.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST4COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST4OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST4SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST4SCN) Storage class name.
zMCN	CHAR	8	(IBM Name: ST4MCN) Management class name.
zOFF	INT	4	(IBM Name: ST4OFF) Zero.
zLEN	INT	4	(IBM Name: ST4LEN) Number of QEL elements returned to the application program.
zTTOK	HEX	16	(IBM Name: ST4TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST4TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST4VSN) Blanks.
zVMT	CHAR	2	(IBM Name: ST4VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST4RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST4RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.
<i>SMF085_04_OSREQ_Query.zFLGS.<fieldname></i>			
zQBN	BIT	1	The QUERY BACKUP OPTION has been disabled by specifying QB=N in the IEFSSNxx PARMLIB member. Otherwise, the QUERY BACKUP OPTION is enabled, either by default or by specifying QB=Y in the IEFSSNxx PARMLIB member.
<i>SMF085_04_OSREQ_Query.<fieldname></i>			
zSTOK	HEX	16	(IBM Name: ST4STOK) Zero.
zRC2	INT	4	(IBM Name: ST4RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST4STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST4OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST4NLRD) Blanks.
zINST	INT	4	(IBM Name: ST4INST) Zero.

Secondary segment: SMF085_05_OSREQ_Change

Field Name	Type	Len	Description
<i>SMF085_05_OSREQ_Change.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST5COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST5OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST5SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST5SCN) Storage class name.
zMCN	CHAR	8	(IBM Name: ST5MCN) Management class name.
zOFF	INT	4	(IBM Name: ST5OFF) Zero.
zLEN	INT	4	(IBM Name: ST5LEN) Zero.
zTTOK	HEX	16	(IBM Name: ST5TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST5TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST5VSN) Blanks.
zVMT	CHAR	2	(IBM Name: ST5VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST5RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST5RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

<i>SMF085_05_OSREQ_Change.zFLGS.<fieldname></i>			
zMNGCLAS	BIT	1	Management class is specified on the OSREQ CHANGE macro.
zSTOCLAS	BIT	1	Storage class is specified on the OSREQ CHANGE macro.
zRETPD	BIT	1	Retention period is specified on the OSREQ CHANGE macro.
zRETPDM1	BIT	1	Special retention period value of -1 is specified the OSREQ CHANGE macro.
zRETPDM2	BIT	1	Special retention period value of -2 is specified the OSREQ CHANGE macro.
zRETPDMAX	BIT	1	Special retention period value of X'7FFFFFFF' is specified the OSREQ CHANGE macro.
zEVENTEXP	BIT	1	Event expiration (EVENTEXP) is specified on the OSREQ CHANGE macro.
zDELHOLD	BIT	1	Activate deletion hold (DELHOLD=HOLD) is specified on the OSREQ CHANGE macro.
zDELNOHOLD	BIT	1	Release deletion hold (DELHOLD=NOHOLD) is specified on the OSREQ CHANGE macro.

<i>SMF085_05_OSREQ_Change.<fieldname></i>			
zSTOK	HEX	16	(IBM Name: ST5STOK) Zero.
zRC2	INT	4	

			(IBM Name: ST5RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST5STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST5OLRD) Old Last Reference Date. Value contained in ODLREFDT prior to the OSREQ CHANGE or RETRIEVE request.
zNLRD	CHAR	10	(IBM Name: ST5NLRD) New Last Reference Date. Value contained in ODLREFDT after the OSREQ CHANGE or RETRIEVE request has completed.
zINST	INT	4	(IBM Name: ST5INST) Zero.

Secondary segment: **SMF085_06_OSREQ_Delete**

Field Name	Type	Len	Description
<i>SMF085_06_OSREQ_Delete.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST6COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST6OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST6SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST6SCN) Blanks.
zMCN	CHAR	8	(IBM Name: ST6MCN) Blanks.
zOFF	INT	4	(IBM Name: ST6OFF) Zero.
zLEN	INT	4	(IBM Name: ST6LEN) Length of object deleted.
zTTOK	HEX	16	(IBM Name: ST6TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST6TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST6VSN) The volume serial number of the tape or optical volume from which the copy of the object was retrieved. Either the first or the first or the second backup copy is retrieved as determined by the VIEW=BACKUP BACKUP2 option indicated on the RETRIEVE request. Valid if zDisk, zOptical, zTape, VIEWBO, VIEWBT, AutoBO or AutoBT (bit 1, 2, 3, 4, 5 or 6) is on in field ST6FLGS.
zVMT	CHAR	2	(IBM Name: ST6VMT) Volume media type. This field contains the media type of the volume whose volume serial number is in field zVSN. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge.

			'13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zRC	CHAR	4	(IBM Name: ST6RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST6RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_06_OSREQ_Delete.zFLGS.<fieldname>			
zDisk	BIT	1	The primary copy of the object is deleted from disk.
zOptical	BIT	1	The primary copy of the object is deleted from optical.
zTape	BIT	1	The primary copy of the object is deleted from tape.
zBU1O	BIT	1	The first backup copy of the object is deleted from optical.
zBU1T	BIT	1	The first backup copy of the object is deleted from tape.
zBU2O	BIT	1	The second backup copy of the object is deleted from optical.
zBU2T	BIT	1	The second backup copy of the object is deleted from tape.
zLOB	BIT	1	The primary copy of the object was deleted from a LOB table.
zSL1	BIT	1	The primary copy of the object is deleted from sublevel 1. When zDisk (bit 0) is on, the object is deleted from DB2. When zTape (bit 2) is on, the object is deleted from a tape sublevel 1 volume.
zSL2	BIT	1	The primary copy of the object is deleted from sublevel 2. When zDisk (bit 0) is on, the object is deleted from a file system. When zTape (bit 2) is on, the object is deleted from a tape sublevel 2 volume.

SMF085_06_OSREQ_Delete.<fieldname>			
zSTOK	HEX	16	(IBM Name: ST6STOK) Zero.
zRC2	INT	4	(IBM Name: ST6RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST6STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST6OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST6NLRD) Blanks.
zINST	INT	4	(IBM Name: ST6INST) Instance ID.

Secondary segment: **SMF085_07_OSREQ_Unaccess**

Field Name	Type	Len	Description
SMF085_07_OSREQ_Unaccess.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST7COLN) Blanks.
zOBJN	CHAR	44	(IBM Name: ST7OBJN) Blanks.

zSGN	CHAR	8	(IBM Name: ST7SGN) Blanks.
zSCN	CHAR	8	(IBM Name: ST7SCN) Blanks.
zMCN	CHAR	8	(IBM Name: ST7MCN) Blanks.
zOFF	INT	4	(IBM Name: ST7OFF) Zero.
zLEN	INT	4	(IBM Name: ST7LEN) Zero.
zTTOK	HEX	16	(IBM Name: ST7TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST7TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST7VSN) Blanks.
zVMT	CHAR	2	(IBM Name: ST7VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST7RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST7RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_07_OSREQ_Unaccess.zFLGS.<fieldname>

SMF085_07_OSREQ_Unaccess.<fieldname>

zSTOK	HEX	16	(IBM Name: ST7STOK) Zero.
zRC2	INT	4	(IBM Name: ST7RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST7STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST7OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST7NLRD) Blanks.
zINST	INT	4	(IBM Name: ST7INST) Zero.

Secondary segment: **SMF085_08_OSREQ_STOREBEG**

Field Name	Type	Len	Description
SMF085_08_OSREQ_STOREBEG.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST8COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST8OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST8SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST8SCN) Storage class name.

zMCN	CHAR	8	(IBM Name: ST8MCN) Management class name.
zOFF	INT	4	(IBM Name: ST8OFF) Zero.
zLEN	INT	4	(IBM Name: ST8LEN) Total object length in bytes.
zTTOK	HEX	16	(IBM Name: ST8TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST8TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST8VSN) Blanks.
zVMT	CHAR	2	(IBM Name: ST8VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST8RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST8RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_08_OSREQ_STOREBEG.zFLGS.<fieldname>
SMF085_08_OSREQ_STOREBEG.<fieldname>

zSTOK	HEX	16	(IBM Name: ST8STOK) OSREQ STOKEN.
zRC2	INT	4	(IBM Name: ST8RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST8STOUT) STIMEOUT value specified on the STOREBEG request. Specifies the maximum interval in seconds between STOREBEG, STOREPRT, and STOREEND request that OAM should wait before OAM will assume that there will be no more activity for this store sequence.
zOLRD	CHAR	10	(IBM Name: ST8OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST8NLRD) Blanks.
zINST	INT	4	(IBM Name: ST8INST) Zero.

Secondary segment: SMF085_09_OSREQ_STOREPRT

Field Name	Type	Len	Description
SMF085_09_OSREQ_STOREPRT.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST9COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST9OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST9SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST9SCN) Storage class name.
zMCN	CHAR	8	(IBM Name: ST9MCN) Management class name.

zOFF	INT	4	(IBM Name: ST9OFF) Offset of object store part.
zLEN	INT	4	(IBM Name: ST9LEN) Length in bytes of the part of the object to be stored.
zTTOK	HEX	16	(IBM Name: ST9TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST9TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST9VSN) Blanks.
zVMT	CHAR	2	(IBM Name: ST9VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST9RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST9RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_09_OSREQ_STOREPRT.zFLGS.<fieldname>
SMF085_09_OSREQ_STOREPRT.<fieldname>

zSTOK	HEX	16	(IBM Name: ST9STOK) OSREQ STOKEN.
zRC2	INT	4	(IBM Name: ST9RC2) Zero.
zSTOUT	INT	4	(IBM Name: ST9STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST9OLRD) Blanks.
zNLRD	CHAR	10	(IBM Name: ST9NLRD) Blanks.
zINST	INT	4	(IBM Name: ST9INST) Zero.

Secondary segment: SMF085_10_OSREQ_STOREEND

Field Name	Type	Len	Description
SMF085_10_OSREQ_STOREEND.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST10COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST10OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST10SGN) Storage group name.
zSCN	CHAR	8	(IBM Name: ST10SCN) Storage class name.
zMCN	CHAR	8	(IBM Name: ST10MCN) Management class name.
zOFF	INT	4	(IBM Name: ST10OFF) Zero.
zLEN	INT	4	(IBM Name: ST10LEN) Total object length in bytes to complete storage of the object.

zTTOK	HEX	16	(IBM Name: ST10TTOK) OSREQ tracking token supplied with TTOKEN keyword on the OSREQ macro. Note: Any application programs that want to use the new TTOKEN keyword interface need to be recompiled with the new OSREQ macro.
zTOK	CHAR	8	(IBM Name: ST10TOK) OSREQ token.
zVSN	CHAR	6	(IBM Name: ST10VSN) Volume serial number. This field contains the volume serial number of the tape or optical volume to which the primary copy of the object was stored. Only valid if zOptical or zTape (bit 1 or 2) is on in field ST10FLGS.
zVMT	CHAR	2	(IBM Name: ST10VMT) Blanks.
zRC	CHAR	4	(IBM Name: ST10RC) OSREQ return code. Value in register 15 following the OSREQ macro invocation.
zRS	CHAR	4	(IBM Name: ST10RS) OSREQ reason code. Value in register 0 following the OSREQ macro invocation.

SMF085_10_OSREQ_STOREEND.zFLGS.<fieldname>

zDisk	BIT	1	The object is stored to disk.
zTape	BIT	1	The object is stored to tape.
zShelf	BIT	1	The OSREQ STORE request resulted in the mounting of a shelfresident tape volume by an operator (this could also be a non-IBM tape library). This bit is valid only if zTape (bit 2) is on.
zLib	BIT	1	The OSREQ STORE request resulted in the mounting of a library-resident tape volume inside an IBM automated tape library. This bit is valid only if zTape (bit 2) is on.
zExist	BIT	1	The OSREQ STORE request was satisfied using an already mounted tape volume. This bit is valid only if zTape (bit 2) is on.
zBU	BIT	1	An immediate backup copy is scheduled for this object.
zLOB	BIT	1	The object is stored to LOB storage structure.
zSL1	BIT	1	The object is stored on a sublevel 1. When zDisk (bit 0) is on, the object is stored in DB2. When zTape (bit 2) is on, the object is stored to a tape sublevel 1 volume.
zSL2	BIT	1	The object is stored on a sublevel 2. When zDisk (bit 0) is on, the object is stored in a file system. When zTape (bit 2) is on, the object is stored to a tape sublevel 2 volume.
zCANCEL	BIT	1	The CANCEL=YES keyword was specified indicating the store sequence was successfully canceled.
zDELHOLD	BIT	1	The OSREQ STOREBEG request included a DELHOLD=HOLD parameter. A deletion-hold was in effect for this object when it was initially stored.
zRP	BIT	1	The object was stored as a retention-protected object.
zDP	BIT	1	The object was stored as a deletion-protected object.
zEBR	BIT	1	The object was stored as an event-based-retention object.

SMF085_10_OSREQ_STOREEND.<fieldname>

zSTOK	HEX	16	(IBM Name: ST10STOK) OSREQ STOKEN.
zRC2	INT	4	(IBM Name: ST10RC2) OSREQ Return Code 2.
zSTOUT	INT	4	(IBM Name: ST10STOUT) Zero.
zOLRD	CHAR	10	(IBM Name: ST10OLRD) Blanks.
zNLRD	CHAR	10	

			(IBM Name: ST10NLRD) Blanks.
zINST	INT	4	(IBM Name: ST10INST) Instance ID.

Secondary segment: SMF085_32_OSMC_Storage_Group_Processing

Field Name	Type	Len	Description
<i>SMF085_32_OSMC_Storage_Group_Processing.<fieldname></i>			
zSGN	CHAR	8	(IBM Name: ST32SGN) Object or Object Backup storage group name.
zVSN0	CHAR	6	(IBM Name: ST32VSN0) Blanks.
zVSN1	CHAR	6	(IBM Name: ST32VSN1) Blanks.
zold	CHAR	2	(IBM Name: ST32old) Blanks.
zPDWO	INT	4	(IBM Name: ST32PDWO) Number of primary objects written to disk sublevel 1 (DB2).
zPDWK	INT	4	(IBM Name: ST32PDWK) Number of kilobytes of primary object data written to disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDRO	INT	4	(IBM Name: ST32PDRO) Number of primary objects read from disk sublevel 1 (DB2).
zPDRK	INT	4	(IBM Name: ST32PDRK) Number of kilobytes of primary object data read from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDDO	INT	4	(IBM Name: ST32PDDO) Number of primary objects deleted from disk sublevel 1 (DB2).
zPDDK	INT	4	(IBM Name: ST32PDDK) Number of kilobytes of primary object data deleted from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPOWO	INT	4	(IBM Name: ST32POWO) Number of primary objects written to optical.
zPOWK	INT	4	(IBM Name: ST32POWK) Number of kilobytes of primary object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zPORO	INT	4	(IBM Name: ST32PORO) Number of primary objects read from optical.
zPORK	INT	4	(IBM Name: ST32PORK) Number of kilobytes of primary object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPODO	INT	4	(IBM Name: ST32PODO) Number of primary objects deleted from optical.
zPODK	INT	4	(IBM Name: ST32PODK) Number of kilobytes of primary object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPTWO	INT	4	(IBM Name: ST32PTWO) Number of primary objects written to tape.
zPTWK	INT	4	(IBM Name: ST32PTWK) Number of kilobytes of primary object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTRO	INT	4	(IBM Name: ST32PTRO) Number of primary objects read from tape.
zPTRK	INT	4	

			(IBM Name: ST32PTRK) Number of kilobytes of primary object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTDO	INT	4	(IBM Name: ST32PTDO) Number of primary objects deleted from tape.
zPTDK	INT	4	(IBM Name: ST32PTDK) Number of kilobytes of primary object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBOWO	INT	4	(IBM Name: ST32BOWO) Number of backup objects written to optical.
zBOWK	INT	4	(IBM Name: ST32BOWK) Number of kilobytes of backup object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zBORO	INT	4	(IBM Name: ST32BORO) Number of backup objects read from optical.
zBORK	INT	4	(IBM Name: ST32BORK) Number of kilobytes of backup object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBODO	INT	4	(IBM Name: ST32BODO) Number of backup objects deleted from optical.
zBODK	INT	4	(IBM Name: ST32BODK) Number of kilobytes of backup object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBTWO	INT	4	(IBM Name: ST32BTWO) Number of backup objects written to tape.
zBTWK	INT	4	(IBM Name: ST32BTWK) Number of kilobytes of backup object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTRO	INT	4	(IBM Name: ST32BTRO) Number of backup objects read from tape.
zBTRK	INT	4	(IBM Name: ST32BTRK) Number of kilobytes of backup object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTDO	INT	4	(IBM Name: ST32BTDO) Number of backup objects deleted from tape.
zBTDK	INT	4	(IBM Name: ST32BTDK) Number of kilobytes of backup object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2OWO	INT	4	(IBM Name: ST32B2OWO) Number of BACKUP2 objects written to optical.
zB2OWK	INT	4	(IBM Name: ST32B2OWK) Number of kilobytes of BACKUP2 objects written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ORO	INT	4	(IBM Name: ST32B2ORO) Number of BACKUP2 objects read from optical.
zB2ORK	INT	4	(IBM Name: ST32B2ORK) Number of rows kilobytes of BACKUP2 objects read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ODO	INT	4	(IBM Name: ST32B2ODO) Number of BACKUP2 objects deleted from optical.
zB2ODK	INT	4	(IBM Name: ST32B2ODK) Number of kilobytes of BACKUP2 objects deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2TWO	INT	4	(IBM Name: ST32B2TWO) Number of BACKUP2 objects written to tape.
zB2TWK	INT	4	(IBM Name: ST32B2TWK) Number of kilobytes of BACKUP2 objects written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TRO	INT	4	

			(IBM Name: ST32B2TRO) Number of BACKUP2 objects read from tape.
zB2TRK	INT	4	(IBM Name: ST32B2TRK) Number of kilobytes of BACKUP2 objects read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TDO	INT	4	(IBM Name: ST32B2TDO) Number of BACKUP2 objects logically deleted from tape.
zB2TDK	INT	4	(IBM Name: ST32B2TDK) Number of kilobytes of BACKUP2 objects logically deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zDTUP	INT	4	(IBM Name: ST32DTUP) Number of rows updated in the object directory table.
zDTDE	INT	4	(IBM Name: ST32DTDE) Number of rows deleted from the object directory table.
z4KIN	INT	4	(IBM Name: ST324KIN) Number of rows inserted into the 4 KB object storage table.
z4KDE	INT	4	(IBM Name: ST324KDE) Number of rows deleted from the 4 KB object storage table.
z32KI	INT	4	(IBM Name: ST3232KI) Number of rows inserted into the 32 KB object storage table.
z32KD	INT	4	(IBM Name: ST3232KD) Number of rows deleted from the 32 KB object storage table.
zNCE	INT	4	(IBM Name: ST32NCE) Number of optical cartridges expired.

SMF085_32_OSMC_Storage_Group_Processing.zFLGS.<fieldname>

zMOVEVOL	BIT	1	The MOVEVOL was invoked automatically under software control as a result of RECYCLE.
zOAMSTART	BIT	1	This process was invoked by a MODIFY OAM,START command issued from an MVS console.
zISMF	BIT	1	This process was invoked using an ISMF line operator.
zBACKUP1	BIT	1	Volume recovery was invoked with the BACKUP1 keyword or defaulted to BACKUP1.
zBACKUP2	BIT	1	Volume recovery was invoked with the BACKUP2 keyword.
zDELETE	BIT	1	The DELETE option was specified for the RECOVER or MOVEVOL utility.
zRECYCLE	BIT	1	The RECYCLE option was specified for the MOVEVOL utility.
zSG	BIT	1	The Object storage group was processed.
zSGBU	BIT	1	The Object Backup storage group was processed.
zCYCLE	BIT	1	The storage group cycle ended because the CYCLE END TIME was exceeded.
zDELBU	BIT	1	Automatic backup deletion was enabled during the storage group cycle.

SMF085_32_OSMC_Storage_Group_Processing.<fieldname>

zNTE	INT	4	(IBM Name: ST32NTE) Number of tape volumes expired.
zRCLD	INT	4	(IBM Name: ST32RCLD) Number of recalled objects processed this storage group cycle.
zRCLK	INT	4	(IBM Name: ST32RCLK) Number of kilobytes of recalled objects processed this storage group cycle. X'FFFFFFFF' indicates the counter has overflowed.
zLOBI	INT	4	(IBM Name: ST32LOBI) Number of rows inserted into the LOB storage structure.
zLOBD	INT	4	(IBM Name: ST32LOBD) Number of rows deleted from the LOB storage structure.
zPUWO	INT	4	

			(IBM Name: ST32PUWO) Number of primary objects written to tape sublevel 2.
zPUWK	INT	4	(IBM Name: ST32PUWK) Number of kilobytes of primary objects written to tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPURO	INT	4	(IBM Name: ST32PURO) Number of primary objects read from tape sublevel 2.
zPURK	INT	4	(IBM Name: ST32PURK) Number of kilobytes of primary objects read from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPUDO	INT	4	(IBM Name: ST32PUDO) Number of primary objects deleted from tape sublevel 2.
zPUDK	INT	4	(IBM Name: ST32PUDK) Number of kilobytes of primary object data deleted from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPEWO	INT	4	(IBM Name: ST32PEWO) Number of primary objects written to disk sublevel 2 (file system).
zPERO	INT	4	(IBM Name: ST32PERO) Number of primary objects read from disk sublevel 2 (file system).
zPEDO	INT	4	(IBM Name: ST32PEDO) Number of primary objects deleted from disk sublevel 2 (file system).
zPDWB	INT	4	(IBM Name: ST32PDWB) Number of bytes of primary object data written to disk sublevel 1 (DB2).
zPDRB	INT	8	(IBM Name: ST32PDRB) Number of bytes of primary object data read from disk sublevel 1 (DB2).
zPddb	INT	8	(IBM Name: ST32Pddb) Number of bytes of primary object data deleted from disk sublevel 1 (DB2).
zPOWB	INT	8	(IBM Name: ST32POWB) Number of bytes of primary object data written to optical.
zPORB	INT	8	(IBM Name: ST32PORB) Number of bytes of primary object data read from optical.
zPODB	INT	8	(IBM Name: ST32PODB) Number of bytes of primary object data deleted from optical.
zPTWB	INT	8	(IBM Name: ST32PTWB) Number of bytes of primary object data written to tape.
zPTRB	INT	8	(IBM Name: ST32PTRB) Number of bytes of primary object data read from tape.
zPTDB	INT	8	(IBM Name: ST32PTDB) Number of bytes of primary object data deleted from tape.
zBOWB	INT	8	(IBM Name: ST32BOWB) Number of bytes of backup object data written to optical.
zBORB	INT	8	(IBM Name: ST32BORB) Number of bytes of backup object data read from optical.
zBODB	INT	8	(IBM Name: ST32BODB) Number of bytes of backup object data deleted from optical.
zBTWB	INT	8	(IBM Name: ST32BTWB) Number of bytes of backup object data written to tape.
zBTRB	INT	8	(IBM Name: ST32PTRB) Number of bytes of backup object data read from tape.
zBTDB	INT	8	(IBM Name: ST32BTDB) Number of bytes of backup object data deleted from tape.
zB2OWB	INT	8	(IBM Name: ST32B2OWB) Number of bytes of BACKUP2 objects written to optical.
zB2ORB	INT	8	(IBM Name: ST32B2ORB) Number of bytes of BACKUP2 objects read from optical.
zB2ODB	INT	8	(IBM Name: ST32B2ODB) Number of bytes of BACKUP2 objects deleted from optical.

zB2TWB	INT	8	(IBM Name: ST32B2TWB) Number of bytes of BACKUP2 objects written to tape.
zB2TRB	INT	8	(IBM Name: ST32B2TRB) Number of bytes of BACKUP2 objects read from tape.
zB2TDB	INT	8	(IBM Name: ST32B2TDB) Number of bytes of BACKUP2 objects logically deleted from tape.
zRCLB	INT	8	(IBM Name: ST32RCLB) Number of bytes of recalled objects processed this storage group cycle.
zPUWB	INT	8	(IBM Name: ST32PUWB) Number of bytes of primary objects written to tape sublevel 2.
zPURB	INT	8	(IBM Name: ST32PURB) Number of bytes of primary objects read from tape sublevel 2.
zPUDB	INT	8	(IBM Name: ST32PUDB) Number of bytes of objects deleted from tape sublevel 2.
zPEWB	INT	8	(IBM Name: ST32PEWB) Number of bytes of primary objects written to disk sublevel 2 (file system).
zPERB	INT	8	(IBM Name: ST32PERB) Number of bytes of primary objects read from disk sublevel 2 (file system).
zPEDB	INT	8	(IBM Name: ST32PEDB) Number of bytes of primary objects deleted from disk sublevel 2 (file system).
zBOAO	INT	4	(IBM Name: ST32BOAO) Number of unneeded backup 1 copies deleted from optical. These backup copies are also included in the count in the ST32BODO field.
zB2OAO	INT	4	(IBM Name: ST32B2OAO) Number of unneeded backup 2 copies deleted from optical. These backup copies are also included in the count in the ST32B2ODO field.
zBTAO	INT	4	(IBM Name: ST32BTAO) Number of unneeded backup 1 copies deleted from tape. These backup copies are also included in the count in the ST32BTDO field.
zB2TAO	INT	4	(IBM Name: ST32B2TAO) Number of unneeded backup 2 copies deleted from tape. These backup copies are also included in the count in the ST32B2TDO field.
zBOAB	INT	8	(IBM Name: ST32BOAB) Number of bytes of unneeded backup 1 copies deleted from optical. These bytes are also included in the count in the ST32BODB field.
zB2OAB	INT	8	(IBM Name: ST32B2OAB) Number of bytes of unneeded backup 2 copies deleted from optical. These bytes are also included in the count in the ST32B2ODB field.
zBTAB	INT	8	(IBM Name: ST32BTAB) Number of bytes of unneeded backup 1 copies deleted from tape. These bytes are also included in the count in the ST32BTDB field.
zB2TAB	INT	8	(IBM Name: ST32B2TAB) Number of bytes of unneeded backup 2 copies deleted from tape. These bytes are also included in the count in the ST32B2TDB field.

Secondary segment: SMF085_33_OSMC_DASD_Space_Management

Field Name	Type	Len	Description
<i>SMF085_33_OSMC_DASD_Space_Management.<fieldname></i>			
zSGN	CHAR	8	(IBM Name: ST33SGN) Object or Object Backup storage group name.
zVSN0	CHAR	6	(IBM Name: ST33VSN0) Blanks.
zVSN1	CHAR	6	(IBM Name: ST33VSN1) Blanks.

zold	CHAR	2	(IBM Name: ST33old) Blanks.
zPDWO	INT	4	(IBM Name: ST33PDWO) Number of primary objects written to disk sublevel 1 (DB2).
zPDWK	INT	4	(IBM Name: ST33PDWK) Number of kilobytes of primary object data written to disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDRO	INT	4	(IBM Name: ST33PDRO) Number of primary objects read from disk sublevel 1 (DB2).
zPDRK	INT	4	(IBM Name: ST33PDRK) Number of kilobytes of primary object data read from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDDO	INT	4	(IBM Name: ST33PDDO) Number of primary objects deleted from disk sublevel 1 (DB2).
zPDDK	INT	4	(IBM Name: ST33PDDK) Number of kilobytes of primary object data deleted from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPOWO	INT	4	(IBM Name: ST33POWO) Number of primary objects written to optical.
zPOWK	INT	4	(IBM Name: ST33POWK) Number of kilobytes of primary object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zPORO	INT	4	(IBM Name: ST33PORO) Number of primary objects read from optical.
zPORK	INT	4	(IBM Name: ST33PORK) Number of kilobytes of primary object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPODO	INT	4	(IBM Name: ST33PODO) Number of primary objects deleted from optical.
zPODK	INT	4	(IBM Name: ST33PODK) Number of kilobytes of primary object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPTWO	INT	4	(IBM Name: ST33PTWO) Number of primary objects written to tape.
zPTWK	INT	4	(IBM Name: ST33PTWK) Number of kilobytes of primary object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTRO	INT	4	(IBM Name: ST33PTRO) Number of primary objects read from tape.
zPTRK	INT	4	(IBM Name: ST33PTRK) Number of kilobytes of primary object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTDO	INT	4	(IBM Name: ST33PTDO) Number of primary objects deleted from tape.
zPTDK	INT	4	(IBM Name: ST33PTDK) Number of kilobytes of primary object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBOWO	INT	4	(IBM Name: ST33BOWO) Number of backup objects written to optical.
zBOWK	INT	4	(IBM Name: ST33BOWK) Number of kilobytes of backup object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zBORO	INT	4	(IBM Name: ST33BORO) Number of backup objects read from optical.
zBORK	INT	4	(IBM Name: ST33BORK) Number of kilobytes of backup object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBODO	INT	4	(IBM Name: ST33BODO) Number of backup objects deleted from optical.

zBODK	INT	4	(IBM Name: ST33BODK) Number of kilobytes of backup object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBTWO	INT	4	(IBM Name: ST33BTWO) Number of backup objects written to tape.
zBTWK	INT	4	(IBM Name: ST33BTWK) Number of kilobytes of backup object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTRO	INT	4	(IBM Name: ST33BTRO) Number of backup objects read from tape.
zBTRK	INT	4	(IBM Name: ST33BTRK) Number of kilobytes of backup object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTDO	INT	4	(IBM Name: ST33BTDO) Number of backup objects deleted from tape.
zBTDK	INT	4	(IBM Name: ST33BTDK) Number of kilobytes of backup object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2OWO	INT	4	(IBM Name: ST33B2OWO) Number of BACKUP2 objects written to optical.
zB2OWK	INT	4	(IBM Name: ST33B2OWK) Number of kilobytes of BACKUP2 objects written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ORO	INT	4	(IBM Name: ST33B2ORO) Number of BACKUP2 objects read from optical.
zB2ORK	INT	4	(IBM Name: ST33B2ORK) Number of rows kilobytes of BACKUP2 objects read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ODO	INT	4	(IBM Name: ST33B2ODO) Number of BACKUP2 objects deleted from optical.
zB2ODK	INT	4	(IBM Name: ST33B2ODK) Number of kilobytes of BACKUP2 objects deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2TWO	INT	4	(IBM Name: ST33B2TWO) Number of BACKUP2 objects written to tape.
zB2TWK	INT	4	(IBM Name: ST33B2TWK) Number of kilobytes of BACKUP2 objects written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TRO	INT	4	(IBM Name: ST33B2TRO) Number of BACKUP2 objects read from tape.
zB2TRK	INT	4	(IBM Name: ST33B2TRK) Number of kilobytes of BACKUP2 objects read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TDO	INT	4	(IBM Name: ST33B2TDO) Number of BACKUP2 objects logically deleted from tape.
zB2TDK	INT	4	(IBM Name: ST33B2TDK) Number of kilobytes of BACKUP2 objects logically deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zDTUP	INT	4	(IBM Name: ST33DTUP) Number of rows updated in the object directory table.
zDTDE	INT	4	(IBM Name: ST33DTDE) Number of rows deleted from the object directory table.
z4KIN	INT	4	(IBM Name: ST334KIN) Number of rows inserted into the 4 KB object storage table.
z4KDE	INT	4	(IBM Name: ST334KDE) Number of rows deleted from the 4 KB object storage table.
z32KI	INT	4	(IBM Name: ST3332KI) Number of rows inserted into the 32 KB object storage table.
z32KD	INT	4	

			(IBM Name: ST3332KD) Number of rows deleted from the 32 KB object storage table.
zNCE	INT	4	(IBM Name: ST33NCE) Zero.

SMF085_33_OSMC_DASD_Space_Management.zFLGS.<fieldname>

zMOVEVOL	BIT	1	The MOVEVOL was invoked automatically under software control as a result of RECYCLE.
zOAMSTART	BIT	1	This process was invoked by a MODIFY OAM,START command issued from an MVS console.
zISMF	BIT	1	This process was invoked using an ISMF line operator.
zBACKUP1	BIT	1	Volume recovery was invoked with the BACKUP1 keyword or defaulted to BACKUP1.
zBACKUP2	BIT	1	Volume recovery was invoked with the BACKUP2 keyword.
zDELETE	BIT	1	The DELETE option was specified for the RECOVER or MOVEVOL utility.
zRECYCLE	BIT	1	The RECYCLE option was specified for the MOVEVOL utility.
zSG	BIT	1	The Object storage group was processed.
zSGBU	BIT	1	The Object Backup storage group was processed.
zCYCLE	BIT	1	The storage group cycle ended because the CYCLE END TIME was exceeded.
zDELBU	BIT	1	Automatic backup deletion was enabled during the storage group cycle.

SMF085_33_OSMC_DASD_Space_Management.<fieldname>

zNTE	INT	4	(IBM Name: ST33NTE) Zero.
zRCLD	INT	4	(IBM Name: ST33RCLD) Zero.
zRCLK	INT	4	(IBM Name: ST33RCLK) Zero.
zLOBI	INT	4	(IBM Name: ST33LOBI) Number of rows inserted into the LOB storage structure.
zLOBD	INT	4	(IBM Name: ST33LOBD) Number of rows deleted from the LOB storage structure.
zPUWO	INT	4	(IBM Name: ST33PUWO) Number of primary objects written to tape sublevel 2.
zPUWK	INT	4	(IBM Name: ST33PUWK) Number of kilobytes of primary objects written to tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPURO	INT	4	(IBM Name: ST33PURO) Number of primary objects read from tape sublevel 2.
zPURK	INT	4	(IBM Name: ST33PURK) Number of kilobytes of primary objects read from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPUDO	INT	4	(IBM Name: ST33PUDO) Number of primary objects deleted from tape sublevel 2.
zPUDK	INT	4	(IBM Name: ST33PUDK) Number of kilobytes of primary object data deleted from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPEWO	INT	4	(IBM Name: ST33PEWO) Number of primary objects written to disk sublevel 2 (file system).
zPERO	INT	4	(IBM Name: ST33PERO) Number of primary objects read from disk sublevel 2 (file system).
zPEDO	INT	4	(IBM Name: ST33PEDO) Number of primary objects deleted from disk sublevel 2 (file system).
zPDWB	INT	4	

			(IBM Name: ST33PDWB) Number of bytes of primary object data written to disk sublevel 1 (DB2).
zPDRB	INT	8	(IBM Name: ST33PDRB) Number of bytes of primary object data read from disk sublevel 1 (DB2).
zPDDB	INT	8	(IBM Name: ST33PDDB) Number of bytes of primary object data deleted from disk sublevel 1 (DB2).
zPOWB	INT	8	(IBM Name: ST33POWB) Number of bytes of primary object data written to optical.
zPORB	INT	8	(IBM Name: ST33PORB) Number of bytes of primary object data read from optical.
zPODB	INT	8	(IBM Name: ST33PODB) Number of bytes of primary object data deleted from optical.
zPTWB	INT	8	(IBM Name: ST33PTWB) Number of bytes of primary object data written to tape.
zPTRB	INT	8	(IBM Name: ST33PTRB) Number of bytes of primary object data read from tape.
zPTDB	INT	8	(IBM Name: ST33PTDB) Number of bytes of primary object data deleted from tape.
zBOWB	INT	8	(IBM Name: ST33BOWB) Number of bytes of backup object data written to optical.
zBORB	INT	8	(IBM Name: ST33BORB) Number of bytes of backup object data read from optical.
zBODB	INT	8	(IBM Name: ST33BODB) Number of bytes of backup object data deleted from optical.
zBTWB	INT	8	(IBM Name: ST33BTWB) Number of bytes of backup object data written to tape.
zBTRB	INT	8	(IBM Name: ST33PTRB) Number of bytes of backup object data read from tape.
zBTDB	INT	8	(IBM Name: ST33BTDB) Number of bytes of backup object data deleted from tape.
zB2OWB	INT	8	(IBM Name: ST33B2OWB) Number of bytes of BACKUP2 objects written to optical.
zB2ORB	INT	8	(IBM Name: ST33B2ORB) Number of bytes of BACKUP2 objects read from optical.
zB2ODB	INT	8	(IBM Name: ST33B2ODB) Number of bytes of BACKUP2 objects deleted from optical.
zB2TWB	INT	8	(IBM Name: ST33B2TWB) Number of bytes of BACKUP2 objects written to tape.
zB2TRB	INT	8	(IBM Name: ST33B2TRB) Number of bytes of BACKUP2 objects read from tape.
zB2TDB	INT	8	(IBM Name: ST33B2TDB) Number of bytes of BACKUP2 objects logically deleted from tape.
zRCLB	INT	8	(IBM Name: ST33RCLB) Zero.
zPUWB	INT	8	(IBM Name: ST33PUWB) Number of bytes of primary objects written to tape sublevel 2.
zPURB	INT	8	(IBM Name: ST33PURB) Number of bytes of primary objects read from tape sublevel 2.
zPUDB	INT	8	(IBM Name: ST33PUDB) Number of bytes of objects deleted from tape sublevel 2.
zPEWB	INT	8	(IBM Name: ST33PEWB) Number of bytes of primary objects written to disk sublevel 2 (file system).
zPERB	INT	8	(IBM Name: ST33PERB) Number of bytes of primary objects read from disk sublevel 2 (file system).
zPEDB	INT	8	(IBM Name: ST33PEDB) Number of bytes of primary objects deleted from disk sublevel 2 (file

			system).
zBOAO	INT	4	(IBM Name: ST33BOAO) Zero.
zB2OAO	INT	4	(IBM Name: ST33B2OAO) Zero.
zBTAO	INT	4	(IBM Name: ST33BTAO) Zero.
zB2TAO	INT	4	(IBM Name: ST33B2TAO) Zero.
zBOAB	INT	8	(IBM Name: ST33BOAB) Zero.
zB2OAB	INT	8	(IBM Name: ST33B2OAB) Zero.
zBTAB	INT	8	(IBM Name: ST33BTAB) Zero.
zB2TAB	INT	8	(IBM Name: ST33B2TAB) Zero.

Secondary segment: SMF085_34_OSMC_Volume_Recovery_Utility

Field Name	Type	Len	Description
<i>SMF085_34_OSMC_Volume_Recovery_Utility.<fieldname></i>			
zSGN	CHAR	8	(IBM Name: ST34SGN) Object or Object Backup storage group name.
zVSN0	CHAR	6	(IBM Name: ST34VSN0) Volume serial number of a tape or optical volume. If the RECYCLE or DELETE option was specified, this field lists the volume serial number for the volume being recycled or deleted, and field ST34VSN1 lists the volume serial number for the opposite side of the optical volume.
zVSN1	CHAR	6	(IBM Name: ST34VSN1) Volume serial number of the opposite side of the optical volume. If the volume serial number contained in field ST34VSN0 is the volume serial number of a tape volume, this field contains blanks. If the volume serial number contained in field ST34VSN0 is the volume serial number of a tape volume, this field contains 'N/A'. If the RECYCLE or DELETE option was specified, this field lists the volume serial number of the opposite side of the optical platter.
zold	CHAR	2	(IBM Name: ST34VMT) Volume media type. This field contains the media type of the volume whose volume serial number is in field zVSN0. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.

zPDWO	INT	4	(IBM Name: ST34PDWO) Number of primary objects written to disk sublevel 1 (DB2).
zPDWK	INT	4	(IBM Name: ST34PDWK) Number of kilobytes of primary object data written to disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDRO	INT	4	(IBM Name: ST34PDRO) Number of primary objects read from disk sublevel 1 (DB2).
zPDRK	INT	4	(IBM Name: ST34PDRK) Number of kilobytes of primary object data read from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDDO	INT	4	(IBM Name: ST34PDDO) Number of primary objects deleted from disk sublevel 1 (DB2).
zPDDK	INT	4	(IBM Name: ST34PDDK) Number of kilobytes of primary object data deleted from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPOWO	INT	4	(IBM Name: ST34POWO) Number of primary objects written to optical.
zPOWK	INT	4	(IBM Name: ST34POWK) Number of kilobytes of primary object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zPORO	INT	4	(IBM Name: ST34PORO) Number of primary objects read from optical.
zPORK	INT	4	(IBM Name: ST34PORK) Number of kilobytes of primary object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPODO	INT	4	(IBM Name: ST34PODO) Number of primary objects deleted from optical.
zPODK	INT	4	(IBM Name: ST34PODK) Number of kilobytes of primary object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPTWO	INT	4	(IBM Name: ST34PTWO) Number of primary objects written to tape.
zPTWK	INT	4	(IBM Name: ST34PTWK) Number of kilobytes of primary object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTRO	INT	4	(IBM Name: ST34PTRO) Number of primary objects read from tape.
zPTRK	INT	4	(IBM Name: ST34PTRK) Number of kilobytes of primary object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTDO	INT	4	(IBM Name: ST34PTDO) Number of primary objects deleted from tape.
zPTDK	INT	4	(IBM Name: ST34PTDK) Number of kilobytes of primary object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBOWO	INT	4	(IBM Name: ST34BOWO) Number of backup objects written to optical.
zBOWK	INT	4	(IBM Name: ST34BOWK) Number of kilobytes of backup object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zBORO	INT	4	(IBM Name: ST34BORO) Number of backup objects read from optical.
zBORK	INT	4	(IBM Name: ST34BORK) Number of kilobytes of backup object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBODO	INT	4	(IBM Name: ST34BODO) Number of backup objects deleted from optical.
zBODK	INT	4	(IBM Name: ST34BODK) Number of kilobytes of backup object data deleted from optical.

			X'FFFFFFFF' indicates the counter has overflowed.
zBTWO	INT	4	(IBM Name: ST34BTWO) Number of backup objects written to tape.
zBTWK	INT	4	(IBM Name: ST34BTWK) Number of kilobytes of backup object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTRO	INT	4	(IBM Name: ST34BTRO) Number of backup objects read from tape.
zBTRK	INT	4	(IBM Name: ST34BTRK) Number of kilobytes of backup object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTDO	INT	4	(IBM Name: ST34BTDO) Number of backup objects deleted from tape.
zBTDK	INT	4	(IBM Name: ST34BTDK) Number of kilobytes of backup object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2OWO	INT	4	(IBM Name: ST34B2OWO) Number of BACKUP2 objects written to optical.
zB2OWK	INT	4	(IBM Name: ST34B2OWK) Number of kilobytes of BACKUP2 objects written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ORO	INT	4	(IBM Name: ST34B2ORO) Number of BACKUP2 objects read from optical.
zB2ORK	INT	4	(IBM Name: ST34B2ORK) Number of rows kilobytes of BACKUP2 objects read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ODO	INT	4	(IBM Name: ST34B2ODO) Number of BACKUP2 objects deleted from optical.
zB2ODK	INT	4	(IBM Name: ST34B2ODK) Number of kilobytes of BACKUP2 objects deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2TWO	INT	4	(IBM Name: ST34B2TWO) Number of BACKUP2 objects written to tape.
zB2TWK	INT	4	(IBM Name: ST34B2TWK) Number of kilobytes of BACKUP2 objects written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TRO	INT	4	(IBM Name: ST34B2TRO) Number of BACKUP2 objects read from tape.
zB2TRK	INT	4	(IBM Name: ST34B2TRK) Number of kilobytes of BACKUP2 objects read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TDO	INT	4	(IBM Name: ST34B2TDO) Number of BACKUP2 objects logically deleted from tape.
zB2TDK	INT	4	(IBM Name: ST34B2TDK) Number of kilobytes of BACKUP2 objects logically deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zDTUP	INT	4	(IBM Name: ST34DTUP) Number of rows updated in the object directory table.
zDTDE	INT	4	(IBM Name: ST34DTDE) Number of rows deleted from the object directory table.
z4KIN	INT	4	(IBM Name: ST344KIN) Number of rows inserted into the 4 KB object storage table.
z4KDE	INT	4	(IBM Name: ST344KDE) Number of rows deleted from the 4 KB object storage table.
z32KI	INT	4	(IBM Name: ST3432KI) Number of rows inserted into the 32 KB object storage table.
z32KD	INT	4	(IBM Name: ST3432KD) Number of rows deleted from the 32 KB object storage table.

zNCE	INT	4	(IBM Name: ST34NCE) Zero.
------	-----	---	------------------------------

SMF085_34_OSMC_Volume_Recovery_Utility.zFLGS.<fieldname>

zMOVEVOL	BIT	1	The MOVEVOL was invoked automatically under software control as a result of RECYCLE.
zOAMSTART	BIT	1	This process was invoked by a MODIFY OAM,START command issued from an MVS console.
zISMF	BIT	1	This process was invoked using an ISMF line operator.
zBACKUP1	BIT	1	Volume recovery was invoked with the BACKUP1 keyword or defaulted to BACKUP1. Note: optional parameters BACKUP1 and BACKUP2 are ignored when recovering a backup volume.
zBACKUP2	BIT	1	Volume recovery was invoked with the BACKUP2 keyword.
zDELETE	BIT	1	The DELETE option was specified for the RECOVER or MOVEVOL utility.
zRECYCLE	BIT	1	The RECYCLE option was specified for the MOVEVOL utility.
zSG	BIT	1	The Object storage group was processed.
zSGBU	BIT	1	The Object Backup storage group was processed.
zCYCLE	BIT	1	The storage group cycle ended because the CYCLE END TIME was exceeded.
zDELBU	BIT	1	Automatic backup deletion was enabled during the storage group cycle.

SMF085_34_OSMC_Volume_Recovery_Utility.<fieldname>

zNTE	INT	4	(IBM Name: ST34NTE) Zero.
zRCLD	INT	4	(IBM Name: ST34RCLD) Zero.
zRCLK	INT	4	(IBM Name: ST34RCLK) Zero.
zLOBI	INT	4	(IBM Name: ST34LOBI) Number of rows inserted into the LOB storage structure.
zLOBD	INT	4	(IBM Name: ST34LOBD) Number of rows deleted from the LOB storage structure.
zPUWO	INT	4	(IBM Name: ST34PUWO) Number of primary objects written to tape sublevel 2.
zPUWK	INT	4	(IBM Name: ST34PUWK) Number of kilobytes of primary objects written to tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPURO	INT	4	(IBM Name: ST34PURO) Number of primary objects read from tape sublevel 2.
zPURK	INT	4	(IBM Name: ST34PURK) Number of kilobytes of primary objects read from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPUDO	INT	4	(IBM Name: ST34PUDO) Number of primary objects deleted from tape sublevel 2.
zPUDK	INT	4	(IBM Name: ST34PUDK) Number of kilobytes of primary object data deleted from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPEWO	INT	4	(IBM Name: ST34PEWO) Number of primary objects written to disk sublevel 2 (file system).
zPERO	INT	4	(IBM Name: ST34PERO) Number of primary objects read from disk sublevel 2 (file system).
zPEDO	INT	4	(IBM Name: ST34PEDO) Number of primary objects deleted from disk sublevel 2 (file system).
zPDWB	INT	4	(IBM Name: ST34PDWB) Number of bytes of primary object data written to disk sublevel 1 (DB2).

zPDRB	INT	8	(IBM Name: ST34PDRB) Number of bytes of primary object data read from disk sublevel 1 (DB2).
zPDDB	INT	8	(IBM Name: ST34PDDB) Number of bytes of primary object data deleted from disk sublevel 1 (DB2).
zPOWB	INT	8	(IBM Name: ST34POWB) Number of bytes of primary object data written to optical.
zPORB	INT	8	(IBM Name: ST34PORB) Number of bytes of primary object data read from optical.
zPODB	INT	8	(IBM Name: ST34PODB) Number of bytes of primary object data deleted from optical.
zPTWB	INT	8	(IBM Name: ST34PTWB) Number of bytes of primary object data written to tape.
zPTRB	INT	8	(IBM Name: ST34PTRB) Number of bytes of primary object data read from tape.
zPTDB	INT	8	(IBM Name: ST34PTDB) Number of bytes of primary object data deleted from tape.
zBOWB	INT	8	(IBM Name: ST34BOWB) Number of bytes of backup object data written to optical.
zBORB	INT	8	(IBM Name: ST34BORB) Number of bytes of backup object data read from optical.
zBODB	INT	8	(IBM Name: ST34BODB) Number of bytes of backup object data deleted from optical.
zBTWB	INT	8	(IBM Name: ST34BTWB) Number of bytes of backup object data written to tape.
zBTRB	INT	8	(IBM Name: ST34PTRB) Number of bytes of backup object data read from tape.
zBTDB	INT	8	(IBM Name: ST34BTDB) Number of bytes of backup object data deleted from tape.
zB2OWB	INT	8	(IBM Name: ST34B2OWB) Number of bytes of BACKUP2 objects written to optical.
zB2ORB	INT	8	(IBM Name: ST34B2ORB) Number of bytes of BACKUP2 objects read from optical.
zB2ODB	INT	8	(IBM Name: ST34B2ODB) Number of bytes of BACKUP2 objects deleted from optical.
zB2TWB	INT	8	(IBM Name: ST34B2TWB) Number of bytes of BACKUP2 objects written to tape.
zB2TRB	INT	8	(IBM Name: ST34B2TRB) Number of bytes of BACKUP2 objects read from tape.
zB2TDB	INT	8	(IBM Name: ST34B2TDB) Number of bytes of BACKUP2 objects logically deleted from tape.
zRCLB	INT	8	(IBM Name: ST34RCLB) Zero.
zPUWB	INT	8	(IBM Name: ST34PUWB) Number of bytes of primary objects written to tape sublevel 2.
zPURB	INT	8	(IBM Name: ST34PURB) Number of bytes of primary objects read from tape sublevel 2.
zPUDB	INT	8	(IBM Name: ST34PUDB) Number of bytes of objects deleted from tape sublevel 2.
zPEWB	INT	8	(IBM Name: ST34PEWB) Number of bytes of primary objects written to disk sublevel 2 (file system).
zPERB	INT	8	(IBM Name: ST34PERB) Number of bytes of primary objects read from disk sublevel 2 (file system).
zPEDB	INT	8	(IBM Name: ST34PEDB) Number of bytes of primary objects deleted from disk sublevel 2 (file system).
zBOAO	INT	4	

			(IBM Name: ST34BOAO) Zero.
zB2OAO	INT	4	(IBM Name: ST34B2OAO) Zero.
zBTAO	INT	4	(IBM Name: ST34BTAO) Zero.
zB2TAO	INT	4	(IBM Name: ST34B2TAO) Zero.
zBOAB	INT	8	(IBM Name: ST34BOAB) Zero.
zB2OAB	INT	8	(IBM Name: ST34B2OAB) Zero.
zBTAB	INT	8	(IBM Name: ST34BTAB) Zero.
zB2TAB	INT	8	(IBM Name: ST34B2TAB) Zero.

Secondary segment: **SMF085_35_OSMC_Move_Volume_Utility**

Field Name	Type	Len	Description
<i>SMF085_35_OSMC_Move_Volume_Utility.<fieldname></i>			
zSGN	CHAR	8	(IBM Name: ST35SGN) Object or Object Backup storage group name.
zVSN0	CHAR	6	(IBM Name: ST35VSN0) Volume serial number of a tape or optical volume. If the RECYCLE or DELETE option was specified, this field lists the volume serial number for the volume being recycled or deleted, and field ST35VSN1 lists the volume serial number for the opposite side of the optical volume.
zVSN1	CHAR	6	(IBM Name: ST35VSN1) Volume serial number of the opposite side of the optical volume. If the volume serial number contained in field ST35VSN0 is the volume serial number of a tape volume, this field contains blanks. If the volume serial number contained in field ST35VSN0 is the volume serial number of a tape volume, this field contains 'N/A'. If the RECYCLE or DELETE option was specified, this field lists the volume serial number of the opposite side of the optical platter.
zold	CHAR	2	(IBM Name: ST35VMT) Volume media type. This field contains the media type of the volume whose volume serial number is in field zVSN0. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zPDWO	INT	4	(IBM Name: ST35PDWO) Number of primary objects written to disk sublevel 1 (DB2).

zPDWK	INT	4	(IBM Name: ST35PDWK) Number of kilobytes of primary object data written to disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDRO	INT	4	(IBM Name: ST35PDRO) Number of primary objects read from disk sublevel 1 (DB2).
zPDRK	INT	4	(IBM Name: ST35PDRK) Number of kilobytes of primary object data read from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPDDO	INT	4	(IBM Name: ST35PDDO) Number of primary objects deleted from disk sublevel 1 (DB2).
zPDDK	INT	4	(IBM Name: ST35PDDK) Number of kilobytes of primary object data deleted from disk sublevel 1 (DB2). X'FFFFFFFF' indicates the counter has overflowed.
zPOWO	INT	4	(IBM Name: ST35POWO) Number of primary objects written to optical.
zPOWK	INT	4	(IBM Name: ST35POWK) Number of kilobytes of primary object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zPORO	INT	4	(IBM Name: ST35PORO) Number of primary objects read from optical.
zPORK	INT	4	(IBM Name: ST35PORK) Number of kilobytes of primary object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPODO	INT	4	(IBM Name: ST35PODO) Number of primary objects deleted from optical.
zPODK	INT	4	(IBM Name: ST35PODK) Number of kilobytes of primary object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zPTWO	INT	4	(IBM Name: ST35PTWO) Number of primary objects written to tape.
zPTWK	INT	4	(IBM Name: ST35PTWK) Number of kilobytes of primary object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTRO	INT	4	(IBM Name: ST35PTRO) Number of primary objects read from tape.
zPTRK	INT	4	(IBM Name: ST35PTRK) Number of kilobytes of primary object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zPTDO	INT	4	(IBM Name: ST35PTDO) Number of primary objects deleted from tape.
zPTDK	INT	4	(IBM Name: ST35PTDK) Number of kilobytes of primary object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBOWO	INT	4	(IBM Name: ST35BOWO) Number of backup objects written to optical.
zBOWK	INT	4	(IBM Name: ST35BOWK) Number of kilobytes of backup object data written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zBORO	INT	4	(IBM Name: ST35BORO) Number of backup objects read from optical.
zBORK	INT	4	(IBM Name: ST35BORK) Number of kilobytes of backup object data read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBODO	INT	4	(IBM Name: ST35BODO) Number of backup objects deleted from optical.
zBODK	INT	4	(IBM Name: ST35BODK) Number of kilobytes of backup object data deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zBTWO	INT	4	

			(IBM Name: ST35BTWO) Number of backup objects written to tape.
zBTWK	INT	4	(IBM Name: ST35BTWK) Number of kilobytes of backup object data written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTRO	INT	4	(IBM Name: ST35BTRO) Number of backup objects read from tape.
zBTRK	INT	4	(IBM Name: ST35BTRK) Number of kilobytes of backup object data read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zBTDO	INT	4	(IBM Name: ST35BTDO) Number of backup objects deleted from tape.
zBTDK	INT	4	(IBM Name: ST35BTDK) Number of kilobytes of backup object data deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2OWO	INT	4	(IBM Name: ST35B2OWO) Number of BACKUP2 objects written to optical.
zB2OWK	INT	4	(IBM Name: ST35B2OWK) Number of kilobytes of BACKUP2 objects written to optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ORO	INT	4	(IBM Name: ST35B2ORO) Number of BACKUP2 objects read from optical.
zB2ORK	INT	4	(IBM Name: ST35B2ORK) Number of rows kilobytes of BACKUP2 objects read from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2ODO	INT	4	(IBM Name: ST35B2ODO) Number of BACKUP2 objects deleted from optical.
zB2ODK	INT	4	(IBM Name: ST35B2ODK) Number of kilobytes of BACKUP2 objects deleted from optical. X'FFFFFFFF' indicates the counter has overflowed.
zB2TWO	INT	4	(IBM Name: ST35B2TWO) Number of BACKUP2 objects written to tape.
zB2TWK	INT	4	(IBM Name: ST35B2TWK) Number of kilobytes of BACKUP2 objects written to tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TRO	INT	4	(IBM Name: ST35B2TRO) Number of BACKUP2 objects read from tape.
zB2TRK	INT	4	(IBM Name: ST35B2TRK) Number of kilobytes of BACKUP2 objects read from tape. X'FFFFFFFF' indicates the counter has overflowed.
zB2TDO	INT	4	(IBM Name: ST35B2TDO) Number of BACKUP2 objects logically deleted from tape.
zB2TDK	INT	4	(IBM Name: ST35B2TDK) Number of kilobytes of BACKUP2 objects logically deleted from tape. X'FFFFFFFF' indicates the counter has overflowed.
zDTUP	INT	4	(IBM Name: ST35DTUP) Number of rows updated in the object directory table.
zDTDE	INT	4	(IBM Name: ST35DTDE) Number of rows deleted from the object directory table.
z4KIN	INT	4	(IBM Name: ST354KIN) Number of rows inserted into the 4 KB object storage table.
z4KDE	INT	4	(IBM Name: ST354KDE) Number of rows deleted from the 4 KB object storage table.
z32KI	INT	4	(IBM Name: ST3532KI) Number of rows inserted into the 32 KB object storage table.
z32KD	INT	4	(IBM Name: ST3532KD) Number of rows deleted from the 32 KB object storage table.
zNCE	INT	4	(IBM Name: ST35NCE) Zero.

SMF085_35_OSMC_Move_Volume_Utility.zFLGS.<fieldname>			
zMOVEVOL	BIT	1	The MOVEVOL was invoked automatically under software control as a result of RECYCLE.
zOAMSTART	BIT	1	This process was invoked by a MODIFY OAM,START command issued from an MVS console.
zISMF	BIT	1	This process was invoked using an ISMF line operator.
zBACKUP1	BIT	1	Volume recovery was invoked with the BACKUP1 keyword or defaulted to BACKUP1.
zBACKUP2	BIT	1	Volume recovery was invoked with the BACKUP2 keyword.
zDELETE	BIT	1	The DELETE option was specified for the RECOVER or MOVEVOL utility.
zRECYCLE	BIT	1	The RECYCLE option was specified for the MOVEVOL utility.
zSG	BIT	1	The Object storage group was processed.
zSGBU	BIT	1	The Object Backup storage group was processed.
zCYCLE	BIT	1	The storage group cycle ended because the CYCLE END TIME was exceeded.
zDELBU	BIT	1	Automatic backup deletion was enabled during the storage group cycle.

SMF085_35_OSMC_Move_Volume_Utility.<fieldname>			
zNTE	INT	4	(IBM Name: ST35NTE) Zero.
zRCLD	INT	4	(IBM Name: ST35RCLD) Zero.
zRCLK	INT	4	(IBM Name: ST35RCLK) Zero.
zLOBI	INT	4	(IBM Name: ST35LOBI) Number of rows inserted into the LOB storage structure.
zLOBD	INT	4	(IBM Name: ST35LOBD) Number of rows deleted from the LOB storage structure.
zPUWO	INT	4	(IBM Name: ST35PUWO) Number of primary objects written to tape sublevel 2.
zPUWK	INT	4	(IBM Name: ST35PUWK) Number of kilobytes of primary objects written to tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPURO	INT	4	(IBM Name: ST35PURO) Number of primary objects read from tape sublevel 2.
zPURK	INT	4	(IBM Name: ST35PURK) Number of kilobytes of primary objects read from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPUDO	INT	4	(IBM Name: ST35PUDO) Number of primary objects deleted from tape sublevel 2.
zPUDK	INT	4	(IBM Name: ST35PUDK) Number of kilobytes of primary object data deleted from tape sublevel 2. X'FFFFFFFF' indicates the counter has overflowed.
zPEWO	INT	4	(IBM Name: ST35PEWO) Number of primary objects written to disk sublevel 2 (file system).
zPERO	INT	4	(IBM Name: ST35PERO) Number of primary objects read from disk sublevel 2 (file system).
zPEDO	INT	4	(IBM Name: ST35PEDO) Number of primary objects deleted from disk sublevel 2 (file system).
zPDWB	INT	4	(IBM Name: ST35PDWB) Number of bytes of primary object data written to disk sublevel 1 (DB2).
zPDRB	INT	8	(IBM Name: ST35PDRB) Number of bytes of primary object data read from disk sublevel 1 (DB2).
zPddb	INT	8	

			(IBM Name: ST35PDDB) Number of bytes of primary object data deleted from disk sublevel 1 (DB2).
zPOWB	INT	8	(IBM Name: ST35POWB) Number of bytes of primary object data written to optical.
zPORB	INT	8	(IBM Name: ST35PORB) Number of bytes of primary object data read from optical.
zPODB	INT	8	(IBM Name: ST35PODB) Number of bytes of primary object data deleted from optical.
zPTWB	INT	8	(IBM Name: ST35PTWB) Number of bytes of primary object data written to tape.
zPTRB	INT	8	(IBM Name: ST35PTRB) Number of bytes of primary object data read from tape.
zPTDB	INT	8	(IBM Name: ST35PTDB) Number of bytes of primary object data deleted from tape.
zBOWB	INT	8	(IBM Name: ST35BOWB) Number of bytes of backup object data written to optical.
zBORB	INT	8	(IBM Name: ST35BORB) Number of bytes of backup object data read from optical.
zBODB	INT	8	(IBM Name: ST35BODB) Number of bytes of backup object data deleted from optical.
zBTWB	INT	8	(IBM Name: ST35BTWB) Number of bytes of backup object data written to tape.
zBTRB	INT	8	(IBM Name: ST35PTRB) Number of bytes of backup object data read from tape.
zBTDB	INT	8	(IBM Name: ST35BTDB) Number of bytes of backup object data deleted from tape.
zB2OWB	INT	8	(IBM Name: ST35B2OWB) Number of bytes of BACKUP2 objects written to optical.
zB2ORB	INT	8	(IBM Name: ST35B2ORB) Number of bytes of BACKUP2 objects read from optical.
zB2ODB	INT	8	(IBM Name: ST35B2ODB) Number of bytes of BACKUP2 objects deleted from optical.
zB2TWB	INT	8	(IBM Name: ST35B2TWB) Number of bytes of BACKUP2 objects written to tape.
zB2TRB	INT	8	(IBM Name: ST35B2TRB) Number of bytes of BACKUP2 objects read from tape.
zB2TDB	INT	8	(IBM Name: ST35B2TDB) Number of bytes of BACKUP2 objects logically deleted from tape.
zRCLB	INT	8	(IBM Name: ST35RCLB) Zero.
zPUWB	INT	8	(IBM Name: ST35PUWB) Number of bytes of primary objects written to tape sublevel 2.
zPURB	INT	8	(IBM Name: ST35PURB) Number of bytes of primary objects read from tape sublevel 2.
zPUDB	INT	8	(IBM Name: ST35PUDB) Number of bytes of objects deleted from tape sublevel 2.
zPEWB	INT	8	(IBM Name: ST35PEWB) Number of bytes of primary objects written to disk sublevel 2 (file system).
zPERB	INT	8	(IBM Name: ST35PERB) Number of bytes of primary objects read from disk sublevel 2 (file system).
zPEDB	INT	8	(IBM Name: ST35PEDB) Number of bytes of primary objects deleted from disk sublevel 2 (file system).
zBOAO	INT	4	(IBM Name: ST35BOAO) Zero.
zB2OAO	INT	4	

			(IBM Name: ST35B2OAO) Zero.
zBTAO	INT	4	(IBM Name: ST35BTAO) Zero.
zB2TAO	INT	4	(IBM Name: ST35B2TAO) Zero.
zBOAB	INT	8	(IBM Name: ST35BOAB) Zero.
zB2OAB	INT	8	(IBM Name: ST35B2OAB) Zero.
zBTAB	INT	8	(IBM Name: ST35BTAB) Zero.
zB2TAB	INT	8	(IBM Name: ST35B2TAB) Zero.

Secondary segment: SMF085_36_OSMC_Single_Object_Recovery_Utility

Field Name	Type	Len	Description
<i>SMF085_36_OSMC_Single_Object_Recovery_Utility.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST36COLN) Collection name.
zCNID	INT	4	(IBM Name: ST36CNID) Collection ID.
zOBJN	CHAR	44	(IBM Name: ST36OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST36SGN) OBJECT storage group name.
zOLEN	INT	4	(IBM Name: ST36OLEN) Object length.
zBVSN	CHAR	6	(IBM Name: ST36BVSN) Volume serial number of the optical or tape volume from which the backup copy of the object was read. The backup copy can be either the first or the second backup copy as determined by options specified on the F OAM,START,OBJRECV command. The options are: BACKUP1 BACKUP2.
zBMT	CHAR	2	(IBM Name: ST36BMT) Media type of volume from which the backup copy of the object was read. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zBTKN	HEX	4	

			(IBM Name: ST36BTKN) Volume location token associated with the backup copy of the object on the volume specified in the ST36BVSN field.
zTVSN	CHAR	6	(IBM Name: ST36TVSN) Volume serial number of the target optical or tape volume to which the new primary copy of the object was written. This field contains blanks if the new location is on a disk sublevel.
zTMT	CHAR	2	(IBM Name: ST36TMT) Media type of target optical or tape volume to which the new primary copy of the object was written. This field contains blanks if the new primary copy of the object was written to a disk sublevel. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOVSN	CHAR	6	(IBM Name: ST36OVSN) Volume serial number of the original optical or tape volume on which the primary copy of the object resided prior to the start of the single object recovery utility. This field contains blanks if the original location was on a disk sublevel.
zOMT	CHAR	2	(IBM Name: ST36OMT) Media type of the original optical or tape volume on which the primary copy of the object resided prior to the start of the single object recovery utility. This field contains blanks if the primary copy of the object resides on a disk sublevel. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.

SMF085_36_OSMC_Single_Object_Recovery_Utility.zFLGS.<fieldname>

zBACKUP1	BIT	1	Object recovery was invoked with the BACKUP1 keyword or defaulted to BACKUP1.
zBACKUP2	BIT	1	Object recovery was invoked with the BACKUP2 keyword.

SMF085_36_OSMC_Single_Object_Recovery_Utility.<fieldname>

zDSL	INT	2	(IBM Name: ST36DSL) Disk sublevel associated with the recovered object. This field is valid only when the ST36TVSN field contains blanks. 01 => Recovered object on disk sublevel 1 (DB2). 02 => Recovered object on disk sublevel 2 (file system).
------	-----	---	--

Secondary segment: SMF085_37_OSMC_Library_Space_Management

Field Name	Type	Len	Description
<i>SMF085_37_OSMC_Library_Space_Management.<fieldname></i>			
zLIBN	CHAR	8	(IBM Name: ST37LIBN) Library name.
zLIBD	CHAR	8	(IBM Name: ST37LIBD) Library device type.
zNOCE	INT	4	(IBM Name: ST37NOCE) Number of optical disk cartridges ejected.

<i>SMF085_37_OSMC_Library_Space_Management.zFLGS.<fieldname></i>			
zAUTO	BIT	1	Library space management is invoked automatically under software control due to a storage group out-of-space condition in the specified library.
zCMD	BIT	1	Library space management is invoked by a FOAM, START, LIBMGT command issued from an MVS console.

Secondary segment: SMF085_38_OSMC_Single_Object_Recall_UTILITY

Field Name	Type	Len	Description
<i>SMF085_38_OSMC_Single_Object_Recall_UTILITY.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST38COLN) Collection name.
zCNID	INT	4	(IBM Name: ST38CNID) Collection ID.
zOBJN	CHAR	44	(IBM Name: ST38OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST38SGN) Object storage group name.
zOLEN	INT	4	(IBM Name: ST38OLEN) Object length.
zVSN	CHAR	6	(IBM Name: ST38VSN) Volume serial number of the optical or tape volume from which the copy of the object was read.
zMT	CHAR	2	(IBM Name: ST38MT) Media type of volume from which the copy of the object was read. &MTypeC%
zTKN	HEX	4	(IBM Name: ST38TKN) Volume location token associated with the copy of the object on the volume specified in the ST36BVSN field.
zRCLD	INT	4	(IBM Name: ST38RCLD) Number of days specified for object recall.
zVT	CHAR	1	(IBM Name: ST38VT) Volume type: G => Volume is a grouped volume belonging to an OBJECT storage group. B => Volume is a backup volume belonging to an OBJECT BACKUP storage group.

zBT	CHAR	1	(IBM Name: ST38BT) Backup type: 1 => Volume belonging to a backup one OBJECT BACKUP storage group. 2 => Volume belonging to a backup two OBJECT BACKUP storage group.
zDSL	CHAR	2	(IBM Name: ST38DSL) Disk sublevel associated with the recalled object. 1 => Recalled object on disk sublevel 1 (DB2). 2 => Recalled object on disk sublevel 2 (file system).

SMF085_38_OSMC_Single_Object_Recall_Utility.zFLGS.<fieldname>

zSuccess	BIT	1	Object Recall was successful.
----------	-----	---	-------------------------------

Secondary segment: SMF085_39_OSMC_Immediate_Backup

Field Name	Type	Len	Description
<i>SMF085_39_OSMC_Immediate_Backup.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST39COLN) Collection name.
zCNID	INT	4	(IBM Name: ST39CNID) Collection ID.
zOBJN	CHAR	44	(IBM Name: ST39OBJN) Object name.
zSGN	CHAR	8	(IBM Name: ST39SGN) OBJECT storage group name.
zMCN	CHAR	8	(IBM Name: ST39MCN) Management Class name.
zOLEN	INT	4	(IBM Name: ST39OLEN) Object length.
zSVSN	CHAR	6	(IBM Name: ST39SVSN) Source Volume serial number of the optical or tape volume on which the primary object was read. Only valid if zTape or zOptical (bit 1 or 2) is ON in field ST39FLGS.
zSMT	CHAR	2	(IBM Name: ST39SMT) Source volume Media type. Only valid if zTape or zOptical (bit 1 or 2) is ON in field ST39FLGS. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zTVSN	CHAR	6	(IBM Name: ST39TVSN) Target Volume serial number of the optical or tape volume on which the backup copy of the object was written.
zTMT	CHAR	2	(IBM Name: ST39TMT) Target Volume Media type: Refer to ST39SMT for the values.

zBTKN	HEX	4	(IBM Name: ST39BTKN) Volume location token on the ST39TVSN.
-------	-----	---	--

SMF085_39_OSMC_Immediate_Backup.zFLGS.<fieldname>			
zDisk	BIT	1	The primary copy is stored to disk.
zOptical	BIT	1	The primary copy is stored to optical.
zTape	BIT	1	The primary copy is stored to tape.
zBUOptical	BIT	1	The backup copy is stored to optical.
zBUTape	BIT	1	The backup copy is stored to tape.
zSuccess	BIT	1	Write to backup was successful.
zSL1	BIT	1	The primary copy is stored on sublevel 1. When zDisk (bit 0) is on, the primary copy is stored in DB2. When zTape (bit 2) is on, the primary copy is stored to a tape sublevel 1 volume.
zSL2	BIT	1	The primary copy is stored on sublevel 2. When zDisk (bit 0) is on, the primary copy is stored in a file system. When zTape (bit 2) is on, the primary copy is stored to a tape sublevel 2 volume.

Secondary segment: SMF085_40_OSMC_Tape_Recycle

Field Name	Type	Len	Description
<i>SMF085_40_OSMC_Tape_Recycle.<fieldname></i>			
zSTRD	CHAR	10	(IBM Name: ST40STRD) DATE RECYCLE CMD STARTED.
zENDD	CHAR	10	(IBM Name: ST40ENDD) DATE RECYCLE CMD ENDED.
zVOLN	INT	2	(IBM Name: ST40VOLN) NUMBER OF VOLS COMPLETED.
zPCTV	INT	2	(IBM Name: ST40PCTV) PERCENTVALID.
zLIM	INT	2	(IBM Name: ST40LIM) LIMIT.
zSUBL	CHAR	1	(IBM Name: ST40SUBL) TSL-TAPE SUBLEVEL.
zVSN	CHAR	4	(IBM Name: ST40VSN) ARRAY of up to 40 volume serials that are completed.

Secondary segment: SMF085_64_LCS_Optical_Drive_Vary_Online

Field Name	Type	Len	Description
<i>SMF085_64_LCS_Optical_Drive_Vary_Online.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST64OLN) Contains the real optical library name for the operatoraccessible drive.
zOLDT	CHAR	8	(IBM Name: ST64OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST64OLDN) MVS device number corresponding to the optical library.
zODN	CHAR	8	(IBM Name: ST64ODN) Optical drive name.
zODDT	CHAR	8	

			(IBM Name: ST64ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST64ODDN) MVS device number corresponding to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST64VSN0) Volume serial number of the currently mounted volume.
zVSN1	CHAR	6	(IBM Name: ST64VSN1) Volume serial number of the opposite side of the currently mounted volume.
zOMT	CHAR	2	(IBM Name: ST64OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST64ODT) Optical drive type. L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST64OVT) Optical volume type. B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST64SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST64LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST64LDQT) LCS dispatcher-queued time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST64LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST64LTQT) Zero.
zLTPT	INT	4	(IBM Name: ST64LTPT) Zero.
zRC	INT	4	(IBM Name: ST64RC) LCS return code
zRS	INT	4	(IBM Name: ST64RS) LCS reason code.

SMF085_64_LCS_Optical_Drive_Vary_Online.zFLGS.<fieldname>

Secondary segment: **SMF085_65_LCS_Optical_Drive_Vary_Offline**

Field Name	Type	Len	Description
<i>SMF085_65_LCS_Optical_Drive_Vary_Offline.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST65OLN) Contains the real optical library name for the operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST65OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST65OLDN) MVS device number corresponding to the optical library.
zODN	CHAR	8	(IBM Name: ST65ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST65ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST65ODDN) MVS device number corresponding to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST65VSN0) Volume serial number of the currently mounted volume.
zVSN1	CHAR	6	(IBM Name: ST65VSN1) Volume serial number of the opposite side of the currently mounted volume.
zOMT	CHAR	2	(IBM Name: ST65OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST65ODT) Optical drive type. L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST65OVT) Optical volume type. B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST65SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST65LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.

zLDQT	INT	4	(IBM Name: ST65LDQT) LCS dispatcher-queued time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST65LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST65LTQT) Zero.
zLTPT	INT	4	(IBM Name: ST65LTPT) Zero.
zRC	INT	4	(IBM Name: ST65RC) LCS return code
zRS	INT	4	(IBM Name: ST65RS) LCS reason code.

SMF085_65_LCS_Optical_Drive_Vary_Offline.zFLGS.<fieldname>

Secondary segment: SMF085_66_LCS_Optical_Library_Vary_Online

Field Name	Type	Len	Description
<i>SMF085_66_LCS_Optical_Library_Vary_Online.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST66OLN) Contains the real optical library name for the operatoraccessible drive.
zOLDT	CHAR	8	(IBM Name: ST66OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST66OLDN) MVS device number corresponding to the optical library.
zODN	CHAR	8	(IBM Name: ST66ODN) Blanks.
zODDT	CHAR	8	(IBM Name: ST66ODDT) Blanks.
zODDN	HEX	4	(IBM Name: ST66ODDN) Blanks.
zVSN0	CHAR	6	(IBM Name: ST66VSN0) Blanks.
zVSN1	CHAR	6	(IBM Name: ST66VSN1) Blanks.
zOMT	CHAR	2	(IBM Name: ST66OMT) Blanks.
zODT	CHAR	1	(IBM Name: ST66ODT) Blanks.
zOVT	CHAR	1	(IBM Name: ST66OVT) Blanks.
zSGN	CHAR	8	(IBM Name: ST66SGN) Blanks.
zLIQT	INT	4	(IBM Name: ST66LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST66LDQT) LCS dispatcher-queued time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST66LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	

			(IBM Name: ST66LTQT) LCS library task queue time. The amount of time in milliseconds that this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST66LTPT) LCS library task processing time. The amount of time in milliseconds that this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. This is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST66RC) LCS return code
zRS	INT	4	(IBM Name: ST66RS) LCS reason code.

SMF085_66_LCS_Optical_Library_Vary_Online.zFLGS.<fieldname>

Secondary segment: SMF085_67_LCS_Optical_Library_Vary_Offline

Field Name	Type	Len	Description
<i>SMF085_67_LCS_Optical_Library_Vary_Offline.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST67OLN) Contains the real optical library name for the operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST67OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST67OLDN) MVS device number corresponding to the optical library.
zODN	CHAR	8	(IBM Name: ST67ODN) Blanks.
zODDT	CHAR	8	(IBM Name: ST67ODDT) Blanks.
zODDN	HEX	4	(IBM Name: ST67ODDN) Blanks.
zVSN0	CHAR	6	(IBM Name: ST67VSN0) Blanks.
zVSN1	CHAR	6	(IBM Name: ST67VSN1) Blanks.
zOMT	CHAR	2	(IBM Name: ST67OMT) Blanks.
zODT	CHAR	1	(IBM Name: ST67ODT) Blanks.
zOVT	CHAR	1	(IBM Name: ST67OVT) Blanks.
zSGN	CHAR	8	(IBM Name: ST67SGN) Blanks.
zLIQT	INT	4	(IBM Name: ST67LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST67LDQT) LCS dispatcher-queued time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST67LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.

zLTQT	INT	4	(IBM Name: ST67LTQT) LCS library task queue time. The amount of time in milliseconds that this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST67LTPT) LCS library task processing time. The amount of time in milliseconds that this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. This is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST67RC) LCS return code
zRS	INT	4	(IBM Name: ST67RS) LCS reason code.

SMF085_67_LCS_Optical_Library_Vary_Offline.zFLGS.<fieldname>

Secondary segment: SMF085_68_LCS_Optical_Cartridge_Entry

Field Name	Type	Len	Description
<i>SMF085_68_LCS_Optical_Cartridge_Entry.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST68OLN) Optical library name. This field contains the real library name of an operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST68OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST68OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST68ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST68ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST68ODDN) MVS device number that corresponds to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST68VSN0) Volume serial number.
zVSN1	CHAR	6	(IBM Name: ST68VSN1) Volume serial number of the opposite side of the optical disk.
zOMT	CHAR	2	(IBM Name: ST68OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media.

			'31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST68ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST68OVT) Optical volume type: B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST68SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST68LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST68LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST68LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST68LTQT) LCS library task queue time. The amount of time in milliseconds this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST68LTPT) LCS library task processing time. The amount of time in milliseconds this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. That is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST68RC) LCS return code.
zRS	INT	4	(IBM Name: ST68RS) LCS reason code.

SMF085_68_LCS_Optical_Cartridge_Entry.zFLGS.<fieldname>

zEntryFmt0	BIT	1	The volume serial number described by field ST68VSN0 required formatting as part of optical cartridge entry processing.
zEntryFmt1	BIT	1	The volume serial number described by field ST68VSN1 required formatting as part of optical cartridge entry processing.
zUnknown0	BIT	1	The volume serial number described by field ST68VSN0 was not known to OAM at the time of being entered into the optical library. There was no row for this optical disk volume in the Volume table in the OCDB.
zUnknown1	BIT	1	The volume serial number described by field ST68VSN1 was not known to OAM at the time of being entered into the optical library. There was no row for this optical disk volume in the Volume table in the OCDB.

SMF085_68_LCS_Optical_Cartridge_Entry.<fieldname>

zTMNT	INT	4	(IBM Name: ST68TMNT) Zero.
zNOW	INT	4	(IBM Name: ST68NOW) Zero.
zNKBW	INT	4	(IBM Name: ST68NKBW) Zero.

zNOR	INT	4	(IBM Name: ST68NOR) Zero.
zNKBR	INT	4	(IBM Name: ST68NKBR) Zero.
zNOD	INT	4	(IBM Name: ST68NOD) Zero.
zNKBD	INT	4	(IBM Name: ST68NKBD) Zero.

Secondary segment: SMF085_69_LCS_Optical_Cartridge_Eject

Field Name	Type	Len	Description
<i>SMF085_69_LCS_Optical_Cartridge_Eject.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST68OLN) Optical library name. This field contains the real library name of an operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST68OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST68OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST68ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST68ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST68ODDN) MVS device number that corresponds to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST68VSN0) Volume serial number.
zVSN1	CHAR	6	(IBM Name: ST68VSN1) Volume serial number of the opposite side of the optical disk.
zOMT	CHAR	2	(IBM Name: ST68OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST68ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST68OVT) Optical volume type: B => Optical volume is a backup volume belonging to an OBJECT

			BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST68SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST68LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST68LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST68LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST68LTQT) LCS library task queue time. The amount of time in milliseconds this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST68LTPT) LCS library task processing time. The amount of time in milliseconds this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. That is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST68RC) LCS return code.
zRS	INT	4	(IBM Name: ST68RS) LCS reason code.

SMF085_69_LCS_Optical_Cartridge_Eject.zFLGS.<fieldname>

zEJERR	BIT	1	This optical cartridge was automatically ejected by the system due to an error condition known as a system-initiated eject request.
--------	-----	---	---

SMF085_69_LCS_Optical_Cartridge_Eject.<fieldname>

zTMNT	INT	4	(IBM Name: ST68TMNT) Elapsed time in milliseconds that the optical disk volume was mounted.
zNOW	INT	4	(IBM Name: ST68NOW) Number of objects written to this optical disk volume while it was mounted.
zNKBW	INT	4	(IBM Name: ST68NKBW) Number of kilobytes of object data written to this optical disk volume while it was mounted.
zNOR	INT	4	(IBM Name: ST68NOR) Number of objects read from this optical disk volume while it was mounted.
zNKBR	INT	4	(IBM Name: ST68NKBR) Number of kilobytes of object data read from this optical disk volume while it was mounted.
zNOD	INT	4	(IBM Name: ST68NOD) Number of objects deleted from this optical disk volume while it was mounted.
zNKBD	INT	4	(IBM Name: ST68NKBD) Number of kilobytes of object data deleted from this optical disk volume while it was mounted.

Secondary segment: **SMF085_70_LCS_Optical_Cartridge_Label**

Field Name	Type	Len	Description
<i>SMF085_70_LCS_Optical_Cartridge_Label.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST68OLN) Optical library name. This field contains the real library name of an operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST68OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST68OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST68ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST68ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST68ODDN) MVS device number that corresponds to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST68VSN0) Volume serial number.
zVSN1	CHAR	6	(IBM Name: ST68VSN1) Volume serial number of the opposite side of the optical disk.
zOMT	CHAR	2	(IBM Name: ST68OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST68ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST68OVT) Optical volume type: B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST68SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST68LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST68LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	

			(IBM Name: ST68LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST68LTQT) LCS library task queue time. The amount of time in milliseconds this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST68LTPT) LCS library task processing time. The amount of time in milliseconds this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. That is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST68RC) LCS return code.
zRS	INT	4	(IBM Name: ST68RS) LCS reason code.

SMF085_70_LCS_Optical_Cartridge_Label.zFLGS.<fieldname>
SMF085_70_LCS_Optical_Cartridge_Label.<fieldname>

zTMNT	INT	4	(IBM Name: ST68TMNT) Zero.
zNOW	INT	4	(IBM Name: ST68NOW) Zero.
zNKBW	INT	4	(IBM Name: ST68NKBW) Zero.
zNOR	INT	4	(IBM Name: ST68NOR) Zero.
zNKBR	INT	4	(IBM Name: ST68NKBR) Zero.
zNOD	INT	4	(IBM Name: ST68NOD) Zero.
zNKBD	INT	4	(IBM Name: ST68NKBD) Zero.

Secondary segment: SMF085_71_LCS_Optical_Volume_Audit

Field Name	Type	Len	Description
SMF085_71_LCS_Optical_Volume_Audit.<fieldname>			
zOLN	CHAR	8	(IBM Name: ST68OLN) Optical library name. This field contains the real library name of an operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST68OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST68OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST68ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST68ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST68ODDN) MVS device number that corresponds to the optical drive.

zVSN0	CHAR	6	(IBM Name: ST68VSN0) Volume serial number.
zVSN1	CHAR	6	(IBM Name: ST68VSN1) Volume serial number of the opposite side of the optical disk.
zOMT	CHAR	2	(IBM Name: ST68OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST68ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST68OVT) Optical volume type: B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST68SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST68LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST68LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST68LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST68LTQT) LCS library task queue time. The amount of time in milliseconds this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST68LTPT) LCS library task processing time. The amount of time in milliseconds this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. That is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST68RC) LCS return code.
zRS	INT	4	(IBM Name: ST68RS) LCS reason code.

SMF085_71_LCS_Optical_Volume_Audit.zFLGS.<fieldname>			
SMF085_71_LCS_Optical_Volume_Audit.<fieldname>			
zTMNT	INT	4	(IBM Name: ST68TMNT) Zero.
zNOW	INT	4	(IBM Name: ST68NOW) Zero.
zNKBW	INT	4	(IBM Name: ST68NKBW) Zero.
zNOR	INT	4	(IBM Name: ST68NOR) Zero.
zNKBR	INT	4	(IBM Name: ST68NKBR) Zero.
zNOD	INT	4	(IBM Name: ST68NOD) Zero.
zNKBD	INT	4	(IBM Name: ST68NKBD) Zero.

Secondary segment: SMF085_72_LCS_Optical_Volume_Mount

Field Name	Type	Len	Description
SMF085_72_LCS_Optical_Volume_Mount.<fieldname>			
zOLN	CHAR	8	(IBM Name: ST68OLN) Optical library name. This field contains the real library name of an operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST68OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST68OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST68ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST68ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST68ODDN) MVS device number that corresponds to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST68VSN0) Volume serial number.
zVSN1	CHAR	6	(IBM Name: ST68VSN1) Volume serial number of the opposite side of the optical disk.
zOMT	CHAR	2	(IBM Name: ST68OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media.

			'25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST68ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST68OVT) Optical volume type: B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	(IBM Name: ST68SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST68LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST68LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST68LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST68LTQT) LCS library task queue time. The amount of time in milliseconds this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST68LTPT) LCS library task processing time. The amount of time in milliseconds this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. That is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST68RC) LCS return code.
zRS	INT	4	(IBM Name: ST68RS) LCS reason code.

SMF085_72_LCS_Optical_Volume_Mount.zFLGS.<fieldname>

zMountFmt0	BIT	1	The volume serial number described by field ST68VSN0 required formatting as part of the optical volume mount processing.
zMountFmt1	BIT	1	The volume serial number described by field ST68VSN1 required formatting as part of the optical volume mount processing.

SMF085_72_LCS_Optical_Volume_Mount.<fieldname>

zTMNT	INT	4	(IBM Name: ST68TMNT) Zero.
zNOW	INT	4	(IBM Name: ST68NOW) Zero.
zNKBW	INT	4	(IBM Name: ST68NKBW) Zero.
zNOR	INT	4	(IBM Name: ST68NOR) Zero.
zNKBR	INT	4	(IBM Name: ST68NKBR) Zero.
zNOD	INT	4	

			(IBM Name: ST68NOD) Zero.
zNKBD	INT	4	(IBM Name: ST68NKBD) Zero.

Secondary segment: SMF085_73_LCS_Optical_Volume_Demount

Field Name	Type	Len	Description
<i>SMF085_73_LCS_Optical_Volume_Demount.<fieldname></i>			
zOLN	CHAR	8	(IBM Name: ST68OLN) Optical library name. This field contains the real library name of an operator-accessible drive.
zOLDT	CHAR	8	(IBM Name: ST68OLDT) Optical library device type.
zOLDN	HEX	4	(IBM Name: ST68OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST68ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST68ODDT) Optical drive device type.
zODDN	HEX	4	(IBM Name: ST68ODDN) MVS device number that corresponds to the optical drive.
zVSN0	CHAR	6	(IBM Name: ST68VSN0) Volume serial number.
zVSN1	CHAR	6	(IBM Name: ST68VSN1) Volume serial number of the opposite side of the optical disk.
zOMT	CHAR	2	(IBM Name: ST68OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zODT	CHAR	1	(IBM Name: ST68ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST68OVT) Optical volume type: B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group. S => Optical volume is a scratch volume.
zSGN	CHAR	8	

			(IBM Name: ST68SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST68LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST68LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST68LEQT) LCS execution-queue time. The amount of time in milliseconds this request has spent on the LCS executionqueue being processed.
zLTQT	INT	4	(IBM Name: ST68LTQT) LCS library task queue time. The amount of time in milliseconds this request has spent on the LCS library queue waiting to be processed. Normally, this field represents the cartridge transport mechanism wait time. That is, the time spent waiting for the cartridge transport mechanism within the automated optical disk library to become available.
zLTPT	INT	4	(IBM Name: ST68LTPT) LCS library task processing time. The amount of time in milliseconds this request took to be processed by the library task. Normally, this field represents the cartridge transport mechanism service time. That is, the time spent by the cartridge transport mechanism within the automated optical disk library performing mechanical motion to move cartridges within the optical disk library.
zRC	INT	4	(IBM Name: ST68RC) LCS return code.
zRS	INT	4	(IBM Name: ST68RS) LCS reason code.

SMF085_73_LCS_Optical_Volume_Demount.zFLGS.<fieldname>

SMF085_73_LCS_Optical_Volume_Demount.<fieldname>

zTMNT	INT	4	(IBM Name: ST68TMNT) Elapsed time in milliseconds that the optical disk volume was mounted.
zNOW	INT	4	(IBM Name: ST68NOW) Number of objects written to this optical disk volume while it was mounted.
zNKBW	INT	4	(IBM Name: ST68NKBW) Number of kilobytes of object data written to this optical disk volume while it was mounted.
zNOR	INT	4	(IBM Name: ST68NOR) Number of objects read from this optical disk volume while it was mounted.
zNKBR	INT	4	(IBM Name: ST68NKBR) Number of kilobytes of object data read from this optical disk volume while it was mounted.
zNOD	INT	4	(IBM Name: ST68NOD) Number of objects deleted from this optical disk volume while it was mounted.
zNKBD	INT	4	(IBM Name: ST68NKBD) Number of kilobytes of object data deleted from this optical disk volume while it was mounted.

Secondary segment: SMF085_74_LCS_Optical_Write

Field Name	Type	Len	Description
SMF085_74_LCS_Optical_Write.<fieldname>			
zORMN	CHAR	16	(IBM Name: ST74ORMN) OAM request member name.
zOTMN	CHAR	16	

			(IBM Name: ST74OTMN) OAM target member name.
zOLN	CHAR	8	(IBM Name: ST74OLN) Optical library name.
zOLDT	CHAR	8	(IBM Name: ST74OLDT) Optical library device type.
zOLDN	CHAR	4	(IBM Name: ST74OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST74ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST74ODDT) Optical drive device type.
zODDN	CHAR	4	(IBM Name: ST74ODDN) MVS device number that corresponds to the optical drive.
zODT	CHAR	1	(IBM Name: ST74ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST74OVT) Optical volume type. B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST74SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST74LIQT) LCS input-work-queue time. The amount of time in milliseconds that this request has spent on the LCS inputwork-queue waiting for processing.
zLDQT	INT	4	(IBM Name: ST74LDQT) LCS dispatcher-queue time. The amount of time in milliseconds that this request has spent on the LCS dispatcher-queue waiting for processing.
zLEQT	INT	4	(IBM Name: ST74LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue processing.
zLXQT	INT	4	(IBM Name: ST74LXQT) XCF cross system processing-queue time. The amount of time in milliseconds that this request spent being processed on the XCF cross system queue.
zOVMT	INT	4	(IBM Name: ST74OVMT) Optical volume mount time. The amount of time in milliseconds that it took to mount the optical disk volume required by this request. This field is valid if zMountO, zEmpty or zFull (bit 1, 2 or 3) in field ST74FLGS is on.
zOVDT	INT	4	(IBM Name: ST74OVDT) Optical volume demount time. This is the amount of time in milliseconds that it took to demount the optical disk volume that was mounted prior to mounting the optical disk volume required by this request. The field is valid if zFull (bit 3) in field ST74FLGS is on.

SMF085_74_LCS_Optical_Write.zFLGS.<fieldname>

zMount	BIT	1	This request was processed using a mounted optical disk volume and did not require an unmounted optical disk volume to be mounted.
zMountO	BIT	1	This request was processed using the opposite side of a mounted optical disk volume. Therefore, this request required the optical disk volume to be turned over in order to access the volume on the opposite side of the mounted volume.
zEmpty	BIT	1	This request required an unmounted optical disk volume to be mounted and the optical disk drive that was used to process this request was empty at the time of the request. Therefore, this request did not require a mounted optical disk volume to be turned over in order to access the volume on the opposite side of the mounted volume.
zFull	BIT	1	

			This request required an unmounted optical disk volume to be mounted and the optical disk drive that was selected for this request was full. Therefore, this request required a mounted optical disk volume to be demounted prior to mounting empty at the time of the request. Therefore, this request did not require a mounted optical disk volume to be demounted prior to mounting the required optical disk volume.
--	--	--	---

SMF085_74_LCS_Optical_Write.<fieldname>			
zNOBJ	INT	4	(IBM Name: ST74NOBJ) Total number of objects in this request. The maximum possible for this field is 280. With 280 object entries, the maximum SMF record size is 32 744 bytes.
zNKBP	INT	4	(IBM Name: ST74NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST74SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST74SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: SMF085_74_Request_Object

Field Name	Type	Len	Description
SMF085_74_Request_Object.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST74COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST74OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST74OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST74OOFF) Zeros.
zVSN	CHAR	6	(IBM Name: ST74VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST74OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST74OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST74RC) LCS return code.

zRS	INT	4	(IBM Name: ST74RS) LCS reason code.
-----	-----	---	--

Secondary segment: SMF085_75_LCS_Optical_Read

Field Name	Type	Len	Description
<i>SMF085_75_LCS_Optical_Read.<fieldname></i>			
zORMN	CHAR	16	(IBM Name: ST75ORMN) OAM request member name.
zOTMN	CHAR	16	(IBM Name: ST75OTMN) OAM target member name.
zOLN	CHAR	8	(IBM Name: ST75OLN) Optical library name.
zOLDT	CHAR	8	(IBM Name: ST75OLDT) Optical library device type.
zOLDN	CHAR	4	(IBM Name: ST75OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST75ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST75ODDT) Optical drive device type.
zODDN	CHAR	4	(IBM Name: ST75ODDN) MVS device number that corresponds to the optical drive.
zODT	CHAR	1	(IBM Name: ST75ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST75OVT) Optical volume type. B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST75SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST75LIQT) LCS input-work-queue time. The amount of time in milliseconds that this request has spent on the LCS inputwork-queue waiting for processing.
zLDQT	INT	4	(IBM Name: ST75LDQT) LCS dispatcher-queue time. The amount of time in milliseconds that this request has spent on the LCS dispatcher-queue waiting for processing.
zLEQT	INT	4	(IBM Name: ST75LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue processing.
zLXQT	INT	4	(IBM Name: ST75LXQT) XCF cross system processing-queue time. The amount of time in milliseconds that this request spent being processed on the XCF cross system queue.
zOVMT	INT	4	(IBM Name: ST75OVMT) Optical volume mount time. The amount of time in milliseconds that it took to mount the optical disk volume required by this request. This field is valid if zMountO, zEmpty or zFull (bit 1, 2 or 3) in field ST75FLGS is on.
zOVDT	INT	4	(IBM Name: ST75OVDT) Optical volume demount time. This is the amount of time in milliseconds that it took to demount the optical disk volume that was mounted prior to mounting the optical disk volume required by this request. The field is valid if zFull (bit 3) in field ST75FLGS is on.

SMF085_75_LCS_Optical_Read.zFLGS.<fieldname>			
zMount	BIT	1	This request was processed using a mounted optical disk volume and did not require an unmounted optical disk volume to be mounted.
zMountO	BIT	1	This request was processed using the opposite side of a mounted optical disk volume. Therefore, this request required the optical disk volume to be turned over in order to access the volume on the opposite side of the mounted volume.
zEmpty	BIT	1	This request required an unmounted optical disk volume to be mounted and the optical disk drive that was used to process this request was empty at the time of the request. Therefore, this request did not require a mounted optical disk volume to be turned over in order to access the volume on the opposite side of the mounted volume.
zFull	BIT	1	This request required an unmounted optical disk volume to be mounted and the optical disk drive that was selected for this request was full. Therefore, this request required a mounted optical disk volume to be demounted prior to mounting empty at the time of the request. Therefore, this request did not require a mounted optical disk volume to be demounted prior to mounting the required optical disk volume.

SMF085_75_LCS_Optical_Read.<fieldname>			
zNOBJ	INT	4	(IBM Name: ST75NOBJ) Total number of objects in this request. The maximum possible for this field is 280. With 280 object entries, the maximum SMF record size is 32 744 bytes.
zNKBP	INT	4	(IBM Name: ST75NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST75SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST75SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: SMF085_75_Request_Object

Field Name	Type	Len	Description
SMF085_75_Request_Object.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST75COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST75OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST75OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST75OOFF) Object offset.
zVSN	CHAR	6	(IBM Name: ST75VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST75OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge.

			'13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST75OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST75RC) LCS return code.
zRS	INT	4	(IBM Name: ST75RS) LCS reason code.

Secondary segment: SMF085_76_LCS_Optical_Logical_Delete

Field Name	Type	Len	Description
<i>SMF085_76_LCS_Optical_Logical_Delete.<fieldname></i>			
zORMN	CHAR	16	(IBM Name: ST76ORMN) Blanks.
zOTMN	CHAR	16	(IBM Name: ST76OTMN) Blanks.
zOLN	CHAR	8	(IBM Name: ST76OLN) Optical library name.
zOLDT	CHAR	8	(IBM Name: ST76OLDT) Optical library device type.
zOLDN	CHAR	4	(IBM Name: ST76OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST76ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST76ODDT) Optical drive device type.
zODDN	CHAR	4	(IBM Name: ST76ODDN) MVS device number that corresponds to the optical drive.
zODT	CHAR	1	(IBM Name: ST76ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST76OVT) Optical volume type. B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST76SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST76LIQT) LCS input-work-queue time. The amount of time in milliseconds that this request has spent on the LCS inputwork-queue waiting for processing.
zLDQT	INT	4	(IBM Name: ST76LDQT) LCS dispatcher-queue time. The amount of time in milliseconds that this request has spent on the LCS dispatcher-queue waiting for processing.
zLEQT	INT	4	(IBM Name: ST76LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue processing.
zLXQT	INT	4	

			(IBM Name: ST76LXQT) Zero.
zOVMT	INT	4	(IBM Name: ST76OVMT) Zero.
zOVDT	INT	4	(IBM Name: ST76OVDT) Zero.

SMF085_76_LCS_Optical_Logical_Delete.zFLGS.<fieldname>

zMount	BIT	1	Zero.
zMountO	BIT	1	Zero.
zEmpty	BIT	1	Zero.
zFull	BIT	1	Zero.

SMF085_76_LCS_Optical_Logical_Delete.<fieldname>

zNOBJ	INT	4	(IBM Name: ST76NOBJ) Total number of objects in this request. The maximum possible for this field is 280. With 280 object entries, the maximum SMF record size is 32 744 bytes.
zNKBP	INT	4	(IBM Name: ST76NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST76SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST76SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: SMF085_76_Request_Object

Field Name	Type	Len	Description
<i>SMF085_76_Request_Object.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST76COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST76OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST76OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST76OOFF) Zeros.
zVSN	CHAR	6	(IBM Name: ST76VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST76OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media.

			'21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST76OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST76RC) LCS return code.
zRS	INT	4	(IBM Name: ST76RS) LCS reason code.

Secondary segment: SMF085_77_LCS_Optical_Physical_Delete

Field Name	Type	Len	Description
<i>SMF085_77_LCS_Optical_Physical_Delete.<fieldname></i>			
zORMN	CHAR	16	(IBM Name: ST77ORMN) Blanks.
zOTMN	CHAR	16	(IBM Name: ST77OTMN) Blanks.
zOLN	CHAR	8	(IBM Name: ST77OLN) Optical library name.
zOLDT	CHAR	8	(IBM Name: ST77OLDT) Optical library device type.
zOLDN	CHAR	4	(IBM Name: ST77OLDN) MVS device number that corresponds to the optical library.
zODN	CHAR	8	(IBM Name: ST77ODN) Optical drive name.
zODDT	CHAR	8	(IBM Name: ST77ODDT) Optical drive device type.
zODDN	CHAR	4	(IBM Name: ST77ODDN) MVS device number that corresponds to the optical drive.
zODT	CHAR	1	(IBM Name: ST77ODT) Optical drive type: L => Optical drive is a library-resident drive. S => Optical drive is a stand-alone or operator-accessible drive.
zOVT	CHAR	1	(IBM Name: ST77OVT) Optical volume type. B => Optical volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Optical volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST77SGN) Storage group name.
zLIQT	INT	4	(IBM Name: ST77LIQT) LCS input-work-queue time. The amount of time in milliseconds that this request has spent on the LCS inputwork-queue waiting for processing.
zLDQT	INT	4	(IBM Name: ST77LDQT) LCS dispatcher-queue time. The amount of time in milliseconds that this request has spent on the LCS dispatcher-queue waiting for processing.
zLEQT	INT	4	(IBM Name: ST77LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue processing.
zLXQT	INT	4	(IBM Name: ST77LXQT) Zero.
zOVMT	INT	4	

			(IBM Name: ST77OVMT) Optical volume mount time. The amount of time in milliseconds that it took to mount the optical disk volume required by this request. This field is valid if zMountO, zEmpty or zFull (bit 1, 2 or 3) in field ST77FLGS is on.
zOVDT	INT	4	(IBM Name: ST77OVDT) Optical volume demount time. This is the amount of time in milliseconds that it took to demount the optical disk volume that was mounted prior to mounting the optical disk volume required by this request. The field is valid if zFull (bit 3) in field ST77FLGS is on.

SMF085_77_LCS_Optical_Physical_Delete.zFLGS.<fieldname>

zMount	BIT	1	This request was processed using a mounted optical disk volume and did not require an unmounted optical disk volume to be mounted.
zMountO	BIT	1	This request was processed using the opposite side of a mounted optical disk volume. Therefore, this request required the optical disk volume to be turned over in order to access the volume on the opposite side of the mounted volume.
zEmpty	BIT	1	This request required an unmounted optical disk volume to be mounted and the optical disk drive that was used to process this request was empty at the time of the request. Therefore, this request did not require a mounted optical disk volume to be turned over in order to access the volume on the opposite side of the mounted volume.
zFull	BIT	1	This request required an unmounted optical disk volume to be mounted and the optical disk drive that was selected for this request was full. Therefore, this request required a mounted optical disk volume to be demounted prior to mounting empty at the time of the request. Therefore, this request did not require a mounted optical disk volume to be demounted prior to mounting the required optical disk volume.

SMF085_77_LCS_Optical_Physical_Delete.<fieldname>

zNOBJ	INT	4	(IBM Name: ST77NOBJ) Total number of objects in this request. The maximum possible for this field is 280. With 280 object entries, the maximum SMF record size is 32 744 bytes.
zNKBP	INT	4	(IBM Name: ST77NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST77SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST77SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: SMF085_77_Request_Object

Field Name	Type	Len	Description
SMF085_77_Request_Object.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST77COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST77OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST77OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST77OOFF) Zeros.
zVSN	CHAR	6	(IBM Name: ST77VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST77OMT) Optical media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany.

			'01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST77OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST77RC) LCS return code.
zRS	INT	4	(IBM Name: ST77RS) LCS reason code.

Secondary segment: **SMF085_78_LCS_Tape_Write**

Field Name	Type	Len	Description
<i>SMF085_78_LCS_Tape_Write.<fieldname></i>			
zORMN	CHAR	16	(IBM Name: ST78ORMN) Blanks.
zOTMN	CHAR	16	(IBM Name: ST78OTMN) Blanks.
zTDUN	CHAR	8	(IBM Name: ST78TDUN) Tape drive unit name.
zTDDN	CHAR	4	(IBM Name: ST78TDDN) MVS device number of the tape drive.
zTVT	CHAR	1	(IBM Name: ST78TVT) Tape volume type. B => Tape volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Tape volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST78SGN) Name of the OBJECT or OBJECT BACKUP storage group to which the tape volume belongs.
zLIQT	INT	4	(IBM Name: ST78LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST78LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST78LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue being processed.
zLXQT	INT	4	(IBM Name: ST78LXQT) Zero.
zLMAT	INT	4	

			(IBM Name: ST78LMAT) MVS dynamic allocation time. This is the amount of time in milliseconds that was required by MVS dynamic allocation (SVC 99) to dynamically allocate the tape drive. This field is valid only if zEmpty (bit 1) in field ST78FLGS is on.
zLMDT	INT	4	(IBM Name: ST78LMDT) MVS dynamic deallocation time. This is the amount of time in milliseconds that was required by MVS dynamic deallocation (SVC99) to dynamically deallocate the tape drive. This field is valid only if zFull (bit 2) in field ST78FLGS is on.
zLDCT	INT	4	(IBM Name: ST78LDCT) DFP CLOSE time. This is the amount of time in milliseconds that was required by DFP CLOSE processing to close an already-opened tape data set. This field is valid only if zFull (bit 2) in field ST78FLGS is on.
zLDOT	INT	4	(IBM Name: ST78LDOT) DFP OPEN time. This is the amount of time in milliseconds that was required by DFP OPEN processing to open the tape data set. This field is valid only if zEmpty or zFull (bit 1 or 2) in field ST78FLGS is on.
zLDPT	INT	4	(IBM Name: ST78LDPT) DFP POINT time. This is the amount of time in milliseconds that was required by DFP POINT processing to position to the correct block-ID on the tape media.
zLBRT	INT	4	(IBM Name: ST78LBRT) Zero.
zLBWT	INT	4	(IBM Name: ST78LBWT) BSAM WRITE time. This is the amount of time in milliseconds that OAM spent in BSAM WRITE processing writing data to the tape volume.
zLBCT	INT	4	(IBM Name: ST78LBCT) BSAM CHECK time. This is the amount of time in milliseconds that OAM spent in BSAM CHECK processing waiting for I/O operations to the tape volume to complete.

SMF085_78_LCS_Tape_Write.zFLGS.<fieldname>

zMount	BIT	1	This request was processed using a mounted tape volume and did not require an unmounted tape volume to be mounted.
zEmpty	BIT	1	This request required an unmounted tape volume to be mounted and the tape drive that was used to process this request was empty at the start of processing this request. Therefore, this request did not require a mounted tape volume to be demounted prior to mounting the required tape volume.
zFull	BIT	1	This request required an unmounted tape volume to be mounted and the tape drive that was used to process this request was full at the start of processing this request. Therefore, this request required a mounted tape volume to be demounted prior to mounting the required tape volume.
zAuto	BIT	1	This request was processed using a tape drive inside an automated tape library dataserer.
zSL1	BIT	1	This request was processed using a tape volume associated with TAPE SUBLEVEL 1.
zSL2	BIT	1	This request was processed using a tape volume associated with TAPE SUBLEVEL 2.

SMF085_78_LCS_Tape_Write.<fieldname>

zNOBJ	INT	4	(IBM Name: ST78NOBJ) Total number of objects in this request. The maximum value for this field is 280. With 280 object entries in this record, the maximum SMF record size
zNKBP	INT	4	(IBM Name: ST78NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST78SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST78SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: **SMF085_78_Request_Object**

Field Name	Type	Len	Description
<i>SMF085_78_Request_Object.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST78COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST78OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST78OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST78OOFF) Zero.
zVSN	CHAR	6	(IBM Name: ST78VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST78TMT) Tape media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST78OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST78RC) LCS return code.
zRS	INT	4	(IBM Name: ST78RS) LCS reason code.

Secondary segment: **SMF085_79_LCS_Tape_Read**

Field Name	Type	Len	Description
<i>SMF085_79_LCS_Tape_Read.<fieldname></i>			
zORMN	CHAR	16	(IBM Name: ST79ORMN) OAM request member name.
zOTMN	CHAR	16	(IBM Name: ST79OTMN) OAM target member name.
zTDUN	CHAR	8	(IBM Name: ST79TDUN) Tape drive unit name.
zTDDN	CHAR	4	(IBM Name: ST79TDDN) MVS device number of the tape drive.

zTVT	CHAR	1	(IBM Name: ST79TVT) Tape volume type. B => Tape volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Tape volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST79SGN) Name of the OBJECT or OBJECT BACKUP storage group to which the tape volume belongs.
zLIQT	INT	4	(IBM Name: ST79LIQT) LCS input-work-queue time. The amount of time in milliseconds this request has spent on the LCS input-workqueue waiting to be processed.
zLDQT	INT	4	(IBM Name: ST79LDQT) LCS dispatcher-queue time. The amount of time in milliseconds this request has spent on the LCS dispatcherqueue waiting to be processed.
zLEQT	INT	4	(IBM Name: ST79LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue being processed.
zLXQT	INT	4	(IBM Name: ST79LXQT) XCF cross system processing-queue time. The amount of time in milliseconds that this request has spent being processed on the XCF cross system queue.
zLMAT	INT	4	(IBM Name: ST79LMAT) MVS dynamic allocation time. This is the amount of time in milliseconds that was required by MVS dynamic allocation (SVC 99) to dynamically allocate the tape drive. This field is valid only if zEmpty (bit 1) in field ST79FLGS is on.
zLMDT	INT	4	(IBM Name: ST79LMDT) MVS dynamic deallocation time. This is the amount of time in milliseconds that was required by MVS dynamic deallocation (SVC99) to dynamically deallocate the tape drive. This field is valid only if zFull (bit 2) in field ST79FLGS is on.
zLDCT	INT	4	(IBM Name: ST79LDCT) DFP CLOSE time. This is the amount of time in milliseconds that was required by DFP CLOSE processing to close an already-opened tape data set. This field is valid only if zFull (bit 2) in field ST79FLGS is on.
zLDOT	INT	4	(IBM Name: ST79LDOT) DFP OPEN time. This is the amount of time in milliseconds that was required by DFP OPEN processing to open the tape data set. This field is valid only if zEmpty or zFull (bit 1 or 2) in field ST79FLGS is on.
zLDPT	INT	4	(IBM Name: ST79LDPT) DFP POINT time. This is the amount of time in milliseconds that was required by DFP POINT processing to position to the correct block-ID on the tape media.
zLBRT	INT	4	(IBM Name: ST79LBRT) BSAM READ time. This is the amount of time in milliseconds that OAM spent in BSAM READ processing reading data from the tape volume.
zLBWT	INT	4	(IBM Name: ST79LBWT) Zero.
zLBCT	INT	4	(IBM Name: ST79LBCT) BSAM CHECK time. This is the amount of time in milliseconds that OAM spent in BSAM CHECK processing waiting for I/O operations to the tape volume to complete.

SMF085_79_LCS_Tape_Read.zFLGS.<fieldname>

zMount	BIT	1	This request was processed using a mounted tape volume and did not require an unmounted tape volume to be mounted.
zEmpty	BIT	1	This request required an unmounted tape volume to be mounted and the tape drive that was used to process this request was empty at the start of processing this request. Therefore, this request did not require a mounted tape volume to be demounted prior to mounting the required tape volume.
zFull	BIT	1	This request required an unmounted tape volume to be mounted and the tape drive that was used to process this request was full at the start of processing this request. Therefore, this request required a mounted tape volume to be demounted prior to mounting the required tape volume.

zAuto	BIT	1	This request was processed using a tape drive inside an automated tape library dataserver.
zSL1	BIT	1	This request was processed using a tape volume associated with TAPE SUBLEVEL 1.
zSL2	BIT	1	This request was processed using a tape volume associated with TAPE SUBLEVEL 2.

SMF085_79_LCS_Tape_Read.<fieldname>

zNOBJ	INT	4	(IBM Name: ST79NOBJ) Total number of objects in this request. The maximum value for this field is 280. With 280 object entries in this record, the maximum SMF record size
zNKBP	INT	4	(IBM Name: ST79NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST79SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST79SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: SMF085_79_Request_Object

Field Name	Type	Len	Description
SMF085_79_Request_Object.<fieldname>			
zCOLN	CHAR	44	(IBM Name: ST79COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST79OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST79OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST79OOFF) Object offset.
zVSN	CHAR	6	(IBM Name: ST79VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST79TMT) Tape media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST79OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST79RC) LCS return code.

zRS	INT	4	(IBM Name: ST79RS) LCS reason code.
-----	-----	---	--

Secondary segment: SMF085_87_LCS_Tape_Volume_Demount

Field Name	Type	Len	Description
<i>SMF085_87_LCS_Tape_Volume_Demount.<fieldname></i>			
zTDDN	CHAR	4	(IBM Name: ST87TDDN) MVS device number that corresponds to the tape drive on which the volume was mounted.
zTDDT	CHAR	4	(IBM Name: ST87TDDT) MVS UCB device type associated with the tape drive on which the volume was mounted.
zTVUN	CHAR	8	(IBM Name: ST87TVUN) Unit name associated with the tape volume and used to allocate the tape drive.
zVSN	CHAR	6	(IBM Name: ST87VSN) Volume serial number of the tape volume.
zTMT	CHAR	2	(IBM Name: ST87TMT) Tape media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media. '35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zTVT	CHAR	1	(IBM Name: ST87TVT) OAM tape volume type. B => Tape volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Tape volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST87SGN) Name of the OBJECT or OBJECT BACKUP storage group.
zRC	INT	4	(IBM Name: ST87RC) LCS return code.
zRS	INT	4	(IBM Name: ST87RS) LCS reason code.

SMF085_87_LCS_Tape_Volume_Demount.zFLGS.<fieldname>

zSL1	BIT	1	This request was processed using a tape volume associated with TAPE SUBLEVEL 1.
zSL2	BIT	1	This request was processed using a tape volume associated with TAPE SUBLEVEL 2.

SMF085_87_LCS_Tape_Volume_Demount.<fieldname>

zTMNT	INT	4	(IBM Name: ST87TMNT) Elapsed time in milliseconds that the tape volume was mounted, measured from the time that the first DFP OPEN macro completed to the time the tape volume was deallocated by an SVC 99 dynamic deallocation request.
zNOW	INT	4	(IBM Name: ST87NOW) Number of objects written to this tape volume while it was mounted.
zNKBW	INT	4	(IBM Name: ST87NKBW) Number of logical kilobytes of object data written to this tape volume while it was mounted. X'FFFFFFFF' indicates the counter has overflowed.
zNOR	INT	4	(IBM Name: ST87NOR) Number of objects read from this tape volume while it was mounted.
zNKBR	INT	4	(IBM Name: ST87NKBR) Number of kilobytes of object data read from this tape volume while it was mounted. X'FFFFFFFF' indicates the counter has overflowed.
zNBW	INT	8	(IBM Name: ST87NBW) Number of logical bytes of object data written to this tape volume while it was mounted.
zNBR	INT	8	(IBM Name: ST87NBR) Number of bytes of object data read from this tape volume while it was mounted.

Secondary segment: SMF085_88_LCS_Tape_Logical_Delete

Field Name	Type	Len	Description
<i>SMF085_88_LCS_Tape_Logical_Delete.<fieldname></i>			
zORMN	CHAR	16	(IBM Name: ST78ORMN) Blanks.
zOTMN	CHAR	16	(IBM Name: ST78OTMN) Blanks.
zTDUN	CHAR	8	(IBM Name: ST78TDUN) Tape drive unit name.
zTDDN	CHAR	4	(IBM Name: ST78TDDN) MVS device number of the tape drive.
zTVT	CHAR	1	(IBM Name: ST78TVT) Tape volume type. B => Tape volume is a backup volume belonging to an OBJECT BACKUP storage group. G => Tape volume is a grouped volume belonging to an OBJECT storage group.
zSGN	CHAR	8	(IBM Name: ST78SGN) Name of the OBJECT or OBJECT BACKUP storage group to which the tape volume belongs.
zLIQT	INT	4	(IBM Name: ST78LIQT) Zero.
zLDQT	INT	4	(IBM Name: ST78LDQT) Zero.
zLEQT	INT	4	(IBM Name: ST78LEQT) Zero.
zLXQT	INT	4	(IBM Name: ST78LXQT) Zero.
zLMAT	INT	4	(IBM Name: ST78LMAT) Zero.
zLMDT	INT	4	(IBM Name: ST78LMDT) Zero.
zLDCT	INT	4	(IBM Name: ST78LDCT) Zero.

zLDOT	INT	4	(IBM Name: ST78LDOT) Zero.
zLDPT	INT	4	(IBM Name: ST78LDPT) Zero.
zLBRT	INT	4	(IBM Name: ST78LBRT) Zero.
zLBWT	INT	4	(IBM Name: ST78LBWT) Zero.
zLBCT	INT	4	(IBM Name: ST78LBCT) Zero.
zFLGS	INT	4	(IBM Name: ST78FLGS) Zero.
zNOBJ	INT	4	(IBM Name: ST78NOBJ) Total number of objects in this request. The maximum value for this field is 280. With 280 object entries in this record, the maximum SMF record size
zNKBP	INT	4	(IBM Name: ST78NKBP) Total number of kilobytes of object data in this request.
zSOBJ	INT	4	(IBM Name: ST78SOBJ) Total number of objects in this request that processed successfully.
zSKBP	INT	4	(IBM Name: ST78SKBP) Total number of kilobytes of object data in this request that processed successfully.

Secondary segment: SMF085_88_Request_Object

Field Name	Type	Len	Description
<i>SMF085_88_Request_Object.<fieldname></i>			
zCOLN	CHAR	44	(IBM Name: ST78COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST78OBJN) Object name.
zOLEN	INT	4	(IBM Name: ST78OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST78OOFF) Zero.
zVSN	CHAR	6	(IBM Name: ST78VSN) Volume serial number.
zOMT	CHAR	2	(IBM Name: ST78TMT) Tape media type. Note: CCW = continuous composite WORM media. WORM = write-once-readmany. '01' => IBM 3995 5.25-inch 650-MB rewritable optical disk media. '02' => IBM 3480 Cartridge System Tape. '03' => IBM 3995 5.25-inch 650-MB WORM optical disk media. '04' => IBM 3480 Enhanced Capacity Cartridge System Tape. '05' => IBM High Performance Cartridge Tape. '06' => IBM Extended High Performance Cartridge Tape. '07' => IBM Enterprise Tape Cartridge. '08' => IBM Enterprise WORM Tape Cartridge. '09' => IBM Enterprise Economy Tape Cartridge. '10' => IBM Enterprise Economy WORM Tape Cartridge. '11' => IBM 3995 5.25-inch 1300-MB rewritable optical disk media. '12' => IBM Enterprise Extended Tape Cartridge. '13' => IBM 3995 5.25-inch 1300-MB WORM optical disk media. '14' => IBM Enterprise Extended WORM Tape Cartridge. '15' => IBM 3995 5.25-inch 1300-MB CCW optical disk media. '21' => IBM 3995 5.25-inch 2600-MB rewritable optical disk media. '23' => IBM 3995 5.25-inch 2600-MB WORM optical disk media. '25' => IBM 3995 5.25-inch 2600-MB CCW optical disk media. '31' => IBM 3995 5.25-inch 5.2-GB rewritable optical disk media. '33' => IBM 3995 5.25-inch 5.2-GB WORM optical disk media.

			'35' => IBM 3995 5.25-inch 5.2-GB CCW optical disk media.
zOTKN	HEX	4	(IBM Name: ST78OTKN) Object volume location token.
zRC	INT	4	(IBM Name: ST78RC) LCS return code.
zRS	INT	4	(IBM Name: ST78RS) LCS reason code.

Secondary segment: **SMF085_90_LCS_FS_Write**

Field Name	Type	Len	Description
<i>SMF085_90_LCS_FS_Write.<fieldname></i>			
zDIR	CHAR	30	(IBM Name: ST90DIR) File system directory.
zSGN	CHAR	8	(IBM Name: ST90SGN) OBJECT storage group name.
zCOLN	CHAR	44	(IBM Name: ST90COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST90OBJN) Object name.
zFST	CHAR	2	(IBM Name: ST90FST) File system type. (00 => ZFS, 01 => NFS)
zINST	INT	4	(IBM Name: ST90INST) Instance ID.

<i>SMF085_90_LCS_FS_Write.zFLGS.<fieldname></i>			
zInOAM	BIT	1	Request originated within OAM address space.
zOutOAM	BIT	1	Request originated outside OAM address space.

<i>SMF085_90_LCS_FS_Write.<fieldname></i>			
zOLEN	INT	4	(IBM Name: ST90OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST90OOFF) Zero.
zLIQT	INT	4	(IBM Name: ST90LIQT) LCS input-work-queue time. The amount of time in milliseconds that this request has spent on the LCS inputwork-queue waiting for processing.
zLDQT	INT	4	(IBM Name: ST90LDQT) LCS dispatcher-queue time. The amount of time in milliseconds that this request has spent on the LCS dispatcher-queue waiting for processing.
zLEQT	INT	4	(IBM Name: ST90LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue processing.
zRC	INT	4	(IBM Name: ST90RC) LCS return code.
zRS	INT	4	(IBM Name: ST90RS) LCS reason code.

Secondary segment: **SMF085_91_LCS_FS_Read**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF085_91_LCS_FS_Read.<fieldname></i>			
zDIR	CHAR	30	(IBM Name: ST91DIR) File system directory.
zSGN	CHAR	8	(IBM Name: ST91SGN) OBJECT storage group name.
zCOLN	CHAR	44	(IBM Name: ST91COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST91OBJN) Object name.
zFST	CHAR	2	(IBM Name: ST91FST) File system type. (00 => ZFS, 01 => NFS)
zINST	INT	4	(IBM Name: ST91INST) Instance ID.

<i>SMF085_91_LCS_FS_Read.zFLGS.<fieldname></i>			
zInOAM	BIT	1	Request originated within OAM address space.
zOutOAM	BIT	1	Request originated outside OAM address space.

<i>SMF085_91_LCS_FS_Read.<fieldname></i>			
zOLEN	INT	4	(IBM Name: ST91OLEN) Object length.
zOOFF	INT	4	(IBM Name: ST91OOFF) Object offset. For partial object read.
zLIQT	INT	4	(IBM Name: ST91LIQT) LCS input-work-queue time. The amount of time in milliseconds that this request has spent on the LCS inputwork-queue waiting for processing.
zLDQT	INT	4	(IBM Name: ST91LDQT) LCS dispatcher-queue time. The amount of time in milliseconds that this request has spent on the LCS dispatcher-queue waiting for processing.
zLEQT	INT	4	(IBM Name: ST91LEQT) LCS execution-queue time. The amount of time in milliseconds that this request has spent on the LCS execution-queue processing.
zRC	INT	4	(IBM Name: ST91RC) LCS return code.
zRS	INT	4	(IBM Name: ST91RS) LCS reason code.

Secondary segment: SMF085_92_LCS_FS_Physical_Delete

Field Name	Type	Len	Description
<i>SMF085_92_LCS_FS_Physical_Delete.<fieldname></i>			
zDIR	CHAR	30	(IBM Name: ST92DIR) File system directory.
zSGN	CHAR	8	(IBM Name: ST92SGN) OBJECT storage group name.
zCOLN	CHAR	44	(IBM Name: ST92COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST92OBJN) Object name.
zFST	CHAR	2	(IBM Name: ST92FST) Blanks.
zINST	INT	4	(IBM Name: ST92INST) Instance ID.

SMF085_92_LCS_FS_Physical_Delete.zFLGS.<fieldname>			
zInOAM	BIT	1	Request originated within OAM address space.
zOutOAM	BIT	1	Request originated outside OAM address space.
SMF085_92_LCS_FS_Physical_Delete.<fieldname>			
zOLEN	INT	4	(IBM Name: ST92OLEN) Zero.
zOOFF	INT	4	(IBM Name: ST92OOFF) Zero.
zLIQT	INT	4	(IBM Name: ST92LIQT) Zero.
zLDQT	INT	4	(IBM Name: ST92LDQT) Zero.
zLEQT	INT	4	(IBM Name: ST92LEQT) Zero.
zRC	INT	4	(IBM Name: ST92RC) LCS return code.
zRS	INT	4	(IBM Name: ST92RS) LCS reason code.

Secondary segment: SMF085_93_LCS_FS_Physical_Delete_Cleanup

Field Name	Type	Len	Description
SMF085_93_LCS_FS_Physical_Delete_Cleanup.<fieldname>			
zDIR	CHAR	30	(IBM Name: ST93DIR) File system directory.
zSGN	CHAR	8	(IBM Name: ST93SGN) OBJECT storage group name.
zCOLN	CHAR	44	(IBM Name: ST93COLN) Collection name.
zOBJN	CHAR	44	(IBM Name: ST93OBJN) Object name.
zFST	CHAR	2	(IBM Name: ST93FST) Blanks.
zINST	INT	4	(IBM Name: ST93INST) Instance ID.
SMF085_93_LCS_FS_Physical_Delete_Cleanup.zFLGS.<fieldname>			
zInOAM	BIT	1	Request originated within OAM address space.
zOutOAM	BIT	1	Request originated outside OAM address space.
SMF085_93_LCS_FS_Physical_Delete_Cleanup.<fieldname>			
zOLEN	INT	4	(IBM Name: ST93OLEN) Zero.
zOOFF	INT	4	(IBM Name: ST93OOFF) Zero.
zLIQT	INT	4	(IBM Name: ST93LIQT) Zero.
zLDQT	INT	4	(IBM Name: ST93LDQT) Zero.
zLEQT	INT	4	

			(IBM Name: ST93LEQT) Zero.
zRC	INT	4	(IBM Name: ST93RC) LCS return code.
zRS	INT	4	(IBM Name: ST93RS) LCS reason code.

Record Type 86 - CIM Server

SMF Record 86 (CIM Server) is mapped by structure member "T086".

Primary Segment:

- SMF086_CIM_server

Secondary Segment(s): 14 (in alphabetical order)

- SMF086_Product
- SMF086_01_Authentication
- SMF086_02_Configuration
- SMF086_02_Property_Name
- SMF086_02_Property_Value
- SMF086_02_Property_Value_New
- SMF086_03_Provider_Name
- SMF086_03_Provider_Status
- SMF086_04_CIM_Operations
- SMF086_04_CIM_Operations
- SMF086_04_Name_Space
- SMF086_04_Object_Path
- SMF086_04_Provider_Module
- SMF086_04_Provider_Name

Primary segment: SMF086_CIM_server

Field Name	Type	Len	Description
<i>SMF086_CIM_server.<fieldname></i>			
<i>SMF086_CIM_server.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF87FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM Name: SMF86RTY) Record type 108 (X'56').
zTME	TSTMP	8	(IBM Name: SMF86TME) Time and date that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF86SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM Name: SMF86SSI) Subsystem identification ('CFZ').
zSTY	INT	2	(IBM name: SMF87STY) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.

<i>SMF086_CIM_server.Self_defining_Section.<fieldname></i>			
zTRN	INT	4	(IBM Name: SMF86TRN) Number of triplets in this record (including the Product Section).
zPRO	INT	4	(IBM Name: SMF86PRO) Offset to product section from RDW.
zPRL	INT	2	(IBM Name: SMF86PRL) Length of product section.
zPRN	INT	2	(IBM Name: SMF86PRN) Number of product sections.
zDAO	INT	4	(IBM Name: SMF86DAO) Offset to authentication section from RDW.
zDAL	INT	2	

			(IBM Name: SMF86DAL) Length of authentication section.
zDAN	INT	2	(IBM Name: SMF86DAN) Number of authentication sections.

Secondary segment: SMF086_Product

Field Name	Type	Len	Description
<i>SMF086_Product.<fieldname></i>			
zPRRVN	INT	4	(IBM Name: SMF86PRRVN) SMF Record version number. Set to 1 for CIM SMF for z/OS 1.10.
zSSI	CHAR	4	(IBM Name: SMF86SSI) Subsystem identification ('CFZ').
zVRM	CHAR	8	(IBM Name: SMF86VRM) The CIM Product software level. (version, release, and modification level numbers) For example: 02.06.01
zOSL	CHAR	8	(IBM Name: SMF86OSL) MVS software level. (consists of an acronym and the version, release, and modification level numbers)
zSYN	CHAR	8	(IBM Name: SMF86SYN) System name (from the SYSNAME parameter in the IEASYSxx parmlib member).
zSYP	CHAR	8	(IBM Name: SMF86SYP) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).
zOPI	INT	4	(IBM Name: SMF86OPI) z/OS UNIX System Services process ID. Same format as SMF record 30, to be able to correlate records.
zTHID	CHAR	22	(IBM Name: SMF86THID) The char representation of the thread ID. The thread ID ends with the null character 'X'00'. Same format as used in CIM Trace, to be able to correlate records.

Secondary segment: SMF086_01_Authentication

Field Name	Type	Len	Description
<i>SMF086_01_Authentication.<fieldname></i>			
zAuthMode	INT (ENUM)	2	(IBM Name: AuthMode) The authentication mode.
zUserID	CHAR	8	(IBM Name: UserID) The UserID to authentication.
zAuthResult	INT (ENUM)	2	(IBM Name: AuthResult) The authentication result.
zClientIP	CHAR	42	(IBM Name: ClientIP) The TCPI/IP address of the client requesting the authentication. If AuthMode is set to 0 (local authentication), the ClientIP is set to 'localhost'.

Secondary segment: SMF086_02_Configuration

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF086_02_Configuration.<fieldname>			
zUserID	CHAR	8	(IBM Name: UserID) The user ID updating the configuration property. The user ID is empty, if configuration is listed.
zPropChange	INT (ENUM)	2	(IBM Name: PropChange) Mode of the property change.
zNameOf	CHAR	4	(IBM Name: NameOf) Offset to property name from section start.
zNameLen	CHAR	2	(IBM Name: NameLen) Length of property name including the trailing null character X'00'.
zNameNo	CHAR	2	(IBM Name: NameNo) Number of property names. (=1)
zValueOf	CHAR	4	(IBM Name: ValueOf) Offset to property value from section start.
zValueLen	CHAR	2	(IBM Name: ValueLen) Length of property value including trailing null character X'00'.
zValueNo	CHAR	2	(IBM Name: ValueNo) Number of property values. (=1)
zNewValueOf	CHAR	4	(IBM Name: NewValueOf) Offset to new property value from section start. This value is set to 0, if configuration is listed.
zNewValueLen	CHAR	2	(IBM Name: NewValueLen) Length of new property value including trailing null character X'00'. This value is set to 0, if configuration is listed.
zNewValueNo	CHAR	2	(IBM Name: NewValueNo) Number of new property values. This value is set to 0, if configuration is listed.

Secondary segment: SMF086_02_Property_Name

Field Name	Type	Len	Description
SMF086_02_Property_Name.<fieldname>			
zName	CHARZ	65	(IBM Name: Name) The property name including a trailing null character X'00'.

Secondary segment: SMF086_02_Property_Value

Field Name	Type	Len	Description
SMF086_02_Property_Value.<fieldname>			
zValue	CHARZ	129	(IBM Name: Value) The property value including a trailing null character X'00'.

Secondary segment: SMF086_02_Property_Value_New

Field Name	Type	Len	Description
SMF086_02_Property_Value_New.<fieldname>			
zValue	CHARZ	129	(IBM Name: NewValue) The new property value including a trailing null character X'00'. This value is not set, if configuration is listed.

Secondary segment: SMF086_03_Provider_Status

Field Name	Type	Len	Description
<i>SMF086_03_Provider_Status.<fieldname></i>			
zCurrentStatus	INT (ENUM)	4	(IBM Name: CurrentStatus) The current status of the provider.
zIsChanging	INT	2	(IBM Name: IsChanging) If set to 1, the provider is changing the state and the NewStatus value is valid.
zNewStatus	INT (ENUM)	2	(IBM Name: NewStatus) The new status of the provider.
zProvNameOf	CHAR	4	(IBM Name: ProvNameOf) Offset to provider name from section start.
zProvNameLen	CHAR	2	(IBM Name: ProvNameLen) Length of provider name.
zProvNameNo	CHAR	2	(IBM Name: ProvNameNo) Number of provider name.

Secondary segment: SMF086_03_Provider_Name

Field Name	Type	Len	Description
<i>SMF086_03_Provider_Name.<fieldname></i>			
zName	CHARZ	129	(IBM Name: ProviderName) The name of the provider involved in the operation including trailing null character X'00'.

Secondary segment: SMF086_04_CIM_Operations

Field Name	Type	Len	Description
<i>SMF086_04_CIM_Operations.<fieldname></i>			
zCIMOpType	INT (ENUM)	2	(IBM Name: CIMOpType) The CIM Operation type that was executed.
zUserID	CHAR	8	(IBM Name: UserID) The UserID requesting the operation.
zCIMStatusCode	INT	2	(IBM Name: CIMStatusCode) The result status of the operation.
zCIMStatusCodee	INT (ENUM)	2	(IBM Name: CIMStatusCode) The result status of the operation.
zClientIP	CHAR	42	(IBM Name: ClientIP) The TCPI/IP address of the client requesting the operation.
zOperNameOf	CHAR	4	(IBM Name: OperNameOf) Offset to operation name from section start.
zOperNameLen	CHAR	2	(IBM Name: OperNameLen) Length of operation name including trailing null character X'00'.
zOperNameNo	CHAR	2	(IBM Name: OperNameNo) Number of operation names.
zObjPathOf	CHAR	4	(IBM Name: ObjPathOf) Offset to object path from section start.

zObjPathLen	CHAR	2	(IBM Name: ObjPathLen) Length of object path including trailing null character X'00'.
zObjPathNo	CHAR	2	(IBM Name: ObjPathNo) Number of object paths.
zNameSpaceOf	CHAR	4	(IBM Name: NameSpaceOf) Offset to name space from section start.
zNameSpaceLen	CHAR	2	(IBM Name: NameSpaceLen) Length of name space including trailing null character X'00'.
zNameSpaceNo	CHAR	2	(IBM Name: NameSpaceNo) Number of name spaces.
zProvNameOf	CHAR	4	(IBM Name: ProvNameOf) Offset to provider name from section start.
zProvNameLen	CHAR	2	(IBM Name: ProvNameLen) Length of provider name including trailing null character X'00'.
zProvNameNo	CHAR	2	(IBM Name: ProvNameNo) Number of provider names. If it is set to 0, no provider name is provided.
zProvModNameOf	CHAR	4	(IBM Name: ProvModNameOf) Offset to provider module name from section start.
zProvModNameLen	CHAR	2	(IBM Name: ProvModNameLen) Length of provider module name including trailing null character X'00'.
zProvModNameNo	CHAR	2	(IBM Name: ProvModNameNo) Number of provider module names. If it is set to 0, no provider name is provided.

Secondary segment: SMF086_04_CIM_Operations

Field Name	Type	Len	Description
<i>SMF086_04_CIM_Operations.<fieldname></i>			
zOperName	CHARZ	129	(IBM Name: OperName) The operation name including trailing null character X'00'.

Secondary segment: SMF086_04_Object_Path

Field Name	Type	Len	Description
<i>SMF086_04_Object_Path.<fieldname></i>			
zObjectPath	CHARZ	513	(IBM Name: ObjPath) The object path at Instance Operations and Invoke Method or the class name at Class and Qualifier Operations including trailing null character X'00'.

Secondary segment: SMF086_04_Name_Space

Field Name	Type	Len	Description
<i>SMF086_04_Name_Space.<fieldname></i>			
zNameSpace	CHARZ	513	(IBM Name: NameSpace) The name space of the operation including trailing null character X'00'.

Secondary segment: SMF086_04_Provider_Name

Field Name	Type	Len	Description
<i>SMF086_04_Provider_Name.<fieldname></i>			
zName	CHARZ	129	(IBM Name: ProviderName) The name of the provider involved in the operation including trailing null character X'00'.

Secondary segment: SMF086_04_Provider_Module

Field Name	Type	Len	Description
<i>SMF086_04_Provider_Module.<fieldname></i>			
zModule	CHARZ	129	(IBM Name: ProvModName) The name of the provider module involved in the operation including trailing null character X'00'.

Record Type 87 - GRS Monitoring

SMF Record 87 (GRS Monitoring) is mapped by structure member "T087".

Primary Segment:

- SMF087_GRS_Monitoring

Secondary Segment(s): 4 (in alphabetical order)

- SMF087_Requester
- SMF087_01_QSCAN
- SMF087_02_ENQ
- SMF087_02_ISGENQ

Primary segment: SMF087_GRS_Monitoring

Field Name	Type	Len	Description
<i>SMF087_GRS_Monitoring.<fieldname></i>			
<i>SMF087_GRS_Monitoring.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF87FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM Name: SMF87RTY) Record type 87('X'57).
zTME	TSTMP	8	(IBM Name: SMF87TME) Time at which the record was written.
zSID	CHAR	4	(IBM Name: SMF87SID) System identification.
zSSI	CHAR	4	(IBM Name: SMF87SSI) Subsystem identification.
zSTY	INT	2	(IBM name: SMF87STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
<i>SMF087_GRS_Monitoring.Self_defining_Section.<fieldname></i>			
zLEN	INT	4	(IBM Name: SMF87DEF_LEN) Length of self defining section.
zREQ_OFF	INT	4	(IBM Name: SMF87DEF_REQ_OFF) Requester section offset.
zREQ_LEN	INT	2	(IBM Name: SMF87DEF_REQ_LEN) Requester section length.
zREQ_NUM	INT	2	(IBM Name: SMF87DEF_REQ_NUM) Number of requester sections.
zDATA_OFF	INT	4	(IBM Name: SMF87DEF_DATA_OFF) Qscan data section offset.
zDATA_LEN	INT	2	(IBM Name: SMF87DEF_DATA_LEN) Qscan data section length.
zDATA_NUM	INT	2	(IBM Name: SMF87DEF_DATA_NUM) Number of Qscan data sections.

Secondary segment: SMF087_Requester

Field Name	Type	Len	Description
<i>SMF087_Requester.<fieldname></i>			
zREQ_COMP	CHAR	8	(IBM Name: SMF87REQ_COMP) Requester component ID.
zREQ_VERSION	INT	4	(IBM Name: SMF87REQ_VERSION) Requester section version.
zREQ_SYS	CHAR	8	(IBM Name: SMF87REQ_SYS) Requester system name.
zREQ_STOK	HEX	8	(IBM Name: SMF87REQ_STOK) Requester STOKEN.
zREQ_ASID	INT	2	(IBM Name: SMF87REQ_ASID) Requester ASID.
zREQ_TCB	HEX	4	(IBM Name: SMF87REQ_TCB) Requester TCB address.
zREQ_JOB	CHAR	8	(IBM Name: SMF87REQ_JOB) Requester jobname.
zREQ_STIME	HEX	16	(IBM Name: SMF87REQ_STIME) Requester start timestamp (ETOD).
zREQ_CTIME	HEX	16	(IBM Name: SMF87REQ_CTIME) Requester completion timestamp (ETOD).
zREQ_RC	INT	4	(IBM Name: SMF87REQ_RC) Requester return code.
zREQ_RSN	INT	4	(IBM Name: SMF87REQ_RSN) Requester reason code.
zREQ_PSW	HEX	8	(IBM Name: SMF87REQ_PSW) Requester PSW.
<i>SMF087_Requester.zREQ_FLAGS.<fieldname></i>			
zREQ_JOBINIT	BIT	1	(IBM Name: SMF87REQ_JOBINIT) Initiated Job.
zREQ_STCTSUSU	BIT	1	(IBM Name: SMF87REQ_STCTSUSU) Started Task, TSO User, or other System process.
<i>SMF087_Requester.zREQ_AUTH1.<fieldname></i>			
zCDSPZ	BIT	1	(IBM Name: CDSPZ) Module is in SUBPOOL ZERO
zCDREL	BIT	1	(IBM Name: CDREL) Module is INACTIVE and MAY BE RELEASED
zCDXLE	BIT	1	(IBM Name: CDXLE) EXTENT LIST has been built for module. Main storage occupied by module is described therein.
zCDRLC	BIT	1	(IBM Name: CDRLC) This CDE contains a MINOR ENTRY POINT ADDRESS that has been relocated by the PROGRAM FETCH routine.
zCDEANYM	BIT	1	(IBM Name: CDEANYM) Routine runs in ANY mode
zCDOLY	BIT	1	(IBM Name: CDOLY) Module is in OVERLAY format
zCDSYSLIB	BIT	1	(IBM Name: CDSYSLIB) AUTHORIZED LIBRARY module
zCDAUTH	BIT	1	(IBM Name: CDAUTH) PROGRAM AUTHORIZATION FLAG
<i>SMF087_Requester.<fieldname></i>			

zREQ_SMFID	CHAR	4	(IBM Name: SMF87REQ_SMFID) System id.
zREQ_PROGRAMNAME	CHAR	8	(IBM Name: SMF87REQ_PROGRAMNAME) Program Name. May be blank if unavailable.

Secondary segment: **SMF087_01_QSCAN**

Field Name	Type	Len	Description
<i>SMF087_01_QSCAN.<fieldname></i>			
zQSCAN_EYE	CHAR	8	(IBM Name: SMF87QSCAN_EYE) Service eye-catcher.
zQSCAN_VERSION	INT	4	(IBM Name: SMF87QSCAN_VERSION) QSCAN data section version.
zQSCAN_SCANACTION	INT (ENUM)	1	(IBM Name: SMF87QSCAN_SCANACTION) Requested scan action.

<i>SMF087_01_QSCAN.zQSCAN_FLAGS.<fieldname></i>			
zQSCAN_QNAME_SPECIFIC	BIT	1	(IBM Name: SMF87QSCAN_QNAME_SPECIFIC) The request specified a specific QNAME.
zQSCAN_RNAME_SPECIFIC	BIT	1	(IBM Name: SMF87QSCAN_RNAME_SPECIFIC) The request specified a specific RNAME.

<i>SMF087_01_QSCAN.<fieldname></i>			
zQSCAN_QNAMELEN	INT	1	(IBM Name: SMF87QSCAN_QNAMELEN) Requested QNAME length.
zQSCAN_RNAMELEN	INT	1	(IBM Name: SMF87QSCAN_RNAMELEN) Requested RNAME length.
zQSCAN_MINWAITERS	INT	4	(IBM Name: SMF87QSCAN_MINWAITERS) Requested minimum waiters.
zQSCAN_QNAME	CHAR	8	(IBM Name: SMF87QSCAN_QNAME) Requested QNAME or, if nonspecific, QNAME pattern. If not specified on the request, then zeroes.
zQSCAN_RNAME	XVCHAR	0 256	(IBM Name: SMF87QSCAN_RNAME) Requested RNAME or, if nonspecific, RNAME pattern. If not specified on the request, then zeroes.

Secondary segment: **SMF087_02_ENQ**

Field Name	Type	Len	Description
<i>SMF087_02_ENQ.<fieldname></i>			
zENQ_EYE	CHAR	8	(IBM Name: SMF87ENQ_EYE) Service eye-catcher. Padded to eight characters with blanks.
zENQ_VERSION	INT	4	(IBM Name: SMF87ENQ_VERSION) ENQ section version.

<i>SMF087_02_ENQ.zENQ_REQUESTFIELDS.<fieldname></i>			
---	--	--	--

<i>SMF087_02_ENQ.zENQ_REQUESTFIELDS.zENQ_FLAGS1.<fieldname></i>			
zENQ_REQWAITED	BIT	1	(IBM Name: SMF87ENQ_REQWAITED) This request was queued to wait for the resource.
zENQ_EXITCHANGED	BIT	1	(IBM Name: SMF87ENQ_EXITCHANGED) This request was potentially changed by an exit. Exits may not

			change the scope or UCB status when RNL=NO is specified on the request.
zENQ_INCLUDED	BIT	1	(IBM Name: SMF87ENQ_INCLUDED) This request was included by RNLs
zENQ_EXCLUDED	BIT	1	(IBM Name: SMF87ENQ_EXCLUDED) This request was excluded by RNLs
zENQ_CONVERTED	BIT	1	(IBM Name: SMF87ENQ_CONVERTED) This request was converted from a RESERVE to a global ENQ by RNLs
zENQ_PCREQUEST	BIT	1	(IBM Name: SMF87ENQ_PCREQUEST) This request was a result of a PC-ENQ, PC-DEQ, or ISGENQ
zENQ_RNLNO	BIT	1	(IBM Name: SMF87ENQ_RNLNO) This request was made requesting no changes allowed by RNLs
zENQ_LIST	BIT	1	(IBM Name: SMF87ENQ_LIST) This request was part of a list request

SMF087_02_ENQ.zENQ_REQUESTFIELDS.zENQ_FLAGS2.<fieldname>

zENQ_OBTAIN	BIT	1	(IBM Name: SMF87ENQ_OBTAIN) This request was to obtain or change an ENQ. When off, this request was to release an ENQ.
zENQ_RESERVE	BIT	1	(IBM Name: SMF87ENQ_RESERVE) This request was for a RESERVE. See SMF87ENQ_CONVERTED to see if the RESERVE was converted.
zENQ_SHARE	BIT	1	(IBM Name: SMF87ENQ_SHARE) This request was for shared access
zENQ_STEPMUSTCOMPLETE	BIT	1	(IBM Name: SMF87ENQ_STEPMUSTCOMPLETE) This request asked for 'Step must complete'.
zENQ_DIRECTEDTCB	BIT	1	(IBM Name: SMF87ENQ_DIRECTEDTCB) This request was directed to another request.

SMF087_02_ENQ.zENQ_REQUESTFIELDS.<fieldname>

zENQ_SCOPE	INT (ENUM)	1	(IBM Name: SMF87ENQ_SCOPE) Final scope of the request.
zENQ_RNAMELEN	INT	1	(IBM Name: SMF87ENQ_RNAMELEN) RNAME length
zENQ_REQUESTTYPE	INT (ENUM)	1	(IBM Name: SMF87ENQ_REQUESTTYPE) Type of request.

SMF087_02_ENQ.zDEVICEINFO.<fieldname>

zENQ_DEVN	INT	2	(IBM Name: SMF87ENQ_DEVN) Device number if available, or zeros if not
zENQ_UCBVOLI	CHAR	6	(IBM Name: SMF87ENQ_UCBVOLI) VOLSER if available, or zeros if not
zENQ_QNAME	CHAR	8	(IBM Name: SMF87ENQ_QNAME) QNAME
zENQ_RNAME	XVCHAR	0 256	(IBM Name: SMF87ENQ_RNAME) RNAME.

Secondary segment: SMF087_02_ISGENQ

Field Name	Type	Len	Description
SMF087_02_ISGENQ.<fieldname>			
zENQ_EYE	CHAR	8	(IBM Name: SMF87ENQ_EYE) Service eye-catcher. Padded to eight characters with blanks.

zENQ_VERSION	INT	4	(IBM Name: SMF87ENQ_VERSION) ENQ section version.
--------------	-----	---	--

SMF087_02_ISGENQ.zENQ_REQUESTFIELDS.<fieldname>
SMF087_02_ISGENQ.zENQ_REQUESTFIELDS.zENQ_FLAGS1.<fieldname>

zENQ_REQWAITED	BIT	1	(IBM Name: SMF87ENQ_REQWAITED) This request was queued to wait for the resource.
zENQ_EXITCHANGED	BIT	1	(IBM Name: SMF87ENQ_EXITCHANGED) This request was potentially changed by an exit. Exits may not change the scope or UCB status when RNL=NO is specified on the request.
zENQ_INCLUDED	BIT	1	(IBM Name: SMF87ENQ_INCLUDED) This request was included by RNLs
zENQ_EXCLUDED	BIT	1	(IBM Name: SMF87ENQ_EXCLUDED) This request was excluded by RNLs
zENQ_CONVERTED	BIT	1	(IBM Name: SMF87ENQ_CONVERTED) This request was converted from a RESERVE to a global ENQ by RNLs
zENQ_PCREQUEST	BIT	1	(IBM Name: SMF87ENQ_PCREQUEST) This request was a result of a PC-ENQ, PC-DEQ, or ISGENQ
zENQ_RNLNO	BIT	1	(IBM Name: SMF87ENQ_RNLNO) This request was made requesting no changes allowed by RNLs
zENQ_LIST	BIT	1	(IBM Name: SMF87ENQ_LIST) This request was part of a list request

SMF087_02_ISGENQ.zENQ_REQUESTFIELDS.zENQ_FLAGS2.<fieldname>

zENQ_OBTAIN	BIT	1	(IBM Name: SMF87ENQ_OBTAIN) This request was to obtain or change an ENQ. When off, this request was to release an ENQ.
zENQ_RESERVE	BIT	1	(IBM Name: SMF87ENQ_RESERVE) This request was for a RESERVE. See SMF87ENQ_CONVERTED to see if the RESERVE was converted.
zENQ_SHARE	BIT	1	(IBM Name: SMF87ENQ_SHARE) This request was for shared access
zENQ_STEPMUSTCOMPLETE	BIT	1	(IBM Name: SMF87ENQ_STEPMUSTCOMPLETE) This request asked for 'Step must complete'.
zENQ_DIRECTEDTCB	BIT	1	(IBM Name: SMF87ENQ_DIRECTEDTCB) This request was directed to another request.

SMF087_02_ISGENQ.zENQ_REQUESTFIELDS.<fieldname>

zENQ_SCOPE	INT (ENUM)	1	(IBM Name: SMF87ENQ_SCOPE) Final scope of the request.
zENQ_RNAMELEN	INT	1	(IBM Name: SMF87ENQ_RNAMELEN) RNAME length
zENQ_REQUESTTYPE	INT (ENUM)	1	(IBM Name: SMF87ENQ_REQUESTTYPE) Type of request. 'CONDNO' => REQUEST=OBTAIN or RELEASE with COND=NO 'CONDYES' => REQUEST=OBTAIN or RELEASE with COND=YES 'CHANGE' => REQUEST=CHANGE 'CONACT=FAIL' => REQUEST=OBTAIN CONTENTIONACT=FAIL 'WAITTYPE=ECB' => REQUEST=OBTAIN with WAITTYPE=ECB 'TEST=YES' => REQUEST=OBTAIN with TEST=YES

SMF087_02_ISGENQ.zDEVICEINFO.<fieldname>

zENQ_DEVN	INT	2	(IBM Name: SMF87ENQ_DEVN) Device number if available, or zeros if not
-----------	-----	---	--

zENQ_UCBVOLI	CHAR	6	(IBM Name: SMF87ENQ_UCBVOLI) VOLSER if available, or zeros if not
zENQ_QNAME	CHAR	8	(IBM Name: SMF87ENQ_QNAME) QNAME
zENQ_RNAME	XVCHAR	0 256	(IBM Name: SMF87ENQ_RNAME) RNAME.

Record Type 88 - System Logger Data

SMF Record 88 (System Logger Data) has 2 subtypes, each mapped by a structure member name of the format "T088STnn".

Record Type 88 Subtype 1 - Log Stream Activity

Primary Segment:

- SMF088#01_System_Logger_Data

Secondary Segment(s): 4 (in alphabetical order)

- SMF088#01_Events
- SMF088#01_Log_Stream
- SMF088#01_Product_Section
- SMF088#01_Structure_Interim_Storage

Primary segment: SMF088#01_System_Logger_Data

Field Name	Type	Len	Description
<i>SMF088#01_System_Logger_Data.<fieldname></i>			
SMF088#01_System_Logger_Data.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF88FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: SMF88RTY) Record type 88 (X'58').
zTME	TSTMP	8	(IBM name: SMF88TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF88SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF88SID) Subsystem identification. STC
zSTY	INT	2	(IBM name: SMF88STP) Record subtype.

SMF088#01_System_Logger_Data.Self_defining_Section.<fieldname>			
zSDL	INT	4	(IBM name: SMF88SDL) Length of Self-defining Section.
zPOF	INT	4	(IBM name: SMF88POF) Offset to product section.
zPLN	INT	2	(IBM name: SMF88PLN) Length of product section.
zPON	INT	2	(IBM name: SMF88PON) Number of product sections.
zLOF	INT	4	(IBM name: SMF88LOF) Offset to Log Stream section.
zLLN	INT	2	(IBM name: SMF88LLN) Length of Log Stream section.
zLON	INT	2	(IBM name: SMF88LON) Number of Log Stream sections.
zEOF	INT	4	(IBM name: SMF88EOF) Offset to Event section.
zELN	INT	2	(IBM name: SMF88ELN) Length of Event section.

zEON	INT	2	(IBM name: SMF88EON) Number of Event sections.
zSOF	INT	4	(IBM name: SMF88SOF) Offset to Structure Interim Storage section.
zSLN	INT	2	(IBM name: SMF88SLN) Length of Structure Interim Storage section.
zSON	INT	2	(IBM name: SMF88SON) Number of Structure Interim Storage sections.
zAOF	INT	4	(IBM name: SMF88AOF) Offset to Structure Alter section.
zALN	INT	2	(IBM name: SMF88ALN) Length of Structure Alter section.
zAON	INT	2	(IBM name: SMF88AON) Number of Structure Alter sections.

Secondary segment: **SMF088#01_Product_Section**

Field Name	Type	Len	Description
<i>SMF088#01_Product_Section.<fieldname></i>			
zTYP	INT	2	(IBM name: SMF88TYP) Record Subtype. 1 => Log stream update, 11 => Coupling facility structure alter activity.
zRVN	CHAR	2	(IBM name: SMF88RVN) Record version number - 01.
zPNM	CHAR	8	(IBM name: SMF88PNM) Product name - SCLOG.
zOSL	CHAR	8	(IBM name: SMF88OSL) MVS operating system name.
zSYN	CHAR	8	(IBM name: SMF88SYN) System name (from SYSNAME parameter in the IEASYSxx parmlib member).

Secondary segment: **SMF088#01_Log_Stream**

Field Name	Type	Len	Description
<i>SMF088#01_Log_Stream.<fieldname></i>			
zLIT	CHAR	8	(IBM name: SMF88LIT) SMF-counter instance token identifies a connection to a log stream. It ties together SMF records for a given instance of a connection to a log stream.
zLSN	CHAR	26	(IBM name: SMF88LSN) Log stream name.
<i>SMF088#01_Log_Stream.zLFL.<fieldname></i>			
zLFD	BIT	1	Valid only when zLFT is also on. DRXRC-type staging data set used during the expiring SMF interval. This flag will no longer be set on as of release HBB77B0 (z/OS v2r3).
zLFT	BIT	1	This logstream used staging datasets during the expiring SMF interval.
zLDS	BIT	1	The SMF record has been generated as a result of the log stream disconnecting from the system.
zLZA	BIT	1	The log stream has ZAI(YES) specified to send log data to the IBM zAware server.

SMF088#01_Log_Stream.<fieldname>			
zLTD	TSTMP	8	(IBM name: SMF88LTD) TOD-time when SMF global interval expired (from parameter list of ENF event 37, which requested this SMF record from logger). Time is reported in GMT.
zLWI	INT	4	(IBM name: SMF88LWI) IXGWRITE macro invocations for this log stream issued during the expiring SMF interval.
zLIB	INT	4	(IBM name: SMF88LIB) Minimum BLOCKLEN value of IXGWRITE seen during the expiring SMF interval. Initialized to X'7FFFFFFF' if no SMF activity occurs within an SMF interval.
zLAB	INT	4	(IBM name: SMF88LAB) Maximum BLOCKLEN value of IXGWRITE seen by this log stream during the expiring SMF interval. Initialized to zero if no SMF activity occurs within an SMF interval.
zLWB	FLOAT	8	(IBM name: SMF88LWB) Bytes requested by user application(s) on IXGWRITE macro invocations for this log stream during the expiring SMF interval (FORMAT=LONG FLOATING POINT).
zLDB	FLOAT	8	(IBM name: SMF88LDB) Bytes written to DASD for this log stream during the expiring SMF interval (FORMAT=LONG FLOATING POINT).
zLIO	INT	4	(IBM name: SMF88LIO) Number of times a request was made by system logger to write log stream data to DASD during the expiring SMF interval.
zLIS	INT	4	(IBM name: SMF88LIS) Number of times system logger had to suspend before writing log stream data to DASD because a previously-initiated write to DASD had not yet completed during the expiring SMF interval.
zGRP	CHAR	8	(IBM name: SMF88GRP) GROUP value for the log stream. Either PROD (production) or TEST.

Secondary segment: **SMF088#01_Events**

Field Name	Type	Len	Description
SMF088#01_Events.<fieldname>			
zEDS	INT	4	(IBM name: SMF88EDS) Number of Log Stream DASD-shifts initiated by this system during the expiring SMF interval.
zERI	INT	4	(IBM name: SMF88ERI) Number of 'Structure Rebuild' events +initiated+ for this log stream during the expiring SMF interval.
zERC	INT	4	(IBM name: SMF88ERC) Number of 'Structure Rebuild' events =completed= for this log stream during the expiring SMF interval.
zESF	INT	4	(IBM name: SMF88ESF) Number of times Logger detected 'Structure full' condition for this logstream on this system during the expiring SMF interval.
zETT	INT	4	(IBM name: SMF88ETT) Number of times IXGLOGR detected 'Staging-Dataset-Thre shold-Hit' condition for this logstream on this system during the expiring SMF interval.
zETF	INT	4	(IBM name: SMF88ETF) Number of times IXGLOGR detected 'Staging-Dataset-FULL' condition for this logstream on this system during the expiring SMF interval.
zEO	INT	4	(IBM name: SMF88EO) Number of times IXGLOGR performed successful offload (>1 byte of data) for this logstream on this system during the expiring interval.
zEFS	INT	4	

			(IBM name: SMF88EFS) Number of times IXGLOGR performed an offload for all the log streams connected on this system to the structure due to the structure's total in-use list entries reaching 90% of the total available entries for the structure. This count is the number of occurrences of this condition for the expiring interval.
zEDO	INT	4	(IBM name: SMF88EDO) Number of times a demand initiated offload was requested (via IXGOFFLD) for this logstream on this system during the expiring interval.
zEAF	INT	4	(IBM name: SMF88EAF) Number of times IXGLOGR detected 'Staging-Dataset-Async-Buffer_Full' condition for this logstream on this system during the expiring SMF interval. This field will no longer be filled in as of release HBB77B0 (z/OS v2r3).

Secondary segment: **SMF088#01_Structure_Interim_Storage**

Field Name	Type	Len	Description
<i>SMF088#01_Structure_Interim_Storage.<fieldname></i>			
zSTN	CHAR	16	(IBM name: SMF88STN) Name of the structure used for this log stream. For a dasd only log stream, this field will show *DASDONLY*.
zSWB	FLOAT	8	(IBM name: SMF88SWB) Current written bytes count. Count of bytes written to interim storage during this interval (FORMAT= LONG FLOATING POINT).
zSIB	FLOAT	8	(IBM name: SMF88SIB) Current instead bytes count. Count of bytes deleted from interim storage during this interval, instead of being offloaded (FORMAT=LONG FLOATING POOINT). This field is incremented due to either a user invocation of IXGDELET where the data had not been offloaded or system logger internal management of interim storage.
zSAB	FLOAT	8	(IBM name: SMF88SAB) Current after bytes count. Count of bytes deleted from interim storage during this interval, after being offloaded (FORMAT=LONG FLOATING POINT). TThis field is incremented by system logger's internal management of interim storage.
zSII	INT	4	(IBM name: SMF88SII) Current instead invocation count. Count of times a deletion from interim storage for this log stream was performed during this interval, where thee data was not first offloaded.
zSAI	INT	4	(IBM name: SMF88SAI) Current after invocation count. Count of times a deletion from interim storage was performed during this interval, after being offloaded (occurs ddue to system logger management of interim storage).
zSC1	INT	4	(IBM name: SMF88SC1) The count of type-1 completions during the expired SMF interval. The Logstream contents can remain in the primary storage. No need to move data from primary storage to DASD. This field is valid for both coupling facility and DASDONLY Logstreams.
zSC2	INT	4	(IBM name: SMF88SC2) The count of type-2 completions during the expired SMF interval. Logstream is filling the primary storage but space is not critical. System Loggerr begins asynchronous offloading of Logstream data from the primary storage to DASD. This field is valid for both coupling facility and DASDONLY Logstreams.
zSC3	INT	4	(IBM name: SMF88SC3) The count of type-3 completions during the expired SMF interval. Space used in the structure (by this Logstream) is critical but does not exceed 1100 percent. This field is only valid for coupling facility based Logstreams.

Record Type 88 Subtype 11 - CF Structure Alter Activity

Primary Segment:

- SMF088#11_System_Logger_Data

Secondary Segment(s): 2 (in alphabetical order)

- SMF088#11_Product_Section
- SMF088#11_Structure_Alter

Primary segment: SMF088#11_System_Logger_Data

Field Name	Type	Len	Description
<i>SMF088#11_System_Logger_Data.<fieldname></i>			
SMF088#11_System_Logger_Data.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF88FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: SMF88RTY) Record type 88 (X'58').
zTME	TSTMP	8	(IBM name: SMF88TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF88SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF88SID) Subsystem identification. STC
zSTY	INT	2	(IBM name: SMF88STP) Record subtype.
SMF088#11_System_Logger_Data.Self_defining_Section.<fieldname>			
zSDL	INT	4	(IBM name: SMF88SDL) Length of Self-defining Section.
zPOF	INT	4	(IBM name: SMF88POF) Offset to product section.
zPLN	INT	2	(IBM name: SMF88PLN) Length of product section.
zPON	INT	2	(IBM name: SMF88PON) Number of product sections.
zLOF	INT	4	(IBM name: SMF88LOF) Offset to Log Stream section.
zLLN	INT	2	(IBM name: SMF88LLN) Length of Log Stream section.
zLON	INT	2	(IBM name: SMF88LON) Number of Log Stream sections.
zEOF	INT	4	(IBM name: SMF88EOF) Offset to Event section.
zELN	INT	2	(IBM name: SMF88ELN) Length of Event section.
zEON	INT	2	(IBM name: SMF88EON) Number of Event sections.
zSOF	INT	4	(IBM name: SMF88SOF) Offset to Structure Interim Storage section.
zSLN	INT	2	(IBM name: SMF88SLN) Length of Structure Interim Storage section.
zSON	INT	2	

			(IBM name: SMF88SON) Number of Structure Interim Storage sections.
zAOF	INT	4	(IBM name: SMF88AOF) Offset to Structure Alter section.
zALN	INT	2	(IBM name: SMF88ALN) Length of Structure Alter section.
zAON	INT	2	(IBM name: SMF88AON) Number of Structure Alter sections.

Secondary segment: SMF088#11_Product_Section

Field Name	Type	Len	Description
<i>SMF088#11_Product_Section.<fieldname></i>			
zTYP	INT	2	(IBM name: SMF88TYP) Record Subtype. 1 => Log stream update, 11 => Coupling facility structure alter activity.
zRVN	CHAR	2	(IBM name: SMF88RVN) Record version number - 01.
zPNM	CHAR	8	(IBM name: SMF88PNM) Product name - SCLOG.
zOSL	CHAR	8	(IBM name: SMF88OSL) MVS operating system name.
zSYN	CHAR	8	(IBM name: SMF88SYN) System name (from SYSNAME parameter in the IEASYSxx parmlib member).

Secondary segment: SMF088#11_Structure_Alter

Field Name	Type	Len	Description
<i>SMF088#11_Structure_Alter.<fieldname></i>			
zANM	CHAR	16	(IBM name: SMF88ANM) Structure Name.
zATK	TSTMP	8	(IBM name: SMF88ATK) Alter Token, which is a STCK timestamp, showing last time the element to entry ratio was altered to accommodate the average buffer size being written to the structure.
zAIT	HEX	8	(IBM name: SMF88AIT) SMF-counter instance token identifies a connection to structure. It ties together SMF records for a given instance of a connection to the structure.
zAWB	FLOAT	8	(IBM name: SMF88AWB) Current written bytes count. Count of bytes written to the structure from this system and associated with this alter token, for this interval.
zAO	INT	4	(IBM name: SMF88AO) The number of offloads that occurred on this system associated with this alter token, for this interval.
zACB	INT	4	(IBM name: SMF88ACB) Current allocated average buffer size, which system logger uses to calculate entry-to-element ratio for the structure.
zATB	INT	4	(IBM name: SMF88ATB) Targeted average buffer size that system logger tried to achieve by altering the element to entry ratio.
zASZ	INT	4	(IBM name: SMF88ASZ) Structure size in 4K blocks.

zATW	INT	4	(IBM name: SMF88ATW) Total number of log writes to the structure during the interval.
zALS	INT	4	(IBM name: SMF88ALS) Total number of log streams connected to the structure on this system at the recording.

SMF088#11_Structure_Alter.zAFG.<fieldname>

zABC	BIT	1	Record was generated to report a change in the average buffer size being written to the structure.
zADC	BIT	1	Record was generated due to the last log stream disconnecting which resulted in the structure being disconnected.

Record Type 89 - Product Usage Data

SMF Record 89 (Product Usage Data) is mapped by structure member "T089".

Primary Segment:

- SMF089_Usage_Data

Secondary Segment(s): 8 (in alphabetical order)

- SMF089_Product
- SMF089_SystemID
- SMF089_01_Prod_Intersec
- SMF089_01_Tenant_ResGrp
- SMF089_01_Tenant_ResGrp_Intersec
- SMF089_01_Usage
- SMF089_02_State
- SMF089_02_State_Tenant_ResGrpsec

Primary segment: SMF089_Usage_Data

Field Name	Type	Len	Description
SMF089_Usage_Data.<fieldname>			
SMF089_Usage_Data.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF89FLG) System indicator: Bit Meaning when set 0 SUBSYSTEM identification follows system identification 1 SubTypeS used 2 RESERVED 3-6 MVS Version Indicators (Set by SMF) 7 RESERVED.
zRTY	INT	1	(IBM name: SMF89RTY) Record type 89 (X'59').
zTME	TSTMP	8	(IBM name: SMF89TME) Date/Time that the record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMF89SID) System identification (from the SID parameter in the SMFPRMxx parmlib member).
zWID	CHAR	4	(IBM name: SMF89WID) Subsystem identifier for the SMF address space - 'STC' for Started Task.
zSTY	INT	2	(IBM name: SMF89STP) Record SubType 1 Usage Data Interval Record 2 STATE Data Interval Record
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype - short expansion. 'Job Start' = Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 'Activity(2)' = Activity since previous interval ended. 'Activity(3)' = Activity for the last interval before step termination. 'Step Total' = Step total. 'Job Term' = Job termination or termination of other work unit. 'SysAddr Space' = System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSDL	INT	4	(IBM name: SMF89SDL) Length of self-defining section - '28'
zPRO	INT	4	(IBM name: SMF89PRO) Offset to Record Product section from start of record, including the record descriptor word (RDW).
zPRL	INT	2	(IBM name: SMF89PRL) Length of Record Product section.
zPRN	INT	2	(IBM name: SMF89PRN) Number of Record Product sections (1).
zSIO	INT	4	(IBM name: SMF89SIO) Offset to System ID section from start of record, including the record descriptor word (RDW).

zSIL	INT	2	(IBM name: SMF89SIL) Length of System ID section.
zSIN	INT	2	(IBM name: SMF89SIN) Number of System ID sections on record (1).
zUDO	INT	4	(IBM name: SMF89UDO) Offset to first Usage or State Data section from start of record, including the record descriptor word (RDW).
zUDL	INT	2	(IBM name: SMF89UDL) Length of each Usage Data section or State Data section.
zUDN	INT	2	(IBM name: SMF89UDN) Number of Usage or State Data sections on record (minimum of 0).
zUDR	INT	4	(IBM name: SMF89UDR) Number of State Data sections remaining (or 0 FOR Usage Data section).
zCNO	INT	4	(IBM name: SMF89CNO) Offset to first product intersection data section (from start of record including the RDW).
zCNL	INT	2	(IBM name: SMF89CNL) Length of product intersection data section.
zCNN	INT	2	(IBM name: SMF89CNN) Number of product intersection data sections (minimum of 0).

SMF089_Usage_Data.Header_Self_Defining_Section.zTR.<fieldname>

zTRO	INT	4	(IBM name: SMF89TRO) Offset of first Tenant Resource Group Data Section (from start of record, including the RDW).
zTRL	INT	2	(IBM name: SMF89TRL) Length of each Tenant Resource Group Data Section.
zTRN	INT	2	(IBM name: SMF89TRN) Number of Tenant Resource Group Data Sections (Min '0').

SMF089_Usage_Data.Header_Self_Defining_Section.zTC.<fieldname>

zTCO	INT	4	(IBM name: SMF89TCO) Offset of first Tenant Resource Group Intersection Data Section (from start of record, including the RDW).
zTCL	INT	2	(IBM name: SMF89TCL) Length of each Tenant Resource Group Intersection Data Section.
zTCN	INT	2	(IBM name: SMF89TCN) Number of Tenant Resource Group Intersection Data Sections (Min '0').

Secondary segment: SMF089_Product

Field Name	Type	Len	Description
<i>SMF089_Product.<fieldname></i>			
zPNM	CHAR	8	(IBM name: SMF89PNM) Record product name - 'SMF'.
zRVN	INT	4	(IBM name: SMF89RVN) Record version number - '1'.
zOSL	CHAR	8	(IBM name: SMF89OSL) MVS system level (For example, SP4.3.0).
zIST	TIME	4	(IBM name: SMF89IST) Reporting interval START Time (local, hundredths of a second from midnight). This field and SMF89IET define the recording interval. This is different from the usage data interval that is used to collect data into hourly buckets.
zISD	DATE	4	(IBM name: SMF89ISD) Reporting interval START Date in the form 0cyydddF. See 'Standard and

			Extended SMF record headers' on page 174 F0R a detailed description.
zIET	TIME	4	(IBM name: SMF89IET) Reporting interval END Time (local, hundredths of a second from midnight). This field and SMF89IST define the recording interval. This is different from the usage data interval that is used to collect data into hourly buckets.
zIED	DATE	4	(IBM name: SMF89IED) Reporting interval END Date in the form 0cyydddF. See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description.
zPFL	INT	1	(IBM name: SMF89PFL) Bit Meaning when set 0 RESERVED 1 INDICATES that LICENSE=zNALC was specified in IEASYSxx. (SMF89ZNA) 2 - 7 reserved
zHOF	TSTMP	8	(IBM name: SMF89HOF) Hypervisor date/time offset in STCK format. When present, this field contains the sysplex timer offset value.
zDTO	TSTMP	8	(IBM name: SMF89DTO) Local data/time offset, copied from CVTLDTO.
z_CoreMode_CP	INT	2	(IBM name: SMF89_CoreMode_CP) The number of CPUs that are active on a CP core.
z_CoreMode_zAAP	INT	2	(IBM name: SMF89_CoreMode_zAAP) The number of CPUs that are active on a zAAP core.
z_CoreMode_zIIP	INT	2	(IBM name: SMF89_CoreMode_zIIP) The number of CPUs that are active on a zIIP core.

Secondary segment: SMF089_SystemID

Field Name	Type	Len	Description
<i>SMF089_SystemID.<fieldname></i>			
zSYN	CHAR	8	(IBM name: SMF89SYN) MVS system name (SYSNAME from IEASYSxx).
zUST	TIME	4	(IBM name: SMF89UST) Usage data interval START time (local, hundredths of a second from midnight). This is usually an hour value (such as 01:00:00.00) except in the case of the first record during an IPL (which reports the 'IPL' time). This is different from the recording interval that is used to report on the generation of the usage records. This field and SMF89UET define the hour 'bucket' that the usage data reflects. This field is only filled in for the SMF89 SubType 1 RECORDS.
zUSD	DATE	4	(IBM name: SMF89USD) Usage data interval START Date in the form 0cyydddF. See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description. This field is only filled in for the SMF89 SubType 1 RECORDS.
zUET	TIME	4	(IBM name: SMF89UET) Usage data interval END time (local, hundredths of a second from midnight). This is usually an hour value (such as 01:00:00.00). This field and SMF89UST define the hour 'bucket' that the usage data reflects. This field is only filled in for the SMF89 SubType 1 RECORDS.
zUED	DATE	4	(IBM name: SMF89UED) Usage data interval END date in the form 0cyydddF. See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description. This field is only filled in for the SMF89 SubType 1 RECORDS.
zCMN	HEX	2	(IBM name: SMF89CMN) CPU model number.
zCVN	INT	1	(IBM name: SMF89CVN) CPU version number.
zLPI	INT	1	(IBM name: SMF89LPI) LPAR indicators: Bit Meaning when set 0 THE one digit LPAR ID

			contained in SMF89LP2 (bit 4) is valid (SMF89LPV). 1 THE two digit LPAR ID contained in field SMF89LP3 is valid (SMF89LPM). 2 - 3 Reserved. 4-7 The one digit LPAR ID (X'0-F') (SMF89LP2). Note: 1. For a one digit LPAR ID (X'0-F'), both SMF89LPV (bit 0) and SMF89LPM (bit 1) is on and both SMF89LP2 (bits 4-7) and field SMF89LP3 contain the LPAR ID. 2. For the two digit LPAR ID (greater than X'F'), SMF89LPM (bit 1) is on, and SMF89LP3 contains the LPAR ID.
zSER	HEX	3	(IBM name: SMF89SER) CPU serial number.
zLP3	INT	1	(IBM name: SMF89LP3) LPAR ID.
zRPP	INT	4	(IBM name: SMF89RPP) CPU relative processing power indicator.
zSPN	CHAR	8	(IBM name: SMF89SPN) Sysplex name (from the SYSPLEX parameter in the COUPLExx parmlib member).
zCPT	CHAR	6	(IBM name: SMF89CPT) CPC type number (blanks if data is not available).
zCPM	CHAR	3	(IBM name: SMF89CPM) CPC model number (blanks if data is not available).
zCPS	CHAR	12	(IBM name: SMF89CPS) CPC sequence number (blanks if data is not available).
zSIF	INT	1	(IBM name: SMF89SIF) Bit Meaning when set 0 FIELD SMF89LPN is valid. (SMF89LNV) 1 THIS is the last record for this usage interval. (SMF89LCR) 2 - 7 Reserved.
zMNF	CHAR	16	(IBM name: SMF89MNF) V1-CPC manufacturer.
zTID	CHAR	4	(IBM name: SMF89TID) V1-CPC type.
zMDL	CHAR	16	(IBM name: SMF89MDL) V1-CPC model.
zSQC	CHAR	16	(IBM name: SMF89SQC) V1-CPC sequence code.
zPOM	CHAR	4	(IBM name: SMF89POM) V1-CPC plant of manufacturer.
zCPC	INT	4	(IBM name: SMF89CPC) CPU capability.
zCCC	INT	2	(IBM name: SMF89CCC) Configured CPU count.
zSCC	INT	2	(IBM name: SMF89SCC) Standby CPU count.
zMAF	INT	2	(IBM name: SMF89MAF) Array of multiprocessing CPU capability adjustment factors. This array contains information for only the first 15 GENERAL processors. Obtain additional processor information from RMF records, or issuing the STSI instruction.
zLPN	CHAR	8	(IBM name: SMF89LPN) LPAR name when SYSIB 2.2.2 is valid, when returned by the STSI instruction (such as when running under z/VM). Bit SMF89LPV is on when the field is valid. Avoid looking at this field unless SMF89LNV is on.
z_Capacity_Change_Cnt	INT	2	(IBM name: SMF89_Capacity_Change_Cnt) The number of processor capacity changes that occurred since the previous interval or event interval. This number is greater than 1 WHEN the number of processor capacity changes exceeded the number specified in the MAXEVENTINTRECS parmlib option.
z_RCTPCPUA_Actual	INT	4	(IBM name: SMF89_RCTPCPUA_Actual) Physical CPU adjustment factor (this is the adjustment factor for converting CPU time to equivalent service in basic-mode with all processors online). Based on model capacity rating.

z_RCTPCPUA_Nominal	INT	4	(IBM name: SMF89_RCTPCPUA_Nominal) Physical CPU adjustment factor (this is the adjustment factor for converting CPU time to equivalent service in basic-mode with all processors online). Based on nominal model capacity rating.
z_RCTPCPUA_scaling_factor	INT	4	(IBM name: SMF89_RCTPCPUA_scaling_factor) Scaling factor for SMF89_RCTPCPUA_Actual and SMF89_RCTPCPUA_Nominal.
z_Capacity_Adjustment_Ind	INT	1	(IBM name: SMF89_Capacity_Adjustment_Ind) When: 0 THE indication is not reported. 1-99 Some amount of reduction is indicated. 100 THE machine is operating in normal capacity. The Primary CPU and all secondary-type CPU are similarly affected.
z_Capacity_Change_Rsn	INT	1	(IBM name: SMF89_Capacity_Change_Rsn) Indicates the reason that is associated with the present value contained in SMF89_Capacity_Adjustment_Ind. The bit values of this field correspond to those described in RMCTZ_Capacity_Adjustment_Indication of the IRARMCTZ mapping macro. (See z/OS MVS Data Areas.)
z_Capacity_Flags	INT	1	(IBM name: SMF89_Capacity_Flags) Processor capacity flags. Bit Meaning when set 0 SMF89_EVENT_DRIVEN_INTERVAL_REC Meaning: When on, indicates that the current record was generated as a result of an event, rather than as a result of a standard interval expiration based on time. 1 SMF89_CAPACITY_DATA_ERR Meaning: When on, indicates that an error occurred while collecting the processor capacity data, therefore the following fields are unreliable: SMF89_RCTPCPUA_Actual SMF89_RCTPCPUA_Nominal SMF89_RCTPCPUA_scaling_factor SMF89_Capacity_Adjustment_Ind SMF89_Capacity_Change_Rsn 2 SMF89_PCD_RSVD_EXISTS Meaning: When on, indicates records generated on systems running z/OS V1R7 through z/OS V1R9. When off, indicates records generated on systems running z/OS V1R10 and later.
zZNF	INT	4	(IBM name: SMF89ZNF) zAAP normalization factor for IFA service time.
zSNF	INT	4	(IBM name: SMF89SNF) zIIP Normalization factor for zIIP service time.
zSEQ	INT	2	(IBM name: SMF89SEQ) Record sequence number when multiple records are written for the same interval.
zSolID	CHAR	64	(IBM name: SMF89SolutionID) The Solution ID from the SOLUT= system parameter. Binary 0's if SOLUT= was not used

Secondary segment: **SMF089_01_Usage**

Field Name	Type	Len	Description
<i>SMF089_01_Usage.<fieldname></i>			
zUPO	CHAR	16	(IBM name: SMF89UPO) Product owner or vendor name (specified on the PRODOWNER option of the IFAUSAGE macro).
zUPN	CHAR	16	(IBM name: SMF89UPN) Product name (specified on the PRODNAME option of the IFAUSAGE macro).
zUPV	CHAR	8	(IBM name: SMF89UPV) Product version (specified on the PRODVERS option of the IFAUSAGE macro).
zUPQ	CHAR	8	(IBM name: SMF89UPQ) Product qualifier (specified on the PRODQUAL option of the IFAUSAGE macro).
zUPI	CHAR	8	(IBM name: SMF89UPI) Product ID number (specified on the PRODID option of the IFAUSAGE macro).

			macro).
zUCT	TIME	4	(IBM name: SMF89UCT) floating point Product TCB time.
zUSR	TIME	4	(IBM name: SMF89USR) floating point Product SRB time.

SMF089_01_Usage.zUFG.<fieldname>

zUnauth	BIT	1	Unauthorized register
zIneligible	BIT	1	Ineligible for measured usage
zUnauthL1	BIT	1	Unauthorized register with SAF-authorized UNAUTHSERV=LEVEL1 requested

SMF089_01_Usage.zUF2.<fieldname>

zPITS	BIT	1	This product has product intersection time sections (SMF89HCS).
zADDRSP1	BIT	1	All ADDRSP registrations of this product are the first registration in the respective address space (SMF89AFS).
zADDRSP2	BIT	1	An ADDRSP registration of this product registered or deregister while active TASK level registrations were present in one or more address spaces (SMF89TSH).
zADDRSP3	BIT	1	All ADDRSP level registrations were at a service level that support product intersection time (SMF89PLV).
zTRG	BIT	1	This intersection has Tenant Resource Group Sections. Check SMF89TCO for the offset to the first TRG Intersection section. Then check each of those in the section for an exact match of the product information to find the corresponding section (SMF89HTR)

SMF089_01_Usage.z_BoostInfo.<fieldname>

z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	

SMF089_01_Usage.zURT.<fieldname>

zNoData	BIT	1	No data specified
zTimeFlt	BIT	1	CPU Time in long floating point (in hundredths of a second).
zBin64	BIT	1	Binary (64-bit)
zLong	BIT	1	Long floating point

SMF089_01_Usage.<fieldname>

zURD	HEX	8	(IBM name: SMF89URD) Product specific resource data (specified by the data option of the IFAUSAGE macro FUNCTIONDATA request). SMF89URT identifies the format of the data in this field.
zUZT	FLOAT	8	(IBM name: SMF89UZT) floating point Product offload engine time (hundredth of a second).
zCountAsTrad	INT	4	(IBM name: SMF89CountAsTrad) Count of active address spaces in traditional (non-TRG) subcapacity workload environment.
zCountAsTrg	INT	4	(IBM name: SMF89CountAsTrg) Count of active address spaces in TRG workload environment.

Secondary segment: SMF089_01_Prod_Intersec

Field Name	Type	Len	Description
<i>SMF089_01_Prod_Intersec.<fieldname></i>			
zCPO	CHAR	16	(IBM name: SMF89CPO) Product owner or vendor name (obtained PRODOWNER option of IFAUSAGE macro) of the containing product.
zCPN	CHAR	16	(IBM name: SMF89CPN) Product Name (obtained PRODNAME option of IFAUSAGE macro) of the containing product.
zCPV	CHAR	8	(IBM name: SMF89CPV) Product Version (obtained PRODVERS option of IFAUSAGE macro) of the containing product.
zCPQ	CHAR	8	(IBM name: SMF89CPQ) Product Qualifier (obtained PRODQUAL option of IFAUSAGE macro) of the containing product.
zCPI	CHAR	8	(IBM name: SMF89CPI) Product ID (obtained PRODID option of IFAUSAGE macro) of the containing product.
zIPO	CHAR	16	(IBM name: SMF89IPO) Product Owner or Vendor Name (obtained PRODOWNER option of IFAUSAGE macro) of the intersecting product.
zIPN	CHAR	16	(IBM name: SMF89IPN) Product Name (obtained PRODNAME option of IFAUSAGE macro) of the intersecting product.
zIPV	CHAR	8	(IBM name: SMF89IPV) Product Version (obtained PRODVERS option of IFAUSAGE macro) of the intersecting product.
zIPQ	CHAR	8	(IBM name: SMF89IPQ) Product Qualifier (obtained PRODQUAL option of IFAUSAGE macro) of the intersecting product.
zIPI	CHAR	8	(IBM name: SMF89IPI) Product ID (obtained PRODID option of IFAUSAGE macro) of the intersecting product.

<i>SMF089_01_Prod_Intersec.zCFG.<fieldname></i>			
zContU	BIT	1	The container product was registered unauthorized (SMF89CUC).
zIProdU	BIT	1	The intersecting product was registered unauthorized (SMF89CUP).
zScopeF	BIT	1	Some time for the intersection was a result of a SCOPE(FUNCTION) registered product (SMF89CFC).
zScopeA	BIT	1	Some time for the intersection was a result of a SCOPE(ALL) registered product (SMF89CTC).
zComplete	BIT	1	Intersection time might be complete for this product. Note: Not all products use (SMF89CGO).
zTRGS	BIT	1	This intersection has Tenant Resource Group Sections. Check SMF89TCO for the offset to the first TRG Intersection section. Then check each of those in the section for an exact match of the product information to find the corresponding section (SMF89CHTR).

<i>SMF089_01_Prod_Intersec.<fieldname></i>			
zCCT	TIME	4	(IBM name: SMF89CCT) floating point Product Intersect TCB Time
zCZT	TIME	4	(IBM name: SMF89CZT) floating point Product Intersect Offload Engine Time

Secondary segment: SMF089_01_Tenant_ResGrp

Field Name	Type	Len	Description
<i>SMF089_01_Tenant_ResGrp.<fieldname></i>			
zTPO	CHAR	16	(IBM name: SMF89TPO) Product owner or vendor name (specified on the PRODOWNER option of the IFAUSAGE macro).
zTPN	CHAR	16	(IBM name: SMF89TPN) Product name (specified on the PRODNAME option of the IFAUSAGE macro).
zTPV	CHAR	8	(IBM name: SMF89TPV) Product version (specified on the PRODVERS option of the IFAUSAGE macro).
zTPQ	CHAR	8	(IBM name: SMF89TPQ) Product qualifier (specified on the PRODQUAL option of the IFAUSAGE macro).
zTPI	CHAR	8	(IBM name: SMF89TPI) Product ID number (specified on the PRODID option of the IFAUSAGE macro).
zTRG_Name	CHAR	8	(IBM name: SMF89TRG_Name) Tenant resource group.
zTCT	FLOAT	8	(IBM name: SMF89TCT) floating point Tenant resource group TCB time (hundredths of a second floating point)
zTSR	TIME	4	(IBM name: SMF89TSR) floating point TRG SRB Time (floating point) 80 54 SMF89TZT 8 LONG floating point TRG offload engine time (hundredth of a second).
zTRGData	HEX	8	(IBM name: SMF89TRGData) Product specific resource data (specified by the data option of the IFAUSAGE macro FUNCTIONDATA request). SMF89URT identifies the format of the data in this field.

<i>SMF089_01_Tenant_ResGrp.zTRGDataType.<fieldname></i>			
zNoData	BIT	1	No data specified
zTimeFlt	BIT	1	CPU Time in long floating point (in hundredths of a second).
zBin64	BIT	1	Binary (64-bit)
zLong	BIT	1	Long floating point

Secondary segment: SMF089_01_Tenant_ResGrp_Intersec

Field Name	Type	Len	Description
<i>SMF089_01_Tenant_ResGrp_Intersec.<fieldname></i>			
zTCPO	CHAR	16	(IBM name: SMF89TCPO) Product owner or vendor name (specified on the PRODOWNER option of the IFAUSAGE macro).
zTCPN	CHAR	16	(IBM name: SMF89TCPN) Product name (specified on the PRODNAME option of the IFAUSAGE macro).
zTCPV	CHAR	8	(IBM name: SMF89TCPV) Product version (specified on the PRODVERS option of the IFAUSAGE macro).
zTCPQ	CHAR	8	(IBM name: SMF89TCPQ) Product qualifier (specified on the PRODQUAL option of the IFAUSAGE macro).
zTCPI	CHAR	8	(IBM name: SMF89TCPI) Product ID number (specified on the PRODID option of the IFAUSAGE macro).

			macro).
zTIPO	CHAR	16	(IBM name: SMF89TIPO) Intersecting Product Owner or Vendor Name (obtained PRODOWNER option of IFAUSAGE macro).
zTIPN	CHAR	16	(IBM name: SMF89TIPN) Intersecting Product Name (obtained PRODNAME option of IFAUSAGE macro).
zTIPV	CHAR	8	(IBM name: SMF89TIPV) Intersecting Product Version (obtained PRODVERS option of IFAUSAGE macro).
zTIPQ	CHAR	8	(IBM name: SMF89TIPQ) Intersecting Product Qualifier (obtained PRODQUAL option of IFAUSAGE macro).
zTIPI	CHAR	8	(IBM name: SMF89TIPI) Intersecting Product ID (obtained PRODID option of IFAUSAGE macro).
zT_TRG_Name	CHAR	8	(IBM name: SMF89T_TRG_Name) Tenant resource group.

SMF089_01_Tenant_ResGrp_Intersec.zTCFG.<fieldname>

zContUR	BIT	1	UNAUTHORIZED REGISTER Requested on container product (SMF89TCUC).
zProdUR	BIT	1	UNAUTHORIZED REGISTER Requested on intersecting product (SMF89TCUP).

SMF089_01_Tenant_ResGrp_Intersec.<fieldname>

zTCCT	FLOAT	8	(IBM name: SMF89TCCT) floating point Product Intersect TCB time (hundredths of a second floating point).
zTCZT	FLOAT	8	(IBM name: SMF89TCZT) floating point Product Intersection Offload Engine Time (hundredths of a second - floating point).

Secondary segment: SMF089_02_State

Field Name	Type	Len	Description
SMF089_02_State.<fieldname>			
zProdOwner	CHAR	16	(IBM name: SMF89T2ProdOwner) Product owner or vendor name (from the prodowner parameter on the Register service or the OWNER field on the PROD statement in IFAPRDxx).
zProdName	CHAR	16	(IBM name: SMF89T2ProdName) Product name (from the prodname parameter on the Register service or the NAME field on the PROD statement in IFAPRDxx).
zFeatureName	CHAR	16	(IBM name: SMF89T2FeatureName) Feature name (from the featurename parameter on the Register service or the FEATURENAME field on the PROD statement in IFAPRDxx).
zProdVers	CHAR	2	(IBM name: SMF89T2ProdVers) Product version (from the prodvers parameter on the Register service or the VERSION field on the PROD statement in IFAPRDxx).
zProdRel	CHAR	2	(IBM name: SMF89T2ProdRel) Product release (from the prodrel parameter on the Register service or the RELEASE field on the PROD statement in IFAPRDxx).
zProdMod	CHAR	2	(IBM name: SMF89T2ProdMod) Product modification level (from the prodmod parameter on the Register service or the MOD field on the PROD statement in IFAPRDxx).
zProdID	CHAR	8	(IBM name: SMF89T2ProdID) Product identifier (from the prodID parameter on the Register service or

			the ID field on the PROD statement in IFAPRDxx).
SMF089_02_State.zFlags.<fieldname>			
zIFAPRD1	BIT	1	Entry is not defined in IFAPRDxx
zIFAPRD2	BIT	1	Entry is enabled in IFAPRDxx
zRegister	BIT	1	Register entry
zState	BIT	1	State entry
zNoReport	BIT	1	'No Report' entry - registered with Ifaedreg_Type_NoReport
zLicUndProd	BIT	1	Registered with Ifaedreg_Type_LicensedUnderProd
SMF089_02_State.z_BoostInfo.<fieldname>			
z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_Boost_Class	BINT (ENUM)	3	
SMF089_02_State.<fieldname>			
zNumInstances	INT	4	(IBM name: SMF89T2NumInstances) Number of instances of registration for this product.
zNumCurrentInstances	INT	4	(IBM name: SMF89T2NumCurrentInstances) Current number of instances of registrations of this product. This field cannot be assumed to be present. Check SMF89UDL to see if this field is present.
zNumInstancesinTrgs	INT	4	(IBM name: SMF89T2NumInstancesinTrgs) Number of instances of registrations of this product that are currently associated with TRGs. Check the SMF89T2TRG section for details. This field cannot be assumed to be present. Check SMF89UDL to see if this field is present.
zNumNewRegistrations	INT	4	(IBM name: SMF89T2NumNewRegistrations) Number of instances of registrations of this product since the last SMF89 Record. This field cannot be assumed to be present. Check SMF89UDL to see if this field is present.
zNumNewTrgRegistrations	INT	4	(IBM name: SMF89T2NumNewTrgRegistrations) Number of instances of registrations of this product since the last SMF89 Record that were a part of TRGs. This field cannot be assumed to be present. Check SMF89UDL to see if this field is present.

Secondary segment: SMF089_02_State_Tenant_ResGrpsec

Field Name	Type	Len	Description
SMF089_02_State_Tenant_ResGrpsec.<fieldname>			
zTRGProdOwner	CHAR	16	(IBM name: SMF89T2TRGProdOwner) Product Owner or Vendor Name (from prodowner parameter of IFAEDREG or OWNER option of PRODUCT statement of IFAPRDxx)
zTRGProdName	CHAR	16	(IBM name: SMF89T2TRGProdName) Product name (from prodname parameter of IFAEDREG or NAME option of PRODUCT statement of IFAPRDxx)
zTRGFeatureName	CHAR	16	(IBM name: SMF89T2TRGFeatureName) Feature name (from featurename parameter of IFAEDREG or FEATURENAME option of PRODUCT statement of IFAPRDxx)
zTRGProdVers	CHAR	2	(IBM name: SMF89T2TRGProdVers) Product version (from prodvers parameter of IFAEDREG or VERSION option of PRODUCT statement of IFAPRDxx)
zTRGProdRel	CHAR	2	(IBM name: SMF89T2TRGProdRel) Product release (from prodrel parameter of IFAEDREG or RELEASE

			option of PRODUCT statement of IFAPRDxx)
zTRGProdMod	CHAR	8	(IBM name: SMF89T2TRGProdMod) Product modification level(from prodmod parameter of IFAEDREG or MOD option of PRODUCT statement of IFAPRDxx)
zTRGProdID	CHAR	8	(IBM name: SMF89T2TRGProdID) Product ID (from prodowner parameter of IFAEDREG or OWNER option of PRODUCT statement of IFAPRDxx)
zTrgName	CHAR	8	(IBM name: SMF89T2TrgName) Tenant Resource Group Name
zTrgNumInstances	INT	4	(IBM name: SMF89T2TrgNumInstances) Current number of registration of this product currently in this TRG

Record Type 90 - System Status

SMF Record 90 (System Status) is mapped by structure member "T090".

Primary Segment:

- [SMF090_System_Status](#)

Secondary Segment(s): 75 (in alphabetical order)

- [SMF090_Product](#)
- [SMF090_01_SET_TIME](#)
- [SMF090_02_SET_DATE](#)
- [SMF090_05_Command](#)
- [SMF090_05_Subsystem](#)
- [SMF090_05_Subsystem_Parameter](#)
- [SMF090_05_SET_SMF](#)
- [SMF090_05_SMF_Dataset](#)
- [SMF090_06_SWITCH_SMF](#)
- [SMF090_07_HALT_EOD](#)
- [SMF090_08_IPL_PROMPT](#)
- [SMF090_09_Command](#)
- [SMF090_09_IPL_SMF](#)
- [SMF090_09_Subsystem](#)
- [SMF090_09_Subsystem_Parameter](#)
- [SMF090_09_SMF_Dataset](#)
- [SMF090_10_IPL_SRM](#)
- [SMF090_11_SET_OPT](#)
- [SMF090_13_Command](#)
- [SMF090_13_Subsystem](#)
- [SMF090_13_Subsystem_Parameter](#)
- [SMF090_13_SETSMF](#)
- [SMF090_13_SMF_Dataset](#)
- [SMF090_14_SET_MPF](#)
- [SMF090_15_Command](#)
- [SMF090_15_Subsystem](#)
- [SMF090_15_Subsystem_Parameter](#)
- [SMF090_15_SET_SMF_Restart](#)
- [SMF090_15_SMF_Dataset](#)
- [SMF090_16_SET_DAE](#)
- [SMF090_17_SET_PFK](#)
- [SMF090_18_SET_GRSRNL](#)
- [SMF090_19_SET_APPC](#)
- [SMF090_20_SET_ASCH](#)
- [SMF090_21_SET_SCH](#)
- [SMF090_22_SET_CNGRP](#)
- [SMF090_23_IPL_WLM](#)
- [SMF090_24_EWLM_Managed_Server_Definition](#)
- [SMF090_24_EWLM_Managed_Server_Excluded_Synames](#)
- [SMF090_24_Report_Class_Definition](#)
- [SMF090_24_Resource_Group_Definition](#)
- [SMF090_24_Service_Class_Definition](#)
- [SMF090_24_Service_Class_Period](#)
- [SMF090_24_Service_Policy_Definition](#)
- [SMF090_24_VARY_WLM](#)
- [SMF090_24_Workload_Definition](#)
- [SMF090_25_MODIFY_WLM](#)
- [SMF090_26_IPL_LOGREC](#)
- [SMF090_27_SETXCF_START](#)
- [SMF090_28_SETXCF_STOP](#)
- [SMF090_29_SET_PROG_LNKLST](#)
- [SMF090_30_RESET](#)
- [SMF090_31_ADD_ModEntry](#)

- SMF090_31_ADD_ModEntry_Abend
- SMF090_31_ADD_ModEntry_Fail
- SMF090_31_ADD_ModEntry_Success
- SMF090_31_ADD_ModEntry_SVC
- SMF090_31_DELETE_ModEntry
- SMF090_31_SET_PROG_LPALST
- SMF090_32_Extended_Data
- SMF090_32_Resource
- SMF090_32_Scheduling_Environment
- SMF090_32_Scheduling_Environment_Extension
- SMF090_32_Scheduling_Environment_Resource
- SMF090_32_WLM_Policy_Change
- SMF090_33_SET_AUTOR
- SMF090_34_Processor_Capacity_Change
- SMF090_35_SETLOAD_xx_IEASYM
- SMF090_36_SET_CON
- SMF090_37_Dynamic_APF
- SMF090_38_DDJobName
- SMF090_38_OldNew
- SMF090_38_SET_IEFOPZ
- SMF090_39_SET_SMFLIM
- SMF090_40_Boost_Info

Primary segment: SMF090_System_Status

Field Name	Type	Len	Description
SMF090_System_Status.<fieldname>			
SMF090_System_Status.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF90FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM Name: SMF90RTY) Record type 90 (X'5A').
zTME	TSTMP	8	(IBM Name: SMF90TME) Date and time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF90SID) System identification (from the SID parameter).
zSSI	CHAR	2	Reserved.
zPRO	INT	4	(IBM Name: SMF90POF) Offset to product section from start of record, including the record descriptor word (RDW).
zPRL	INT	2	(IBM Name: SMF90PLN) Length of the product section.
zPRN	INT	2	(IBM Name: SMF90PON) Number of product sections.
zDOF	INT	4	(IBM Name: SMF90DOF) Offset to subtype data section from start of record, including the record descriptor word (RDW).
zDLN	INT	2	(IBM Name: SMF90DLN) Length of subtype data section.
zDON	INT	2	(IBM Name: SMF90DON) Number of subtype data sections.

Secondary segment: SMF090_Product

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF090_Product.<fieldname>			
zSTY	INT	2	(IBM name: SMF90TID) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zRVN	CHAR	2	(IBM name: SMF90PDL) Product level.
zPDN	CHAR	8	(IBM name: SMF90PDN) Product name.

Secondary segment: SMF090_01_SET_TIME

Field Name	Type	Len	Description
SMF090_01_SET_TIME.<fieldname>			
zOTM	TSTMP	8	(IBM Name: SMF90OTM) Date and time before the SET command was issued.
zNTM	TSTMP	8	(IBM Name: SMF90NTM) Date and time after the SET command was issued.

Secondary segment: SMF090_02_SET_DATE

Field Name	Type	Len	Description
SMF090_02_SET_DATE.<fieldname>			
zOTM	TSTMP	8	(IBM Name: SMF90OTM) Date and time before the SET command was issued.
zNTM	TSTMP	8	(IBM Name: SMF90NTM) Date and time after the SET command was issued.

Secondary segment: SMF090_05_SET_SMF

Field Name	Type	Len	Description
SMF090_05_SET_SMF.<fieldname>			
zOSM	INT	4	(IBM Name: SMF90OSM) Offset to IPL SMF or SET SMF section from start of record, including the record descriptor word (RDW).
zLSM	INT	2	(IBM Name: SMF90LSM) Length of IPL SMF or SET SMF section.
zNSM	INT	2	(IBM Name: SMF90NSM) Number of IPL SMF or SET SMF sections.
zODA	INT	4	(IBM Name: SMF90ODA) Offset to data set section from the start of record, including the record descriptor word (RDW).
zLDA	INT	2	(IBM Name: SMF90LDA) Length of the data set section.
zNDA	INT	2	(IBM Name: SMF90NDA) Number of data set sections.
zOWK	INT	4	(IBM Name: SMF90OWK) Offset to subsystem section from the start of the record, including the record descriptor word (RDW).

zLWK	INT	2	(IBM Name: SMF90LWK) Length of subsystem section.
zNWK	INT	2	(IBM Name: SMF90NWK) Number of subsystem sections.
zOOT	INT	4	(IBM Name: SMF90OOT) Offset to subsystem parameter segment.
zLOT	INT	2	(IBM Name: SMF90LOT) Length of subsystem parameter segment.
zNOT	INT	2	(IBM Name: SMF90NOT) Number of subsystem parameter segments.

Secondary segment: **SMF090_05_Command**

Field Name	Type	Len	Description
<i>SMF090_05_Command.<fieldname></i>			
zMAX	CHAR	4	(IBM Name: SMF90MAX) Current value for MAXDORM, in the form mmss.
zSTA	CHAR	6	(IBM Name: SMF90STA) Current value for STATUS, in the form hhmmss.
zJWT	CHAR	4	(IBM Name: SMF90JWT) Current value for JWT, in the form hhmm.
zSYI	CHAR	4	(IBM Name: SMF90SYI) System identification.
zBUF	INT	1	(IBM Name: SMF90BUF) Minimum number of buffers for older releases, otherwise 0.
zBUM	INT	1	(IBM Name: SMF90BUM) Minimum number of buffers for older releases, otherwise 0.

<i>SMF090_05_Command.zSWT.<fieldname></i>			
zPROMPT	BINT (ENUM)	4	PROMPT/NOPROMPT option.
zREC	BINT (ENUM)	2	REC/NOREC option.
zLISTDSN	BINT (ENUM)	2	LISTDSN/NOLISTDSN option.

<i>SMF090_05_Command.zSW2.<fieldname></i>			
zNOBUFFS	BINT (ENUM)	2	NOBUFFS option.
zLASTDS	BINT (ENUM)	2	LASTDS option.
zAUTHSETSMF	BINT (ENUM)	2	AUTHSETSMF/NOAUTHSETSMF option.
zSMF30COUNT	BINT (ENUM)	2	SMF30COUNT/NOSMF30COUNT option.

<i>SMF090_05_Command.zSBU.<fieldname></i>			
zSID	BINT (ENUM)	6	SID option.

<i>SMF090_05_Command.<fieldname></i>			
zREL	CHAR	4	(IBM Name: SMF90REL) Operating system release number.

zIIT	TSTMP	8	(IBM Name: SMF90IIT) Date and time of IPL.
zBFM	CHAR	5	(IBM Name: SMF90BFM) BUFSIZMAX value (ddddd).
zBFL	CHAR	2	(IBM Name: SMF90BFL) BUFUSEWARN value (dd).
zESWT	CHAR	4	(IBM Name: SMF90ESWT) SWT as entered in SMFPRMxx.
zETWT	CHAR	4	(IBM Name: SMF90ETWT) TWT as entered in SMFPRMxx.

Secondary segment: SMF090_05_SMF_Dataset

Field Name	Type	Len	Description
<i>SMF090_05_SMF_Dataset.<fieldname></i>			
zDSN	CHAR	44	(IBM Name: SMF90DSN) SMF data set name.

Secondary segment: SMF090_05_Subsystem

Field Name	Type	Len	Description
<i>SMF090_05_Subsystem.<fieldname></i>			
zWKN	CHAR	4	(IBM Name: SMF90WKN) Name of subsystem.

SMF090_05_Subsystem.zDTL.<fieldname>

zDetail	BIT	1	Detail recording on.
---------	-----	---	----------------------

SMF090_05_Subsystem.<fieldname>

zSVL	TSTMP	8	(IBM Name: SMF90SVL) Length of interval, in TOD clock format, between checkpoint SMF records.
------	-------	---	--

SMF090_05_Subsystem.zSYS.<fieldname>

SMF0	BIT	1	Recording enabled for SMF000.
SMF1	BIT	1	Recording enabled for SMF001.
SMF2	BIT	1	Recording enabled for SMF002.
SMF3	BIT	1	Recording enabled for SMF003.
SMF4	BIT	1	Recording enabled for SMF004.
SMF5	BIT	1	Recording enabled for SMF005.
SMF6	BIT	1	Recording enabled for SMF006.
SMF7	BIT	1	Recording enabled for SMF007.
SMF8	BIT	1	Recording enabled for SMF008.
SMF9	BIT	1	Recording enabled for SMF009.
SMF10	BIT	1	Recording enabled for SMF010.
SMF11	BIT	1	Recording enabled for SMF011.
SMF12	BIT	1	Recording enabled for SMF012.

SMF13	BIT	1	Recording enabled for SMF013.
SMF14	BIT	1	Recording enabled for SMF014.
SMF15	BIT	1	Recording enabled for SMF015.
SMF16	BIT	1	Recording enabled for SMF016.
SMF17	BIT	1	Recording enabled for SMF017.
SMF18	BIT	1	Recording enabled for SMF018.
SMF19	BIT	1	Recording enabled for SMF019.
SMF20	BIT	1	Recording enabled for SMF020.
SMF21	BIT	1	Recording enabled for SMF021.
SMF22	BIT	1	Recording enabled for SMF022.
SMF23	BIT	1	Recording enabled for SMF023.
SMF24	BIT	1	Recording enabled for SMF024.
SMF25	BIT	1	Recording enabled for SMF025.
SMF26	BIT	1	Recording enabled for SMF026.
SMF27	BIT	1	Recording enabled for SMF027.
SMF28	BIT	1	Recording enabled for SMF028.
SMF29	BIT	1	Recording enabled for SMF029.
SMF30	BIT	1	Recording enabled for SMF030.
SMF31	BIT	1	Recording enabled for SMF031.
SMF32	BIT	1	Recording enabled for SMF032.
SMF33	BIT	1	Recording enabled for SMF033.
SMF34	BIT	1	Recording enabled for SMF034.
SMF35	BIT	1	Recording enabled for SMF035.
SMF36	BIT	1	Recording enabled for SMF036.
SMF37	BIT	1	Recording enabled for SMF037.
SMF38	BIT	1	Recording enabled for SMF038.
SMF39	BIT	1	Recording enabled for SMF039.
SMF40	BIT	1	Recording enabled for SMF040.
SMF41	BIT	1	Recording enabled for SMF041.
SMF42	BIT	1	Recording enabled for SMF042.
SMF43	BIT	1	Recording enabled for SMF043.
SMF44	BIT	1	Recording enabled for SMF044.
SMF45	BIT	1	Recording enabled for SMF045.
SMF46	BIT	1	Recording enabled for SMF046.
SMF47	BIT	1	Recording enabled for SMF047.
SMF48	BIT	1	Recording enabled for SMF048.
SMF49	BIT	1	Recording enabled for SMF049.
SMF50	BIT	1	Recording enabled for SMF050.
SMF51	BIT	1	Recording enabled for SMF051.
SMF52	BIT	1	Recording enabled for SMF052.
SMF53	BIT	1	Recording enabled for SMF053.
SMF54	BIT	1	Recording enabled for SMF054.
SMF55	BIT	1	Recording enabled for SMF055.

SMF56	BIT	1	Recording enabled for SMF056.
SMF57	BIT	1	Recording enabled for SMF057.
SMF58	BIT	1	Recording enabled for SMF058.
SMF59	BIT	1	Recording enabled for SMF059.
SMF60	BIT	1	Recording enabled for SMF060.
SMF61	BIT	1	Recording enabled for SMF061.
SMF62	BIT	1	Recording enabled for SMF062.
SMF63	BIT	1	Recording enabled for SMF063.
SMF64	BIT	1	Recording enabled for SMF064.
SMF65	BIT	1	Recording enabled for SMF065.
SMF66	BIT	1	Recording enabled for SMF066.
SMF67	BIT	1	Recording enabled for SMF067.
SMF68	BIT	1	Recording enabled for SMF068.
SMF69	BIT	1	Recording enabled for SMF069.
SMF70	BIT	1	Recording enabled for SMF070.
SMF71	BIT	1	Recording enabled for SMF071.
SMF72	BIT	1	Recording enabled for SMF072.
SMF73	BIT	1	Recording enabled for SMF073.
SMF74	BIT	1	Recording enabled for SMF074.
SMF75	BIT	1	Recording enabled for SMF075.
SMF76	BIT	1	Recording enabled for SMF076.
SMF77	BIT	1	Recording enabled for SMF077.
SMF78	BIT	1	Recording enabled for SMF078.
SMF79	BIT	1	Recording enabled for SMF079.
SMF80	BIT	1	Recording enabled for SMF080.
SMF81	BIT	1	Recording enabled for SMF081.
SMF82	BIT	1	Recording enabled for SMF082.
SMF83	BIT	1	Recording enabled for SMF083.
SMF84	BIT	1	Recording enabled for SMF084.
SMF85	BIT	1	Recording enabled for SMF085.
SMF86	BIT	1	Recording enabled for SMF086.
SMF87	BIT	1	Recording enabled for SMF087.
SMF88	BIT	1	Recording enabled for SMF088.
SMF89	BIT	1	Recording enabled for SMF089.
SMF90	BIT	1	Recording enabled for SMF090.
SMF91	BIT	1	Recording enabled for SMF091.
SMF92	BIT	1	Recording enabled for SMF092.
SMF93	BIT	1	Recording enabled for SMF093.
SMF94	BIT	1	Recording enabled for SMF094.
SMF95	BIT	1	Recording enabled for SMF095.
SMF96	BIT	1	Recording enabled for SMF096.
SMF97	BIT	1	Recording enabled for SMF097.
SMF98	BIT	1	Recording enabled for SMF098.

SMF99	BIT	1	Recording enabled for SMF099.
SMF100	BIT	1	Recording enabled for SMF100.
SMF101	BIT	1	Recording enabled for SMF101.
SMF102	BIT	1	Recording enabled for SMF102.
SMF103	BIT	1	Recording enabled for SMF103.
SMF104	BIT	1	Recording enabled for SMF104.
SMF105	BIT	1	Recording enabled for SMF105.
SMF106	BIT	1	Recording enabled for SMF106.
SMF107	BIT	1	Recording enabled for SMF107.
SMF108	BIT	1	Recording enabled for SMF108.
SMF109	BIT	1	Recording enabled for SMF109.
SMF110	BIT	1	Recording enabled for SMF110.
SMF111	BIT	1	Recording enabled for SMF111.
SMF112	BIT	1	Recording enabled for SMF112.
SMF113	BIT	1	Recording enabled for SMF113.
SMF114	BIT	1	Recording enabled for SMF114.
SMF115	BIT	1	Recording enabled for SMF115.
SMF116	BIT	1	Recording enabled for SMF116.
SMF117	BIT	1	Recording enabled for SMF117.
SMF118	BIT	1	Recording enabled for SMF118.
SMF119	BIT	1	Recording enabled for SMF119.
SMF120	BIT	1	Recording enabled for SMF120.
SMF121	BIT	1	Recording enabled for SMF121.
SMF122	BIT	1	Recording enabled for SMF122.
SMF123	BIT	1	Recording enabled for SMF123.
SMF124	BIT	1	Recording enabled for SMF124.
SMF125	BIT	1	Recording enabled for SMF125.
SMF126	BIT	1	Recording enabled for SMF126.
SMF127	BIT	1	Recording enabled for SMF127.
SMF128	BIT	1	Recording enabled for SMF128.
SMF129	BIT	1	Recording enabled for SMF129.
SMF130	BIT	1	Recording enabled for SMF130.
SMF131	BIT	1	Recording enabled for SMF131.
SMF132	BIT	1	Recording enabled for SMF132.
SMF133	BIT	1	Recording enabled for SMF133.
SMF134	BIT	1	Recording enabled for SMF134.
SMF135	BIT	1	Recording enabled for SMF135.
SMF136	BIT	1	Recording enabled for SMF136.
SMF137	BIT	1	Recording enabled for SMF137.
SMF138	BIT	1	Recording enabled for SMF138.
SMF139	BIT	1	Recording enabled for SMF139.
SMF140	BIT	1	Recording enabled for SMF140.
SMF141	BIT	1	Recording enabled for SMF141.

SMF142	BIT	1	Recording enabled for SMF142.
SMF143	BIT	1	Recording enabled for SMF143.
SMF144	BIT	1	Recording enabled for SMF144.
SMF145	BIT	1	Recording enabled for SMF145.
SMF146	BIT	1	Recording enabled for SMF146.
SMF147	BIT	1	Recording enabled for SMF147.
SMF148	BIT	1	Recording enabled for SMF148.
SMF149	BIT	1	Recording enabled for SMF149.
SMF150	BIT	1	Recording enabled for SMF150.
SMF151	BIT	1	Recording enabled for SMF151.
SMF152	BIT	1	Recording enabled for SMF152.
SMF153	BIT	1	Recording enabled for SMF153.
SMF154	BIT	1	Recording enabled for SMF154.
SMF155	BIT	1	Recording enabled for SMF155.
SMF156	BIT	1	Recording enabled for SMF156.
SMF157	BIT	1	Recording enabled for SMF157.
SMF158	BIT	1	Recording enabled for SMF158.
SMF159	BIT	1	Recording enabled for SMF159.
SMF160	BIT	1	Recording enabled for SMF160.
SMF161	BIT	1	Recording enabled for SMF161.
SMF162	BIT	1	Recording enabled for SMF162.
SMF163	BIT	1	Recording enabled for SMF163.
SMF164	BIT	1	Recording enabled for SMF164.
SMF165	BIT	1	Recording enabled for SMF165.
SMF166	BIT	1	Recording enabled for SMF166.
SMF167	BIT	1	Recording enabled for SMF167.
SMF168	BIT	1	Recording enabled for SMF168.
SMF169	BIT	1	Recording enabled for SMF169.
SMF170	BIT	1	Recording enabled for SMF170.
SMF171	BIT	1	Recording enabled for SMF171.
SMF172	BIT	1	Recording enabled for SMF172.
SMF173	BIT	1	Recording enabled for SMF173.
SMF174	BIT	1	Recording enabled for SMF174.
SMF175	BIT	1	Recording enabled for SMF175.
SMF176	BIT	1	Recording enabled for SMF176.
SMF177	BIT	1	Recording enabled for SMF177.
SMF178	BIT	1	Recording enabled for SMF178.
SMF179	BIT	1	Recording enabled for SMF179.
SMF180	BIT	1	Recording enabled for SMF180.
SMF181	BIT	1	Recording enabled for SMF181.
SMF182	BIT	1	Recording enabled for SMF182.
SMF183	BIT	1	Recording enabled for SMF183.
SMF184	BIT	1	Recording enabled for SMF184.

SMF185	BIT	1	Recording enabled for SMF185.
SMF186	BIT	1	Recording enabled for SMF186.
SMF187	BIT	1	Recording enabled for SMF187.
SMF188	BIT	1	Recording enabled for SMF188.
SMF189	BIT	1	Recording enabled for SMF189.
SMF190	BIT	1	Recording enabled for SMF190.
SMF191	BIT	1	Recording enabled for SMF191.
SMF192	BIT	1	Recording enabled for SMF192.
SMF193	BIT	1	Recording enabled for SMF193.
SMF194	BIT	1	Recording enabled for SMF194.
SMF195	BIT	1	Recording enabled for SMF195.
SMF196	BIT	1	Recording enabled for SMF196.
SMF197	BIT	1	Recording enabled for SMF197.
SMF198	BIT	1	Recording enabled for SMF198.
SMF199	BIT	1	Recording enabled for SMF199.
SMF200	BIT	1	Recording enabled for SMF200.
SMF201	BIT	1	Recording enabled for SMF201.
SMF202	BIT	1	Recording enabled for SMF202.
SMF203	BIT	1	Recording enabled for SMF203.
SMF204	BIT	1	Recording enabled for SMF204.
SMF205	BIT	1	Recording enabled for SMF205.
SMF206	BIT	1	Recording enabled for SMF206.
SMF207	BIT	1	Recording enabled for SMF207.
SMF208	BIT	1	Recording enabled for SMF208.
SMF209	BIT	1	Recording enabled for SMF209.
SMF210	BIT	1	Recording enabled for SMF210.
SMF211	BIT	1	Recording enabled for SMF211.
SMF212	BIT	1	Recording enabled for SMF212.
SMF213	BIT	1	Recording enabled for SMF213.
SMF214	BIT	1	Recording enabled for SMF214.
SMF215	BIT	1	Recording enabled for SMF215.
SMF216	BIT	1	Recording enabled for SMF216.
SMF217	BIT	1	Recording enabled for SMF217.
SMF218	BIT	1	Recording enabled for SMF218.
SMF219	BIT	1	Recording enabled for SMF219.
SMF220	BIT	1	Recording enabled for SMF220.
SMF221	BIT	1	Recording enabled for SMF221.
SMF222	BIT	1	Recording enabled for SMF222.
SMF223	BIT	1	Recording enabled for SMF223.
SMF224	BIT	1	Recording enabled for SMF224.
SMF225	BIT	1	Recording enabled for SMF225.
SMF226	BIT	1	Recording enabled for SMF226.
SMF227	BIT	1	Recording enabled for SMF227.

SMF228	BIT	1	Recording enabled for SMF228.
SMF229	BIT	1	Recording enabled for SMF229.
SMF230	BIT	1	Recording enabled for SMF230.
SMF231	BIT	1	Recording enabled for SMF231.
SMF232	BIT	1	Recording enabled for SMF232.
SMF233	BIT	1	Recording enabled for SMF233.
SMF234	BIT	1	Recording enabled for SMF234.
SMF235	BIT	1	Recording enabled for SMF235.
SMF236	BIT	1	Recording enabled for SMF236.
SMF237	BIT	1	Recording enabled for SMF237.
SMF238	BIT	1	Recording enabled for SMF238.
SMF239	BIT	1	Recording enabled for SMF239.
SMF240	BIT	1	Recording enabled for SMF240.
SMF241	BIT	1	Recording enabled for SMF241.
SMF242	BIT	1	Recording enabled for SMF242.
SMF243	BIT	1	Recording enabled for SMF243.
SMF244	BIT	1	Recording enabled for SMF244.
SMF245	BIT	1	Recording enabled for SMF245.
SMF246	BIT	1	Recording enabled for SMF246.
SMF247	BIT	1	Recording enabled for SMF247.
SMF248	BIT	1	Recording enabled for SMF248.
SMF249	BIT	1	Recording enabled for SMF249.
SMF250	BIT	1	Recording enabled for SMF250.
SMF251	BIT	1	Recording enabled for SMF251.
SMF252	BIT	1	Recording enabled for SMF252.
SMF253	BIT	1	Recording enabled for SMF253.
SMF254	BIT	1	Recording enabled for SMF254.
SMF255	BIT	1	Recording enabled for SMF255.

SMF090_05_Subsystem.<fieldname>

zEXN	CHAR	120	(IBM Name: SMF90EXN) Names of the active exits for this subsystem. Each sequentially listed exit name is 8-characters long. Up to 15 exits can be specified. If less than 15 exits are specified, the remaining portion of the list is filled with binary zeros.
zSYE	HEX	256	(IBM Name: SMF90SYE) Record selectivity bits for extended record types. The first 256 bits are also recorded in SMF90SYS.

Secondary segment: SMF090_05_Subsystem_Parameter

Field Name	Type	Len	Description
<i>SMF090_05_Subsystem_Parameter.<fieldname></i>			
zASN	CHAR	4	(IBM Name: SMF90ASN) Subsystem name.
zAPM	CHAR	60	

			(IBM Name: SMF90APM) Accounting parameter.
--	--	--	---

Secondary segment: SMF090_06_SWITCH_SMF

Field Name	Type	Len	Description
<i>SMF090_06_SWITCH_SMF.<fieldname></i>			
zSWO	CHAR	10	(IBM Name: SMF90SWO) This field is the old recording data set name. This field will be blank if data is lost through a SWITCH SMF.
zSWN	CHAR	10	(IBM Name: SMF90SWN) This field is the new recording data set name.
zIT	TSTMP	8	(IBM Name: SMF90IT) Date and time of IPL.
zSOD	CHAR	44	(IBM Name: SMF90SOD) This field is the old recording data set name. This field will be blank if data is lost through a SWITCH SMF.
zSND	CHAR	44	(IBM Name: SMF90SND) This field is the new recording data set name.

Secondary segment: SMF090_07_HALT_EOD

Field Name	Type	Len	Description
<i>SMF090_07_HALT_EOD.<fieldname></i>			
zSWO	CHAR	10	(IBM Name: SMF90SWO) This field is blank. Note: If the data set name is greater than 10 characters, this field is blank. See SMF90SOD for the complete data set name.
zSWN	CHAR	10	(IBM Name: SMF90SWN) This field is blank. Note: If the data set name is greater than 10 characters, this field is blank. See SMF90SND for the complete data set name.
zIT	TSTMP	8	(IBM Name: SMF90IT) Date and time of IPL.
zSOD	CHAR	44	(IBM Name: SMF90SOD) This field is blank.
zSND	CHAR	44	(IBM Name: SMF90SND) This field is blank.

Secondary segment: SMF090_08_IPL_PROMPT

Field Name	Type	Len	Description
<i>SMF090_08_IPL_PROMPT.<fieldname></i>			
zDTM	CHAR	8	(IBM Name: SMF90DTM) System down time, in the form hh-mm-ss or 'u'.
zRSN	CHAR	65	(IBM Name: SMF90RSN) Reason for the IPL or 'u'.
zOPR	CHAR	20	(IBM Name: SMF90OPR) Operators name or 'u'.
zITM	TSTMP	8	(IBM Name: SMF90ITM) Date and time of IPL.

Secondary segment: SMF090_09_IPL_SMF

Field Name	Type	Len	Description
<i>SMF090_09_IPL_SMF.<fieldname></i>			
zOSM	INT	4	(IBM Name: SMF90OSM) Offset to IPL SMF or SET SMF section from start of record, including the record descriptor word (RDW).
zLSM	INT	2	(IBM Name: SMF90LSM) Length of IPL SMF or SET SMF section.
zNSM	INT	2	(IBM Name: SMF90NSM) Number of IPL SMF or SET SMF sections.
zODA	INT	4	(IBM Name: SMF90ODA) Offset to data set section from the start of record, including the record descriptor word (RDW).
zLDA	INT	2	(IBM Name: SMF90LDA) Length of the data set section.
zNDA	INT	2	(IBM Name: SMF90NDA) Number of data set sections. This field will be zero at IPL time, and will be filled in once the MANx data sets are established and known to SMF.
zOWK	INT	4	(IBM Name: SMF90OWK) Offset to subsystem section from the start of the record, including the record descriptor word (RDW).
zLWK	INT	2	(IBM Name: SMF90LWK) Length of subsystem section.
zNWK	INT	2	(IBM Name: SMF90NWK) Number of subsystem sections.
zOOT	INT	4	(IBM Name: SMF90OOT) Offset to subsystem parameter segment.
zLOT	INT	2	(IBM Name: SMF90LOT) Length of subsystem parameter segment.
zNOT	INT	2	(IBM Name: SMF90NOT) Number of subsystem parameter segments.

Secondary segment: SMF090_09_Command

Field Name	Type	Len	Description
<i>SMF090_09_Command.<fieldname></i>			
zMAX	CHAR	4	(IBM Name: SMF90MAX) Current value for MAXDORM, in the form mmss.
zSTA	CHAR	6	(IBM Name: SMF90STA) Current value for STATUS, in the form hhhmmss.
zJWT	CHAR	4	(IBM Name: SMF90JWT) Current value for JWT, in the form hhmm.
zSYI	CHAR	4	(IBM Name: SMF90SYI) System identification.
zBUF	INT	1	(IBM Name: SMF90BUF) Minimum number of buffers for older releases, otherwise 0.
zBUM	INT	1	(IBM Name: SMF90BUM) Minimum number of buffers for older releases, otherwise 0.
<i>SMF090_09_Command.zSWT.<fieldname></i>			

zPROMPT	BINT (ENUM)	4	PROMPT/NOPROMPT option.
zREC	BINT (ENUM)	2	REC/NOREC option.
zLISTDSN	BINT (ENUM)	2	LISTDSN/NOLISTDSN option.

SMF090_09_Command.zSW2.<fieldname>

zNOBUFFS	BINT (ENUM)	2	NOBUFFS option.
zLASTDS	BINT (ENUM)	2	LASTDS option.
zAUTHSETSMF	BINT (ENUM)	2	AUTHSETSMF/NOAUTHSETSMF option.
zSMF30COUNT	BINT (ENUM)	2	SMF30COUNT/NOSMF30COUNT option.

SMF090_09_Command.zSBU.<fieldname>

zSID	BINT (ENUM)	6	SID option.
------	----------------	---	-------------

SMF090_09_Command.<fieldname>

zREL	CHAR	4	(IBM Name: SMF90REL) Operating system release number.
zIIT	TSTMP	8	(IBM Name: SMF90IIT) Date and time of IPL.
zBFM	CHAR	5	(IBM Name: SMF90BFM) BUFIZMAX value (dddu).
zBFL	CHAR	2	(IBM Name: SMF90BFL) BUFUSEWARN value (dd).
zESWT	CHAR	4	(IBM Name: SMF90ESWT) SWT as entered in SMFPRMxx.
zETWT	CHAR	4	(IBM Name: SMF90ETWT) TWT as entered in SMFPRMxx.

Secondary segment: SMF090_09_SMF_Dataset

Field Name	Type	Len	Description
<i>SMF090_09_SMF_Dataset.<fieldname></i>			
zDSN	CHAR	44	(IBM Name: SMF90DSN) SMF data set name.

Secondary segment: SMF090_09_Subsystem

Field Name	Type	Len	Description
<i>SMF090_09_Subsystem.<fieldname></i>			
zWKN	CHAR	4	(IBM Name: SMF90WKN) Name of subsystem.
SMF090_09_Subsystem.zDTL.<fieldname>			
zDetail	BIT	1	Detail recording on.

SMF090_09_Subsystem.<fieldname>			
zSVL	TSTMP	8	(IBM Name: SMF90SVL) Length of interval, in TOD clock format, between checkpoint SMF records.

SMF090_09_Subsystem.zSYS.<fieldname>			
SMF0	BIT	1	Recording enabled for SMF000.
SMF1	BIT	1	Recording enabled for SMF001.
SMF2	BIT	1	Recording enabled for SMF002.
SMF3	BIT	1	Recording enabled for SMF003.
SMF4	BIT	1	Recording enabled for SMF004.
SMF5	BIT	1	Recording enabled for SMF005.
SMF6	BIT	1	Recording enabled for SMF006.
SMF7	BIT	1	Recording enabled for SMF007.
SMF8	BIT	1	Recording enabled for SMF008.
SMF9	BIT	1	Recording enabled for SMF009.
SMF10	BIT	1	Recording enabled for SMF010.
SMF11	BIT	1	Recording enabled for SMF011.
SMF12	BIT	1	Recording enabled for SMF012.
SMF13	BIT	1	Recording enabled for SMF013.
SMF14	BIT	1	Recording enabled for SMF014.
SMF15	BIT	1	Recording enabled for SMF015.
SMF16	BIT	1	Recording enabled for SMF016.
SMF17	BIT	1	Recording enabled for SMF017.
SMF18	BIT	1	Recording enabled for SMF018.
SMF19	BIT	1	Recording enabled for SMF019.
SMF20	BIT	1	Recording enabled for SMF020.
SMF21	BIT	1	Recording enabled for SMF021.
SMF22	BIT	1	Recording enabled for SMF022.
SMF23	BIT	1	Recording enabled for SMF023.
SMF24	BIT	1	Recording enabled for SMF024.
SMF25	BIT	1	Recording enabled for SMF025.
SMF26	BIT	1	Recording enabled for SMF026.
SMF27	BIT	1	Recording enabled for SMF027.
SMF28	BIT	1	Recording enabled for SMF028.
SMF29	BIT	1	Recording enabled for SMF029.
SMF30	BIT	1	Recording enabled for SMF030.
SMF31	BIT	1	Recording enabled for SMF031.
SMF32	BIT	1	Recording enabled for SMF032.
SMF33	BIT	1	Recording enabled for SMF033.
SMF34	BIT	1	Recording enabled for SMF034.
SMF35	BIT	1	Recording enabled for SMF035.
SMF36	BIT	1	Recording enabled for SMF036.
SMF37	BIT	1	Recording enabled for SMF037.

SMF38	BIT	1	Recording enabled for SMF038.
SMF39	BIT	1	Recording enabled for SMF039.
SMF40	BIT	1	Recording enabled for SMF040.
SMF41	BIT	1	Recording enabled for SMF041.
SMF42	BIT	1	Recording enabled for SMF042.
SMF43	BIT	1	Recording enabled for SMF043.
SMF44	BIT	1	Recording enabled for SMF044.
SMF45	BIT	1	Recording enabled for SMF045.
SMF46	BIT	1	Recording enabled for SMF046.
SMF47	BIT	1	Recording enabled for SMF047.
SMF48	BIT	1	Recording enabled for SMF048.
SMF49	BIT	1	Recording enabled for SMF049.
SMF50	BIT	1	Recording enabled for SMF050.
SMF51	BIT	1	Recording enabled for SMF051.
SMF52	BIT	1	Recording enabled for SMF052.
SMF53	BIT	1	Recording enabled for SMF053.
SMF54	BIT	1	Recording enabled for SMF054.
SMF55	BIT	1	Recording enabled for SMF055.
SMF56	BIT	1	Recording enabled for SMF056.
SMF57	BIT	1	Recording enabled for SMF057.
SMF58	BIT	1	Recording enabled for SMF058.
SMF59	BIT	1	Recording enabled for SMF059.
SMF60	BIT	1	Recording enabled for SMF060.
SMF61	BIT	1	Recording enabled for SMF061.
SMF62	BIT	1	Recording enabled for SMF062.
SMF63	BIT	1	Recording enabled for SMF063.
SMF64	BIT	1	Recording enabled for SMF064.
SMF65	BIT	1	Recording enabled for SMF065.
SMF66	BIT	1	Recording enabled for SMF066.
SMF67	BIT	1	Recording enabled for SMF067.
SMF68	BIT	1	Recording enabled for SMF068.
SMF69	BIT	1	Recording enabled for SMF069.
SMF70	BIT	1	Recording enabled for SMF070.
SMF71	BIT	1	Recording enabled for SMF071.
SMF72	BIT	1	Recording enabled for SMF072.
SMF73	BIT	1	Recording enabled for SMF073.
SMF74	BIT	1	Recording enabled for SMF074.
SMF75	BIT	1	Recording enabled for SMF075.
SMF76	BIT	1	Recording enabled for SMF076.
SMF77	BIT	1	Recording enabled for SMF077.
SMF78	BIT	1	Recording enabled for SMF078.
SMF79	BIT	1	Recording enabled for SMF079.
SMF80	BIT	1	Recording enabled for SMF080.

SMF81	BIT	1	Recording enabled for SMF081.
SMF82	BIT	1	Recording enabled for SMF082.
SMF83	BIT	1	Recording enabled for SMF083.
SMF84	BIT	1	Recording enabled for SMF084.
SMF85	BIT	1	Recording enabled for SMF085.
SMF86	BIT	1	Recording enabled for SMF086.
SMF87	BIT	1	Recording enabled for SMF087.
SMF88	BIT	1	Recording enabled for SMF088.
SMF89	BIT	1	Recording enabled for SMF089.
SMF90	BIT	1	Recording enabled for SMF090.
SMF91	BIT	1	Recording enabled for SMF091.
SMF92	BIT	1	Recording enabled for SMF092.
SMF93	BIT	1	Recording enabled for SMF093.
SMF94	BIT	1	Recording enabled for SMF094.
SMF95	BIT	1	Recording enabled for SMF095.
SMF96	BIT	1	Recording enabled for SMF096.
SMF97	BIT	1	Recording enabled for SMF097.
SMF98	BIT	1	Recording enabled for SMF098.
SMF99	BIT	1	Recording enabled for SMF099.
SMF100	BIT	1	Recording enabled for SMF100.
SMF101	BIT	1	Recording enabled for SMF101.
SMF102	BIT	1	Recording enabled for SMF102.
SMF103	BIT	1	Recording enabled for SMF103.
SMF104	BIT	1	Recording enabled for SMF104.
SMF105	BIT	1	Recording enabled for SMF105.
SMF106	BIT	1	Recording enabled for SMF106.
SMF107	BIT	1	Recording enabled for SMF107.
SMF108	BIT	1	Recording enabled for SMF108.
SMF109	BIT	1	Recording enabled for SMF109.
SMF110	BIT	1	Recording enabled for SMF110.
SMF111	BIT	1	Recording enabled for SMF111.
SMF112	BIT	1	Recording enabled for SMF112.
SMF113	BIT	1	Recording enabled for SMF113.
SMF114	BIT	1	Recording enabled for SMF114.
SMF115	BIT	1	Recording enabled for SMF115.
SMF116	BIT	1	Recording enabled for SMF116.
SMF117	BIT	1	Recording enabled for SMF117.
SMF118	BIT	1	Recording enabled for SMF118.
SMF119	BIT	1	Recording enabled for SMF119.
SMF120	BIT	1	Recording enabled for SMF120.
SMF121	BIT	1	Recording enabled for SMF121.
SMF122	BIT	1	Recording enabled for SMF122.
SMF123	BIT	1	Recording enabled for SMF123.

SMF124	BIT	1	Recording enabled for SMF124.
SMF125	BIT	1	Recording enabled for SMF125.
SMF126	BIT	1	Recording enabled for SMF126.
SMF127	BIT	1	Recording enabled for SMF127.
SMF128	BIT	1	Recording enabled for SMF128.
SMF129	BIT	1	Recording enabled for SMF129.
SMF130	BIT	1	Recording enabled for SMF130.
SMF131	BIT	1	Recording enabled for SMF131.
SMF132	BIT	1	Recording enabled for SMF132.
SMF133	BIT	1	Recording enabled for SMF133.
SMF134	BIT	1	Recording enabled for SMF134.
SMF135	BIT	1	Recording enabled for SMF135.
SMF136	BIT	1	Recording enabled for SMF136.
SMF137	BIT	1	Recording enabled for SMF137.
SMF138	BIT	1	Recording enabled for SMF138.
SMF139	BIT	1	Recording enabled for SMF139.
SMF140	BIT	1	Recording enabled for SMF140.
SMF141	BIT	1	Recording enabled for SMF141.
SMF142	BIT	1	Recording enabled for SMF142.
SMF143	BIT	1	Recording enabled for SMF143.
SMF144	BIT	1	Recording enabled for SMF144.
SMF145	BIT	1	Recording enabled for SMF145.
SMF146	BIT	1	Recording enabled for SMF146.
SMF147	BIT	1	Recording enabled for SMF147.
SMF148	BIT	1	Recording enabled for SMF148.
SMF149	BIT	1	Recording enabled for SMF149.
SMF150	BIT	1	Recording enabled for SMF150.
SMF151	BIT	1	Recording enabled for SMF151.
SMF152	BIT	1	Recording enabled for SMF152.
SMF153	BIT	1	Recording enabled for SMF153.
SMF154	BIT	1	Recording enabled for SMF154.
SMF155	BIT	1	Recording enabled for SMF155.
SMF156	BIT	1	Recording enabled for SMF156.
SMF157	BIT	1	Recording enabled for SMF157.
SMF158	BIT	1	Recording enabled for SMF158.
SMF159	BIT	1	Recording enabled for SMF159.
SMF160	BIT	1	Recording enabled for SMF160.
SMF161	BIT	1	Recording enabled for SMF161.
SMF162	BIT	1	Recording enabled for SMF162.
SMF163	BIT	1	Recording enabled for SMF163.
SMF164	BIT	1	Recording enabled for SMF164.
SMF165	BIT	1	Recording enabled for SMF165.
SMF166	BIT	1	Recording enabled for SMF166.

SMF167	BIT	1	Recording enabled for SMF167.
SMF168	BIT	1	Recording enabled for SMF168.
SMF169	BIT	1	Recording enabled for SMF169.
SMF170	BIT	1	Recording enabled for SMF170.
SMF171	BIT	1	Recording enabled for SMF171.
SMF172	BIT	1	Recording enabled for SMF172.
SMF173	BIT	1	Recording enabled for SMF173.
SMF174	BIT	1	Recording enabled for SMF174.
SMF175	BIT	1	Recording enabled for SMF175.
SMF176	BIT	1	Recording enabled for SMF176.
SMF177	BIT	1	Recording enabled for SMF177.
SMF178	BIT	1	Recording enabled for SMF178.
SMF179	BIT	1	Recording enabled for SMF179.
SMF180	BIT	1	Recording enabled for SMF180.
SMF181	BIT	1	Recording enabled for SMF181.
SMF182	BIT	1	Recording enabled for SMF182.
SMF183	BIT	1	Recording enabled for SMF183.
SMF184	BIT	1	Recording enabled for SMF184.
SMF185	BIT	1	Recording enabled for SMF185.
SMF186	BIT	1	Recording enabled for SMF186.
SMF187	BIT	1	Recording enabled for SMF187.
SMF188	BIT	1	Recording enabled for SMF188.
SMF189	BIT	1	Recording enabled for SMF189.
SMF190	BIT	1	Recording enabled for SMF190.
SMF191	BIT	1	Recording enabled for SMF191.
SMF192	BIT	1	Recording enabled for SMF192.
SMF193	BIT	1	Recording enabled for SMF193.
SMF194	BIT	1	Recording enabled for SMF194.
SMF195	BIT	1	Recording enabled for SMF195.
SMF196	BIT	1	Recording enabled for SMF196.
SMF197	BIT	1	Recording enabled for SMF197.
SMF198	BIT	1	Recording enabled for SMF198.
SMF199	BIT	1	Recording enabled for SMF199.
SMF200	BIT	1	Recording enabled for SMF200.
SMF201	BIT	1	Recording enabled for SMF201.
SMF202	BIT	1	Recording enabled for SMF202.
SMF203	BIT	1	Recording enabled for SMF203.
SMF204	BIT	1	Recording enabled for SMF204.
SMF205	BIT	1	Recording enabled for SMF205.
SMF206	BIT	1	Recording enabled for SMF206.
SMF207	BIT	1	Recording enabled for SMF207.
SMF208	BIT	1	Recording enabled for SMF208.
SMF209	BIT	1	Recording enabled for SMF209.

SMF210	BIT	1	Recording enabled for SMF210.
SMF211	BIT	1	Recording enabled for SMF211.
SMF212	BIT	1	Recording enabled for SMF212.
SMF213	BIT	1	Recording enabled for SMF213.
SMF214	BIT	1	Recording enabled for SMF214.
SMF215	BIT	1	Recording enabled for SMF215.
SMF216	BIT	1	Recording enabled for SMF216.
SMF217	BIT	1	Recording enabled for SMF217.
SMF218	BIT	1	Recording enabled for SMF218.
SMF219	BIT	1	Recording enabled for SMF219.
SMF220	BIT	1	Recording enabled for SMF220.
SMF221	BIT	1	Recording enabled for SMF221.
SMF222	BIT	1	Recording enabled for SMF222.
SMF223	BIT	1	Recording enabled for SMF223.
SMF224	BIT	1	Recording enabled for SMF224.
SMF225	BIT	1	Recording enabled for SMF225.
SMF226	BIT	1	Recording enabled for SMF226.
SMF227	BIT	1	Recording enabled for SMF227.
SMF228	BIT	1	Recording enabled for SMF228.
SMF229	BIT	1	Recording enabled for SMF229.
SMF230	BIT	1	Recording enabled for SMF230.
SMF231	BIT	1	Recording enabled for SMF231.
SMF232	BIT	1	Recording enabled for SMF232.
SMF233	BIT	1	Recording enabled for SMF233.
SMF234	BIT	1	Recording enabled for SMF234.
SMF235	BIT	1	Recording enabled for SMF235.
SMF236	BIT	1	Recording enabled for SMF236.
SMF237	BIT	1	Recording enabled for SMF237.
SMF238	BIT	1	Recording enabled for SMF238.
SMF239	BIT	1	Recording enabled for SMF239.
SMF240	BIT	1	Recording enabled for SMF240.
SMF241	BIT	1	Recording enabled for SMF241.
SMF242	BIT	1	Recording enabled for SMF242.
SMF243	BIT	1	Recording enabled for SMF243.
SMF244	BIT	1	Recording enabled for SMF244.
SMF245	BIT	1	Recording enabled for SMF245.
SMF246	BIT	1	Recording enabled for SMF246.
SMF247	BIT	1	Recording enabled for SMF247.
SMF248	BIT	1	Recording enabled for SMF248.
SMF249	BIT	1	Recording enabled for SMF249.
SMF250	BIT	1	Recording enabled for SMF250.
SMF251	BIT	1	Recording enabled for SMF251.
SMF252	BIT	1	Recording enabled for SMF252.

SMF253	BIT	1	Recording enabled for SMF253.
SMF254	BIT	1	Recording enabled for SMF254.
SMF255	BIT	1	Recording enabled for SMF255.

SMF090_09_Subsystem.<fieldname>			
zEXN	CHAR	120	(IBM Name: SMF90EXN) Names of the active exits for this subsystem. Each sequentially listed exit name is 8-characters long. Up to 15 exits can be specified. If less than 15 exits are specified, the remaining portion of the list is filled with binary zeros.
zSYE	HEX	256	(IBM Name: SMF90SYE) Record selectivity bits for extended record types. The first 256 bits are also recorded in SMF90SYS.

Secondary segment: SMF090_09_Subsystem_Parameter

Field Name	Type	Len	Description
<i>SMF090_09_Subsystem_Parameter.<fieldname></i>			
zASN	CHAR	4	(IBM Name: SMF90ASN) Subsystem name.
zAPM	CHAR	60	(IBM Name: SMF90APM) Accounting parameter.

Secondary segment: SMF090_10_IPL_SRM

Field Name	Type	Len	Description
<i>SMF090_10_IPL_SRM.<fieldname></i>			
zIPT	TSTMP	8	(IBM Name: SMF90IPT) Time of IPL.
zIPS	CHAR	8	(IBM Name: SMF90IPS) Reserved.
zOPT	CHAR	8	(IBM Name: SMF90OPT) OPT parmlib member used. IEAOPT-- indicates no OPT.
zICS	CHAR	8	(IBM Name: SMF90ICS) Reserved.
zSPN	CHAR	8	(IBM Name: SMF90SPN) Active service policy name.
zSPT	TSTMP	8	(IBM Name: SMF90SPT) Time/date (STCK format) that the active service policy was originally activated.
zSPU	CHAR	8	(IBM Name: SMF90SPU) User ID of the operator or service administrator that activated the service policy.
zSPS	CHAR	8	(IBM Name: SMF90SPS) Name of the system on which the service policy activation was initiated.
zSDN	CHAR	8	(IBM Name: SMF90SDN) Name of the installed service definition at the time the policy was activated.
zSDT	TSTMP	8	(IBM Name: SMF90SDT) Time/date (STCK format) that the service definition was installed
zSDU	CHAR	8	(IBM Name: SMF90SDU) User ID of service administrator that installed the service definition.

zSDS	CHAR	8	(IBM Name: SMF90SDS) Name of the system on which the service definition was installed.
------	------	---	---

Secondary segment: **SMF090_11_SET_OPT**

Field Name	Type	Len	Description
<i>SMF090_11_SET_OPT.<fieldname></i>			
zTOP	TSTMP	8	(IBM Name: SMF90TOP) Time (in STCK format) of OPT change. STCK format is indicated on the TIME macro.
zOPO	CHAR	8	(IBM Name: SMF90OPO) Old OPT parmlib member. IEAOPTxx indicates no OPT.
zOPN	CHAR	8	(IBM Name: SMF90OPN) New OPT parmlib member.

Secondary segment: **SMF090_13_SETSMF**

Field Name	Type	Len	Description
<i>SMF090_13_SETSMF.<fieldname></i>			
zOSM	INT	4	(IBM Name: SMF90OSM) Offset to IPL SMF or SET SMF section from start of record, including the record descriptor word (RDW).
zLSM	INT	2	(IBM Name: SMF90LSM) Length of IPL SMF or SET SMF section.
zNSM	INT	2	(IBM Name: SMF90NSM) Number of IPL SMF or SET SMF sections.
zODA	INT	4	(IBM Name: SMF90ODA) Offset to data set section from the start of record, including the record descriptor word (RDW).
zLDA	INT	2	(IBM Name: SMF90LDA) Length of the data set section.
zNDA	INT	2	(IBM Name: SMF90NDA) Number of data set sections.
zOWK	INT	4	(IBM Name: SMF90OWK) Offset to subsystem section from the start of the record, including the record descriptor word (RDW).
zLWK	INT	2	(IBM Name: SMF90LWK) Length of subsystem section.
zNWK	INT	2	(IBM Name: SMF90NWK) Number of subsystem sections.
zOOT	INT	4	(IBM Name: SMF90OOT) Offset to subsystem parameter segment.
zLOT	INT	2	(IBM Name: SMF90LOT) Length of subsystem parameter segment.
zNOT	INT	2	(IBM Name: SMF90NOT) Number of subsystem parameter segments.

Secondary segment: SMF090_13_Command

Field Name	Type	Len	Description
<i>SMF090_13_Command.<fieldname></i>			
zMAX	CHAR	4	(IBM Name: SMF90MAX) Current value for MAXDORM, in the form mmss.
zSTA	CHAR	6	(IBM Name: SMF90STA) Current value for STATUS, in the form hhmmss.
zJWT	CHAR	4	(IBM Name: SMF90JWT) Current value for JWT, in the form hhmm.
zSYI	CHAR	4	(IBM Name: SMF90SYI) System identification.
zBUF	INT	1	(IBM Name: SMF90BUF) Minimum number of buffers for older releases, otherwise 0.
zBUM	INT	1	(IBM Name: SMF90BUM) Minimum number of buffers for older releases, otherwise 0.

<i>SMF090_13_Command.zSWT.<fieldname></i>			
zPROMPT	BINT (ENUM)	4	PROMPT/NOPROMPT option.
zREC	BINT (ENUM)	2	REC/NOREC option.
zLISTDSN	BINT (ENUM)	2	LISTDSN/NOLISTDSN option.

<i>SMF090_13_Command.zSW2.<fieldname></i>			
zNOBUFFS	BINT (ENUM)	2	NOBUFFS option.
zLASTDS	BINT (ENUM)	2	LASTDS option.
zAUTHSETSMF	BINT (ENUM)	2	AUTHSETSMF/NOAUTHSETSMF option.
zSMF30COUNT	BINT (ENUM)	2	SMF30COUNT/NOSMF30COUNT option.

<i>SMF090_13_Command.zSBU.<fieldname></i>			
zSID	BINT (ENUM)	6	SID option.

<i>SMF090_13_Command.<fieldname></i>			
zREL	CHAR	4	(IBM Name: SMF90REL) Operating system release number.
zIIT	TSTMP	8	(IBM Name: SMF90IIT) Date and time of IPL.
zBFM	CHAR	5	(IBM Name: SMF90BFM) BUFSIZMAX value (ddddd).
zBFL	CHAR	2	(IBM Name: SMF90BFL) BUFUSEWARN value (dd).
zESWT	CHAR	4	(IBM Name: SMF90ESWT) SWT as entered in SMFPRMxx.
zETWT	CHAR	4	(IBM Name: SMF90ETWT) TWT as entered in SMFPRMxx.

Secondary segment: SMF090_13_SMF_Dataset

Field Name	Type	Len	Description
<i>SMF090_13_SMF_Dataset.<fieldname></i>			
zDSN	CHAR	44	(IBM Name: SMF90DSN) SMF data set name.

Secondary segment: SMF090_13_Subsystem

Field Name	Type	Len	Description
<i>SMF090_13_Subsystem.<fieldname></i>			
zWKN	CHAR	4	(IBM Name: SMF90WKN) Name of subsystem.

<i>SMF090_13_Subsystem.zDTL.<fieldname></i>			
zDetail	BIT	1	Detail recording on.

<i>SMF090_13_Subsystem.<fieldname></i>			
zSVL	TSTMP	8	(IBM Name: SMF90SVL) Length of interval, in TOD clock format, between checkpoint SMF records.

<i>SMF090_13_Subsystem.zSYS.<fieldname></i>			
SMF0	BIT	1	Recording enabled for SMF000.
SMF1	BIT	1	Recording enabled for SMF001.
SMF2	BIT	1	Recording enabled for SMF002.
SMF3	BIT	1	Recording enabled for SMF003.
SMF4	BIT	1	Recording enabled for SMF004.
SMF5	BIT	1	Recording enabled for SMF005.
SMF6	BIT	1	Recording enabled for SMF006.
SMF7	BIT	1	Recording enabled for SMF007.
SMF8	BIT	1	Recording enabled for SMF008.
SMF9	BIT	1	Recording enabled for SMF009.
SMF10	BIT	1	Recording enabled for SMF010.
SMF11	BIT	1	Recording enabled for SMF011.
SMF12	BIT	1	Recording enabled for SMF012.
SMF13	BIT	1	Recording enabled for SMF013.
SMF14	BIT	1	Recording enabled for SMF014.
SMF15	BIT	1	Recording enabled for SMF015.
SMF16	BIT	1	Recording enabled for SMF016.
SMF17	BIT	1	Recording enabled for SMF017.
SMF18	BIT	1	Recording enabled for SMF018.
SMF19	BIT	1	Recording enabled for SMF019.
SMF20	BIT	1	Recording enabled for SMF020.
SMF21	BIT	1	Recording enabled for SMF021.
SMF22	BIT	1	Recording enabled for SMF022.
SMF23	BIT	1	Recording enabled for SMF023.

SMF24	BIT	1	Recording enabled for SMF024.
SMF25	BIT	1	Recording enabled for SMF025.
SMF26	BIT	1	Recording enabled for SMF026.
SMF27	BIT	1	Recording enabled for SMF027.
SMF28	BIT	1	Recording enabled for SMF028.
SMF29	BIT	1	Recording enabled for SMF029.
SMF30	BIT	1	Recording enabled for SMF030.
SMF31	BIT	1	Recording enabled for SMF031.
SMF32	BIT	1	Recording enabled for SMF032.
SMF33	BIT	1	Recording enabled for SMF033.
SMF34	BIT	1	Recording enabled for SMF034.
SMF35	BIT	1	Recording enabled for SMF035.
SMF36	BIT	1	Recording enabled for SMF036.
SMF37	BIT	1	Recording enabled for SMF037.
SMF38	BIT	1	Recording enabled for SMF038.
SMF39	BIT	1	Recording enabled for SMF039.
SMF40	BIT	1	Recording enabled for SMF040.
SMF41	BIT	1	Recording enabled for SMF041.
SMF42	BIT	1	Recording enabled for SMF042.
SMF43	BIT	1	Recording enabled for SMF043.
SMF44	BIT	1	Recording enabled for SMF044.
SMF45	BIT	1	Recording enabled for SMF045.
SMF46	BIT	1	Recording enabled for SMF046.
SMF47	BIT	1	Recording enabled for SMF047.
SMF48	BIT	1	Recording enabled for SMF048.
SMF49	BIT	1	Recording enabled for SMF049.
SMF50	BIT	1	Recording enabled for SMF050.
SMF51	BIT	1	Recording enabled for SMF051.
SMF52	BIT	1	Recording enabled for SMF052.
SMF53	BIT	1	Recording enabled for SMF053.
SMF54	BIT	1	Recording enabled for SMF054.
SMF55	BIT	1	Recording enabled for SMF055.
SMF56	BIT	1	Recording enabled for SMF056.
SMF57	BIT	1	Recording enabled for SMF057.
SMF58	BIT	1	Recording enabled for SMF058.
SMF59	BIT	1	Recording enabled for SMF059.
SMF60	BIT	1	Recording enabled for SMF060.
SMF61	BIT	1	Recording enabled for SMF061.
SMF62	BIT	1	Recording enabled for SMF062.
SMF63	BIT	1	Recording enabled for SMF063.
SMF64	BIT	1	Recording enabled for SMF064.
SMF65	BIT	1	Recording enabled for SMF065.
SMF66	BIT	1	Recording enabled for SMF066.

SMF67	BIT	1	Recording enabled for SMF067.
SMF68	BIT	1	Recording enabled for SMF068.
SMF69	BIT	1	Recording enabled for SMF069.
SMF70	BIT	1	Recording enabled for SMF070.
SMF71	BIT	1	Recording enabled for SMF071.
SMF72	BIT	1	Recording enabled for SMF072.
SMF73	BIT	1	Recording enabled for SMF073.
SMF74	BIT	1	Recording enabled for SMF074.
SMF75	BIT	1	Recording enabled for SMF075.
SMF76	BIT	1	Recording enabled for SMF076.
SMF77	BIT	1	Recording enabled for SMF077.
SMF78	BIT	1	Recording enabled for SMF078.
SMF79	BIT	1	Recording enabled for SMF079.
SMF80	BIT	1	Recording enabled for SMF080.
SMF81	BIT	1	Recording enabled for SMF081.
SMF82	BIT	1	Recording enabled for SMF082.
SMF83	BIT	1	Recording enabled for SMF083.
SMF84	BIT	1	Recording enabled for SMF084.
SMF85	BIT	1	Recording enabled for SMF085.
SMF86	BIT	1	Recording enabled for SMF086.
SMF87	BIT	1	Recording enabled for SMF087.
SMF88	BIT	1	Recording enabled for SMF088.
SMF89	BIT	1	Recording enabled for SMF089.
SMF90	BIT	1	Recording enabled for SMF090.
SMF91	BIT	1	Recording enabled for SMF091.
SMF92	BIT	1	Recording enabled for SMF092.
SMF93	BIT	1	Recording enabled for SMF093.
SMF94	BIT	1	Recording enabled for SMF094.
SMF95	BIT	1	Recording enabled for SMF095.
SMF96	BIT	1	Recording enabled for SMF096.
SMF97	BIT	1	Recording enabled for SMF097.
SMF98	BIT	1	Recording enabled for SMF098.
SMF99	BIT	1	Recording enabled for SMF099.
SMF100	BIT	1	Recording enabled for SMF100.
SMF101	BIT	1	Recording enabled for SMF101.
SMF102	BIT	1	Recording enabled for SMF102.
SMF103	BIT	1	Recording enabled for SMF103.
SMF104	BIT	1	Recording enabled for SMF104.
SMF105	BIT	1	Recording enabled for SMF105.
SMF106	BIT	1	Recording enabled for SMF106.
SMF107	BIT	1	Recording enabled for SMF107.
SMF108	BIT	1	Recording enabled for SMF108.
SMF109	BIT	1	Recording enabled for SMF109.

SMF110	BIT	1	Recording enabled for SMF110.
SMF111	BIT	1	Recording enabled for SMF111.
SMF112	BIT	1	Recording enabled for SMF112.
SMF113	BIT	1	Recording enabled for SMF113.
SMF114	BIT	1	Recording enabled for SMF114.
SMF115	BIT	1	Recording enabled for SMF115.
SMF116	BIT	1	Recording enabled for SMF116.
SMF117	BIT	1	Recording enabled for SMF117.
SMF118	BIT	1	Recording enabled for SMF118.
SMF119	BIT	1	Recording enabled for SMF119.
SMF120	BIT	1	Recording enabled for SMF120.
SMF121	BIT	1	Recording enabled for SMF121.
SMF122	BIT	1	Recording enabled for SMF122.
SMF123	BIT	1	Recording enabled for SMF123.
SMF124	BIT	1	Recording enabled for SMF124.
SMF125	BIT	1	Recording enabled for SMF125.
SMF126	BIT	1	Recording enabled for SMF126.
SMF127	BIT	1	Recording enabled for SMF127.
SMF128	BIT	1	Recording enabled for SMF128.
SMF129	BIT	1	Recording enabled for SMF129.
SMF130	BIT	1	Recording enabled for SMF130.
SMF131	BIT	1	Recording enabled for SMF131.
SMF132	BIT	1	Recording enabled for SMF132.
SMF133	BIT	1	Recording enabled for SMF133.
SMF134	BIT	1	Recording enabled for SMF134.
SMF135	BIT	1	Recording enabled for SMF135.
SMF136	BIT	1	Recording enabled for SMF136.
SMF137	BIT	1	Recording enabled for SMF137.
SMF138	BIT	1	Recording enabled for SMF138.
SMF139	BIT	1	Recording enabled for SMF139.
SMF140	BIT	1	Recording enabled for SMF140.
SMF141	BIT	1	Recording enabled for SMF141.
SMF142	BIT	1	Recording enabled for SMF142.
SMF143	BIT	1	Recording enabled for SMF143.
SMF144	BIT	1	Recording enabled for SMF144.
SMF145	BIT	1	Recording enabled for SMF145.
SMF146	BIT	1	Recording enabled for SMF146.
SMF147	BIT	1	Recording enabled for SMF147.
SMF148	BIT	1	Recording enabled for SMF148.
SMF149	BIT	1	Recording enabled for SMF149.
SMF150	BIT	1	Recording enabled for SMF150.
SMF151	BIT	1	Recording enabled for SMF151.
SMF152	BIT	1	Recording enabled for SMF152.

SMF153	BIT	1	Recording enabled for SMF153.
SMF154	BIT	1	Recording enabled for SMF154.
SMF155	BIT	1	Recording enabled for SMF155.
SMF156	BIT	1	Recording enabled for SMF156.
SMF157	BIT	1	Recording enabled for SMF157.
SMF158	BIT	1	Recording enabled for SMF158.
SMF159	BIT	1	Recording enabled for SMF159.
SMF160	BIT	1	Recording enabled for SMF160.
SMF161	BIT	1	Recording enabled for SMF161.
SMF162	BIT	1	Recording enabled for SMF162.
SMF163	BIT	1	Recording enabled for SMF163.
SMF164	BIT	1	Recording enabled for SMF164.
SMF165	BIT	1	Recording enabled for SMF165.
SMF166	BIT	1	Recording enabled for SMF166.
SMF167	BIT	1	Recording enabled for SMF167.
SMF168	BIT	1	Recording enabled for SMF168.
SMF169	BIT	1	Recording enabled for SMF169.
SMF170	BIT	1	Recording enabled for SMF170.
SMF171	BIT	1	Recording enabled for SMF171.
SMF172	BIT	1	Recording enabled for SMF172.
SMF173	BIT	1	Recording enabled for SMF173.
SMF174	BIT	1	Recording enabled for SMF174.
SMF175	BIT	1	Recording enabled for SMF175.
SMF176	BIT	1	Recording enabled for SMF176.
SMF177	BIT	1	Recording enabled for SMF177.
SMF178	BIT	1	Recording enabled for SMF178.
SMF179	BIT	1	Recording enabled for SMF179.
SMF180	BIT	1	Recording enabled for SMF180.
SMF181	BIT	1	Recording enabled for SMF181.
SMF182	BIT	1	Recording enabled for SMF182.
SMF183	BIT	1	Recording enabled for SMF183.
SMF184	BIT	1	Recording enabled for SMF184.
SMF185	BIT	1	Recording enabled for SMF185.
SMF186	BIT	1	Recording enabled for SMF186.
SMF187	BIT	1	Recording enabled for SMF187.
SMF188	BIT	1	Recording enabled for SMF188.
SMF189	BIT	1	Recording enabled for SMF189.
SMF190	BIT	1	Recording enabled for SMF190.
SMF191	BIT	1	Recording enabled for SMF191.
SMF192	BIT	1	Recording enabled for SMF192.
SMF193	BIT	1	Recording enabled for SMF193.
SMF194	BIT	1	Recording enabled for SMF194.
SMF195	BIT	1	Recording enabled for SMF195.

SMF196	BIT	1	Recording enabled for SMF196.
SMF197	BIT	1	Recording enabled for SMF197.
SMF198	BIT	1	Recording enabled for SMF198.
SMF199	BIT	1	Recording enabled for SMF199.
SMF200	BIT	1	Recording enabled for SMF200.
SMF201	BIT	1	Recording enabled for SMF201.
SMF202	BIT	1	Recording enabled for SMF202.
SMF203	BIT	1	Recording enabled for SMF203.
SMF204	BIT	1	Recording enabled for SMF204.
SMF205	BIT	1	Recording enabled for SMF205.
SMF206	BIT	1	Recording enabled for SMF206.
SMF207	BIT	1	Recording enabled for SMF207.
SMF208	BIT	1	Recording enabled for SMF208.
SMF209	BIT	1	Recording enabled for SMF209.
SMF210	BIT	1	Recording enabled for SMF210.
SMF211	BIT	1	Recording enabled for SMF211.
SMF212	BIT	1	Recording enabled for SMF212.
SMF213	BIT	1	Recording enabled for SMF213.
SMF214	BIT	1	Recording enabled for SMF214.
SMF215	BIT	1	Recording enabled for SMF215.
SMF216	BIT	1	Recording enabled for SMF216.
SMF217	BIT	1	Recording enabled for SMF217.
SMF218	BIT	1	Recording enabled for SMF218.
SMF219	BIT	1	Recording enabled for SMF219.
SMF220	BIT	1	Recording enabled for SMF220.
SMF221	BIT	1	Recording enabled for SMF221.
SMF222	BIT	1	Recording enabled for SMF222.
SMF223	BIT	1	Recording enabled for SMF223.
SMF224	BIT	1	Recording enabled for SMF224.
SMF225	BIT	1	Recording enabled for SMF225.
SMF226	BIT	1	Recording enabled for SMF226.
SMF227	BIT	1	Recording enabled for SMF227.
SMF228	BIT	1	Recording enabled for SMF228.
SMF229	BIT	1	Recording enabled for SMF229.
SMF230	BIT	1	Recording enabled for SMF230.
SMF231	BIT	1	Recording enabled for SMF231.
SMF232	BIT	1	Recording enabled for SMF232.
SMF233	BIT	1	Recording enabled for SMF233.
SMF234	BIT	1	Recording enabled for SMF234.
SMF235	BIT	1	Recording enabled for SMF235.
SMF236	BIT	1	Recording enabled for SMF236.
SMF237	BIT	1	Recording enabled for SMF237.
SMF238	BIT	1	Recording enabled for SMF238.

SMF239	BIT	1	Recording enabled for SMF239.
SMF240	BIT	1	Recording enabled for SMF240.
SMF241	BIT	1	Recording enabled for SMF241.
SMF242	BIT	1	Recording enabled for SMF242.
SMF243	BIT	1	Recording enabled for SMF243.
SMF244	BIT	1	Recording enabled for SMF244.
SMF245	BIT	1	Recording enabled for SMF245.
SMF246	BIT	1	Recording enabled for SMF246.
SMF247	BIT	1	Recording enabled for SMF247.
SMF248	BIT	1	Recording enabled for SMF248.
SMF249	BIT	1	Recording enabled for SMF249.
SMF250	BIT	1	Recording enabled for SMF250.
SMF251	BIT	1	Recording enabled for SMF251.
SMF252	BIT	1	Recording enabled for SMF252.
SMF253	BIT	1	Recording enabled for SMF253.
SMF254	BIT	1	Recording enabled for SMF254.
SMF255	BIT	1	Recording enabled for SMF255.

SMF090_13_Subsystem.<fieldname>			
zEXN	CHAR	120	(IBM Name: SMF90EXN) Names of the active exits for this subsystem. Each sequentially listed exit name is 8-characters long. Up to 15 exits can be specified. If less than 15 exits are specified, the remaining portion of the list is filled with binary zeros.
zSYE	HEX	256	(IBM Name: SMF90SYE) Record selectivity bits for extended record types. The first 256 bits are also recorded in SMF90SYS.

Secondary segment: SMF090_13_Subsystem_Parameter

Field Name	Type	Len	Description
SMF090_13_Subsystem_Parameter.<fieldname>			
zASN	CHAR	4	(IBM Name: SMF90ASN) Subsystem name.
zAPM	CHAR	60	(IBM Name: SMF90APM) Accounting parameter.

Secondary segment: SMF090_14_SET_MPF

Field Name	Type	Len	Description
SMF090_14_SET_MPF.<fieldname>			
zTMP	TSTMP	8	(IBM Name: SMF90TMP) Time and date of change.
zMPO	CHAR	8	(IBM Name: SMF90MPO) Reserved (was name of old parmlib member).
zMPN	CHAR	8	(IBM Name: SMF90MPN) Reserved (was name of new parmlib member, for color).

zMPC	CHAR	8	(IBM Name: SMF90MPC) Reserved (was name of old parmlib member, for color).
zMCN	CHAR	8	(IBM Name: SMF90MCN) Reserved (was name of new parmlib member, for command).
zMCO	CHAR	8	(IBM Name: SMF90MCO) Reserved (was name of old parmlib member, for command).
zCMP	INT	4	(IBM Name: SMF90CMP) Count of MPF entries.
z14D	CHAR	2	(IBM Name: SMF9014D) Array of 2-byte suffixes of specified parmlib members (39 maximum).

Secondary segment: SMF090_15_SET_SMF_Restart

Field Name	Type	Len	Description
<i>SMF090_15_SET_SMF_Restart.<fieldname></i>			
zOSM	INT	4	(IBM Name: SMF90OSM) Offset to IPL SMF or SET SMF section from start of record, including the record descriptor word (RDW).
zLSM	INT	2	(IBM Name: SMF90LSM) Length of IPL SMF or SET SMF section.
zNSM	INT	2	(IBM Name: SMF90NSM) Number of IPL SMF or SET SMF sections.
zODA	INT	4	(IBM Name: SMF90ODA) Offset to data set section from the start of record, including the record descriptor word (RDW).
zLDA	INT	2	(IBM Name: SMF90LDA) Length of the data set section.
zNDA	INT	2	(IBM Name: SMF90NDA) Number of data set sections.
zOWK	INT	4	(IBM Name: SMF90OWK) Offset to subsystem section from the start of the record, including the record descriptor word (RDW).
zLWK	INT	2	(IBM Name: SMF90LWK) Length of subsystem section.
zNWK	INT	2	(IBM Name: SMF90NWK) Number of subsystem sections.
zOOT	INT	4	(IBM Name: SMF90OOT) Offset to subsystem parameter segment.
zLOT	INT	2	(IBM Name: SMF90LOT) Length of subsystem parameter segment.
zNOT	INT	2	(IBM Name: SMF90NOT) Number of subsystem parameter segments.

Secondary segment: SMF090_15_Command

Field Name	Type	Len	Description
<i>SMF090_15_Command.<fieldname></i>			
zMAX	CHAR	4	(IBM Name: SMF90MAX) Current value for MAXDORM, in the form mmss.
zSTA	CHAR	6	(IBM Name: SMF90STA) Current value for STATUS, in the form hhhmmss.

zJWT	CHAR	4	(IBM Name: SMF90JWT) Current value for JWT, in the form hhmm.
zSYI	CHAR	4	(IBM Name: SMF90SYI) System identification.
zBUF	INT	1	(IBM Name: SMF90BUF) Minimum number of buffers for older releases, otherwise 0.
zBUM	INT	1	(IBM Name: SMF90BUM) Minimum number of buffers for older releases, otherwise 0.

SMF090_15_Command.zSWT.<fieldname>

zPROMPT	BINT (ENUM)	4	PROMPT/NOPROMPT option.
zREC	BINT (ENUM)	2	REC/NOREC option.
zLISTDSN	BINT (ENUM)	2	LISTDSN/NOLISTDSN option.

SMF090_15_Command.zSW2.<fieldname>

zNOBUFFS	BINT (ENUM)	2	NOBUFFS option.
zLASTDS	BINT (ENUM)	2	LASTDS option.
zAUTHSETSMF	BINT (ENUM)	2	AUTHSETSMF/NOAUTHSETSMF option.
zSMF30COUNT	BINT (ENUM)	2	SMF30COUNT/NOSMF30COUNT option.

SMF090_15_Command.zSBU.<fieldname>

zSID	BINT (ENUM)	6	SID option.
------	----------------	---	-------------

SMF090_15_Command.<fieldname>

zREL	CHAR	4	(IBM Name: SMF90REL) Operating system release number.
zIIT	TSTMP	8	(IBM Name: SMF90IIT) Date and time of IPL.
zBFM	CHAR	5	(IBM Name: SMF90BFM) BUFSIZMAX value (ddddd).
zBFL	CHAR	2	(IBM Name: SMF90BFL) BUFUSEWARN value (dd).
zESWT	CHAR	4	(IBM Name: SMF90ESWT) SWT as entered in SMFPRMxx.
zETWT	CHAR	4	(IBM Name: SMF90ETWT) TWT as entered in SMFPRMxx.

Secondary segment: SMF090_15_SMF_Dataset

Field Name	Type	Len	Description
SMF090_15_SMF_Dataset.<fieldname>			
zDSN	CHAR	44	(IBM Name: SMF90DSN) SMF data set name.

Secondary segment: SMF090_15_Subsystem

Field Name	Type	Len	Description
<i>SMF090_15_Subsystem.<fieldname></i>			
zWKN	CHAR	4	(IBM Name: SMF90WKN) Name of subsystem.

<i>SMF090_15_Subsystem.zDTL.<fieldname></i>			
zDetail	BIT	1	Detail recording on.

<i>SMF090_15_Subsystem.<fieldname></i>			
zSVL	TSTMP	8	(IBM Name: SMF90SVL) Length of interval, in TOD clock format, between checkpoint SMF records.

<i>SMF090_15_Subsystem.zSYS.<fieldname></i>			
SMF0	BIT	1	Recording enabled for SMF000.
SMF1	BIT	1	Recording enabled for SMF001.
SMF2	BIT	1	Recording enabled for SMF002.
SMF3	BIT	1	Recording enabled for SMF003.
SMF4	BIT	1	Recording enabled for SMF004.
SMF5	BIT	1	Recording enabled for SMF005.
SMF6	BIT	1	Recording enabled for SMF006.
SMF7	BIT	1	Recording enabled for SMF007.
SMF8	BIT	1	Recording enabled for SMF008.
SMF9	BIT	1	Recording enabled for SMF009.
SMF10	BIT	1	Recording enabled for SMF010.
SMF11	BIT	1	Recording enabled for SMF011.
SMF12	BIT	1	Recording enabled for SMF012.
SMF13	BIT	1	Recording enabled for SMF013.
SMF14	BIT	1	Recording enabled for SMF014.
SMF15	BIT	1	Recording enabled for SMF015.
SMF16	BIT	1	Recording enabled for SMF016.
SMF17	BIT	1	Recording enabled for SMF017.
SMF18	BIT	1	Recording enabled for SMF018.
SMF19	BIT	1	Recording enabled for SMF019.
SMF20	BIT	1	Recording enabled for SMF020.
SMF21	BIT	1	Recording enabled for SMF021.
SMF22	BIT	1	Recording enabled for SMF022.
SMF23	BIT	1	Recording enabled for SMF023.
SMF24	BIT	1	Recording enabled for SMF024.
SMF25	BIT	1	Recording enabled for SMF025.
SMF26	BIT	1	Recording enabled for SMF026.
SMF27	BIT	1	Recording enabled for SMF027.
SMF28	BIT	1	Recording enabled for SMF028.
SMF29	BIT	1	Recording enabled for SMF029.
SMF30	BIT	1	Recording enabled for SMF030.

SMF31	BIT	1	Recording enabled for SMF031.
SMF32	BIT	1	Recording enabled for SMF032.
SMF33	BIT	1	Recording enabled for SMF033.
SMF34	BIT	1	Recording enabled for SMF034.
SMF35	BIT	1	Recording enabled for SMF035.
SMF36	BIT	1	Recording enabled for SMF036.
SMF37	BIT	1	Recording enabled for SMF037.
SMF38	BIT	1	Recording enabled for SMF038.
SMF39	BIT	1	Recording enabled for SMF039.
SMF40	BIT	1	Recording enabled for SMF040.
SMF41	BIT	1	Recording enabled for SMF041.
SMF42	BIT	1	Recording enabled for SMF042.
SMF43	BIT	1	Recording enabled for SMF043.
SMF44	BIT	1	Recording enabled for SMF044.
SMF45	BIT	1	Recording enabled for SMF045.
SMF46	BIT	1	Recording enabled for SMF046.
SMF47	BIT	1	Recording enabled for SMF047.
SMF48	BIT	1	Recording enabled for SMF048.
SMF49	BIT	1	Recording enabled for SMF049.
SMF50	BIT	1	Recording enabled for SMF050.
SMF51	BIT	1	Recording enabled for SMF051.
SMF52	BIT	1	Recording enabled for SMF052.
SMF53	BIT	1	Recording enabled for SMF053.
SMF54	BIT	1	Recording enabled for SMF054.
SMF55	BIT	1	Recording enabled for SMF055.
SMF56	BIT	1	Recording enabled for SMF056.
SMF57	BIT	1	Recording enabled for SMF057.
SMF58	BIT	1	Recording enabled for SMF058.
SMF59	BIT	1	Recording enabled for SMF059.
SMF60	BIT	1	Recording enabled for SMF060.
SMF61	BIT	1	Recording enabled for SMF061.
SMF62	BIT	1	Recording enabled for SMF062.
SMF63	BIT	1	Recording enabled for SMF063.
SMF64	BIT	1	Recording enabled for SMF064.
SMF65	BIT	1	Recording enabled for SMF065.
SMF66	BIT	1	Recording enabled for SMF066.
SMF67	BIT	1	Recording enabled for SMF067.
SMF68	BIT	1	Recording enabled for SMF068.
SMF69	BIT	1	Recording enabled for SMF069.
SMF70	BIT	1	Recording enabled for SMF070.
SMF71	BIT	1	Recording enabled for SMF071.
SMF72	BIT	1	Recording enabled for SMF072.
SMF73	BIT	1	Recording enabled for SMF073.

SMF74	BIT	1	Recording enabled for SMF074.
SMF75	BIT	1	Recording enabled for SMF075.
SMF76	BIT	1	Recording enabled for SMF076.
SMF77	BIT	1	Recording enabled for SMF077.
SMF78	BIT	1	Recording enabled for SMF078.
SMF79	BIT	1	Recording enabled for SMF079.
SMF80	BIT	1	Recording enabled for SMF080.
SMF81	BIT	1	Recording enabled for SMF081.
SMF82	BIT	1	Recording enabled for SMF082.
SMF83	BIT	1	Recording enabled for SMF083.
SMF84	BIT	1	Recording enabled for SMF084.
SMF85	BIT	1	Recording enabled for SMF085.
SMF86	BIT	1	Recording enabled for SMF086.
SMF87	BIT	1	Recording enabled for SMF087.
SMF88	BIT	1	Recording enabled for SMF088.
SMF89	BIT	1	Recording enabled for SMF089.
SMF90	BIT	1	Recording enabled for SMF090.
SMF91	BIT	1	Recording enabled for SMF091.
SMF92	BIT	1	Recording enabled for SMF092.
SMF93	BIT	1	Recording enabled for SMF093.
SMF94	BIT	1	Recording enabled for SMF094.
SMF95	BIT	1	Recording enabled for SMF095.
SMF96	BIT	1	Recording enabled for SMF096.
SMF97	BIT	1	Recording enabled for SMF097.
SMF98	BIT	1	Recording enabled for SMF098.
SMF99	BIT	1	Recording enabled for SMF099.
SMF100	BIT	1	Recording enabled for SMF100.
SMF101	BIT	1	Recording enabled for SMF101.
SMF102	BIT	1	Recording enabled for SMF102.
SMF103	BIT	1	Recording enabled for SMF103.
SMF104	BIT	1	Recording enabled for SMF104.
SMF105	BIT	1	Recording enabled for SMF105.
SMF106	BIT	1	Recording enabled for SMF106.
SMF107	BIT	1	Recording enabled for SMF107.
SMF108	BIT	1	Recording enabled for SMF108.
SMF109	BIT	1	Recording enabled for SMF109.
SMF110	BIT	1	Recording enabled for SMF110.
SMF111	BIT	1	Recording enabled for SMF111.
SMF112	BIT	1	Recording enabled for SMF112.
SMF113	BIT	1	Recording enabled for SMF113.
SMF114	BIT	1	Recording enabled for SMF114.
SMF115	BIT	1	Recording enabled for SMF115.
SMF116	BIT	1	Recording enabled for SMF116.

SMF117	BIT	1	Recording enabled for SMF117.
SMF118	BIT	1	Recording enabled for SMF118.
SMF119	BIT	1	Recording enabled for SMF119.
SMF120	BIT	1	Recording enabled for SMF120.
SMF121	BIT	1	Recording enabled for SMF121.
SMF122	BIT	1	Recording enabled for SMF122.
SMF123	BIT	1	Recording enabled for SMF123.
SMF124	BIT	1	Recording enabled for SMF124.
SMF125	BIT	1	Recording enabled for SMF125.
SMF126	BIT	1	Recording enabled for SMF126.
SMF127	BIT	1	Recording enabled for SMF127.
SMF128	BIT	1	Recording enabled for SMF128.
SMF129	BIT	1	Recording enabled for SMF129.
SMF130	BIT	1	Recording enabled for SMF130.
SMF131	BIT	1	Recording enabled for SMF131.
SMF132	BIT	1	Recording enabled for SMF132.
SMF133	BIT	1	Recording enabled for SMF133.
SMF134	BIT	1	Recording enabled for SMF134.
SMF135	BIT	1	Recording enabled for SMF135.
SMF136	BIT	1	Recording enabled for SMF136.
SMF137	BIT	1	Recording enabled for SMF137.
SMF138	BIT	1	Recording enabled for SMF138.
SMF139	BIT	1	Recording enabled for SMF139.
SMF140	BIT	1	Recording enabled for SMF140.
SMF141	BIT	1	Recording enabled for SMF141.
SMF142	BIT	1	Recording enabled for SMF142.
SMF143	BIT	1	Recording enabled for SMF143.
SMF144	BIT	1	Recording enabled for SMF144.
SMF145	BIT	1	Recording enabled for SMF145.
SMF146	BIT	1	Recording enabled for SMF146.
SMF147	BIT	1	Recording enabled for SMF147.
SMF148	BIT	1	Recording enabled for SMF148.
SMF149	BIT	1	Recording enabled for SMF149.
SMF150	BIT	1	Recording enabled for SMF150.
SMF151	BIT	1	Recording enabled for SMF151.
SMF152	BIT	1	Recording enabled for SMF152.
SMF153	BIT	1	Recording enabled for SMF153.
SMF154	BIT	1	Recording enabled for SMF154.
SMF155	BIT	1	Recording enabled for SMF155.
SMF156	BIT	1	Recording enabled for SMF156.
SMF157	BIT	1	Recording enabled for SMF157.
SMF158	BIT	1	Recording enabled for SMF158.
SMF159	BIT	1	Recording enabled for SMF159.

SMF160	BIT	1	Recording enabled for SMF160.
SMF161	BIT	1	Recording enabled for SMF161.
SMF162	BIT	1	Recording enabled for SMF162.
SMF163	BIT	1	Recording enabled for SMF163.
SMF164	BIT	1	Recording enabled for SMF164.
SMF165	BIT	1	Recording enabled for SMF165.
SMF166	BIT	1	Recording enabled for SMF166.
SMF167	BIT	1	Recording enabled for SMF167.
SMF168	BIT	1	Recording enabled for SMF168.
SMF169	BIT	1	Recording enabled for SMF169.
SMF170	BIT	1	Recording enabled for SMF170.
SMF171	BIT	1	Recording enabled for SMF171.
SMF172	BIT	1	Recording enabled for SMF172.
SMF173	BIT	1	Recording enabled for SMF173.
SMF174	BIT	1	Recording enabled for SMF174.
SMF175	BIT	1	Recording enabled for SMF175.
SMF176	BIT	1	Recording enabled for SMF176.
SMF177	BIT	1	Recording enabled for SMF177.
SMF178	BIT	1	Recording enabled for SMF178.
SMF179	BIT	1	Recording enabled for SMF179.
SMF180	BIT	1	Recording enabled for SMF180.
SMF181	BIT	1	Recording enabled for SMF181.
SMF182	BIT	1	Recording enabled for SMF182.
SMF183	BIT	1	Recording enabled for SMF183.
SMF184	BIT	1	Recording enabled for SMF184.
SMF185	BIT	1	Recording enabled for SMF185.
SMF186	BIT	1	Recording enabled for SMF186.
SMF187	BIT	1	Recording enabled for SMF187.
SMF188	BIT	1	Recording enabled for SMF188.
SMF189	BIT	1	Recording enabled for SMF189.
SMF190	BIT	1	Recording enabled for SMF190.
SMF191	BIT	1	Recording enabled for SMF191.
SMF192	BIT	1	Recording enabled for SMF192.
SMF193	BIT	1	Recording enabled for SMF193.
SMF194	BIT	1	Recording enabled for SMF194.
SMF195	BIT	1	Recording enabled for SMF195.
SMF196	BIT	1	Recording enabled for SMF196.
SMF197	BIT	1	Recording enabled for SMF197.
SMF198	BIT	1	Recording enabled for SMF198.
SMF199	BIT	1	Recording enabled for SMF199.
SMF200	BIT	1	Recording enabled for SMF200.
SMF201	BIT	1	Recording enabled for SMF201.
SMF202	BIT	1	Recording enabled for SMF202.

SMF203	BIT	1	Recording enabled for SMF203.
SMF204	BIT	1	Recording enabled for SMF204.
SMF205	BIT	1	Recording enabled for SMF205.
SMF206	BIT	1	Recording enabled for SMF206.
SMF207	BIT	1	Recording enabled for SMF207.
SMF208	BIT	1	Recording enabled for SMF208.
SMF209	BIT	1	Recording enabled for SMF209.
SMF210	BIT	1	Recording enabled for SMF210.
SMF211	BIT	1	Recording enabled for SMF211.
SMF212	BIT	1	Recording enabled for SMF212.
SMF213	BIT	1	Recording enabled for SMF213.
SMF214	BIT	1	Recording enabled for SMF214.
SMF215	BIT	1	Recording enabled for SMF215.
SMF216	BIT	1	Recording enabled for SMF216.
SMF217	BIT	1	Recording enabled for SMF217.
SMF218	BIT	1	Recording enabled for SMF218.
SMF219	BIT	1	Recording enabled for SMF219.
SMF220	BIT	1	Recording enabled for SMF220.
SMF221	BIT	1	Recording enabled for SMF221.
SMF222	BIT	1	Recording enabled for SMF222.
SMF223	BIT	1	Recording enabled for SMF223.
SMF224	BIT	1	Recording enabled for SMF224.
SMF225	BIT	1	Recording enabled for SMF225.
SMF226	BIT	1	Recording enabled for SMF226.
SMF227	BIT	1	Recording enabled for SMF227.
SMF228	BIT	1	Recording enabled for SMF228.
SMF229	BIT	1	Recording enabled for SMF229.
SMF230	BIT	1	Recording enabled for SMF230.
SMF231	BIT	1	Recording enabled for SMF231.
SMF232	BIT	1	Recording enabled for SMF232.
SMF233	BIT	1	Recording enabled for SMF233.
SMF234	BIT	1	Recording enabled for SMF234.
SMF235	BIT	1	Recording enabled for SMF235.
SMF236	BIT	1	Recording enabled for SMF236.
SMF237	BIT	1	Recording enabled for SMF237.
SMF238	BIT	1	Recording enabled for SMF238.
SMF239	BIT	1	Recording enabled for SMF239.
SMF240	BIT	1	Recording enabled for SMF240.
SMF241	BIT	1	Recording enabled for SMF241.
SMF242	BIT	1	Recording enabled for SMF242.
SMF243	BIT	1	Recording enabled for SMF243.
SMF244	BIT	1	Recording enabled for SMF244.
SMF245	BIT	1	Recording enabled for SMF245.

SMF246	BIT	1	Recording enabled for SMF246.
SMF247	BIT	1	Recording enabled for SMF247.
SMF248	BIT	1	Recording enabled for SMF248.
SMF249	BIT	1	Recording enabled for SMF249.
SMF250	BIT	1	Recording enabled for SMF250.
SMF251	BIT	1	Recording enabled for SMF251.
SMF252	BIT	1	Recording enabled for SMF252.
SMF253	BIT	1	Recording enabled for SMF253.
SMF254	BIT	1	Recording enabled for SMF254.
SMF255	BIT	1	Recording enabled for SMF255.

SMF090_15_Subsystem.<fieldname>			
zEXN	CHAR	120	(IBM Name: SMF90EXN) Names of the active exits for this subsystem. Each sequentially listed exit name is 8-characters long. Up to 15 exits can be specified. If less than 15 exits are specified, the remaining portion of the list is filled with binary zeros.
zSYE	HEX	256	(IBM Name: SMF90SYE) Record selectivity bits for extended record types. The first 256 bits are also recorded in SMF90SYS.

Secondary segment: SMF090_15_Subsystem_Parameter

Field Name	Type	Len	Description
<i>SMF090_15_Subsystem_Parameter.<fieldname></i>			
zASN	CHAR	4	(IBM Name: SMF90ASN) Subsystem name.
zAPM	CHAR	60	(IBM Name: SMF90APM) Accounting parameter.

Secondary segment: SMF090_16_SET_DAE

Field Name	Type	Len	Description
<i>SMF090_16_SET_DAE.<fieldname></i>			
zDAT	TSTMP	8	(IBM Name: SMF90DAT) Time of date and change.
zDAO	CHAR	8	(IBM Name: SMF90DAO) Name of the old parmlib member.
zDAN	CHAR	8	(IBM Name: SMF90DAN) Name of the new parmlib member.

Secondary segment: SMF090_17_SET_PFK

Field Name	Type	Len	Description
<i>SMF090_17_SET_PFK.<fieldname></i>			
zTPF	TSTMP	8	

			(IBM Name: SMF90TPF) Time of SET PFK change.
zPFO	CHAR	8	(IBM Name: SMF90PFO) Old PFK parmlib member (written to object).
zPFN	CHAR	8	(IBM Name: SMF90PFN) New PFK parmlib member.

Secondary segment: **SMF090_18_SET_GRSRNL**

Field Name	Type	Len	Description
<i>SMF090_18_SET_GRSRNL.<fieldname></i>			
zSGT	TSTMP	8	(IBM Name: SMF90SGT) Time that the command was entered.
zSGS	CHAR	8	(IBM Name: SMF90SGS) System that issued the command.
zSGC	INT	4	(IBM Name: SMF90SGC) Count of suffixes of specified parmlib members. This field contains zeroes if the command was not issued on this system.
zSGN	CHAR	2	(IBM Name: SMF90SGN) Array of two-byte suffixes of specified parmlib members. When SMF90SGC is zero, this array is not valid (and contains zeroes).

Secondary segment: **SMF090_19_SET_APPC**

Field Name	Type	Len	Description
<i>SMF090_19_SET_APPC.<fieldname></i>			
zAPT	TSTMP	8	(IBM Name: SMF90APT) Time and date that the SET APPC command was issued.
zAPC	INT	4	(IBM Name: SMF90APC) Number of entries that follow.
zAPN	CHAR	8	(IBM Name: SMF90APN) Name of the new parmlib member used to update the APPC/MVS (Advanced Program-to-Program Communication/MVS) configuration. This subtype is repeated.

Secondary segment: **SMF090_20_SET_ASCH**

Field Name	Type	Len	Description
<i>SMF090_20_SET_ASCH.<fieldname></i>			
zSCT	TSTMP	8	(IBM Name: SMF90SCT) Time and date of the SET ASCH change.
zSCC	INT	4	(IBM Name: SMF90SCC) Number of entries that follow.
zSCN	CHAR	8	(IBM Name: SMF90SCN) Name of the new parmlib member used to update the APPC/MVS scheduler configuration. This subtype is repeated for each member specified on the command.

Secondary segment: SMF090_21_SET_SCH

Field Name	Type	Len	Description
<i>SMF090_21_SET_SCH.<fieldname></i>			
zSHT	TSTMP	8	(IBM Name: SMF90SHT) Time and date of SET SCH change.
zSHC	INT	4	(IBM Name: SMF90SHC) Number of entries that follow.
zSHN	CHAR	8	(IBM Name: SMF90SHN) Name of the new parmlib member used to update the APPC/MVS scheduler configuration. This subtype is repeated for each member specified on the command.

Secondary segment: SMF090_22_SET_CNGRP

Field Name	Type	Len	Description
<i>SMF090_22_SET_CNGRP.<fieldname></i>			
zCGT	TSTMP	8	(IBM Name: SMF90CGT) Time and date of SET CNGRP change.
zCGC	INT	4	(IBM Name: SMF90CGC) Number of entries that follow.
zCGN	CHAR	8	(IBM Name: SMF90CGN) Name of specified CNGRP parmlib member. This field is repeated for each member specified on the command.

Secondary segment: SMF090_23_IPL_WLM

Field Name	Type	Len	Description
<i>SMF090_23_IPL_WLM.<fieldname></i>			
zIDN	CHAR	8	(IBM Name: SMF90IDN) Service definition name
zTDI	TSTMP	8	(IBM Name: SMF90TDI) Time and date (STCK) of installation
zIDU	CHAR	8	(IBM Name: SMF90IDU) User ID of service level administrator that installed this service definition.
zIDS	CHAR	8	(IBM Name: SMF90IDS) Name of the system from which the service definition was installed.

Secondary segment: SMF090_24_VARY_WLM

Field Name	Type	Len	Description
<i>SMF090_24_VARY_WLM.<fieldname></i>			
z24S	INT	4	(IBM Name: SMF9024S) Sequence number. When the service policy is larger than will fit in 1 subtype 24 record, this field describes the order in which individual records must be combined to view the entire service policy.
z24N	INT	4	(IBM Name: SMF9024N) Number of subtype 24 records which must be combined to map the policy. When 1 record is enough, both SMF9024S and SMF9024N will be 1.

z24I	INT	4	(IBM Name: SMF9024I) Unique ID that is used to ensure all 'N' records of 1 policy can be combined without mixing data from 2 rapid VARY policy commands.
------	-----	---	---

SMF090_24_VARY_WLM.z24A.<fieldname>

zPOLNAM	CHAR	4	(IBM Name: SVPOLNAM) Eyecatcher - SVPO
zPOLLVL	INT (ENUM)	1	(IBM Name: SVPOLLVL) Functionality level of the SVPOL. The functionality level defines the highest level of the WLM function that exists in the SVPOL.
zPOLWVN	INT (ENUM)	1	(IBM Name: SVPOLWVN) WLM version number
zPOLDIL	INT	2	(IBM Name: SVPOLDIL) Length of header section
zPOLDLE	INT	4	(IBM Name: SVPOLDLE) Total length of the active service policy data structure
zPOLDPO	INT	4	(IBM Name: SVPOLDPO) Offset to the service policy definition section
zPOLDPL	INT	2	(IBM Name: SVPOLDPL) Length of the policy entry in the policy section
zPOLDWO	INT	4	(IBM Name: SVPOLDWO) Offset to the workload definition section
zPOLDWC	INT	2	(IBM Name: SVPOLDWC) Number of workload entries in the workload definition section
zPOLDWL	INT	2	(IBM Name: SVPOLDWL) Length of each workload entry
zPOLDZO	INT	4	(IBM Name: SVPOLDZO) Offset to the service class definition section
zPOLDCC	INT	2	(IBM Name: SVPOLDCC) Number of service class entries in the service class definition section
zPOLDCL	INT	2	(IBM Name: SVPOLDCL) Length of each service class definition entry
zPOLDZC	INT	4	(IBM Name: SVPOLDZC) Offset of service class period entries
zPOLDZL	INT	2	(IBM Name: SVPOLDZL) Length of each service class period entry
zPOLDRO	INT	4	(IBM Name: SVPOLDRO) Offset to the report class definition section
zPOLDRC	INT	2	(IBM Name: SVPOLDRC) Number of report class entries in the report class definition section
zPOLDRL	INT	2	(IBM Name: SVPOLDRL) Length of each report class definition entry
zPOLDGO	INT	4	(IBM Name: SVPOLDGO) Offset to the resource group definition section
zPOLDGC	INT	2	(IBM Name: SVPOLDGC) Number of resource group entries in the resource group definition
zPOLDGL	INT	2	(IBM Name: SVPOLDGL) Length of each resource group definition entry

SMF090_24_VARY_WLM.z24A.zPOLFL1.<fieldname>

zSH2	BIT	1	(IBM Name: SVPOLSH2) Indicate whether SYSH contain rule, service class or report class.
zEWL	BIT	1	(IBM Name: SVPOLEWL) Indicate whether policy contains EWLM policy element.

zEWM	BIT	1	(IBM Name: SVPOLEWM) Indicate whether policy contains EWLM managed server configuration.
zEWU	BIT	1	(IBM Name: SVPOLEWU) Indicator that contained EWLM policy elements has changed.

SMF090_24_VARY_WLM.z24A.<fieldname>

zPOLEMO	INT	4	(IBM Name: SVPOLEMO) Offset to EWLM managed server configuration definition section
zPOLEMC	INT	2	(IBM Name: SVPOLEMC) Number of EWLM managed server configuration entries
zPOLEML	INT	2	(IBM Name: SVPOLEML) Length of EWLM managed server configuration entry
zPOLESO	INT	4	(IBM Name: SVPOLESO) EWLM managed server configur.: Offset to system names to be excluded
zPOLESC	INT	2	(IBM Name: SVPOLESC) EWLM managed server configur.: Number of system names be excluded
zPOLESL	INT	2	(IBM Name: SVPOLESL) EWLM managed server configur.: Length of system names to be excluded

Secondary segment: SMF090_24_Service_Policy_Definition

Field Name	Type	Len	Description
SMF090_24_Service_Policy_Definition.<fieldname>			
zPOLNSP	CHAR	8	(IBM Name: SVPOLNSP) Service policy name.
zPOLDSP	CHAR	32	(IBM Name: SVPOLDSP) Service policy description.
zPOLTPA	TSTMP	8	(IBM Name: SVPOLTPA) Time/date (STCK format) of policy activation.
zPOLIPU	CHAR	8	(IBM Name: SVPOLIPU) Userid of the system operator or service administrator who activated the service policy.
zPOLSNA	CHAR	8	(IBM Name: SVPOLSNA) Name of the system on which policy activation was initiated.
zPOLSEQ	INT	4	(IBM Name: SVPOLSEQ) Classification sequence number Removed svpolsqn added in OW43718..
zPOLASN	INT	4	(IBM Name: SVPOLASN) Activation sequence number.

SMF090_24_Service_Policy_Definition.zPOLSV.<fieldname>

zPOLIDN	CHAR	8	(IBM Name: SVPOLIDN) Name of the service definition from which the service policy was extracted.
zPOLTDI	TSTMP	8	(IBM Name: SVPOLTDI) Time/date (STCK format) that the service definition was installed.
zPOLIDU	CHAR	8	(IBM Name: SVPOLIDU) Userid of the service administrator who installed the service definition.
zPOLIDS	CHAR	8	(IBM Name: SVPOLIDS) Name of the system on which the service definition was installed.

SMF090_24_Service_Policy_Definition.<fieldname>

zPOLIDD	CHAR	32	(IBM Name: SVPOLIDD) Description of service definition from which the service policy was extracted.
zPOLCPU	INT	4	

			(IBM Name: SVPOLCPU) CPU service coefficient * 10000 - the number by which accumulated CPU service units will be multiplied (weighted).
zPOLIOC	INT	4	(IBM Name: SVPOLIOC) I/O service coefficient * 10000 - the number by which accumulated I/O service units will be multiplied (weighted).
zPOLMSO	INT	4	(IBM Name: SVPOLMSO) Storage service coefficient (MSO) * 10000 - the number by which accumulated storage service units will be multiplied (weighted).
zPOLSRB	INT	4	(IBM Name: SVPOLSRB) SRB service coefficient * 10000 - the number by which accumulated SRB service units will be multiplied (weighted).
zPOLECP	CHAR	4	(IBM Name: SVPOLECP) EBCDIC representation of CPU service coefficient.
zPOLEIO	CHAR	4	(IBM Name: SVPOLEIO) EBCDIC representation of I/O service coefficient.
zPOLEMS	CHAR	8	(IBM Name: SVPOLEMS) EBCDIC representation of Storage service coefficient.
zPOLESR	CHAR	4	(IBM Name: SVPOLESR) EBCDIC representation of SRB service coefficient.

SMF090_24_Service_Policy_Definition.zPOLFL2.<fieldname>

zPOLIOM	BIT	1	(IBM Name: SVPOLIOM) When set indicates that we should include the I/O delays in the execution velocity.
zPOLDAM	BIT	1	(IBM Name: SVPOLDAM) When set indicates dynamic alias tuning available.

SMF090_24_Service_Policy_Definition.<fieldname>

zPOLENM	CHAR	64	(IBM Name: SVPOLENM) EWLM Policy Name (EBCDIC).
zPOLEVR	CHAR	64	(IBM Name: SVPOLEVR) EWLM Policy Version (EBCDIC).
zPOLEPU	CHAR	16	(IBM Name: SVPOLEPU) EWLM Policy UUID.
zPOLEMU	CHAR	16	(IBM Name: SVPOLEMU) EWLM Mgmt Server UUID.
zPOLESQ	INT	2	(IBM Name: SVPOLESQ) EWLM Policy Seq. Num..
zPOLEPI	INT	2	(IBM Name: SVPOLEPI) EWLM Policy ID.
zPOLESI	INT	2	(IBM Name: SVPOLESI) EWLM Server ID.
zPOLENW	INT	2	(IBM Name: SVPOLENW) Number of EWLM Workloads.
zPOLENS	INT	2	(IBM Name: SVPOLENS) Number of EWLM Service Classes.
zPOLENP	INT	2	(IBM Name: SVPOLENP) Number of EWLM Service Class Periods.
zPOLEAT	HEX	8	(IBM Name: SVPOLEAT) EWLM policy activation time. Microseconds since 1.Jan.1970.
zPOLCPG	CHAR	40	(IBM Name: SVPOLCPG) Codepage used for service definition.

Secondary segment: SMF090_24_Workload_Definition

Field Name	Type	Len	Description
<i>SMF090_24_Workload_Definition.<fieldname></i>			
zPOLWNM	CHAR	8	(IBM Name: SVPOLWNM) Workload name.
zPOLWDE	CHAR	32	(IBM Name: SVPOLWDE) Workload description.
zPOLWEN	CHAR	64	(IBM Name: SVPOLWEN) EWLM Workload name (EBCDIC).
<i>SMF090_24_Workload_Definition.zPOLWFL.<fieldname></i>			
zPOLWEW	BIT	1	(IBM Name: SVPOLWEW) Indicate whether workload is an EWLM workload.

Secondary segment: SMF090_24_Service_Class_Definition

Field Name	Type	Len	Description
<i>SMF090_24_Service_Class_Definition.<fieldname></i>			
zPOLCNM	CHAR	8	(IBM Name: SVPOLCNM) Service class name.
zPOLCDE	CHAR	32	(IBM Name: SVPOLCDE) Service class description.
zPOLCWN	CHAR	8	(IBM Name: SVPOLCWN) Name of the workload this service class is associated with.
zPOLCRN	CHAR	8	(IBM Name: SVPOLCRN) Name of the resource group this service class is associated with - blanks if no resource group association.
zPOLCPO	INT	4	(IBM Name: SVPOLCPO) Offset of service class period entries for this service class.
zPOLCPN	INT	2	(IBM Name: SVPOLCPN) Number of service class periods for this service class.
<i>SMF090_24_Service_Class_Definition.zPOLCFL.<fieldname></i>			
zPOLCDH	BIT	1	(IBM Name: SVPOLCDH) Indicate class histories should be discarded.
zPOLCPC	BIT	1	(IBM Name: SVPOLCPC) Indicator for CPU critical.
zPOLSTR	BIT	1	(IBM Name: SVPOLSTR) Indicator for Storage Protection.
zPOLTRA	BIT	1	(IBM Name: SVPOLTRA) Indicator for whether this service class is used in any transaction subsystem type.
zPOLADR	BIT	1	(IBM Name: SVPOLADR) Indicator for whether this service class is used in any address space subsystem type.
zPOLENC	BIT	1	(IBM Name: SVPOLENC) Indicator for whether this service class is used in any enclave subsystem type.
zPOLSYH	BIT	1	(IBM Name: SVPOLSYH) Indicator for whether this service class is used in non-MVS logical partitions ie. SYSH.
<i>SMF090_24_Service_Class_Definition.<fieldname></i>			
zPOLCGI	INT	4	

			(IBM Name: SVPOLCGI) Resource group index - the index of the resource group entry in SVPOL of the resource group to which this service class belongs.
zPOLCWI	INT	4	(IBM Name: SVPOLCWI) Workload index - the index of the workload entry in SVPOL of the workload to which this service class belongs.
zPOLCEN	CHAR	64	(IBM Name: SVPOLCEN) EWLM Service Class name (EBCDIC).
zPOLCEK	INT	2	(IBM Name: SVPOLCEK) EWLM Service Class key.

SMF090_24_Service_Class_Definition.zPOLCEF.<fieldname>

zPOLCEW	BIT	1	(IBM Name: SVPOLCEW) Indicate whether service class is an EWLM workload.
---------	-----	---	---

SMF090_24_Service_Class_Definition.<fieldname>

zPOLCSI	INT	2	(IBM Name: SVPOLCSI) EWLM Server ID.
---------	-----	---	---

Secondary segment: SMF090_24_Service_Class_Period

Field Name	Type	Len	Description
<i>SMF090_24_Service_Class_Period.<fieldname></i>			
SMF090_24_Service_Class_Period.zPOLTYP.<fieldname>			
zPOLPRC	BIT	1	(IBM Name: SVPOLPRC) Percentile response time goal.
zPOLAVG	BIT	1	(IBM Name: SVPOLAVG) Average response time goal.
zPOLVEL	BIT	1	(IBM Name: SVPOLVEL) Velocity goal.
zPOLDSC	BIT	1	(IBM Name: SVPOLDSC) Discretionary goal.
zPOLSTM	BIT	1	(IBM Name: SVPOLSTM) System goal.
SMF090_24_Service_Class_Period.zPOLTFL.<fieldname>			
zPOLTEW	BIT	1	(IBM Name: SVPOLTEW) Goal derived from EWLM policy.
SMF090_24_Service_Class_Period.<fieldname>			
zPOLRTU	INT (ENUM)	1	(IBM Name: SVPOLRTU) Response time unit indicator indicating the units in which SVPOLVAL is expressed - milliseconds (MS), seconds (SECOND), minutes (MINUTE) or hours (HOUR).
zPOLPER	INT	2	(IBM Name: SVPOLPER) Goal percentile value.
zPOLIMP	INT	2	(IBM Name: SVPOLIMP) Importance level ranging from 1 to 5 where 1 is most important.
zPOLVAL	INT	4	(IBM Name: SVPOLVAL) Response time goal or velocity goal. Zero if discretionary or system goal or no goal defined.
zPOLDUR	INT	4	(IBM Name: SVPOLDUR) Service class period duration in service units, or zero for last period.

Secondary segment: SMF090_24_Report_Class_Definition

Field Name	Type	Len	Description
<i>SMF090_24_Report_Class_Definition.<fieldname></i>			
zPOLRNM	CHAR	8	(IBM Name: SVPOLRNM) report class name.
zPOLRDE	CHAR	32	(IBM Name: SVPOLRDE) report class description.

Secondary segment: SMF090_24_Resource_Group_Definition

Field Name	Type	Len	Description
<i>SMF090_24_Resource_Group_Definition.<fieldname></i>			
zPOLGNM	CHAR	8	(IBM Name: SVPOLGNM) Resource group name.
zPOLGDE	CHAR	32	(IBM Name: SVPOLGDE) Resource group description.
zPOLGMN	INT	4	(IBM Name: SVPOLGMN) If SVPOLMNS = 1, this field contains information about the minimum capacity of the resource group. (a) If both SVPOLGPV / SVPOLGPC are '0'B, the value in SVPOLGMN is in unweighted CPU service units per second. In this case the scope of the resource group and the minimum value is sysplex-wide (b) If SVPOLGPV = '1'B the value is in percentage of the LPAR share. See description of SVPOLGPV below. (c) If SVPOLGPC = '1'B the value is in percentage of a single CP capacity. See descr. of SVPOLGPC below.
zPOLGMX	INT	4	(IBM Name: SVPOLGMX) If SVPOLMXS = 1, this field contains information about the maximum capacity of the resource group. (a) If both SVPOLGPV / SVPOLGPC are '0'B, the value in SVPOLGMX is in unweighted CPU service units per second. In this case the scope of the resource group and the minimum value is sysplex-wide. (b) If SVPOLGPV = '1'B the value is in percentage of the LPAR share. See description of SVPOLGPV below. (c) If SVPOLGPC = '1'B the value is in percentage of a single CP capacity. See descr. of SVPOLGPC below.

SMF090_24_Resource_Group_Definition.zPOLGLT.<fieldname>

zPOLMXS	BIT	1	(IBM Name: SVPOLMXS) Maximum capacity was specified.
zPOLMNS	BIT	1	(IBM Name: SVPOLMNS) Minimum capacity was specified.
zPOLGSD	BIT	1	(IBM Name: SVPOLGSD) Internally used only.
zPOLGPV	BIT	1	(IBM Name: SVPOLGPV) The specification of the min (SVPOLGMN) and the max(SVPOLGMX) capacity is in percentage of the LPAR share rather than in service units. The scope of the RG is system-wide rather than sysplex-wide.
zPOLGPC	BIT	1	(IBM Name: SVPOLGPC) The specification of the min (SVPOLGMN) and the max(SVPOLGMX) capacity is in percentage of a single processor (CP) capacity = % of RMCTADJC. The scope of the RG is system-wide rather than sysplex-wide.

Secondary segment: SMF090_24_EWLM_Managed_Server_Definition

Field Name	Type	Len	Description
<i>SMF090_24_EWLM_Managed_Server_Definition.<fieldname></i>			
SMF090_24_EWLM_Managed_Server_Definition.zPOLEFL.<fieldname>			
zPOLEAY	BIT	1	(IBM Name: SVPOLEAY) EWLM managed server should be managed by WLM.
zPOLALS	BIT	1	(IBM Name: SVPOLALS) Authority level = ServerSSI.
zPOLALC	BIT	1	(IBM Name: SVPOLALC) Authority level = ClientServerSSI.
SMF090_24_EWLM_Managed_Server_Definition.<fieldname>			
zPOLEDP	INT	4	(IBM Name: SVPOLEDP) Port number of EWLM domain manager.
zPOLEDN	CHAR	256	(IBM Name: SVPOLEDN) Hostname of EWLM domain manager.
zPOLSKN	CHAR	240	(IBM Name: SVPOLSKN) Name of SAF keyring. The real maximum length is 237 bytes.

Secondary segment: SMF090_24_EWLM_Managed_Server_Excluded_Sysnames

Field Name	Type	Len	Description
<i>SMF090_24_EWLM_Managed_Server_Excluded_Sysnames.<fieldname></i>			
zPOLSYN	CHAR	8	(IBM Name: SVPOLSYN) Name of host system to be excluded.

Secondary segment: SMF090_25_MODIFY_WLM

Field Name	Type	Len	Description
<i>SMF090_25_MODIFY_WLM.<fieldname></i>			
zMOD	CHAR	1	(IBM Name: SMF90MOD) Reserved.
zMRS	CHAR	3	(IBM Name: SMF90MRS) Reserved.
zMTD	CHAR	8	(IBM Name: SMF90MTD) Reserved.
zNSP	CHAR	8	(IBM Name: SMF90NSP) Name of the service policy activated by the VARY WLM command.
zTPA	TSTMP	8	(IBM Name: SMF90TPA) Time and date (STCK) associated with the initial activation of this service policy.
zIPU	CHAR	8	(IBM Name: SMF90IPU) User ID of the system operator or service level administrator who activated this service policy. A service policy can be activated by the VARY WLM command, or by an option in the WLM ISPF administrative application.
zSNA	CHAR	8	(IBM Name: SMF90SNA) System name (sysname) from which the service policy was activated.
z25N	CHAR	8	(IBM Name: SMF9025N) Service definition name from which this service policy was activated.
z25T	TSTMP	8	

			(IBM Name: SMF9025T) Time and date (STCK) of the installation of this service definition.
z25U	CHAR	8	(IBM Name: SMF9025U) User ID of the service level administrator who installed the service definition.
z25S	CHAR	8	(IBM Name: SMF9025S) Name of the system from which the service definition was installed.
zMOU	CHAR	8	(IBM Name: SMF90MOU) Reserved.

Secondary segment: SMF090_26_IPL_LOGREC

Field Name	Type	Len	Description
<i>SMF090_26_IPL_LOGREC.<fieldname></i>			
zLOG	CHAR	44	(IBM Name: SMF90LOG) Original logrec data set name or blanks.
z26M	CHAR	10	(IBM Name: SMF9026M) Original logrec recording medium: LOGSTREAM, DATASET or IGNORED.
z26G	CHAR	26	(IBM Name: SMF9026G) Original logrec log stream name or blanks.
z26N	CHAR	44	(IBM Name: SMF9026N) New logrec data set name or blanks.
z26R	CHAR	10	(IBM Name: SMF9026R) New logrec recording medium: LOGSTREAM, DATASET or IGNORED.
z26H	CHAR	26	(IBM Name: SMF9026H) New logrec log stream name or blanks.

Secondary segment: SMF090_27_SETXCF_START

Field Name	Type	Len	Description
<i>SMF090_27_SETXCF_START.<fieldname></i>			
zPN7	CHAR	8	(IBM Name: SMF90PN7) Name of policy being processed (blank if no policy specified on start).
zPS7	CHAR	8	(IBM Name: SMF90PS7) System name from parmlib member IEASYSxx SYSNAME parameter.

Secondary segment: SMF090_28_SETXCF_STOP

Field Name	Type	Len	Description
<i>SMF090_28_SETXCF_STOP.<fieldname></i>			
zPN7	CHAR	8	(IBM Name: SMF90PN7) Name of policy being processed (blank if no policy is active on stop).
zPS7	CHAR	8	(IBM Name: SMF90PS7) System name from parmlib member IEASYSxx SYSNAME parameter.

Secondary segment: SMF090_29_SET_PROG_LNKLST

Field Name	Type	Len	Description
<i>SMF090_29_SET_PROG_LNKLST.<fieldname></i>			
zLNKLSTSEQ	INT	4	(IBM Name: SMF90T29LNKLSTSEQ#) Sequence number for the LNKLST set. The sequence number is increased whenever a LNKLST set is activated.
zLNKLSTNAME	CHAR	16	(IBM Name: SMF90T29LNKLSTNAME) Name of the LNKLST set activated.
zTIMESTAMP	TSTMP	8	(IBM Name: SMF90T29TIMESTAMP) Time and date (STCK) of the LNKLST set activation.
zCONSID	INT	4	(IBM Name: SMF90T29CONSID) Console ID of the console that issued the command for LNKLST activation.
zUTOKEN	HEX	80	(IBM Name: SMF90T29UTOKEN) User token of the issuer of the command for LNKLST activation.

Secondary segment: SMF090_30_RESET

Field Name	Type	Len	Description
<i>SMF090_30_RESET.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM Name: SMF90T30_JOBNAME) Name of the job that was reset. This field will be blank in the case of an enclave reset request.
zJOBID	CHAR	8	(IBM Name: SMF90T30_JOBID) JES Job ID of the reset job. This field will be blank if there is no JSAB associated with the job, or in the case of an enclave reset request.
zENTRY_TIME	TSTMP	8	(IBM Name: SMF90T30_ENTRY_TIME) Program entry Date/Time since midnight. For a job, this is the program entry time, or zero if no JSAB is associated with the job. For an enclave, this is the time the enclave was created.
zOPERATOR	CHAR	8	(IBM Name: SMF90T30_OPERATOR) Operator ID that issued the RESET command.

<i>SMF090_30_RESET.zFLAGS.<fieldname></i>			
zQUIESCE	BIT	1	QUIESCE operand used
zRESUME	BIT	1	RESUME operand used
zSRVCLASS	BIT	1	SRVCLASS operand used
zPGN	BIT	1	PGN operand used
zEnclaveReset	BIT	1	The enclave service class was reset
zEnclaveQuiesce	BIT	1	The enclave was quiesced
zEnclaveResumes	BIT	1	The enclave was resumed

<i>SMF090_30_RESET.zFLAGS2.<fieldname></i>			
zOrigEnclave	BIT	1	Original independent enclave

<i>SMF090_30_RESET.<fieldname></i>			
zOLDSRV	CHAR	8	(IBM Name: SMF90T30_OLDSRV) Service class name associated with the job or enclave before the RESET was processed. This field is blank if the system was in compatibility mode. The OLD and NEW service classes are the same when the RESET quiesced the address space or enclave.
zNEWSRV	CHAR	8	(IBM Name: SMF90T30_NEWSRV) Service class name associated with the job or enclave after the RESET was processed. This field is blank if the system was in compatibility mode.

			The OLD and NEW service classes are the same when the RESET quiesced the address space or enclave.
zOLDPGN	INT	2	(IBM Name: SMF90T30_OLDPGN) Beginning with z/OS V1R3, this field is always zero.
zNEWPGN	INT	2	(IBM Name: SMF90T30_NEWPGN) Beginning with z/OS V1R3, this field is always zero.
zEnclaveOwner	CHAR	8	(IBM Name: SMF90T30_EnclaveOwner) Name of the address space that owns the enclave. This field is blank in the case of a job reset request.

Secondary segment: SMF090_31_SET_PROG_LPALST

Field Name	Type	Len	Description
<i>SMF090_31_SET_PROG_LPALST.<fieldname></i>			
zADDORDELETE	INT (ENUM)	1	(IBM Name: SMF90T31ADDORDELETE) 0 => this record is the result of an ADD to LPA. 1 => this record is the result of a DELETE from LPA
zNUMMODS	INT	2	(IBM Name: SMF90T31NUMMODS) Number of modules in this record.
zMODOFFSET	INT	2	(IBM Name: SMF90T31MODOFFSET) Offset from SMF90T31 to start of MODENTRIES. The modentries are contiguous in this area, each mapped by DSECT LPMEA within macro CSVLPRET
zNUMMODSREMAINING	INT	4	(IBM Name: SMF90T31NUMMODSREMAINING) Number of module entries to be written in subsequent records.
zREQUESTOR	CHAR	16	(IBM Name: SMF90T31REQUESTOR) The requestor ID provided through CSVDYLPA.
zTIMESTAMP	TSTMP	8	(IBM Name: SMF90T31TIMESTAMP) Time value (from STCK) of the activation.
zCONSID	INT	4	(IBM Name: SMF90T31CONSID) Console ID of issuer of the LPA request. The value is -1 if the request was through the CSVDYLPA macro.
zUTOKEN	HEX	80	(IBM Name: SMF90T31UTOKEN) Security product user token issuer of the LPA request.

Secondary segment: SMF090_31_ADD_ModEntry

Field Name	Type	Len	Description
<i>SMF090_31_ADD_ModEntry.<fieldname></i>			
<i>SMF090_31_ADD_ModEntry.zINPUTINFO.<fieldname></i>			
zNAME	CHAR	8	(IBM Name: LPMEANAME) The module name
<i>SMF090_31_ADD_ModEntry.zINPUTINFO.zINPUTFLAGS0.<fieldname></i>			
zFIXED	BIT	1	(IBM Name: LPMEAFIXED) If on, page-fix this module
zPAGEPROTPAGE	BIT	1	(IBM Name: LPMEAPAGEPROTPAGE) If on, page-protect only the whole pages of this module. If off, page-protect all bytes of this module. Be aware that when page-protecting all bytes of the module, storage utilization for the module may increase, as the system allocates a number of whole pages for the module, rather than just the amount of storage that is truly necessary to load the module.

zSTORAGEOWNERSYSTEM	BIT	1	(IBM Name: LPMEASTORAGEOWNERSYSTEM) If on, the storage in which the module is placed is to be OWNER=SYSTEM. If off, it is OWNER=HOME.
SMF090_31_ADD_ModEntry.zINPUTINFO.zINPUTFLAGS1.<fieldname>			
zSVC	BIT	1	(IBM Name: LPMEASVC) This entry is an SVC. The SVC number is in LpmeaxSvcnum.
zESVC	BIT	1	(IBM Name: LPMEAESVC) This entry is an extended SVC. The SVC number is in LpmeaxSvcnum. The extended svc routing code is in LpmeaxESvcnum.
SMF090_31_ADD_ModEntry.zOUTPUTINFO.<fieldname>			
SMF090_31_ADD_ModEntry.zOUTPUTINFO.zOUTPUTFLAGS0.<fieldname>			
zSUCCESS	BIT	1	(IBM Name: LPMEASUCCESS) Successfully processed
zMODPROB	BIT	1	(IBM Name: LPMEAMODPROB) A problem occurred processing this entry. Function with problem is indicated by LpmeaModprobFunction.
zMODPROBABENDINFO	BIT	1	(IBM Name: LPMEAMODPROBABENDINFO) An unexpected abend occurred while processing this entry. Further information is in the LpmeaAbendRsnCodes area.
zMODPROBRETURNCODEINFO	BIT	1	(IBM Name: LPMEAMODPROBRETURNCODEINFO) An unexpected return code was received while processing this entry. Further information is in the LpmeaRetRsnCodes area.

Secondary segment: SMF090_31_ADD_ModEntry_SVC

Field Name	Type	Len	Description
SMF090_31_ADD_ModEntry_SVC.<fieldname>			
zVERSION	INT	1	(IBM Name: LPMEAXVERSION) Initial version.
SMF090_31_ADD_ModEntry_SVC.zMOREINPUTINFO.<fieldname>			
zSVCNUM	HEX	1	(IBM Name: LPMEAXSVCNUM) Input SVC num.
zESVCRNUM	HEX	1	(IBM Name: LPMEAXESVCRNUM) Input extended SVC routing number.

Secondary segment: SMF090_31_ADD_ModEntry_Success

Field Name	Type	Len	Description
SMF090_31_ADD_ModEntry_Success.<fieldname>			
zSUCCESSCONCATNUM	INT	1	(IBM Name: LPMEASUCCESSCONCATNUM) The concatenation number (0 to n) representing the data set in which the module was located. This will be 0 when the input was by data set (as opposed to by DDNAME or DCB address). It is only valid when LpmeaSuccess is on, or for exit CSVDYLPA or SMF record. It is not valid for ByADDR=YES or when PATHNAME is used.
zDELETETOKEN	HEX	8	(IBM Name: LPMEADELETETOKEN) Token to be used on DELETE for this module.
zENTRYPOINTADDR	HEX	4	(IBM Name: LPMEAENTRYPOINTADDR) The entry point. (Input for BYADDR=YES.) If this is a DELETE event

			either for exit CSVDYLPA or for an SMF record, then this field represents the entry point address of the now-current LPA copy of the module, or has a value of X'7FFFFFFF' when there is no remaining LPA copy of the module (in which case the LoadPointAddr and Length fields are not valid).
zA31	BIT	1	AMODE=31 or if the caller is AMODE 31 and the entry is AMODE=ANY
zA64	BIT	1	AMODE=64
zLOADPOINTADDR	HEX	4	(IBM Name: LPMEALOADPOINTADDR) The load point. (Input for BYADDR=YES.)
zMODLEN	HEX	4	(IBM Name: LPMEAMODLEN) The length. (Input for BYADDR=YES.)
zLOADPOINTADDR2	HEX	4	(IBM Name: LPMEALOADPOINTADDR2) The load point of the secondary area. A PDSE module may be split into an above-16M part and a below-16M part. When the module is not split, this will be 0. (Input for BYADDR=YES.)
zMODLEN2	HEX	4	(IBM Name: LPMEAMODLEN2) The length of the secondary area. When the module is not split, this will be 0. (Input for BYADDR=YES.)

Secondary segment: SMF090_31_ADD_ModEntry_Fail

Field Name	Type	Len	Description
<i>SMF090_31_ADD_ModEntry_Fail.<fieldname></i>			
zMODPROBFUNCTION	INT (ENUM)	1	(IBM Name: LPMEAMODPROBFUNCTION) Function with problem. See equates below that have names beginning with LpmeaModprob. Valid when LpmeaModprob is on. 'NOTFOUND' => The module could not be located via the data set, ddname, or DCB that was provided. 'NOTAUTH' => Not authorized to add this module to LPA. 'DIRECTORY' => Directory processing produced an unexpected return code. 'FETCH' => FETCH produced an unexpected return code. 'PAGEPROT' => PGSER PROTECT produced an unexpected abend. 'TOOMANYEXTENTS' => Only load modules with 1 or 2 extents defined can be processed. 'NOTEXECUTABLE' => The module is not executable. 'DESERVDESL' => Directory processing produced an unexpected return code. 'DUPLICATE' => The member is a duplicate of another member. 'AMODE64NOTZARCH' => Attempt to create an LPA module byaddr that is AMODE 64 but the system is not running in z/Architecture mode. 'BPX4LOD' => Bpx4lod produced an unexpected return code. 'NOTAPFPROG' => The module to be loaded via pathname was not marked as an APF program via the UNIX extattr command with the +a attribute. 'UNEXPECTEDABEND' => An unexpected abend resulted while processing. Fields LpmeaAbendcode and LpmeaAbendsrcode contain the abend code and abend reason code.
<i>SMF090_31_ADD_ModEntry_Fail.zRETRSNCODES.<fieldname></i>			
zRETCODE	INT	4	(IBM Name: LPMEARETCODE) Return code from function designated in LpmeaModprobFunction.
zRETCODEe	INT (ENUM)	4	(IBM Name: LPMEARETCODE) Return code from function designated in LpmeaModprobFunction. 'OK' => CSVDYLPA request successful. Action: None required. 'WARN' => Warning Action: Refer to the action provided with the specific reason code. 'INVPARM' => CSVDYLPA request specifies parameters that are not valid. For ADD and DELETE, when the problem occurred while processing a particular MODINFO entry, the system will not process any additional MODINFO entries. Action: Refer to the action provided with the specific reason code. 'ENV' => Environmental error Action: Refer to the action provided with the specific reason code. 'COMPERROR' => Unexpected failure. Action: Refer to the action

			provided with the specific reason code.
zRSNCODE	HEX	4	(IBM Name: LPMEARSNCODE) Output: Reason code from function designated in LpmeaModprobFunction.
zRSNCODEe	INT (ENUM)	4	(IBM Name: LPMEARSNCODE) Output: Reason code from function designated in LpmeaModprobFunction. 'NOTALLSUCCESSFUL' => For ADD and DELETE request, at least one input module could not be processed successfully. Information about the proble 'BADPARMLIST' => Unable to access parameter list. Action: Check for possible storage overlay. 'SRBMODE' => SRB mode. Action: Avoid requesting this function in SRB mode. 'NOTENABLED' => Not Enabled. Action: Avoid requesting this function while not enabled. 'HOMENOTPRIMARY' => Home address space different from primary address space. Action: Avoid requesting this function in this environment. 'BADREQUESTTYPE' => Request type is not valid. Action: Check for possible storage overlay of the parameter list. 'BADESTAEX' => Unable to establish ESTAEX. 'xxxx' contains the ESTAEX return code. There could be an FRR established. Action: Refer to 'RESERVEDNOT0' => Reserved field not 0. Action: Check for possible storage overlay of the parameter list. 'BADPARMLISTALET' => Unable to use ALET of parameter list. Action: Make sure that the ALET of the parameter list is valid. You might not hav 'BADVERSION' => Bad version number. Action: Check for possible storage overlay of the parameter list. 'LOCKED' => Locked Action: Avoid requesting this function in this environment. 'BADDSNAMEAREA' => Unable to access data set name. Action: Make sure that the DSNAM area is valid. 'BADMODINFOAREA' => Unable to access MODINFO area. Action: Make sure that the MODINFO area is valid. 'BADMODINFOALET' => Unable to use ALET of MODINFO area. Action: Make sure that the ALET of the MODINFO area is valid. You might not have se 'BADOPEN' => Unable to open specified data set. Action: Make sure that you specified the proper data set, that it is a PDS or PDSE p 'BADNUMMOD' => The value provided by the NUMMOD parameter is 0 or exceeds 256. Action: Specify a non-zero NUMMOD parameter value. Inst 'BADDSNAMEALET' => Bad dsname ALET. Action: Make sure that the ALET of the DSNAM area is valid. You might not have set up its access regi 'BADMODULENAME' => Bad modulename - first character is 0 or blank. Action: Provide a valid module name. 'BADDSNAME' => Bad DSNAM - first character is 0 or blank. Action: Provide a valid data set name. 'BADALLOC' => Unable to allocate data set. Action: Make sure that you specified the proper data set, that it is a PDS or PDSE program 'FUNCTIONNOTAVAILABLE' => Required DFSMS function or dynamic allocation is not available or request issued prior to the LNKLIST being available. A 'NOTAUTHDCB' => Not authorized to use DCB option. Must be supervisor state, PKM allowing key 0-7, PSW key 0-7, or APF authorized. Actio 'NOTAUTHCONCAT' => If not supervisor state, PKM allowing key 0-7, PSW key 0-7, or APF authorized, or if APFREQUIRE=YES is specified or de 'NOTAUTHMEMBERMASK' => Not authorized to use MemberMask option. Must be supervisor state, PKM allowing key 0-7, PSW key 0-7, or APF authorized 'BADMODINFOXAREA' => Unable to access MODINFOX area. Action: Make sure that the MODINFOX area is valid. 'BADMODINFOXALET' => Unable to use ALET of MODINFOX area. Action: Make sure that the ALET of the MODINFOX area is valid. You might not have 'NOTESVC' => An extended SVC was selected, but the specified SVC number is not an extended SVC. Action: Fix the SVC number. 'BADESVCNUM' => The routing number for the selected extended SVC exceeded the number of entries for that extended SVC that were defined 'NOTPARTITIONED' => For ADD request, the data set is not partitioned. Action: Make sure that you specified the proper data set and that it 'BADBYADDRINFO' => For ADD request with BYADDR=YES, the module information is incorrect. Action: Make sure that the entry point and load p

		<p>'NOTAUTHBYADDR' => Not authorized to use BYADDR=YES option. Must be supervisor state, PKM allowing key 0-7, PSW key 0-7, or APF authorized</p> <p>'BADDCBAREA' => Unable to access the opened DCB. Action: Make sure that the DCB has been opened.</p> <p>'ENQHeldSHARED' => The ENQ resource with QNAME SYSZCSV and RNAME CSVDYLPA was held in the shared state on entry to dynamic LPA services. A</p> <p>'BADLPMEAQAREA' => Unable to access LPMEAQ area. Action: Make sure that the LPMEAQ area is valid.</p> <p>'BADLPMEAQALET' => Unable to use ALET of LPMEAQ area. Action: Make sure that the ALET of the LPMEAQ area is valid. You might not have set</p> <p>'NOTAUTHADDALIAS' => Not authorized to use the ADDALIAS=YES function. Must be supervisor state, PKM allowing key 0-7, PSW key 0-7, or APF au</p> <p>'BADPATHNAMELEN' => The PATHNAMELEN parameter value is not in the range 1-1023. Action: Provide a valid PATHNAMELEN parameter value.</p> <p>'BADPATHNAMEAREA' => Unable to access the pathname. Action: Make sure that the PATHNAME area is valid.</p> <p>'BADPATHNAMEALET' => Unable to use ALET of PATHNAME area. Action: Make sure that the ALET of the PATHNAME area is valid. You might not have</p> <p>'BADPATHNAMENUMMOD' => PATHNAME was specified and the value provided by the NUMMOD parameter is not 1. Action: Provide only 1 entry per call.</p> <p>'NOTAUTHDEFLPAWAIT' => Not authorized to use REQUEST=DEFLPAWAIT. Must be supervisor state, PKM allowing key 0-7, PSW key 0-7, or APF authorize</p> <p>'NOSTORAGE' => There is not sufficient storage to complete the request. Action: Contact your system programmer. There is a shortage o</p> <p>'BADIRECTORY' => When using the MemberMask option, the data set directory was in error. Either an I/O error occurred accessing the direc</p> <p>'STORAGELIMEXCEEDED' => For ADD request, the amount of module storage needed for the request would have caused the amount of CSA or ECSA remain</p> <p>'COMPERROR' => Unexpected failure. The state of the request is unpredictable. Action: Contact your system programmer.</p>
--	--	---

Secondary segment: **SMF090_31_ADD_ModEntry_Abend**

Field Name	Type	Len	Description
<i>SMF090_31_ADD_ModEntry_Abend.<fieldname></i>			
zMODPROBFUNCTION	INT (ENUM)	1	(IBM Name: LPMEAMODPROBFUNCTION) Function with problem. See equates below that have names beginning with LpmeaModprob. Valid when LpmeaModprob is on. 'NOTFOUND' => The module could not be located via the data set, ddname, or DCB that was provided. 'NOTAUTH' => Not authorized to add this module to LPA. 'DIRECTORY' => Directory processing produced an unexpected return code. 'FETCH' => FETCH produced an unexpected return code. 'PAGEPROT' => PGSER PROTECT produced an unexpectedabend. 'TOOMANYEXTENTS' => Only load modules with 1 or 2 extents defined can be processed. 'NOTEXECUTABLE' => The module is not executable. 'DESERVDESL' => Directory processing produced an unexpected return code. 'DUPLICATE' => The member is a duplicate of another member. 'AMODE64NOTZARCH' => Attempt to create an LPA module byaddr that is AMODE 64 but the system is not running in z/Architecture mode. 'BPX4LOD' => Bpx4lod produced an unexpected return code. 'NOTAPFPROG' => The module to be loaded via pathname was not marked as an APF program via the UNIX extattr command with the +a attribute. 'UNEXPECTEDABEND' => An unexpectedabend resulted while processing. Fields LpmeaAbendcode and LpmeaAbendrsncode contain the abend code and abend reason code.
SMF090_31_ADD_ModEntry_Abend.zABENDRSNCODES.<fieldname>			

zABENDCODE	HEX	4	(IBM Name: LPMEAABENDCODE) Output: Abend code from function designated in LpmeaModprobFunction
zABENDRSNCODE	HEX	4	(IBM Name: LPMEAABENDRSNCODE) Output: Abend reason code from function designated in LpmeaModprobFunction

Secondary segment: **SMF090_31_DELETE_ModEntry**

Field Name	Type	Len	Description
<i>SMF090_31_DELETE_ModEntry.<fieldname></i>			
SMF090_31_DELETE_ModEntry.zINPUTINFO.<fieldname>			
zNAME	CHAR	8	(IBM Name: LPMEDNAME) The module name
zDELETETOKEN	CHAR	8	(IBM Name: LPMEDDELETETOKEN) Token returned when this module was added. Identifies the copy to delete.
zINPUTFLAGS0	HEX	1	(IBM Name: LPMEDINPUTFLAGS0) Byte 0 of Flags.
zINPUTFLAGS1	HEX	1	(IBM Name: LPMEDINPUTFLAGS1) Byte 1 of Flags.
SMF090_31_DELETE_ModEntry.zOUTPUTINFO.<fieldname>			
SMF090_31_DELETE_ModEntry.zOUTPUTINFO.zOUTPUTFLAGS0.<fieldname>			
zSUCCESS	BIT	1	(IBM Name: LPMEDSUCCESS) Successfully processed
zMODPROB	BIT	1	(IBM Name: LPMEDMODPROB) Problem occurred processing this entry. Function with problem is indicated by LpmedModprobFunction.
SMF090_31_DELETE_ModEntry.zOUTPUTINFO.<fieldname>			
zMODPROBFUNCTION	INT (ENUM)	1	(IBM Name: LPMEDMODPROBFUNCTION) Function with problem. See equates below that have names beginning with LpmedModprob. Valid when LpmedModprob is on. 'NOTFOUND' => The module was not part of the dynamic LPA. 'NOTAUTH' => Not authorized to delete this module from the LPA. 'UNEXPECTEDABEND' => An unexpected abend resulted while processing.

Secondary segment: **SMF090_32_WLM_Policy_Change**

Field Name	Type	Len	Description
<i>SMF090_32_WLM_Policy_Change.<fieldname></i>			
z32S	INT	4	(IBM Name: SMF9032S) Sequence number. When the scheduling environment structure is larger than will fit in 1 subtype 32 record, this field describes the order in which individual records must be combined to view the entire scheduling environment structure.
z32N	INT	4	(IBM Name: SMF9032N) Number of subtype 32 records which must be combined to map the scheduling environment structure. When 1 record is enough, both SMF9032S and SMF9032N will be 1.
z32I	INT	4	(IBM Name: SMF9032I) Unique ID that is used to ensure all 'N' records of 1 policy can be combined without mixing data from 2 rapid VARY policy commands.

SMF090_32_WLM_Policy_Change.z32A.<fieldname>			
zEYECATCHER	CHAR	4	(IBM Name: SVPSE_EYECATCHER) Eye catcher for SVPSE - SVPS
zFUNCTIONALITY_LEVEL	INT (ENUM)	1	(IBM Name: SVPSE_FUNCTIONALITY_LEVEL) Functionality level of the SVPSE. The functionality level defines the highest level of WLM function that exists in the SVPSE
zWLM_VERSION_NUMBER	INT (ENUM)	1	(IBM Name: SVPSE_WLM_VERSION_NUMBER) WLM version number
zSIZE_OF_HEADER	INT	2	(IBM Name: SVPSE_SIZE_OF_HEADER) Size of header section
zSIZE_OF_WHOLE_SVPSE	INT	4	(IBM Name: SVPSE_SIZE_OF_WHOLE_SVPSE) Size of the whole scheduling environment section
zSVPSESEQ	INT	4	(IBM Name: SVPSE_SVPSESEQ) Policy activation sequence number - gets bumped for every policy activation when scheduling environment data changes
zOFFSET_SE	INT	4	(IBM Name: SVPSE_OFFSET_SE) Offset of scheduling environment section.
zNUMBER_SE	INT	2	(IBM Name: SVPSE_NUMBER_SE) Number of scheduling environments.
zSIZE_SE	INT	2	(IBM Name: SVPSE_SIZE_SE) Size of an scheduling environment entry.
zOFFSET_SR	INT	4	(IBM Name: SVPSE_OFFSET_SR) Offset of scheduling environment- /resource section.
zNUMBER_SR	INT	2	(IBM Name: SVPSE_NUMBER_SR) Number of scheduling environment- /resource.
zSIZE_SR	INT	2	(IBM Name: SVPSE_SIZE_SR) Size of an scheduling environment- /resource section.
zOFFSET_RE	INT	4	(IBM Name: SVPSE_OFFSET_RE) Offset of resource section.
zNUMBER_RE	INT	2	(IBM Name: SVPSE_NUMBER_RE) Number of resources.
zSIZE_RE	INT	2	(IBM Name: SVPSE_SIZE_RE) Size of an resource entry.
zEXT_DATA_OFF	INT	4	(IBM Name: SVPSE_EXT_DATA_OFF) Offset of extended data (0 if no extended data exists).
zEXT_DATA_LEN	INT	2	(IBM Name: SVPSE_EXT_DATA_LEN) Length of extended data.
zEXT_OFF_SE	INT	4	(IBM Name: SVPSE_EXT_OFF_SE) Offset of scheduling environments extension section if number of scheduling environments extensions is nonzero (otherwise this field is ignored).
zEXT_NUM_SE	INT	2	(IBM Name: SVPSE_EXT_NUM_SE) Number of scheduling environments extension entries.
zEXT_SIZ_SE	INT	2	(IBM Name: SVPSE_EXT_SIZ_SE) Size of each scheduling environments extension entry.

Secondary segment: **SMF090_32_Scheduling_Environment**

Field Name	Type	Len	Description
SMF090_32_Scheduling_Environment.<fieldname>			
zSCHENV_NAME	CHAR	16	(IBM Name: SVPSE_SE_SCHENV_NAME) Scheduling environment name.
zDESCRIPTION	CHAR	32	(IBM Name: SVPSE_SE_DESCRIPTION) Scheduling environment description.

Secondary segment: SMF090_32_Scheduling_Environment_Resource

Field Name	Type	Len	Description
<i>SMF090_32_Scheduling_Environment_Resource.<fieldname></i>			
zSCHENV_NAME	CHAR	16	(IBM Name: SVPSE_SR_SCHENV_NAME) Scheduling environment name.
zRESOURCE_NAME	CHAR	16	(IBM Name: SVPSE_SR_RESOURCE_NAME) Resource name.
zRESOURCE_STATE	INT (ENUM)	1	(IBM Name: SVPSE_SR_RESOURCE_STATE) Required resource state.

Secondary segment: SMF090_32_Resource

Field Name	Type	Len	Description
<i>SMF090_32_Resource.<fieldname></i>			
zRESOURCE_NAME	CHAR	16	(IBM Name: SVPSE_RE_RESOURCE_NAME) Resource name.
zDESCRIPTION	CHAR	32	(IBM Name: SVPSE_RE_DESCRIPTION) Resource description.

Secondary segment: SMF090_32_Extended_Data

Field Name	Type	Len	Description
<i>SMF090_32_Extended_Data.<fieldname></i>			
zData	XVCHAR	0 64	WLM Service Policy Scheduling Environment Extended data.

Secondary segment: SMF090_32_Scheduling_Environment_Extension

Field Name	Type	Len	Description
<i>SMF090_32_Scheduling_Environment_Extension.<fieldname></i>			
zData	XVCHAR	0 64	WLM Service Policy Scheduling Environment Extension.

Secondary segment: SMF090_33_SET_AUTOR

Field Name	Type	Len	Description
<i>SMF090_33_SET_AUTOR.<fieldname></i>			
zTimestamp	TSTMP	8	(IBM Name: SMF90T33_Timestamp) Time of auto-reply policy change.
zNSuffixes	INT	4	(IBM Name: SMF90T33_#_Suffixes) Count of AUTORxx suffixes used to set the policy.

zSuffixes	CHAR	2	(IBM Name: SMF90T33_Suffixes) Array of 2-byte suffixes of specified AUTORxx parmlib members (38 maximum).
-----------	------	---	--

Secondary segment: SMF090_34_Processor_Capacity_Change

Field Name	Type	Len	Description
<i>SMF090_34_Processor_Capacity_Change.<fieldname></i>			
zCapacity_Change_Time	TSTMP	8	(IBM Name: SMF90T34_Capacity_Change_Time) Time when the capacity was last changed.
zRQSVSUS	INT	4	(IBM Name: SMF90T34_RQSVSUS) Current service unit factor (SU factor) from RQSVSUS.
zRCTPCPUA_Actual	INT	4	(IBM Name: SMF90T34_RCTPCPUA_Actual) Physical CPU adjustment factor (for example, adjustment factor for converting CPU time to equivalent service in basic-mode with all processors online). Based on model capacity rating.
zRCTPCPUA_Nominal	INT	4	(IBM Name: SMF90T34_RCTPCPUA_Nominal) Physical CPU adjustment factor (for example, adjustment factor for converting CPU time to equivalent service in basic-mode with all processors online). Based on nominal model capacity rating.
zRCTPCPUA_scaling_factor	INT	4	(IBM Name: SMF90T34_RCTPCPUA_scaling_factor) Scaling factor for RCTPCPUA_actual and RCTPCPUA_nominal.
zCapacity_Adjustment_Ind	INT	1	(IBM Name: SMF90T34_Capacity_Adjustment_Ind) 0 => The indication is not reported. 1-99 => Some amount of reduction is indicated. 100 => The machine is operating in normal capacity. Primary CPUs and all secondary-type CPUs are similarly affected.
zCapacity_Change_Reason	INT (ENUM)	1	(IBM Name: SMF90T34_Capacity_Change_Reason) Indicates the reason that is associated with the present value contained in SMF90T34_Capacity_Adjustment_Ind. The bit values of this field correspond to those described in RMCTZ_Capacity_Adjustment_Indication of the IRARMCTZ mapping macro. 'MANUAL' => The capacity change is due solely to the setting of a manual control (e.g. Power Savings Mode). 'MACHINE_EXCEPTION' => The capacity change is due to a machine-exception condition (e.g. MRU hard failure). 'MACHINE_NON_EXCEPTION' => The capacity change is due to a non-exception machine condition (e.g. firmware update). 'EXTERNAL_EXCEPTION' => The capacity change is due to an exception condition external to the machine (e.g. ambient temperature exceeded specified maximum value).

SMF090_34_Processor_Capacity_Change.zFlags.<fieldname>

zRQSVSUS	BIT	1	(IBM Name: SMF90T34_RQSVSUS) An error occurred while collecting the value from RQSVSUS.
zCapacity_Data	BIT	1	(IBM Name: SMF90T34_Capacity_Data) An error occurred while collecting the processor capacity data.
zPCD_Rsvd_Exists	BIT	1	(IBM Name: SMF90T34_PCD_Rsvd_Exists) Records generated on systems running z/OS V1R7 through z/OS V1R9. Otherwise, records generated on systems running z/OS V1R10 and later.

SMF090_34_Processor_Capacity_Change.<fieldname>

zRMCTADJN_Nominal	INT	4	(IBM Name: SMF90T34_RMCTADJN_Nominal) Nominal CPU rate adjustment
-------------------	-----	---	--

Secondary segment: SMF090_35_SETLOAD_xx_IEASYM

Field Name	Type	Len	Description
<i>SMF090_35_SETLOAD_xx_IEASYM.<fieldname></i>			
zTimestamp	TSTMP	8	(IBM Name: SMF90T35_TimeStamp) Time of SETLOAD xx,IEASYM.
zConsID	INT	4	(IBM Name: SMF90T35_ConSID) Console ID of issuer.
zLOADxxName	CHAR	8	(IBM Name: SMF90T35_LOADxxName) LOADxx member name.
zleasymStatement	CHAR	72	(IBM Name: SMF90T35_leasymStatement) IEASYM statement. Identifies the IEASYMxx suffixes.

Secondary segment: SMF090_36_SET_CON

Field Name	Type	Len	Description
<i>SMF090_36_SET_CON.<fieldname></i>			
zTimeStamp	TSTMP	8	(IBM Name: SMF90T36_TimeStamp) Time of SETLOAD xx,IEASYM.
zMemberName	CHAR	8	(IBM Name: SMF90T36_MemberName) CONSOLxx parmlib member name.

Secondary segment: SMF090_37_Dynamic_APF

Field Name	Type	Len	Description
<i>SMF090_37_Dynamic_APF.<fieldname></i>			
zFunction	INT (ENUM)	1	(IBM Name: SMF90T37Function) Function indicator. 'Add' => Add. 'Delete' => Delete. 'FormatD' => Format (Dynamic). 'FormatS' => Format (Static).

<i>SMF090_37_Dynamic_APF.zFlags.<fieldname></i>			
zSETPROG	BIT	1	Update from SETPROG command
zSET_PROG	BIT	1	Update from SET PROG command
zCSVAPF	BIT	1	Update from CSVAPF macro

<i>SMF090_37_Dynamic_APF.<fieldname></i>			
zParmMemSuffix	CHAR	2	(IBM Name: SMF90T37ParmMemSuffix) When bit 1 (SMF90T37_SET_PROG) of SMF90T37Flags is set, the xx portion of the name of the PROGxx parmlib member.
zDSNAME	CHAR	44	(IBM Name: SMF90T37DSNAME) The data set name when the function is not APF Format (Dynamic) or APF Format (Static). Otherwise, undefined.
zVolume	CHAR	6	(IBM Name: SMF90T37Volume) The volume when the function is not APF Format (Dynamic) or APF Format (Static). Otherwise, undefined. This field is set to zeros for an add or delete indicating SMS-managed, such as by specifying SMS on a SETPROG APF,ADD command or on an APF ADD statement in the PROGxx member of parmlib.
zTIMESTAMP	TSTMP	8	(IBM Name: SMF90T37TIMESTAMP) Time (via STCK) of the update.

zJobname	CHAR	8	(IBM Name: SMF90T37Jobname) The job name of the issuer of the APF request. For a SETPROG command or SET PROG processing, this is the job name of the ASID processing the command (ASID 1 - *MASTER*).
zChKey	CHAR	8	(IBM Name: SMF90T37ChKey) The CHKEY field from the CSCB (for a started task, this is the step name). Otherwise, zeros if there is no CSCB.
zConsID	INT	4	(IBM Name: SMF90T37ConsID) The console ID of the issuer of the APF request. The value is -1 if the request was from the CSVAPF macro.
zUTOKEN	HEX	80	(IBM Name: SMF90T37UTOKEN) The security product user token of the issuer of the APF request.

Secondary segment: **SMF090_38_SET_IEFOPZ**

Field Name	Type	Len	Description
<i>SMF090_38_SET_IEFOPZ.<fieldname></i>			
SMF090_38_SET_IEFOPZ.zFlags.<fieldname>			
zSET_IEFOPZ	BIT	1	(IBM Name: SMF90T38_SET_IEFOPZ) Update from SET IEFOPZ command.
zMSI	BIT	1	(IBM Name: SMF90T38_MSI) Master Scheduler Init processing.
zMore	BIT	1	(IBM Name: SMF90T38_More) Not all data fits. A subsequent record will be produced.
zContinuation	BIT	1	(IBM Name: SMF90T38_Continuation) This is a continuation of the previous record.

SMF090_38_SET_IEFOPZ.<fieldname>			
zContinuationNumber	INT	2	(IBM Name: SMF90T38_ContinuationNumber) The value is 0 for a record that is not a continuation, incremented by 1 for each continuation of a non-continuation record.
zMaxArch	INT	2	(IBM Name: SMF90T38_MaxArch) MAXARCH value.
zMaxArchIEFOPZxxSuffix	CHAR	2	(IBM Name: SMF90T38_MaxArchIEFOPZxxSuffix) The xx portion of the IEFOPZxx parmlib member name in which the MaxArch was defined, or binary zeros if MaxArch was not specified (the default value was used).
zConsid	INT	4	(IBM Name: SMF90T38_Consid) Console ID of the issuer of the SET IEFOPZ command.
zConsname	CHAR	8	(IBM Name: SMF90T38_Consname) Console name of the issuer of the SET IEFOPZ command.
zTimeStamp	TSTMP	8	(IBM Name: SMF90T38_TimeStamp) Time value (from STCK) of the update. Continuations of this record will have the same TimeStamp value.
zJobname	CHAR	8	(IBM Name: SMF90T38_Jobname) The job name of the issuer of the IEFOPZ request. For SET IEFOPZ, this will be the job name of the ASID processing the command (ASID 1 = *MASTER*).
zCHKEY	CHAR	8	(IBM Name: SMF90T38_CHKEY) The CHKEY field from the CSCB (for a started task, this is the step name), or zeros if there is no CSCB.
zUToken	HEX	80	(IBM Name: SMF90T38_UToken) Security product user token for the IEFOPZ request, mapped by ICHRUTKN.
zUtokenUserid	CHAR	8	(IBM Name: SMF90T38_UtokenUserid) TOKUSER (user ID) field of the user token.

zNum_OldNew	INT	4	(IBM Name: SMF90T38_Num_OldNew) Number of OldNew entries in this record.
zOldNew_Offset	INT	4	(IBM Name: SMF90T38_OldNew_Offset) Offset from SMFRCD90 to first OldNew entry. Entry is mapped by SMF90T38_OldNew.
zOldNew_Len	INT	4	(IBM Name: SMF90T38_OldNew_Len) Length of an OldNew entry. Use this length to navigate from one OldNew entry to the next.
zNum_DDJobname	INT	4	(IBM Name: SMF90T38_Num_DDJobname) Number of DDJobname entries in this record.
zDDJobname_Offset	INT	4	(IBM Name: SMF90T38_DDJobname_Offset) Offset from SMFRCD90 to the first DDJobname entry.
zDDJobname_Len	INT	4	(IBM Name: SMF90T38_DDJobname_Len) Length of a DDJobname. Use this length to navigate from one DDJobname entry to the next.

Secondary segment: SMF090_38_OldNew

Field Name	Type	Len	Description
<i>SMF090_38_OldNew.<fieldname></i>			
SMF090_38_OldNew.zFlags.<fieldname>			
zOVolProvided	BIT	1	(IBM Name: SMF90T38ON_OVolProvided) The IEFOPZ-Old data set was specified with volume.
zNVolProvided	BIT	1	(IBM Name: SMF90T38ON_NVolProvided) The IEFOPZ-New data set was specified with volume.

SMF090_38_OldNew.<fieldname>			
zIEFOPZxxSuffix	CHAR	2	(IBM Name: SMF90T38ON_IEFOPZxxSuffix) The xx portion of the IEFOPZxx parmlib member name in which the OldNew was defined.
zODSName	CHAR	44	(IBM Name: SMF90T38ON_ODSName) IEFOPZ-Old data set name.
zOR	CHAR	44	(IBM Name: SMF90T38ON_OR) Real IEFOPZ-Old data set name, if IEFOPZ-Old is an alias. Otherwise, matches SMF90T38ON_ODSName.
zOVolume	CHAR	6	(IBM Name: SMF90T38ON_OVolume) IEFOPZ-Old volume. This is the value when the data set was last allocated by IEFOPZ processing.
zNDSName	CHAR	44	(IBM Name: SMF90T38ON_NDSName) The IEFOPZ-New data set name that will be used.
zNRDSName	CHAR	44	(IBM Name: SMF90T38ON_NRDSName) Real IEFOPZ-New data set name, if IEFOPZ-New is an alias. Otherwise, matches SMF90T38ON_NDSName.
zNVVolume	CHAR	6	(IBM Name: SMF90T38ON_NVVolume) IEFOPZ-New volume that will be used. This is the value when the data set was last allocated by IEFOPZ processing.
zNArch	INT	2	(IBM Name: SMF90T38ON_NArch) The ARCH value of the IEFOPZ-New data set.

Secondary segment: SMF090_38_DDJobName

Field Name	Type	Len	Description
<i>SMF090_38_DDJobName.<fieldname></i>			

zIEFOPZxxSuffix	CHAR	2	(IBM Name: SMF90T38DDJ_ IEFOPZxxSuffix) The xx portion of the IEFOPZxx parmlib member name in which the DDName/Jobname pair was defined.
zDDName	CHAR	8	(IBM Name: SMF90T38DDJ_ DDName) DDName.
zJobname	CHAR	8	(IBM Name: SMF90T38DDJ_ Jobname) Jobname.

Secondary segment: **SMF090_39_SET_SMFLIM**

Field Name	Type	Len	Description
<i>SMF090_39_SET_SMFLIM.<fieldname></i>			
zTimestamp	TSTMP	8	(IBM Name: SMF90T39_ Timestamp) Time of the SET SMFLIM policy change.
zNum_ Suffixes	INT	4	(IBM Name: SMF90T39_ Num_ Suffixes) Count of SMFLIMxx suffixes.
zSuffixes	CHAR	2	(IBM Name: SMF90T39_ Suffixes) Array of 2-byte suffixes of specified SMFLIMxx members.

Secondary segment: **SMF090_40_Boost_Info**

Field Name	Type	Len	Description
<i>SMF090_40_Boost_Info.<fieldname></i>			
zETOD	HEX	16	(IBM Name: SMF90T40_ ETOD) Time of Boosts end, in STCKE format.
zEvent	INT (ENUM)	4	(IBM Name: SMF90T40_ Event) The boost event. 'IPLStart' => IPL boosts start. 'IPLEnd' => IPL boosts end. 'ShutdownStart' => Shutdown boosts start. 'ShutdownEnd' => Shutdown boosts end. 'RecoveryStart' => Recovery process boosts start. 'RecoveryEnd' => Recovery process boosts end.
zNUMTransientzIIPCores	INT	2	(IBM Name: SMF90T40_ NUMTransientzIIPCores) Number of zIIP cores configured online due to zIIP boost (and configured offline upon boost end).

<i>SMF090_40_Boost_Info.zFlags.<fieldname></i>			
zzIIPBoost_Active	BIT	1	(IBM Name: SMF90T40_ zIIPBoost_Active) For the 'boosts end' events, the zIIP boost was active. For the 'boosts start' event, the zIIP boost is active.
zSpeedBoost_Active	BIT	1	(IBM Name: SMF90T40_ SpeedBoost_Active) For the 'boosts end' events, the speed boost was active. For the 'boosts start' event, the speed boost is active.
zzIIP_Boost_EndedByError	BIT	1	(IBM Name: SMF90T40_ zIIP_Boost_EndedByError) The system encountered an error and had to end the zIIP boost (the speed boost was not affected by the error). Applies only to the 'boosts end' events.
zSpeedBoost_EndedByError	BIT	1	(IBM Name: SMF90T40_ SpeedBoost_EndedByError) The system encountered an error and had to end the speed boost. Applies only to the 'boosts end' events.
zRPBoosts_Last_EndedByError	BIT	1	(IBM Name: SMF90T40_ RPBoosts_Last_EndedByError) The system encountered an error and had to end the last (most recent) recovery process boosts. Applies only to the 'boosts end' events.

zBoostClass	BINT (ENUM)	3	(IBM Name: SMF90T40_BoostClass) Boost class. 'IPL' => IPL. 'Shutdown' => Shutdown. 'Recovery' => Recovery process. Note: The boost class value is valid only when one or more boosts is active (i.e. a boost active bit is also on).
-------------	----------------	---	--

SMF090_40_Boost_Info.zFlags1.<fieldname>

zBoosts_EndedByTimer	BIT	1	(IBM Name: SMF90T40_Boosts_EndedByTimer) All IPL boosts were ended. The time limit was reached. Applies only to the 'boosts end' events.
zBoosts_EndedByPgm	BIT	1	(IBM Name: SMF90T40_Boosts_EndedByPgm) The customer activated a program to end the IPL boost (the normal method to activate this program is using the IEABE PROC). The system ends whichever boosts were active. Applies only to the 'boosts end' events.
zBoosts_EndedBySD	BIT	1	(IBM Name: SMF90T40_Boosts_EndedBySD) The IPL or recovery process boosts were ended because shutdown began. Applies only to the 'IPL boosts end' and 'recovery process boosts end' events.
zBoosts_EndedByError	BIT	1	(IBM Name: SMF90T40_Boosts_EndedByError) The system encountered an error and ended whichever boosts were active. Applies only to the 'boosts end' events.

SMF090_40_Boost_Info.<fieldname>

zRP_Start_Requestor_ID	INT	1	(IBM Name: SMF90T40_RP_Start_Requestor_ID) The ID of the requestor for which the boost was started. Applies only to 'recovery process boosts start' events.
zRP_Duration	TSTMP	8	(IBM Name: SMF90T40_RP_Duration) Total duration for the life of the IPL or recovery process boosts, in STCK format. Updated when a recovery process boost is extended or ends. Applies only to 'recovery process boosts start' and 'recovery process boosts end' events.

Record Type 91 - BatchPipes Statistics

SMF Record 91 (BatchPipes Statistics) has a number of subtypes, each mapped by a structure member name of the format "T091STnn".

Record Type 91 Subtype 1 - Subsystem Initialisation

Primary Segment:

- SMF091#01_IBM_BatchPipes_Subsystem_Initialization

Secondary Segment(s): 3 (in alphabetical order)

- SMF091#01_Product
- SMF091#01_Subsystem_Controls
- SMF091#01_Subsystem_Identification

Primary segment: SMF091#01_IBM_BatchPipes_Subsystem_Initialization

Field Name	Type	Len	Description
<i>SMF091#01_IBM_BatchPipes_Subsystem_Initialization.<fieldname></i>			
SMF091#01_IBM_BatchPipes_Subsystem_Initialization.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

SMF091#01_IBM_BatchPipes_Subsystem_Initialization.Self_defining_Section.<fieldname>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	

			(IBM Name: SMF91SIN Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL Length of Subsystem Controls Section
zSCN	INT	2	(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#01_Product**

Field Name	Type	Len	Description
<i>SMF091#01_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
------	-------	---	---

Secondary segment: **SMF091#01_Subsystem_Identification**

Field Name	Type	Len	Description
<i>SMF091#01_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM) Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC) Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST) Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR) Type of trace active.

Secondary segment: **SMF091#01_Subsystem_Controls**

Field Name	Type	Len	Description
<i>SMF091#01_Subsystem_Controls.<fieldname></i>			
zSCT	TSTMP	8	(IBM Name: SMF91SCT) Date and time when status changed.
zSRI	INT	4	(IBM Name: SMF91SRI) SMF subsystem recording interval, in seconds.
zSMP	INT	4	(IBM Name: SMF91SMP) Reserved - Set to 125.
zSMC	INT	4	(IBM Name: SMF91SMC) Reserved - Set to 250.
zSMD	INT	4	(IBM Name: SMF91SMD) Reserved - Set to 0.
zSMS	INT	4	(IBM Name: SMF91SMS) Reserved - Set to 0
zSMV	INT	4	(IBM Name: SMF91SMV) Reserved - Set to 0
zSOI	INT	4	(IBM Name: SMF91SOI) Reserved - Set to 15
zSWI	INT	4	(IBM Name: SMF91SWI) Reserved - Set to 15
zSII	INT	4	(IBM Name: SMF91SII) Reserved - Set to 15
zCP1	INT	2	(IBM Name: SMF91CP1) Reserved - Set to 80
zCP2	INT	2	(IBM Name: SMF91CP2) Reserved - Set to 90
zCP3	INT	2	(IBM Name: SMF91CP3) Reserved - Set to 100
zCR1	INT	2	(IBM Name: SMF91CR1) Reserved - Set to 80
zCC2	INT	2	

			(IBM Name: SMF91CC2 Reserved - Set to 90)
zCC3	INT	2	(IBM Name: SMF91CC3 Reserved - Set to 100)

Record Type 91 Subtype 2 - Subsystem Interval

Primary Segment:

- SMF091#02_IBM_BatchPipes_Subsystem_Interval

Secondary Segment(s): 4 (in alphabetical order)

- SMF091#02_Product
- SMF091#02_Subsystem_Activity
- SMF091#02_Subsystem_Controls
- SMF091#02_Subsystem_Identification

Primary segment: SMF091#02_IBM_BatchPipes_Subsystem_Interval

Field Name	Type	Len	Description
<i>SMF091#02_IBM_BatchPipes_Subsystem_Interval.<fieldname></i>			
<i>SMF091#02_IBM_BatchPipes_Subsystem_Interval.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

<i>SMF091#02_IBM_BatchPipes_Subsystem_Interval.Self_defining_Section.<fieldname></i>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section
zSCN	INT	2	

			(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#02_Product**

Field Name	Type	Len	Description
<i>SMF091#02_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#02_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#02_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#02_Subsystem_Controls

Field Name	Type	Len	Description
<i>SMF091#02_Subsystem_Controls.<fieldname></i>			
zSCT	TSTMP	8	(IBM Name: SMF91SCT Date and time when status changed.
zSRI	INT	4	(IBM Name: SMF91SRI SMF subsystem recording interval, in seconds.
zSMP	INT	4	(IBM Name: SMF91SMP Reserved - Set to 125.
zSMC	INT	4	(IBM Name: SMF91SMC Reserved - Set to 250.
zSMD	INT	4	(IBM Name: SMF91SMD Reserved - Set to 0.
zSMS	INT	4	(IBM Name: SMF91SMS Reserved - Set to 0
zSMV	INT	4	(IBM Name: SMF91SMV Reserved - Set to 0
zSOI	INT	4	(IBM Name: SMF91SOI Reserved - Set to 15
zSWI	INT	4	(IBM Name: SMF91SWI Reserved - Set to 15
zSII	INT	4	(IBM Name: SMF91SII Reserved - Set to 15
zCP1	INT	2	(IBM Name: SMF91CP1 Reserved - Set to 80
zCP2	INT	2	(IBM Name: SMF91CP2 Reserved - Set to 90
zCP3	INT	2	(IBM Name: SMF91CP3 Reserved - Set to 100
zCR1	INT	2	(IBM Name: SMF91CR1 Reserved - Set to 80
zCC2	INT	2	(IBM Name: SMF91CC2 Reserved - Set to 90
zCC3	INT	2	(IBM Name: SMF91CC3 Reserved - Set to 100

Secondary segment: SMF091#02_Subsystem_Activity

Field Name	Type	Len	Description
<i>SMF091#02_Subsystem_Activity.<fieldname></i>			
zSPC	INT	4	(IBM Name: SMF91SPC Number of pipes created
zSPD	INT	4	(IBM Name: SMF91SPD Number of pipes deleted
zSPA	INT	4	(IBM Name: SMF91SPA Number of pipes active
zSCP	INT	4	(IBM Name: SMF91SCP Number of connections opened
zSCS	INT	4	(IBM Name: SMF91SCS Number of connections closed
zSCA	INT	4	(IBM Name: SMF91SCA Number of connections active
zSDI	FLOAT	8	(IBM Name: SMF91SDI Number of bytes transferred - writer connections
zSDO	FLOAT	8	(IBM Name: SMF91SDO Number of bytes transferred - reader connections
zSP1	INT	4	(IBM Name: SMF91SP1 Reserved - Set to 0
zSP2	INT	4	(IBM Name: SMF91SP2 Reserved - Set to 0
zSP3	INT	4	(IBM Name: SMF91SP3 Reserved - Set to 0
zSC1	INT	4	(IBM Name: SMF91SC1 Reserved - Set to 0
zSC2	INT	4	(IBM Name: SMF91SC2 Reserved - Set to 0
zSC3	INT	4	(IBM Name: SMF91SC3 Reserved - Set to 0

Record Type 91 Subtype 3 - Subsystem Ending

Primary Segment:

- SMF091#03_IBM_BatchPipes_Subsystem_Ending

Secondary Segment(s): 4 (in alphabetical order)

- SMF091#03_Product
- SMF091#03_Subsystem_Activity
- SMF091#03_Subsystem_Controls
- SMF091#03_Subsystem_Identification

Primary segment: SMF091#03_IBM_BatchPipes_Subsystem_Ending

Field Name	Type	Len	Description
<i>SMF091#03_IBM_BatchPipes_Subsystem_Ending.<fieldname></i>			
<i>SMF091#03_IBM_BatchPipes_Subsystem_Ending.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

<i>SMF091#03_IBM_BatchPipes_Subsystem_Ending.Self_defining_Section.<fieldname></i>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section
zSCN	INT	2	

			(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#03_Product**

Field Name	Type	Len	Description
<i>SMF091#03_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#03_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#03_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#03_Subsystem_Controls

Field Name	Type	Len	Description
<i>SMF091#03_Subsystem_Controls.<fieldname></i>			
zSCT	TSTMP	8	(IBM Name: SMF91SCT Date and time when status changed.
zSRI	INT	4	(IBM Name: SMF91SRI SMF subsystem recording interval, in seconds.
zSMP	INT	4	(IBM Name: SMF91SMP Reserved - Set to 125.
zSMC	INT	4	(IBM Name: SMF91SMC Reserved - Set to 250.
zSMD	INT	4	(IBM Name: SMF91SMD Reserved - Set to 0.
zSMS	INT	4	(IBM Name: SMF91SMS Reserved - Set to 0
zSMV	INT	4	(IBM Name: SMF91SMV Reserved - Set to 0
zSOI	INT	4	(IBM Name: SMF91SOI Reserved - Set to 15
zSWI	INT	4	(IBM Name: SMF91SWI Reserved - Set to 15
zSII	INT	4	(IBM Name: SMF91SII Reserved - Set to 15
zCP1	INT	2	(IBM Name: SMF91CP1 Reserved - Set to 80
zCP2	INT	2	(IBM Name: SMF91CP2 Reserved - Set to 90
zCP3	INT	2	(IBM Name: SMF91CP3 Reserved - Set to 100
zCR1	INT	2	(IBM Name: SMF91CR1 Reserved - Set to 80
zCC2	INT	2	(IBM Name: SMF91CC2 Reserved - Set to 90
zCC3	INT	2	(IBM Name: SMF91CC3 Reserved - Set to 100

Secondary segment: SMF091#03_Subsystem_Activity

Field Name	Type	Len	Description
<i>SMF091#03_Subsystem_Activity.<fieldname></i>			
zSPC	INT	4	(IBM Name: SMF91SPC Number of pipes created
zSPD	INT	4	(IBM Name: SMF91SPD Number of pipes deleted
zSPA	INT	4	(IBM Name: SMF91SPA Number of pipes active
zSCP	INT	4	(IBM Name: SMF91SCP Number of connections opened
zSCS	INT	4	(IBM Name: SMF91SCS Number of connections closed
zSCA	INT	4	(IBM Name: SMF91SCA Number of connections active
zSDI	FLOAT	8	(IBM Name: SMF91SDI Number of bytes transferred - writer connections
zSDO	FLOAT	8	(IBM Name: SMF91SDO Number of bytes transferred - reader connections
zSP1	INT	4	(IBM Name: SMF91SP1 Reserved - Set to 0
zSP2	INT	4	(IBM Name: SMF91SP2 Reserved - Set to 0
zSP3	INT	4	(IBM Name: SMF91SP3 Reserved - Set to 0
zSC1	INT	4	(IBM Name: SMF91SC1 Reserved - Set to 0
zSC2	INT	4	(IBM Name: SMF91SC2 Reserved - Set to 0
zSC3	INT	4	(IBM Name: SMF91SC3 Reserved - Set to 0

Record Type 91 Subtype 11 - Pipe Connection Open

Primary Segment:

- SMF091#11_IBM_BatchPipes_Pipe_Connection_Open

Secondary Segment(s): 5 (in alphabetical order)

- SMF091#11_Pipe_Identification
- SMF091#11_Pipe_Reader_Connection
- SMF091#11_Pipe_Writer_Connection
- SMF091#11_Product
- SMF091#11_Subsystem_Identification

Primary segment: SMF091#11_IBM_BatchPipes_Pipe_Connection_Open

Field Name	Type	Len	Description
SMF091#11_IBM_BatchPipes_Pipe_Connection_Open.<fieldname>			
SMF091#11_IBM_BatchPipes_Pipe_Connection_Open.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

SMF091#11_IBM_BatchPipes_Pipe_Connection_Open.Self_defining_Section.<fieldname>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section

zSCN	INT	2	(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#11_Product**

Field Name	Type	Len	Description
<i>SMF091#11_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#11_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#11_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#11_Pipe_Identification

Field Name	Type	Len	Description
<i>SMF091#11_Pipe_Identification.<fieldname></i>			
zPIP	CHAR	44	(IBM Name: SMF91PIP Pipename

<i>SMF091#11_Pipe_Identification.zPRF.<fieldname></i>			
zRECFM	BINT (ENUM)	2	RECFM=F, V or U.
Blocked	BIT	1	RECFM=xB.
Spanned	BIT	1	RECFM=VS or VBS.
ANSI	BIT	1	CC=ANSI.
Machine	BIT	1	CC=Machine.

<i>SMF091#11_Pipe_Identification.<fieldname></i>			
zPMF	HEX	2	(IBM Name: SMF91PMF Type of I/O macro instruction and options. Set to 0. Note: Field mapped by DCBMACRF
zPLR	INT	4	(IBM Name: SMF91PLR Logical record length
zPBK	INT	4	(IBM Name: SMF91PBK Blocksize
zPDE	INT	4	(IBM Name: SMF91PDE Pipe depth limit, number of records (if RECFM=F V), or number of blocks (if RECFM=FB VB) allowed in single pipe until full condition encountered.

Secondary segment: SMF091#11_Pipe_Writer_Connection

Field Name	Type	Len	Description
<i>SMF091#11_Pipe_Writer_Connection.<fieldname></i>			
zIJN	CHAR	8	(IBM Name: SMF91IJN Job name
zIJJ	CHAR	8	(IBM Name: SMF91IJJ JES job number
zIRT	TSTMP	8	(IBM Name: SMF91IRT Date and time reader recognized the JOB card for this job.

zISN	CHAR	8	(IBM Name: SMF91ISN Step name
zISR	INT	4	(IBM Name: SMF91ISR Step number
zIDD	CHAR	8	(IBM Name: SMF91IDD DD Name
zIAT	TSTMP	8	(IBM Name: SMF91IAT Local date and time when the pipe was allocated for this connection.
zIJT	TSTMP	8	(IBM Name: SMF91IJT Local date and time when the connection OPEN was requested.
zIOT	TSTMP	8	(IBM Name: SMF91IOT Local date and time when the pipe connection OPEN completed.
zICT	TSTMP	8	(IBM Name: SMF91ICT Date and time, when the pipe was closed for this connection.
zINA	INT	4	(IBM Name: SMF91INA Number of reads (records if not blocked, blocks if blocked)
zIBT	FLOAT	8	(IBM Name: SMF91IBT Number of bytes read
zIW	INT	4	(IBM Name: SMF91IW Number of waits on empty
zIWT	TIME	4	(IBM Name: SMF91IWT Total time connection has been waiting; readers wait on empty pipe.
zIWB	INT	4	(IBM Name: SMF91IWB Number of waits on busy
zIEC	INT	4	(IBM Name: SMF91IEC Error code, if any
zIFT	TSTMP	8	(IBM Name: SMF91IFT Date and time of the FIRST access to the pipe for this connection.
zILT	TSTMP	8	(IBM Name: SMF91ILT Date and time of the LAST access to the pipe for this connection.

Secondary segment: SMF091#11_Pipe_Reader_Connection

Field Name	Type	Len	Description
<i>SMF091#11_Pipe_Reader_Connection.<fieldname></i>			
zOJN	CHAR	8	(IBM Name: SMF91OJN Job name
zOJJ	CHAR	8	(IBM Name: SMF91OJJ JES job number
zORT	TSTMP	8	(IBM Name: SMF91OJT Date and time reader recognized the JOB card for this job.
zOSN	CHAR	8	(IBM Name: SMF91OSN Step name
zOSR	INT	4	(IBM Name: SMF91OSR Step number
zODD	CHAR	8	(IBM Name: SMF91ODD DD Name
zOAT	TSTMP	8	(IBM Name: SMF91OAT Date and time when the pipe was allocated for this connection.
zOJT	TSTMP	8	(IBM Name: SMF91ORT Date and time when the connection OPEN was requested.
zOOT	TSTMP	8	(IBM Name: SMF91OOT Local date and time when the pipe connection OPEN was completed.

zOCT	TSTMP	8	(IBM Name: SMF91OCT Local date and time when the pipe was closed for this connection.
zONA	INT	4	(IBM Name: SMF91ONA Number of writes (records if not blocked, blocks if blocked)
zOBT	FLOAT	8	(IBM Name: SMF91OBT Number of bytes written
zOW	INT	4	(IBM Name: SMF91OW Number of waits on full
zOWT	TIME	4	(IBM Name: SMF91OWT Total time connection has been waiting on full pipe.
zOWB	INT	4	(IBM Name: SMF91OWB Number of waits on busy
zOEC	INT	4	(IBM Name: SMF91OEC Error code, if any
zOFT	TSTMP	8	(IBM Name: SMF91OFT Local date and time of the FIRST access to the pipe for this connection.
zOLT	TSTMP	8	(IBM Name: SMF91OLT Local date and time of the LAST access to the pipe for this connection.

Record Type 91 Subtype 12 - Pipe Interval

Primary Segment:

- SMF091#12_IBM_BatchPipes_Pipe_Interval

Secondary Segment(s): 6 (in alphabetical order)

- SMF091#12_Pipe_Activity
- SMF091#12_Pipe_Identification
- SMF091#12_Pipe_Reader_Connection
- SMF091#12_Pipe_Writer_Connection
- SMF091#12_Product
- SMF091#12_Subsystem_Identification

Primary segment: SMF091#12_IBM_BatchPipes_Pipe_Interval

Field Name	Type	Len	Description
<i>SMF091#12_IBM_BatchPipes_Pipe_Interval.<fieldname></i>			
<i>SMF091#12_IBM_BatchPipes_Pipe_Interval.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

<i>SMF091#12_IBM_BatchPipes_Pipe_Interval.Self_defining_Section.<fieldname></i>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section

zSCN	INT	2	(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#12_Product**

Field Name	Type	Len	Description
<i>SMF091#12_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#12_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#12_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#12_Pipe_Identification

Field Name	Type	Len	Description
<i>SMF091#12_Pipe_Identification.<fieldname></i>			
zPIP	CHAR	44	(IBM Name: SMF91PIP Pipename

<i>SMF091#12_Pipe_Identification.zPRF.<fieldname></i>			
zRECFM	BINT (ENUM)	2	RECFM=F, V or U.
Blocked	BIT	1	RECFM=xB.
Spanned	BIT	1	RECFM=VS or VBS.
ANSI	BIT	1	CC=ANSI.
Machine	BIT	1	CC=Machine.

<i>SMF091#12_Pipe_Identification.<fieldname></i>			
zPMF	HEX	2	(IBM Name: SMF91PMF Type of I/O macro instruction and options. Set to 0. Note: Field mapped by DCBMACRF
zPLR	INT	4	(IBM Name: SMF91PLR Logical record length
zPBK	INT	4	(IBM Name: SMF91PBK Blocksize
zPDE	INT	4	(IBM Name: SMF91PDE Pipe depth limit, number of records (if RECFM=F V), or number of blocks (if RECFM=FB VB) allowed in single pipe until full condition encountered.

Secondary segment: SMF091#12_Pipe_Activity

Field Name	Type	Len	Description
<i>SMF091#12_Pipe_Activity.<fieldname></i>			
zPOI	INT	4	(IBM Name: SMF91POI Number of opens for writers.
zPCI	INT	4	(IBM Name: SMF91PCI Number of closes for writer connections.
zPIC	INT	4	(IBM Name: SMF91PIC Number of active writer connections to pipe.

zPOO	INT	4	(IBM Name: SMF91POO Number of opens for readers.
zPCO	INT	4	(IBM Name: SMF91PCO Number of closes of reader connections.
zPOC	INT	4	(IBM Name: SMF91POC Number of active reader connections to pipe.

Secondary segment: **SMF091#12_Pipe_Writer_Connection**

Field Name	Type	Len	Description
<i>SMF091#12_Pipe_Writer_Connection.<fieldname></i>			
zIJN	CHAR	8	(IBM Name: SMF91IJN Job name
zIJJ	CHAR	8	(IBM Name: SMF91IJJ JES job number
zIRT	TSTMP	8	(IBM Name: SMF91IRT Date and time reader recognized the JOB card for this job.
zISN	CHAR	8	(IBM Name: SMF91ISN Step name
zISR	INT	4	(IBM Name: SMF91ISR Step number
zIDD	CHAR	8	(IBM Name: SMF91IDD DD Name
zIAT	TSTMP	8	(IBM Name: SMF91IAT Local date and time when the pipe was allocated for this connection.
zIJT	TSTMP	8	(IBM Name: SMF91IJT Local date and time when the connection OPEN was requested.
zIOT	TSTMP	8	(IBM Name: SMF91IOT Local date and time when the pipe connection OPEN completed.
zICT	TSTMP	8	(IBM Name: SMF91ICT Date and time, when the pipe was closed for this connection.
zINA	INT	4	(IBM Name: SMF91INA Number of reads (records if not blocked, blocks if blocked)
zIBT	FLOAT	8	(IBM Name: SMF91IBT Number of bytes read
zIW	INT	4	(IBM Name: SMF91IW Number of waits on empty
zIWT	TIME	4	(IBM Name: SMF91IWT Total time connection has been waiting; readers wait on empty pipe.
zIWB	INT	4	(IBM Name: SMF91IWB Number of waits on busy
zIEC	INT	4	(IBM Name: SMF91IEC Error code, if any
zIFT	TSTMP	8	(IBM Name: SMF91IFT Date and time of the FIRST access to the pipe for this connection.
zILT	TSTMP	8	(IBM Name: SMF91ILT Date and time of the LAST access to the pipe for this connection.

Secondary segment: **SMF091#12_Pipe_Reader_Connection**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF091#12_Pipe_Reader_Connection.<fieldname>			
zOJN	CHAR	8	(IBM Name: SMF91OJN Job name
zOJJ	CHAR	8	(IBM Name: SMF91OJJ JES job number
zORT	TSTMP	8	(IBM Name: SMF91OJT Date and time reader recognized the JOB card for this job.
zOSN	CHAR	8	(IBM Name: SMF91OSN Step name
zOSR	INT	4	(IBM Name: SMF91OSR Step number
zODD	CHAR	8	(IBM Name: SMF91ODD DD Name
zOAT	TSTMP	8	(IBM Name: SMF91OAT Date and time when the pipe was allocated for this connection.
zOJT	TSTMP	8	(IBM Name: SMF91ORT Date and time when the connection OPEN was requested.
zOOT	TSTMP	8	(IBM Name: SMF91OOT Local date and time when the pipe connection OPEN was completed.
zOCT	TSTMP	8	(IBM Name: SMF91OCT Local date and time when the pipe was closed for this connection.
zONA	INT	4	(IBM Name: SMF91ONA Number of writes (records if not blocked, blocks if blocked)
zOBT	FLOAT	8	(IBM Name: SMF91OBT Number of bytes written
zOW	INT	4	(IBM Name: SMF91OW Number of waits on full
zOWT	TIME	4	(IBM Name: SMF91OWT Total time connection has been waiting on full pipe.
zOWB	INT	4	(IBM Name: SMF91OWB Number of waits on busy
zOEC	INT	4	(IBM Name: SMF91OEC Error code, if any
zOFT	TSTMP	8	(IBM Name: SMF91OFT Local date and time of the FIRST access to the pipe for this connection.
zOLT	TSTMP	8	(IBM Name: SMF91OLT Local date and time of the LAST access to the pipe for this connection.

Record Type 91 Subtype 13 - Pipe Connection Close

Primary Segment:

- SMF091#13_IBM_BatchPipes_Pipe_Connection_Close

Secondary Segment(s): 5 (in alphabetical order)

- SMF091#13_Pipe_Identification
- SMF091#13_Pipe_Reader_Connection
- SMF091#13_Pipe_Writer_Connection
- SMF091#13_Product
- SMF091#13_Subsystem_Identification

Primary segment: SMF091#13_IBM_BatchPipes_Pipe_Connection_Close

Field Name	Type	Len	Description
SMF091#13_IBM_BatchPipes_Pipe_Connection_Close.<fieldname>			
SMF091#13_IBM_BatchPipes_Pipe_Connection_Close.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

SMF091#13_IBM_BatchPipes_Pipe_Connection_Close.Self_defining_Section.<fieldname>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section

zSCN	INT	2	(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#13_Product**

Field Name	Type	Len	Description
<i>SMF091#13_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#13_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#13_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#13_Pipe_Identification

Field Name	Type	Len	Description
<i>SMF091#13_Pipe_Identification.<fieldname></i>			
zPIP	CHAR	44	(IBM Name: SMF91PIP Pipename

<i>SMF091#13_Pipe_Identification.zPRF.<fieldname></i>			
zRECFM	BINT (ENUM)	2	RECFM=F, V or U.
Blocked	BIT	1	RECFM=xB.
Spanned	BIT	1	RECFM=VS or VBS.
ANSI	BIT	1	CC=ANSI.
Machine	BIT	1	CC=Machine.

<i>SMF091#13_Pipe_Identification.<fieldname></i>			
zPMF	HEX	2	(IBM Name: SMF91PMF Type of I/O macro instruction and options. Set to 0. Note: Field mapped by DCBMACRF
zPLR	INT	4	(IBM Name: SMF91PLR Logical record length
zPBK	INT	4	(IBM Name: SMF91PBK Blocksize
zPDE	INT	4	(IBM Name: SMF91PDE Pipe depth limit, number of records (if RECFM=F V), or number of blocks (if RECFM=FB VB) allowed in single pipe until full condition encountered.

Secondary segment: SMF091#13_Pipe_Writer_Connection

Field Name	Type	Len	Description
<i>SMF091#13_Pipe_Writer_Connection.<fieldname></i>			
zIJN	CHAR	8	(IBM Name: SMF91IJN Job name
zIJJ	CHAR	8	(IBM Name: SMF91IJJ JES job number
zIRT	TSTMP	8	(IBM Name: SMF91IRT Date and time reader recognized the JOB card for this job.

zISN	CHAR	8	(IBM Name: SMF91ISN Step name
zISR	INT	4	(IBM Name: SMF91ISR Step number
zIDD	CHAR	8	(IBM Name: SMF91IDD DD Name
zIAT	TSTMP	8	(IBM Name: SMF91IAT Local date and time when the pipe was allocated for this connection.
zIJT	TSTMP	8	(IBM Name: SMF91IJT Local date and time when the connection OPEN was requested.
zIOT	TSTMP	8	(IBM Name: SMF91IOT Local date and time when the pipe connection OPEN completed.
zICT	TSTMP	8	(IBM Name: SMF91ICT Date and time, when the pipe was closed for this connection.
zINA	INT	4	(IBM Name: SMF91INA Number of reads (records if not blocked, blocks if blocked)
zIBT	FLOAT	8	(IBM Name: SMF91IBT Number of bytes read
zIW	INT	4	(IBM Name: SMF91IW Number of waits on empty
zIWT	TIME	4	(IBM Name: SMF91IWT Total time connection has been waiting; readers wait on empty pipe.
zIWB	INT	4	(IBM Name: SMF91IWB Number of waits on busy
zIEC	INT	4	(IBM Name: SMF91IEC Error code, if any
zIFT	TSTMP	8	(IBM Name: SMF91IFT Date and time of the FIRST access to the pipe for this connection.
zILT	TSTMP	8	(IBM Name: SMF91ILT Date and time of the LAST access to the pipe for this connection.

Secondary segment: SMF091#13_Pipe_Reader_Connection

Field Name	Type	Len	Description
<i>SMF091#13_Pipe_Reader_Connection.<fieldname></i>			
zOJN	CHAR	8	(IBM Name: SMF91OJN Job name
zOJJ	CHAR	8	(IBM Name: SMF91OJJ JES job number
zORT	TSTMP	8	(IBM Name: SMF91OJT Date and time reader recognized the JOB card for this job.
zOSN	CHAR	8	(IBM Name: SMF91OSN Step name
zOSR	INT	4	(IBM Name: SMF91OSR Step number
zODD	CHAR	8	(IBM Name: SMF91ODD DD Name
zOAT	TSTMP	8	(IBM Name: SMF91OAT Date and time when the pipe was allocated for this connection.
zOJT	TSTMP	8	(IBM Name: SMF91ORT Date and time when the connection OPEN was requested.
zOOT	TSTMP	8	(IBM Name: SMF91OOT Local date and time when the pipe connection OPEN was completed.

zOCT	TSTMP	8	(IBM Name: SMF91OCT Local date and time when the pipe was closed for this connection.
zONA	INT	4	(IBM Name: SMF91ONA Number of writes (records if not blocked, blocks if blocked)
zOBT	FLOAT	8	(IBM Name: SMF91OBT Number of bytes written
zOW	INT	4	(IBM Name: SMF91OW Number of waits on full
zOWT	TIME	4	(IBM Name: SMF91OWT Total time connection has been waiting on full pipe.
zOWB	INT	4	(IBM Name: SMF91OWB Number of waits on busy
zOEC	INT	4	(IBM Name: SMF91OEC Error code, if any
zOFT	TSTMP	8	(IBM Name: SMF91OFT Local date and time of the FIRST access to the pipe for this connection.
zOLT	TSTMP	8	(IBM Name: SMF91OLT Local date and time of the LAST access to the pipe for this connection.

Record Type 91 Subtype 14 - Pipe Create

Primary Segment:

- SMF091#14_IBM_BatchPipes_Pipe_Create

Secondary Segment(s): 3 (in alphabetical order)

- SMF091#14_Pipe_Identification
- SMF091#14_Product
- SMF091#14_Subsystem_Identification

Primary segment: SMF091#14_IBM_BatchPipes_Pipe_Create

Field Name	Type	Len	Description
SMF091#14_IBM_BatchPipes_Pipe_Create.<fieldname>			
SMF091#14_IBM_BatchPipes_Pipe_Create.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

SMF091#14_IBM_BatchPipes_Pipe_Create.Self_defining_Section.<fieldname>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section
zSCN	INT	2	(IBM Name: SMF91SCN) Number of Subsystem Controls Sections - 0 or 1

zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#14_Product**

Field Name	Type	Len	Description
<i>SMF091#14_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#14_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#14_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#14_Pipe_Identification

Field Name	Type	Len	Description
<i>SMF091#14_Pipe_Identification.<fieldname></i>			
zPIP	CHAR	44	(IBM Name: SMF91PIP Pipename

<i>SMF091#14_Pipe_Identification.zPRF.<fieldname></i>			
zRECFM	BINT (ENUM)	2	RECFM=F, V or U.
Blocked	BIT	1	RECFM=xB.
Spanned	BIT	1	RECFM=VS or VBS.
ANSI	BIT	1	CC=ANSI.
Machine	BIT	1	CC=Machine.

<i>SMF091#14_Pipe_Identification.<fieldname></i>			
zPMF	HEX	2	(IBM Name: SMF91PMF Type of I/O macro instruction and options. Set to 0. Note: Field mapped by DCBMACRF
zPLR	INT	4	(IBM Name: SMF91PLR Logical record length
zPBK	INT	4	(IBM Name: SMF91PBK Blocksize
zPDE	INT	4	(IBM Name: SMF91PDE Pipe depth limit, number of records (if RECFM=F V), or number of blocks (if RECFM=FB VB) allowed in single pipe until full condition encountered.

Record Type 91 Subtype 15 - Pipe Delete

Primary Segment:

- SMF091#15_IBM_BatchPipes_Pipe_Delete

Secondary Segment(s): 6 (in alphabetical order)

- SMF091#15_Pipe_Activity
- SMF091#15_Pipe_Identification
- SMF091#15_Pipe_Reader_Connection
- SMF091#15_Pipe_Writer_Connection
- SMF091#15_Product
- SMF091#15_Subsystem_Identification

Primary segment: SMF091#15_IBM_BatchPipes_Pipe_Delete

Field Name	Type	Len	Description
<i>SMF091#15_IBM_BatchPipes_Pipe_Delete.<fieldname></i>			
<i>SMF091#15_IBM_BatchPipes_Pipe_Delete.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF91FLG) System indicator: Bit Meaning when set 0 Subsystem identification follows system identification 1 Subtypes used 2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF91RTY) Record type 91 (X'5B').
zTME	TSTMP	8	(IBM name: SMF91TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF91SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF91WID) Subsystem identification for the BatchPipes address space ('STC' for Started Task)
zSTY	INT	2	(IBM name: SMF91STP) Record SubType.
zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype description.
zSDL	INT	4	(IBM name: SMF91SDL) Length of Self-Defining Section.

<i>SMF091#15_IBM_BatchPipes_Pipe_Delete.Self_defining_Section.<fieldname></i>			
zPRO	INT	4	(IBM Name: SMF91PRO) Offset of Product Section.
zPRL	INT	2	(IBM Name: SMF91PRL) Length of Product Section
zPRN	INT	2	(IBM Name: SMF91PRN) Number of Product Sections - 1
zSIO	INT	4	(IBM Name: SMF91SIO) Offset of Subsystem Identification Section.
zSIL	INT	2	(IBM Name: SMF91SIL) Length of Subsystem Identification Section
zSIN	INT	2	(IBM Name: SMF91SIN) Number of Subsystem Identification Sections - 1
zSCO	INT	4	(IBM Name: SMF91SCO) Offset of Subsystem Controls Section.
zSCL	INT	2	(IBM Name: SMF91SCL) Length of Subsystem Controls Section

zSCN	INT	2	(IBM Name: SMF91SCN Number of Subsystem Controls Sections - 0 or 1
zSAO	INT	4	(IBM Name: SMF91SAO Offset of Subsystem Activity section
zSAL	INT	2	(IBM Name: SMF91SAL Length of Subsystem Activity Section
zSAN	INT	2	(IBM Name: SMF91SAN Number of Subsystem Activity Sections - 0 or 1
zPIO	INT	4	(IBM Name: SMF91PIO Offset of Pipe Identification Section.
zPIL	INT	2	(IBM Name: SMF91PIL Length of Pipe Identification Section
zPIN	INT	2	(IBM Name: SMF91PIN Number of Pipe Identification Sections - 0 or 1
zPAO	INT	4	(IBM Name: SMF91PAO Offset of Pipe Activity Section.
zPAL	INT	2	(IBM Name: SMF91PAL Length of Pipe Activity Section
zPAN	INT	2	(IBM Name: SMF91PAN Number of Pipe Activity Sections - 0 or 1
zICO	INT	4	(IBM Name: SMF91ICO Offset to writer connection section from start of record.
zICL	INT	2	(IBM Name: SMF91ICL Length of Writer Connection Section
zICN	INT	2	(IBM Name: SMF91ICN Number of Writer Connection Sections - 0 to n
zOCO	INT	4	(IBM Name: SMF91OCO Offset to first reader connection section from start of record.
zOCL	INT	2	(IBM Name: SMF91OCL Length of Reader Connection Section
zOCN	INT	2	(IBM Name: SMF91OCN Number of Reader Connection Sections - 0 to n

Secondary segment: **SMF091#15_Product**

Field Name	Type	Len	Description
<i>SMF091#15_Product.<fieldname></i>			
zPDL	CHAR	8	(IBM name: SMF91PDL) Product level.
zPDN	CHAR	10	(IBM name: SMF91PDN) Product name.
zPSV	INT	1	(IBM name: SMF91PSV) SubType version number 0 => VOLUME header section does not exist, 1 => VOLUME header section exists.
zPTS	TSTMP	8	(IBM name: SMF91PTS) Interval Start or OPEN time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.
zPTE	TSTMP	8	(IBM name: SMF91PTE) Interval End or CLOSE time of day. This is zero if not available. These values are in time-of-day (TOD) clock format, and reflect GMT time, not local time.

Secondary segment: SMF091#15_Subsystem_Identification

Field Name	Type	Len	Description
<i>SMF091#15_Subsystem_Identification.<fieldname></i>			
zSNM	CHAR	4	(IBM Name: SMF91SNM Subsystem name - from Start command.
zSCC	CHAR	8	(IBM Name: SMF91SCC Command Control Character, blank if none specified.
zSST	INT (ENUM)	1	(IBM Name: SMF91SST Subsystem Status.
zSTR	INT (ENUM)	1	(IBM Name: SMF91STR Type of trace active.

Secondary segment: SMF091#15_Pipe_Identification

Field Name	Type	Len	Description
<i>SMF091#15_Pipe_Identification.<fieldname></i>			
zPIP	CHAR	44	(IBM Name: SMF91PIP Pipename

<i>SMF091#15_Pipe_Identification.zPRF.<fieldname></i>			
zRECFM	BINT (ENUM)	2	RECFM=F, V or U.
Blocked	BIT	1	RECFM=xB.
Spanned	BIT	1	RECFM=VS or VBS.
ANSI	BIT	1	CC=ANSI.
Machine	BIT	1	CC=Machine.

<i>SMF091#15_Pipe_Identification.<fieldname></i>			
zPMF	HEX	2	(IBM Name: SMF91PMF Type of I/O macro instruction and options. Set to 0. Note: Field mapped by DCBMACRF
zPLR	INT	4	(IBM Name: SMF91PLR Logical record length
zPBK	INT	4	(IBM Name: SMF91PBK Blocksize
zPDE	INT	4	(IBM Name: SMF91PDE Pipe depth limit, number of records (if RECFM=F V), or number of blocks (if RECFM=FB VB) allowed in single pipe until full condition encountered.

Secondary segment: SMF091#15_Pipe_Activity

Field Name	Type	Len	Description
<i>SMF091#15_Pipe_Activity.<fieldname></i>			
zPOI	INT	4	(IBM Name: SMF91POI Number of opens for writers.
zPCI	INT	4	(IBM Name: SMF91PCI Number of closes for writer connections.
zPIC	INT	4	(IBM Name: SMF91PIC Number of active writer connections to pipe.

zPOO	INT	4	(IBM Name: SMF91POO Number of opens for readers.
zPCO	INT	4	(IBM Name: SMF91PCO Number of closes of reader connections.
zPOC	INT	4	(IBM Name: SMF91POC Number of active reader connections to pipe.

Secondary segment: **SMF091#15_Pipe_Writer_Connection**

Field Name	Type	Len	Description
<i>SMF091#15_Pipe_Writer_Connection.<fieldname></i>			
zIJN	CHAR	8	(IBM Name: SMF91IJN Job name
zIJJ	CHAR	8	(IBM Name: SMF91IJJ JES job number
zIRT	TSTMP	8	(IBM Name: SMF91IRT Date and time reader recognized the JOB card for this job.
zISN	CHAR	8	(IBM Name: SMF91ISN Step name
zISR	INT	4	(IBM Name: SMF91ISR Step number
zIDD	CHAR	8	(IBM Name: SMF91IDD DD Name
zIAT	TSTMP	8	(IBM Name: SMF91IAT Local date and time when the pipe was allocated for this connection.
zIJT	TSTMP	8	(IBM Name: SMF91IJT Local date and time when the connection OPEN was requested.
zIOT	TSTMP	8	(IBM Name: SMF91IOT Local date and time when the pipe connection OPEN completed.
zICT	TSTMP	8	(IBM Name: SMF91ICT Date and time, when the pipe was closed for this connection.
zINA	INT	4	(IBM Name: SMF91INA Number of reads (records if not blocked, blocks if blocked)
zIBT	FLOAT	8	(IBM Name: SMF91IBT Number of bytes read
zIW	INT	4	(IBM Name: SMF91IW Number of waits on empty
zIWT	TIME	4	(IBM Name: SMF91IWT Total time connection has been waiting; readers wait on empty pipe.
zIWB	INT	4	(IBM Name: SMF91IWB Number of waits on busy
zIEC	INT	4	(IBM Name: SMF91IEC Error code, if any
zIFT	TSTMP	8	(IBM Name: SMF91IFT Date and time of the FIRST access to the pipe for this connection.
zILT	TSTMP	8	(IBM Name: SMF91ILT Date and time of the LAST access to the pipe for this connection.

Secondary segment: **SMF091#15_Pipe_Reader_Connection**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF091#15_Pipe_Reader_Connection.<fieldname>			
zOJN	CHAR	8	(IBM Name: SMF91OJN Job name
zOJJ	CHAR	8	(IBM Name: SMF91OJJ JES job number
zORT	TSTMP	8	(IBM Name: SMF91OJT Date and time reader recognized the JOB card for this job.
zOSN	CHAR	8	(IBM Name: SMF91OSN Step name
zOSR	INT	4	(IBM Name: SMF91OSR Step number
zODD	CHAR	8	(IBM Name: SMF91ODD DD Name
zOAT	TSTMP	8	(IBM Name: SMF91OAT Date and time when the pipe was allocated for this connection.
zOJT	TSTMP	8	(IBM Name: SMF91ORT Date and time when the connection OPEN was requested.
zOOT	TSTMP	8	(IBM Name: SMF91OOT Local date and time when the pipe connection OPEN was completed.
zOCT	TSTMP	8	(IBM Name: SMF91OCT Local date and time when the pipe was closed for this connection.
zONA	INT	4	(IBM Name: SMF91ONA Number of writes (records if not blocked, blocks if blocked)
zOBT	FLOAT	8	(IBM Name: SMF91OBT Number of bytes written
zOW	INT	4	(IBM Name: SMF91OW Number of waits on full
zOWT	TIME	4	(IBM Name: SMF91OWT Total time connection has been waiting on full pipe.
zOWB	INT	4	(IBM Name: SMF91OWB Number of waits on busy
zOEC	INT	4	(IBM Name: SMF91OEC Error code, if any
zOFT	TSTMP	8	(IBM Name: SMF91OFT Local date and time of the FIRST access to the pipe for this connection.
zOLT	TSTMP	8	(IBM Name: SMF91OLT Local date and time of the LAST access to the pipe for this connection.

Record Type 92 - File System

SMF Record 92 (File System) is mapped by structure member "T092".

Primary Segment:

- [SMF092_File_System](#)

Secondary Segment(s): 38 (in alphabetical order)

- [SMF092_Identification](#)
- [SMF092_IdentZFS](#)
- [SMF092_Subsystem](#)
- [SMF092_S01_FileSys_Mounted](#)
- [SMF092_S01_Path](#)
- [SMF092_S02_FileSys_Susp](#)
- [SMF092_S04_FileSys_Res](#)
- [SMF092_S05_FileSys_Unmounted](#)
- [SMF092_S06_FileSys_Remounted](#)
- [SMF092_S07_FileSys_Moved](#)
- [SMF092_S08_FileSys_Migrated](#)
- [SMF092_S10_File_Opened](#)
- [SMF092_S11_File_Closed](#)
- [SMF092_S12_MemMap_Start](#)
- [SMF092_S13_MemMap_End](#)
- [SMF092_S14_File_Del_or_Ren](#)
- [SMF092_S15_File_Sec_Chg](#)
- [SMF092_S16_Sock_Spec_Closed](#)
- [SMF092_S17_Times_Accessed](#)
- [SMF092_S50_FileSys_Events](#)
- [SMF092_S51_zFS_Response_Times](#)
- [SMF092_S51_zFS_Response_Times_Call](#)
- [SMF092_S52_zFS_File_Cache](#)
- [SMF092_S52_zFS_File_Cache_Cache](#)
- [SMF092_S53_zFS_Metadata_Cache](#)
- [SMF092_S54_zFS_Locking_Sleeps](#)
- [SMF092_S54_zFS_Locking_Sleeps_LockCont](#)
- [SMF092_S54_zFS_Locking_Sleeps_SleepCont](#)
- [SMF092_S55_zFS_Disk_IO](#)
- [SMF092_S55_zFS_Disk_IO_IoCirc](#)
- [SMF092_S56_TokManager](#)
- [SMF092_S56_TokManager_SysTok](#)
- [SMF092_S56_TokManager_Thrash](#)
- [SMF092_S57_zFS_Memory](#)
- [SMF092_S57_zFS_Memory_SubComp](#)
- [SMF092_S58_Transmit_Receive](#)
- [SMF092_S58_Transmit_Receive_TR](#)
- [SMF092_S59_Per_File_System_Usage](#)

Primary segment: [SMF092_File_System](#)

Field Name	Type	Len	Description
<i>SMF092_File_System.<fieldname></i>			
<i>SMF092_File_System.Header_self_defining_section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF92FLG) SMF flag bits. 0 SUBSYSTEMidentification follows system identification 1 SubTypeSused 2 RESERVED3-6 Version Indicators (see 'Standard and Extended SMF record headers' on page 174 F0Rdetails) 7 RESERVED
zRTY	INT	1	(IBM name: SMF92RTY) Record type: 92 (X'5C').
zTME	TSTMP	8	(IBM name: SMF92TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF92SID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF92WID) Subsystem identification.
zSTY	INT	2	(IBM name: SMF92STP) Record SubType.

zSTYe	INT (ENUM)	2	(IBM name: N/A) Record subtype meaning
zSDL	INT	2	(IBM name: SMF92SDL) Length of self-defining section. Self-Defining Section:
zSOF	INT	4	(IBM name: SMF92SOF) Offset to subsystem section.
zSLN	INT	2	(IBM name: SMF92SLN) Length of subsystem section.
zSON	INT	2	(IBM name: SMF92SON) Number of subsystem sections.
zIOF	INT	4	(IBM name: SMF92IOF) Offset of identification section.
zILN	INT	2	(IBM name: SMF92ILN) Length of identification section.
zION	INT	2	(IBM name: SMF92ION) Number of identification sections.
zDOF	INT	4	(IBM name: SMF92DOF) Offset of data section.
zDLN	INT	2	(IBM name: SMF92DLN) Length of data section.
zDON	INT	2	(IBM name: SMF92DON) Number of data sections. Subsystem Section:

Secondary segment: SMF092_Subsystem

Field Name	Type	Len	Description
<i>SMF092_Subsystem.<fieldname></i>			
zTYP	INT	2	(IBM name: SMF92TYP) SubType identification.
zRVN	INT (ENUM)	2	(IBM name: SMF92RVN) Record version number
zPNM	CHAR	8	(IBM name: SMF92PNM) Product name, right-justified with blanks.
zOSL	CHAR	8	(IBM name: SMF92OSL) Product service level. Identification Section: 814 Z/OSMVS System Management Facilities (SMF)

Secondary segment: SMF092_Identification

Field Name	Type	Len	Description
<i>SMF092_Identification.<fieldname></i>			
zJBN	CHAR	8	(IBM name: SMF92JBN) Job name.
zRST	TSTMP	8	(IBM name: SMF92RST) Reader start time.
zSTM	CHAR	8	(IBM name: SMF92STM) Step name.
zRGD	CHAR	8	(IBM name: SMF92RGD) SAF group ID.
zRUD	CHAR	8	(IBM name: SMF92RUD) SAF user ID.

zUID	INT	4	(IBM name: SMF92UID) mreal user ID.
zGID	INT	4	(IBM name: SMF92GID) Real group ID for z/OS UNIX.
zPID	INT	4	(IBM name: SMF92PID) Process ID for z/OS UNIX.
zPGD	INT	4	(IBM name: SMF92PGD) Process group ID for z/OS UNIX.
zSSD	INT	4	(IBM name: SMF92SSD) Session ID for z/OS UNIX.
zAPI	INT	4	(IBM name: SMF92API) Anchor process ID for z/OS UNIX.
zAPG	INT	4	(IBM name: SMF92APG) Anchor process group ID for z/OS UNIX.
zASG	INT	4	(IBM name: SMF92ASG) Anchor session ID for z/OS UNIX. Identification Section for zFS only:

Secondary segment: SMF092_IdentZFS

Field Name	Type	Len	Description
<i>SMF092_IdentZFS.<fieldname></i>			
zJBN	CHAR	8	(IBM name: SMF92JBN) Job name of zFS product.
zRST	TSTMP	8	(IBM name: SMF92RST) Start time (or latest internal restart time of zFS.
zSTM	CHAR	8	(IBM name: SMF92STM) 8-character blank-padded step name. For zFS, this is IOEFSKN.
zASID	INT	4	(IBM name: SMF92ASID) ASID of zFS kernel.
zRSC	INT	4	(IBM name: SMF92RSC) Internal restart count

Secondary segment: SMF092_S01_FileSys_Mounted

Field Name	Type	Len	Description
<i>SMF092_S01_FileSys_Mounted.<fieldname></i>			
zMTM	TSTMP	8	(IBM name: SMF92MTM) Time of mount, STCK format.
zMPF	INT	4	(IBM name: SMF92MPF) Offset of path section.
zMFT	INT (ENUM)	4	(IBM name: SMF92MFT) File system type from MntEntFSType field of BPXYMNTE.
<i>SMF092_S01_FileSys_Mounted.zMFM.<fieldname></i>			
zMFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92MFM - Unused
zMFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92MFM - Unused
<i>SMF092_S01_FileSys_Mounted.zMFM.zMFM3.<fieldname></i>			

zSyncOnly	BIT	1	File system SynchOnly specified
-----------	-----	---	---------------------------------

SMF092_S01_FileSys_Mounted.zMFM.zMFM4.<fieldname>

zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only

SMF092_S01_FileSys_Mounted.zMFM.<fieldname>

zMDN	INT	4	(IBM name: SMF92MDN) File system device number from MntEntFSDev field of BPXYMNT.
zMDD	CHAR	8	(IBM name: SMF92MDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNT.
zMTN	CHAR	8	(IBM name: SMF92MTN) File system type name from MntEntFSTName field of BPXYMNT.
zMFN	CHAR	44	(IBM name: SMF92MFN) File system name from MntEntFSName field of BPXYMNT.
zMBL	INT	4	(IBM name: SMF92MBL) File system block size.
zMST	INT	8	(IBM name: SMF92MST) Total space in file system in block size units.
zMSU	INT	8	(IBM name: SMF92MSU) Allocated space in file system in block size units. Chapter 16. SMF records

SMF092_S01_FileSys_Mounted.zMFG.<fieldname>

zAutomounter	BIT	1	File system mounted by automounter (SMF92MAU)
zAsync	BIT	1	File system mounted asynchronously (SMF92MAS)
zRemount	BIT	1	File system remounted (SMF92MRM)

SMF092_S01_FileSys_Mounted.zMF2.<fieldname>

zLocal	BIT	1	File system mounted locally (SMF92MLU)
zRemote	BIT	1	File system mounted remotely (SMF92MNU)
zSysplex	BIT	1	Sysplex client (SMF92MDO)
zPath	BIT	1	File system owner (SMF92MSN) Path Section:

Secondary segment: SMF092_S01_Path

Field Name	Type	Len	Description
SMF092_S01_Path.<fieldname>			
zPPL	INT	2	(IBM name: SMF92PPL) Length of pathname for directory.
zPPN	XVCHAR	0 1000	(IBM name: SMF92PPN) Pathname of directory where file system is mounted.

Secondary segment: **SMF092_S02_FileSys_Susp**

Field Name	Type	Len	Description
<i>SMF092_S02_FileSys_Susp.<fieldname></i>			
zSTS	TSTMP	8	(IBM name: SMF92STS) Time of suspend, STCK format.
zSFT	INT (ENUM)	4	(IBM name: SMF92SFT) File system type from MntEntFSType field of BPXYMNTE.
<i>SMF092_S02_FileSys_Susp.zSFM.<fieldname></i>			
zSFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92SFM - Unused
zSFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92SFM - Unused
<i>SMF092_S02_FileSys_Susp.zSFM.zSFM3.<fieldname></i>			
zSyncOnly	BIT	1	File system SynchOnly specified
<i>SMF092_S02_FileSys_Susp.zSFM.zSFM4.<fieldname></i>			
zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only
<i>SMF092_S02_FileSys_Susp.zSFM.<fieldname></i>			
zSDN	INT	4	(IBM name: SMF92SDN) File system device number from MntEntFSDev field of BPXYMNTE.
zSDD	CHAR	8	(IBM name: SMF92SDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNTE.
zSTN	CHAR	8	(IBM name: SMF92STN) File system type name from MntEntFSTName field of BPXYMNTE.
zSFN	CHAR	44	(IBM name: SMF92SFN) File system name from MntEntFSName field of BPXYMNTE.
<i>SMF092_S02_FileSys_Susp.zSFG.<fieldname></i>			
zLocal	BIT	1	File system mounted locally (SMF92MLU)
zRemote	BIT	1	File system mounted remotely (SMF92MNU)
zSysplex	BIT	1	Sysplex client (SMF92MDO)
zOwner	BIT	1	File system owner (SMF92SSN)

Secondary segment: **SMF092_S04_FileSys_Res**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF092_S04_FileSys_Res.<fieldname></i>			
zRTS	TSTMP	8	(IBM name: SMF92RTS) Time of suspend, STCK format.
zRTR	TSTMP	8	(IBM name: SMF92RTR) Time of resume, STCK format.
zRFT	INT (ENUM)	4	(IBM name: SMF92RFT) File system type from MntEntFSType field of BPXYMNTTE.

<i>SMF092_S04_FileSys_Res.zRFM.<fieldname></i>			
zRFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92RFM - Unused
zRFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92RFM - Unused

<i>SMF092_S04_FileSys_Res.zRFM.zRFM3.<fieldname></i>			
zSyncOnly	BIT	1	File system SynchOnly specified

<i>SMF092_S04_FileSys_Res.zRFM.zRFM4.<fieldname></i>			
zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only

<i>SMF092_S04_FileSys_Res.zRFM.<fieldname></i>			
zRDN	INT	4	(IBM name: SMF92RDN) File system device number from MntEntFSDev field of BPXYMNTTE. 816 Z/OSMVS System Management Facilities (SMF)
zRDD	CHAR	8	(IBM name: SMF92RDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNTTE.
zRTN	CHAR	8	(IBM name: SMF92RTN) File system type name from MntEntFSTName field of BPXYMNTTE.
zRFN	CHAR	44	(IBM name: SMF92RFN) File system name from MntEntFSName field of BPXYMNTTE.

<i>SMF092_S04_FileSys_Res.zRFG.<fieldname></i>			
zLocal	BIT	1	File system mounted locally (SMF92MLU)
zRemote	BIT	1	File system mounted remotely (SMF92MNU)
zSysplex	BIT	1	Sysplex client (SMF92MDO)
zSubTypes	BIT	1	File system owner (SMF92RSN) SubTypes

Secondary segment: SMF092_S05_FileSys_Unmounted

Field Name	Type	Len	Description
<i>SMF092_S05_FileSys_Unmounted.<fieldname></i>			
zUTM	TSTMP	8	

			(IBM name: SMF92UTM) Time of mount, STCK format.
zUTU	TSTMP	8	(IBM name: SMF92UTU) Time of unmount, STCK format.
zUFT	INT (ENUM)	4	(IBM name: SMF92UFT) File system type from MntEntFSType field of BPXYMNTTE.

SMF092_S05_FileSys_Unmounted.zUFM.<fieldname>

zUFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92UFM - Unused
zUFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92UFM - Unused

SMF092_S05_FileSys_Unmounted.zUFM.zUFM3.<fieldname>

zSyncOnly	BIT	1	File system SynchOnly specified
-----------	-----	---	---------------------------------

SMF092_S05_FileSys_Unmounted.zUFM.zUFM4.<fieldname>

zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only

SMF092_S05_FileSys_Unmounted.zUFM.<fieldname>

zUDN	INT	4	(IBM name: SMF92UDN) File system device number from MntEntFSDev field of BPXYMNTTE.
zUDD	CHAR	8	(IBM name: SMF92UDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNTTE.
zUTN	CHAR	8	(IBM name: SMF92UTN) File system type name from MntEntFSTName field of BPXYMNTTE.
zUFN	CHAR	44	(IBM name: SMF92UFN) File system name from MntEntFSName field of BPXYMNTTE.
zUBL	INT	4	(IBM name: SMF92UBL) File system block size.
zUST	INT	8	(IBM name: SMF92UST) Total space in file system in block size units.
zUSU	INT	8	(IBM name: SMF92USU) Allocated space in file system in block size units.
zUSR	INT	4	(IBM name: SMF92USR) Read calls issued to the mounted file system.
zUSW	INT	4	(IBM name: SMF92USW) Write calls issued to the mounted file system.
zUDI	INT	4	(IBM name: SMF92UDI) Directory I/O blocks.
zUIR	INT	4	(IBM name: SMF92UIR) I/O blocks read.
zUIW	INT	4	(IBM name: SMF92UIW) I/O blocks written
zUBR	INT	8	(IBM name: SMF92UBR) Bytes read.

zUBW	INT	8	(IBM name: SMF92UBW) Bytes written.
------	-----	---	--

SMF092_S05_FileSys_Unmounted.zUFG.<fieldname>

zAutomounter	BIT	1	File system unmounted by automounter (SMF92UAU)
zMigration	BIT	1	File system remounted by migration (SMF92UMI)

SMF092_S05_FileSys_Unmounted.zUF2.<fieldname>

zLocal	BIT	1	FILE system mounted locally (SMF92MLU)
zRemote	BIT	1	FILE system mounted remotely (SMF92MNU)
zSysplex	BIT	1	SYSPLX client (SMF92MDO)
zOwner	BIT	1	File system owner (SMF92USN)

Secondary segment: SMF092_S06_FileSys_Remounted

Field Name	Type	Len	Description
SMF092_S06_FileSys_Remounted.<fieldname>			
zUTM	TSTMP	8	(IBM name: SMF92UTM) Time of mount, STCK format.
zUTU	TSTMP	8	(IBM name: SMF92UTU) Time of unmount, STCK format.
zUFT	INT (ENUM)	4	(IBM name: SMF92UFT) File system type from MntEntFSType field of BPXYMNT.

SMF092_S06_FileSys_Remounted.zUFM.<fieldname>

zUFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92UFM - Unused
zUFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92UFM - Unused

SMF092_S06_FileSys_Remounted.zUFM.zUFM3.<fieldname>

zSyncOnly	BIT	1	File system SynchOnly specified
-----------	-----	---	---------------------------------

SMF092_S06_FileSys_Remounted.zUFM.zUFM4.<fieldname>

zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only

SMF092_S06_FileSys_Remounted.zUFM.<fieldname>

zUDN	INT	4	(IBM name: SMF92UDN) File system device number from MntEntFSDev field of BPXYMNT.
zUDD	CHAR	8	(IBM name: SMF92UDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNT.

zUTN	CHAR	8	(IBM name: SMF92UTN) File system type name from MntEntFSTName field of BPXYMNT.
zUFN	CHAR	44	(IBM name: SMF92UFN) File system name from MntEntFSName field of BPXYMNT.
zUBL	INT	4	(IBM name: SMF92UBL) File system block size.
zUST	INT	8	(IBM name: SMF92UST) Total space in file system in block size units.
zUSU	INT	8	(IBM name: SMF92USU) Allocated space in file system in block size units.
zUSR	INT	4	(IBM name: SMF92USR) Read calls issued to the mounted file system.
zUSW	INT	4	(IBM name: SMF92USW) Write calls issued to the mounted file system.
zUDI	INT	4	(IBM name: SMF92UDI) Directory I/O blocks.
zUIR	INT	4	(IBM name: SMF92UIR) I/O blocks read.
zUIW	INT	4	(IBM name: SMF92UIW) I/O blocks written
zUBR	INT	8	(IBM name: SMF92UBR) Bytes read.
zUBW	INT	8	(IBM name: SMF92UBW) Bytes written.

SMF092_S06_FileSys_Remounted.zUFG.<fieldname>

zAutomounter	BIT	1	File system unmounted by automounter (SMF92UAU)
zMigration	BIT	1	File system remounted by migration (SMF92UMI)

SMF092_S06_FileSys_Remounted.zUF2.<fieldname>

zLocal	BIT	1	FILE system mounted locally (SMF92MLU)
zRemote	BIT	1	FILE system mounted remotely (SMF92MNU)
zSysplex	BIT	1	SYSPLEX client (SMF92MDO)
zOwner	BIT	1	File system owner (SMF92USN)

Secondary segment: SMF092_S07_FileSys_Moved

Field Name	Type	Len	Description
SMF092_S07_FileSys_Moved.<fieldname>			
zVTV	TSTMP	8	(IBM name: SMF92VTV) Time of move, STCK format.
zVTM	TSTMP	8	(IBM name: SMF92VTM) Time of mount, STCK format.
zVFT	INT (ENUM)	4	(IBM name: SMF92VFT) File system type from MntEntFSType field of BPXYMNT.

SMF092_S07_FileSys_Moved.zVFM.<fieldname>

zVFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92VFM - Unused
zVFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92VFM - Unused

SMF092_S07_FileSys_Moved.zVFM.zVFM3.<fieldname>			
zSyncOnly	BIT	1	File system SynchOnly specified

SMF092_S07_FileSys_Moved.zVFM.zVFM4.<fieldname>			
zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only

SMF092_S07_FileSys_Moved.zVFM.<fieldname>			
zVDN	INT	4	(IBM name: SMF92VDN) File system device number from MntEntFSDev field of BPXYMNTÉ.
zVDD	CHAR	8	(IBM name: SMF92VDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNTÉ.
zVTN	CHAR	8	(IBM name: SMF92VTN) File system type name from MntEntFSTName field of BPXYMNTÉ.
zVNM	CHAR	44	(IBM name: SMF92VNM) File system name from MntEntFSName field of BPXYMNTÉ.
zVBL	INT	4	(IBM name: SMF92VBL) File system block size.
zVST	INT	8	(IBM name: SMF92VST) Total space in file system in block size units.
zVSU	INT	8	(IBM name: SMF92VSU) Allocated space in file system in block size units.
zVSR	INT	4	(IBM name: SMF92VSR) Read calls issued to the mounted file system.
zVSW	INT	4	(IBM name: SMF92VSW) Write calls issued to the mounted file system.
zVDI	INT	4	(IBM name: SMF92VDI) Directory I/O blocks.
zVIR	INT	4	(IBM name: SMF92VIR) I/O blocks read.
zVIW	INT	4	(IBM name: SMF92VIW) I/O blocks written
zVBR	INT	8	(IBM name: SMF92VBR) Bytes read.
zVBW	INT	8	(IBM name: SMF92VBW) Bytes written.

SMF092_S07_FileSys_Moved.zVFG.<fieldname>			
zUSER_INITIATED	BIT	1	USER-INITIATED(SMF92VUI)
zRECOVERY	BIT	1	RECOVERY(SMF92VRI)

SMF092_S07_FileSys_Moved.zVOF.<fieldname>			
zLocal	BIT	1	File system mounted locally (SMF92VOL)
zRemote	BIT	1	File system mounted remotely (SMF92VON)

zSysplex	BIT	1	Sysplex client (SMF92VOD)
zOwner	BIT	1	File system owner (SMF92VOS)
SMF092_S07_FileSys_Moved.zVNF.<fieldname>			
zLocal	BIT	1	File system mounted locally (SMF92VOL)
zRemote	BIT	1	File system mounted remotely (SMF92VON)
zSysplex	BIT	1	Sysplex client (SMF92VOD)
zOwner	BIT	1	File system owner (SMF92VOS)
zSMF	BIT	1	z/OS MVS System Management Facilities (SMF)

Secondary segment: SMF092_S08_FileSys_Migrated

Field Name	Type	Len	Description
SMF092_S08_FileSys_Migrated.<fieldname>			
zGTM	TSTMP	8	(IBM name: SMF92GTM) Time of migration, STCK format.
zGMO	INT	4	(IBM name: SMF92GMO) Offset of mount parm section.
zGFT	INT (ENUM)	4	(IBM name: SMF92GFT) File system type from MntEntFSType field of BPXYMNTE.

SMF092_S08_FileSys_Migrated.zGFM.<fieldname>			
zGFM1	HEX	1	(IBM name: N/A) Byte 1 of SMF92GFM - Unused
zGFM2	HEX	1	(IBM name: N/A) Byte 2 of SMF92GFM - Unused

SMF092_S08_FileSys_Migrated.zGFM.zGFM3.<fieldname>			
zSyncOnly	BIT	1	File system SynchOnly specified

SMF092_S08_FileSys_Migrated.zGFM.zGFM4.<fieldname>			
zAcls	BIT	1	Acls supported by sec product
zUnmount	BIT	1	UnMount during recovery
zClient	BIT	1	File system is a client
zAutomove	BIT	1	Automove allowed
zNoSec	BIT	1	No Security checks enforced
zDFS	BIT	1	File system exported by DFS
zNoSetUID	BIT	1	SetUID not permitted for files in this file system
zReadOnly	BIT	1	File system mounted read only

SMF092_S08_FileSys_Migrated.zGFM.<fieldname>			
zGDN	INT	4	(IBM name: SMF92GDN) File system device number from MntEntFSDev field of BPXYMNTE.
zGDD	CHAR	4	(IBM name: SMF92GDD) DDNAME specified on mount from MntEntFSDDName field of BPXYMNTE.
zGTN	CHAR	8	(IBM name: SMF92GTN) File system type name from MntEntFSTName field of BPXYMNTE.
zGFN	CHAR	44	

			(IBM name: SMF92GFN) File system name from MntEntFSName field of BPXYMNTE. Migration target file system name.
zGON	CHAR	44	(IBM name: SMF92GON) Migration source file system name.
zGBL	INT	4	(IBM name: SMF92GBL) File system block size.
zGST	INT	8	(IBM name: SMF92GST) Total space in file system in block size units.
zGSU	INT	8	(IBM name: SMF92GSU) Allocated space in file system in block size units.
zGFG	HEX	1	(IBM name: SMF92GFG) Flag byte.

SMF092_S08_FileSys_Migrated.zGF2.<fieldname>

zLocal	BIT	1	File system mounted locally (SMF92GLU)
zRemote	BIT	1	File system mounted remotely (SMF92GNU)
zOwner	BIT	1	File system owner (SMF92GSN) Mount Parm Option Section:

SMF092_S08_FileSys_Migrated.<fieldname>

zMOL	INT	2	(IBM name: SMF92MOL) Length of mount parm option.
zMON	XVCHAR	0 1000	(IBM name: SMF92MON) Mount parm option used when mounting target file system. Maximum length=500.

Secondary segment: SMF092_S10_File_Opened

Field Name	Type	Len	Description
SMF092_S10_File_Opened.<fieldname>			
zOTO	TSTMP	8	(IBM name: SMF92OTO) Time of open, STCK format.
zOTY	INT (ENUM)	1	(IBM name: SMF92OTY) File type as defined in BPXYFTYP.

SMF092_S10_File_Opened.zOFG.<fieldname>

zVNode	BIT	1	Generated by vnode interface service
zNetwork	BIT	1	Network socket (0 indicates UNIX domain socket)
zClient	BIT	1	Client socket (0 indicates server socket)

SMF092_S10_File_Opened.<fieldname>

zOTK	HEX	4	(IBM name: SMF92OTK) Open file token (matches token in close data section)
zOIN	INT	4	(IBM name: SMF92OIN) File serial number (inode).
zODN	INT	4	(IBM name: SMF92ODN) Unique device number for the file. Chapter 16. SMF records

Secondary segment: **SMF092_S11_File_Closed**

Field Name	Type	Len	Description
<i>SMF092_S11_File_Closed.<fieldname></i>			
zCTO	TSTMP	8	(IBM name: SMF92CTO) Time of open, STCK format.
zCTC	TSTMP	8	(IBM name: SMF92CTC) Time of close, STCK format.
zCTY	INT (ENUM)	1	(IBM name: SMF92CTY) File type as defined in BPXYFTYP.

<i>SMF092_S11_File_Closed.zCFG.<fieldname></i>			
zVNode	BIT	1	Generated by vnode interface service
zNetwork	BIT	1	Network socket (0 indicates UNIX domain socket)
zClient	BIT	1	Client socket (0 indicates server socket)
zCached	BIT	1	File was cached
zDenyRead	BIT	1	File had deny read set on it.
zDenyWrite	BIT	1	File had deny write set on it.

<i>SMF092_S11_File_Closed.<fieldname></i>			
zCTK	HEX	4	(IBM name: SMF92CTK) Open file token.
zCIN	INT	4	(IBM name: SMF92CIN) File serial number (inode).

<i>SMF092_S11_File_Closed.zCDN.<fieldname></i>			
zInvalidStDev	BIT	1	INVALID StDev. ignore
zSocketRange	BIT	1	SOCKET range denotation. ignore Note: Any decimal value of 1,073,741,824 or greater should be ignored.

<i>SMF092_S11_File_Closed.<fieldname></i>			
zCSR	INT	4	(IBM name: SMF92CSR) Read calls issued to the file.
zCSW	INT	4	(IBM name: SMF92CSW) Write calls issued to the file.
zCDI	INT	4	(IBM name: SMF92CDI) Directory I/O blocks.
zCIR	INT	4	(IBM name: SMF92CIR) I/O blocks read.
zCIW	INT	4	(IBM name: SMF92CIW) I/O blocks written.
zCBR	INT	8	(IBM name: SMF92CBR) Bytes read.
zCBW	INT	8	(IBM name: SMF92CBW) Bytes written.
zCPN	CHAR	64	(IBM name: SMF92CPN) The pathname used at open time, if known. If the name is 64 CHARACTERS or longer, the last 64 CHARACTERS of the name. The name is left-justified and padded with blanks. This field is not always present.

Secondary segment: SMF092_S12_MemMap_Start

Field Name	Type	Len	Description
<i>SMF092_S12_MemMap_Start.<fieldname></i>			
zMTO	TSTMP	8	(IBM name: SMF92MTO) Time of mmap, STCK format.
zMSZ	INT	4	(IBM name: SMF92MSZ) Number of bytes being memory mapped or x'7FFFFFFF' if map>=2G.
zMTK	HEX	4	(IBM name: SMF92MTK) mmap file token (matches token in munmap data section).
zMIN	INT	4	(IBM name: SMF92MIN) File serial number (inode).
zMMDN	INT	4	(IBM name: SMF92MMDN) File unique device number.
zMLSZ	INT	8	(IBM name: SMF92MLSZ) 64 bit Number of bytes being memory mapped.

Secondary segment: SMF092_S13_MemMap_End

Field Name	Type	Len	Description
<i>SMF092_S13_MemMap_End.<fieldname></i>			
zMUTO	TSTMP	8	(IBM name: SMF92MUTO) Time of mmap, STCK format.
zMUTC	TSTMP	8	(IBM name: SMF92MUTC) Time of munmap, STCK format.
zMUSZ	INT	4	(IBM name: SMF92MUSZ) Number of bytes being memory mapped or x'7FFFFFFF' if map>=2G.
zMUTK	HEX	4	(IBM name: SMF92MUTK) mmap file token (matches token in mmap data section).
zMUIN	INT	4	(IBM name: SMF92MUIN) File serial number (inode).
zMUDN	INT	4	(IBM name: SMF92MUDN) File unique device number.
zMUIR	INT	4	(IBM name: SMF92MUIR) I/O blocks read.
zMUIW	INT	4	(IBM name: SMF92MUIW) I/O blocks written.
zMULSZ	INT	8	(IBM name: SMF92MULSZ) 64 bit Number of bytes being memory mapped.

Secondary segment: SMF092_S14_File_Del_or_Ren

Field Name	Type	Len	Description
<i>SMF092_S14_File_Del_or_Ren.<fieldname></i>			
zDFT	TSTMP	8	(IBM name: SMF92DFT) Time of delete, STCK format.
zDTY	INT (ENUM)	1	(IBM name: SMF92DTY) File type as defined in BPXYFTYP.
<i>SMF092_S14_File_Del_or_Ren.zDFLG.<fieldname></i>			

zAction	BINT (ENUM)	1	Action: DELETE or RENAME
SMF092_S14_File_Del_or_Ren.<fieldname>			
zDIN	INT	4	(IBM name: SMF92DIN) File serial number (inode).
zDINP	INT	4	(IBM name: SMF92DINP) File serial number (inode) of parent.
zDDN	INT	4	(IBM name: SMF92DDN) Unique device number for the file.
zDFS	CHAR	44	(IBM name: SMF92DFS) File system name.
zDNL	INT	4	(IBM name: SMF92DNL) Length of file name for delete.
zDFN	CHAR	64	(IBM name: SMF92DFN) Name of file that was deleted or renamed, left-justified and, if longer than 64 CHARACTERS, truncated on the right.
zDNLR	INT	4	(IBM name: SMF92DNLR) Length of new name of file that was renamed.
zDFNR	CHAR	64	(IBM name: SMF92DFNR) New name of file that was renamed, left-justified and, if longer than 64 CHARACTERS, truncated on the right.

Secondary segment: **SMF092_S15_File_Sec_Chg**

Field Name	Type	Len	Description
SMF092_S15_File_Sec_Chg.<fieldname>			
zACT	TSTMP	8	(IBM name: SMF92ACT) Time of change, STCK format.
zATY	INT (ENUM)	1	(IBM name: SMF92ATY) File type as defined in BPXYFTYP.
zAFLG	INT	1	(IBM name: SMF92AFLG) Flags.
zAIN	INT	4	(IBM name: SMF92AIN) File serial number (inode).
zADN	INT	4	(IBM name: SMF92ADN) File system device number for the file.
zAFS	CHAR	44	(IBM name: SMF92AFS) File system name.
zAOLDGENVAL	HEX	4	(IBM name: SMF92AOLDGENVAL) File's original generated values, which are the same as the values of st_GenValue from BPXYSTAT. Chapter 16. SMF records
SMF092_S15_File_Sec_Chg.zDFLG.zGFM4.zAOLDGENVALSECBYTE.<fieldname>			
zShared	BIT	1	Shared library.
zAuth	BIT	1	Program is APF authorized.
zProg	BIT	1	Program controlled.
SMF092_S15_File_Sec_Chg.zDFLG.zGFM4.<fieldname>			
zAOLDATTRCHAR	CHAR	1	(IBM name: SMF92AOLDATTRCHAR) The '>' delimiter.
zAOLDSHRLIBC	CHAR	1	(IBM name: SMF92AOLDSHRLIBC) The value is S if shared library was on.

zAOLDAPFAUTHC	CHAR	1	(IBM name: SMF92AOLDAPFAUTHC) The value is A if APF authorized was on.
zAOLDPGMCTLC	CHAR	1	(IBM name: SMF92AOLDPGMCTLC) The value is P if program controlled was on.
zANewGENVAL	HEX	4	(IBM name: SMF92ANewGENVAL) New generated values after the change, which are the same as the values of st_GenValue from BPXYSTAT.

SMF092_S15_File_Sec_Chg.zDFLG.zGFM4.zANewGENVALSECBYTE.<fieldname>			
zShared	BIT	1	Shared library.
zAuth	BIT	1	Program is APF authorized.
zProg	BIT	1	Program controlled.

SMF092_S15_File_Sec_Chg.zDFLG.zGFM4.<fieldname>			
zANewSECATTRSC	CHAR	4	(IBM name: SMF92ANewSECATTRSC) File's new security flags in character form: A, P, S.
zANewATTRCHAR	CHAR	1	(IBM name: SMF92ANewATTRCHAR) The > delimiter.
zANewSHRLIBC	CHAR	1	(IBM name: SMF92ANewSHRLIBC) The value is S if shared library is on.
zANewAPFAUTHC	CHAR	1	(IBM name: SMF92ANewAPFAUTHC) The value is A if APF authorized is on.
zANewPGMCTLC	CHAR	1	(IBM name: SMF92ANewPGMCTLC) The value is P if Program controlled is on.

SMF092_S15_File_Sec_Chg.zDFLG.<fieldname>			
zAOWNUID	INT	4	(IBM name: SMF92AOWNUID) File owner user ID.
zAOWNGID	INT	4	(IBM name: SMF92AOWNGID) File owner GID.
zASECLABEL	CHAR	8	(IBM name: SMF92ASECLABEL) File security label.
zAAUDITFID	CHAR	16	(IBM name: SMF92AAUDITFID) RACF's file ID, which is the same as the XXXX_FILE_ID in the various RACF SMF type 80 AUDIT records.
zACWDRC	INT	4	(IBM name: SMF92ACWDRC) Error return code from getcwd.
zACWDRSN	INT	4	(IBM name: SMF92ACWDRSN) Error return code from getcwd. If the full path name of the file could not be determined, these fields contain the return and reason codes of the error. In this case, the SMF92APN field will contain the relative path name as entered by the user. SMF92APN is a full path name if SMF92ACWDRC=0.
zAPNL	INT	4	(IBM name: SMF92APNL) The length of the file path name.
zAPN	XVCHAR	0 1024	(IBM name: SMF92APN) The file path name that is the absolute path name as entered by the user or the getcwd value for the current working directory that is concatenated with the relative name that was entered by the user.

Secondary segment: SMF092_S16_Sock_Spec_Closed

Field Name	Type	Len	Description
SMF092_S16_Sock_Spec_Closed.<fieldname>			
zCTO	TSTMP	8	(IBM name: SMF92CTO) Time of open, STCK format.

zCTC	TSTMP	8	(IBM name: SMF92CTC) Time of close, STCK format.
zCTY	INT (ENUM)	1	(IBM name: SMF92CTY) File type as defined in BPXYFTYP.

SMF092_S16_Sock_Spec_Closed.zCFG.<fieldname>

zVNode	BIT	1	Generated by vnode interface service
zNetwork	BIT	1	Network socket (0 indicates UNIX domain socket)
zClient	BIT	1	Client socket (0 indicates server socket)
zCached	BIT	1	File was cached
zDenyRead	BIT	1	File had deny read set on it.
zDenyWrite	BIT	1	File had deny write set on it.

SMF092_S16_Sock_Spec_Closed.<fieldname>

zCTK	HEX	4	(IBM name: SMF92CTK) Open file token.
zCIN	INT	4	(IBM name: SMF92CIN) File serial number (inode).

SMF092_S16_Sock_Spec_Closed.zCDN.<fieldname>

zInvalidStDev	BIT	1	INVALID StDev. ignore
zSocketRange	BIT	1	SOCKET range denotation. ignore Note: Any decimal value of 1,073,741,824 or greater should be ignored.

SMF092_S16_Sock_Spec_Closed.<fieldname>

zCSR	INT	4	(IBM name: SMF92CSR) Read calls issued to the file.
zCSW	INT	4	(IBM name: SMF92CSW) Write calls issued to the file.
zCDI	INT	4	(IBM name: SMF92CDI) Directory I/O blocks.
zCIR	INT	4	(IBM name: SMF92CIR) I/O blocks read.
zCIW	INT	4	(IBM name: SMF92CIW) I/O blocks written.
zCBR	INT	8	(IBM name: SMF92CBR) Bytes read.
zCBW	INT	8	(IBM name: SMF92CBW) Bytes written.
zCPN	CHAR	64	(IBM name: SMF92CPN) The pathname used at open time, if known. If the name is 64 CHARACTERS or longer, the last 64 CHARACTERS of the name. The name is left-justified and padded with blanks. This field is not always present.

Secondary segment: SMF092_S17_Times_Accessed

Field Name	Type	Len	Description
SMF092_S17_Times_Accessed.<fieldname>			
zFAWT	TSTMP	8	(IBM name: SMF92FAWT) This can be the time when the internal file control block is released. If SMF92FAIT is on, denotes SMF interval time.

SMF092_S17_Times_Accessed.zFAFG.<fieldname>			
zInterval	BIT	1	SMF92FAWT is SMF interval time.
SMF092_S17_Times_Accessed.<fieldname>			
zFAIN	INT	4	(IBM name: SMF92FAIN) File serial number (inode).
zADN	INT	4	(IBM name: SMF92ADN) Unique device number.
zFATI	INT	4	(IBM name: SMF92FATI) Total accesses to file during interval.
zFAPN	CHAR	64	(IBM name: SMF92FAPN) Path name, if known.

Secondary segment: SMF092_S50_FileSys_Events

Field Name	Type	Len	Description
SMF092_S50_FileSys_Events.<fieldname>			
zFSN	CHAR	44	(IBM name: SMF92FSN) File system name, blank-padded to 44 CHARACTERS.
zVOL	CHAR	6	(IBM name: SMF92VOL) Volume serial of first extent of file system.
zCCHH	INT	4	(IBM name: SMF92CCHH) CCCCHH of first extent of volume serial for file system.
zEVENT	INT	1	(IBM name: SMF92EVENT) One of the following file system type events: 1 LOGfile recovery of this file system performed at mount or takeover time 2 SUCCESSFULgrow or dynamic grow 3 FAILEDgrow command or dynamic grow 4 THEfile system data set was moved since it was last mounted R/W. 5 SYSPLEXtakeover occurred for the file system. 6 THEfile system was disabled due to zFS assertion. 7 THEfile system was disabled due to I/O error. 8 RESULTSof the online salvage of the file system. 9 THEfile system was shrunk. 10 THEfirst phase of the salvage repair of the file system was completed. 11 THEsecond phase of the salvage repair of the file system was completed. 12 ENCRYPTIOncommand results. 13 DECRYPTIOncommand results. 14 COMPRESSIOncommand results. 15 DECOMPRESSIOncommand results.
zFUT	INT	1	(IBM name: SMF92FUT) Future use.
zSIZ	INT	8	(IBM name: SMF92SIZ) Size field in kilobytes. this is the formatted size of the file system.
zT50	TSTMP	8	(IBM name: SMF92T50) STCKE value for the time of day (GMT) that the event occurred. Chapter 16. SMF records
zCODE	INT	4	(IBM name: SMF92CODE) Error codes for failed operations, depending on event types. 1 RETURNcode from log recovery. 2 NOTused. will be zero. 3 INDICATESwhich grow step failed: 1 EXTENDfailed. 2 FORMAT-WRITEfailed. 3 BITMAPupdate failed. 4 NOTused. will be zero. 5 NOTused. will be zero. 6 HASthe value 2C3 to indicate the abend code issued by zFS. 7 NOTused. will be zero. 8 NUMBERof minor errors found with the aggregate during salvage. 9 NOTused. will be zero. 10 THEerror code, if repair failed. If it is 0, then all errors other than V5 broken directory trees were repaired. 11 THEerror code if the rebuild of V5 directory trees failed. 12,13 Error code for the encrypt or decrypt command processing. 13 THEerror code for the decrypt command processing.
zRSN	INT	4	(IBM name: SMF92RSN) Reason code or additional information for failed operations, depending on event types. 1-2 Not used. will be zero. 3 MEDIAManager or DFSMS return code, if applicable. 4-5 Not used. will be zero. 6 THEzFS abend reason code causing disablement. 7 NOTused. will be zero. 8 NUMBERof

			security-related errors found during salvage verification. 9 N0Tused. will be zero. 10 SETto value 1 IFthere are still V5 directories that need their tree rebuilt, which is the next phase of salvage repair. Otherwise, it is set to 0. 11 ISset to value 1 IFthere are still some V5 directories that require rebuilding of the tree. Otherwise, it is set to 0. 12,13 The percentage of the file system that was left encrypted, in case the commands were interrupted. It is 0 IFnot encrypted, 100 IFfully encrypted, and between 0 AND100 IFpartially encrypted state left to interruption or another error.
zOVS	CHAR	6	(IBM name: SMF92OVS) Prior volume serial. completed only for event type 4. 824 Z/0SMVS System Management Facilities (SMF)
zOCH	INT	4	(IBM name: SMF92OCH) CCCCHH of prior volume serial. completed only for event type 4. Otherwise, zero. The following fields are completed only for event type 1.
zLRT	INT	4	(IBM name: SMF92LRT) Log file recovery time in milliseconds.
zLRP	INT	4	(IBM name: SMF92LRP) Number of log pages processed.
zLRR	INT	4	(IBM name: SMF92LRR) Number of log records processed.
zLRD	INT	4	(IBM name: SMF92LRD) Number of log blocks modified.
zLRE	INT	4	(IBM name: SMF92LRE) Number of redo data records processed.
zLRF	INT	4	(IBM name: SMF92LRF) Number of fill records processed.
zLRN	INT	4	(IBM name: SMF92LRN) Number of new block security records processed. The following fields are used for all event types.
zSYS	CHAR	8	(IBM name: SMF92SYS) Name of system reporting event.

Secondary segment: SMF092_S51_zFS_Response_Times

Field Name	Type	Len	Description
<i>SMF092_S51_zFS_Response_Times.<fieldname></i>			
zCCT	TSTMP	8	(IBM name: SMF92CCT) STCKE of time that counts were last recorded.
zCCC	INT	4	(IBM name: SMF92CCC) Number of calls in the call-section area.
zCCL	INT	4	(IBM name: SMF92CCL) Length of each call count record. Call section area number of calls recorded determined by SMF92CCC

Secondary segment: SMF092_S51_zFS_Response_Times_Call

Field Name	Type	Len	Description
<i>SMF092_S51_zFS_Response_Times_Call.<fieldname></i>			
zVCC	INT	8	(IBM name: SMF92VCC) Count of calls made to file systems owned locally or R/O file systems.
zVCX	INT	8	(IBM name: SMF92VCX) Count of calls that required a transmit to another sysplex member to complete for locally-owned file systems.
zVCR	INT	8	

			(IBM name: SMF92VCR) Count of calls made to file systems owned remotely from this member.
zVCRX	INT	8	(IBM name: SMF92VCRX) Count of calls that required a transmit to another sysplex member to complete for remotely-owned file systems.
zVCT	INT	4	(IBM name: SMF92VCT) Average number of microseconds per call for locally-owned file systems.
zVCRT	INT	4	(IBM name: SMF92VCRT) Average number of microseconds per call for remotely-owned file systems. Chapter 16. SMF records
zVCN	CHAR	52	(IBM name: SMF92VCN) Name of call. will be one of the following and will occur in this order in the record buffer: v zfs_opens v zfs_closes v zfs_reads v zfs_writes v zfs_ioctls v zfs_fileinfos v zfs_converts v zfs_getattrs v zfs_setattrs v zfs_accesses v zfs_lookups v zfs_creates v zfs_removes v zfs_links v zfs_renames v zfs_mkdirs v zfs_rmdir v zfs-readdir v zfs_symlinks v zfs_readlinks v zfs_fsyncs v zfs_inactivates v zfs_setaccls v zfs_getaccls v zfs_truncs v zfs_recoveries v zfs_audits v zfs_pfsctls v zfs_setatfss v zfs_vgets v zfs_unmounts v zfs_vinacts v zfs_syncs v zfs_clones v zfs_declones

Secondary segment: SMF092_S52_zFS_File_Cache

Field Name	Type	Len	Description
<i>SMF092_S52_zFS_File_Cache.<fieldname></i>			
zUCT	TSTMP	8	(IBM name: SMF92UCT) STCKE value of time statistics were last recorded in SMF.
zUCSCH	INT	8	(IBM name: SMF92UCSCH) Number of times the dirty data for a file was scheduled for writing to disk.
zUCSET	INT	8	(IBM name: SMF92UCSET) Number of calls to change attributes (particularly of interest to the user cache is changes to file size) of a file.
zUCFSY	INT	8	(IBM name: SMF92UCFSY) Number of calls to sync all dirty data for a file to disk (and sync implies waiting for all pending I/O).
zUCUNM	INT	8	(IBM name: SMF92UCUNM) Number of calls to purge user cache of data for a file due to unlink resulting in a link count of zero.
zUCRD	INT	8	(IBM name: SMF92UCRD) Number of times a call was made to read data from a file in the user cache.
zUCRDA	INT	8	(IBM name: SMF92UCRDA) Number of async read-aheads that are scheduled for files that zFS considers are being accessed sequentially by the applications on the system.
zUCWR	INT	8	(IBM name: SMF92UCWR) Number of times a call was made to write data to a file in the user file cache. 826 Z/OSMVS System Management Facilities (SMF)
zUCGET	INT	8	(IBM name: SMF92UCGET) Number of times user file cache called to obtain attributes of a file (user cache controls lengths of files).
zUCFL	INT	8	(IBM name: SMF92UCFL) Number of times user file cache called to flush all data for a file system.
zUCDEL	INT	8	(IBM name: SMF92UCDEL) Number of times a write of dirty data was avoided because the file has become link count and open count zero.
zUCRDF	INT	8	(IBM name: SMF92UCRDF) Number of times a read call to the user file cache found that the data was not present in the cache (a cache miss).
zUCWRF	INT	8	

			(IBM name: SMF92UCWRF) Number of times a write call (which is updating existing regions of a file) to the user file cache found the data was not present in the cache (a cache miss).
zUCRIO	INT	8	(IBM name: SMF92UCRIO) Number of read I/Os made to disk on behalf of user file cache.
zUCWRS	INT	8	(IBM name: SMF92UCWRS) Number of normal write I/Os scheduled by the user file cache (due to file close or sync daemon).
zUCWRE	INT	8	(IBM name: SMF92UCWRE) Number of write I/Os scheduled by the user file cache when an error was found with the file.
zUCWRR	INT	8	(IBM name: SMF92UCWRR) Number of write I/Os scheduled by the user file cache due to reclaim-steal processing during a cache miss.
zUCRWR	INT	8	(IBM name: SMF92UCRWR) Number of times a task waited for I/O that was scheduled to read in data from disk for a file.
zUCWW	INT	8	(IBM name: SMF92UCWW) Number of times a write to a portion of a file had to wait for I/O because the portion of that file was pending I/O to or from disk.
zUCWWF	INT	8	(IBM name: SMF92UCWWF) Number of times a task had to wait for pending I/O for fsync calls.
zUCWWE	INT	8	(IBM name: SMF92UCWWE) Number of times a task had to wait for I/O when performing error processing for a file.
zUCWWR	INT	8	(IBM name: SMF92UCWWR) Number of times a task had to wait for I/O when performing reclaim-steal processing for a file.
zUCRST	INT	8	(IBM name: SMF92UCRST) Number of times reclaim-steal processing was invoked.
zUCCS	INT	4	(IBM name: SMF92UCCS) Number of caches spaces (hence LRU queues and page pools) in the user file cache. Also, the number of per-cache space records in the cache space section.
zUCPCS	INT	4	(IBM name: SMF92UCPCS) Number of pages in each cache space.
zUCSS	INT	4	(IBM name: SMF92UCSS) Size of an individual file segment.
zUCPGS	INT	4	(IBM name: SMF92UCPGS) Size of a page in the user file cache.
zUCPGT	INT	4	(IBM name: SMF92UCPGT) Total number of pages in the user file cache (this is SMF92UCPCS * SMF92UCCS).
zUCPGF	INT	4	(IBM name: SMF92UCPGF) Number of free pages (not assigned to a file) in the user file cache.
zUCSGC	INT	4	(IBM name: SMF92UCSGC) Number of allocated SEGMENT structures in the user file cache.
zUCDSL	INT	4	(IBM name: SMF92UCDSL) Length of each per-cache space record. Cache space section. SMF92UCCS is the number of the entries, SMF92UCDSL is the length of each of these entries.

Secondary segment: SMF092_S52_zFS_File_Cache_Cache

Field Name	Type	Len	Description
SMF092_S52_zFS_File_Cache_Cache.<fieldname>			

zDSNAM	CHAR	8	(IBM name: SMF92DSNAM) Name of the cache space.
zDSAS	INT	4	(IBM name: SMF92DSAS) Number of segments allocated to the cache space.
zDSFR	INT	4	(IBM name: SMF92DSFR) Number of free pages in the cache space free list. Chapter 16. SMF records

Secondary segment: SMF092_S53_zFS_Metadata_Cache

Field Name	Type	Len	Description
<i>SMF092_S53_zFS_Metadata_Cache.<fieldname></i>			
zMCT	TSTMP	8	(IBM name: SMF92MCT) STCKE value of time statistics for the metadata cache that were last recorded in SMF.
zMCB	INT	8	(IBM name: SMF92MCB) Number of buffers in the metadata cache.
zMCLK	INT	8	(IBM name: SMF92MCLK) Number of calls to search for a buffer in the metadata cache.
zMCHT	INT	8	(IBM name: SMF92MCHT) Number of search calls that already found the buffer in the cache (cache hits).
zMCWP	INT	8	(IBM name: SMF92MCWP) Number of calls to update a metadata cache buffer.
zMCPW	INT	8	(IBM name: SMF92MCPW) Number of partial buffers written (less than one buffer).
zMCBS	INT	4	(IBM name: SMF92MCBS) Number of bytes in a metadata cache buffer.

Secondary segment: SMF092_S54_zFS_Locking_Sleeps

Field Name	Type	Len	Description
<i>SMF092_S54_zFS_Locking_Sleeps.<fieldname></i>			
zLKT	TSTMP	8	(IBM name: SMF92LKT) STCKE value of time locking statistics were last recorded in SMF.
zLKUTS	INT	8	(IBM name: SMF92LKUTS) Number of untimed sleeps.
zLKTS	HEX	8	(IBM name: SMF92LKTS) Number of timed sleep calls (those whose sleep time is measured).
zLKWK	INT	8	(IBM name: SMF92LKWK) Number of wakeup calls.
zLKWT	INT	8	(IBM name: SMF92LKWT) Number of lock waits.
zLKWTT	HEX	8	(IBM name: SMF92LKWTT) Average wait time in microseconds of a lock wait (this means a task was put into a wait state while waiting for a lock).
zLKTST	INT	8	(IBM name: SMF92LKTST) Number of lock contentions of any kind. (zFS has three methods of resolving lock contention.)
zLKLLL	INT	2	(IBM name: SMF92LKLLL) Length of a lock contention record.
zLKLLC	INT	2	

			(IBM name: SMF92LKLLC) Number of lock contention records that follow this record. A lock contention record indicates the contentions on a specific lock with the SMF92LKLLC most heavily contended locks listed.
zLKSLC	INT	2	(IBM name: SMF92LKSLC) Number of sleep contention records (the most frequent SMF92LKSLC sleeps are listed). Lock contention records: SMF92LKLC indicates how many of these follow here.

Secondary segment: SMF092_S54_zFS_Locking_Sleeps_LockCont

Field Name	Type	Len	Description
<i>SMF092_S54_zFS_Locking_Sleeps_LockCont.<fieldname></i>			
zLLWT	INT	8	(IBM name: SMF92LLWT) Number of times contention required a thread wait for this lock.
zLLASY	INT	8	(IBM name: SMF92LLASY) Number of times contention was resolved using asynchronous dispatch of work.
zLLSPN	INT	8	(IBM name: SMF92LLSPN) Number of times contention was resolved via short (bounded) spin loop.
zLLPCT	INT	4	(IBM name: SMF92LLPCT) Fraction of all lock-waits that were for this specific lock represented in thousandths. Divide this number by 1000 T0obtain a percentage with three decimal points 828 Z/OSMVS System Management Facilities (SMF)
zLLDS	CHAR	84	(IBM name: SMF92LLDS) String that describes the lock that is being contended on. Blank-padded. Sleep contention records: SMF92LKSLC indicates how many of these follow here.

Secondary segment: SMF092_S54_zFS_Locking_Sleeps_SleepCont

Field Name	Type	Len	Description
<i>SMF092_S54_zFS_Locking_Sleeps_SleepCont.<fieldname></i>			
zSLCT	INT	8	(IBM name: SMF92SLCT) Count of indicated sleeps.
zSLPCT	INT	4	(IBM name: SMF92SLPCT) Fraction of all sleeps that were for this particular reason. Divide this number by 1000 T0obtain a percentage with three decimal point precision.
zSLDS	CHAR	84	(IBM name: SMF92SLDS) String that describes the sleep (the reason the task was put to sleep). Blank-padded.

Secondary segment: SMF092_S55_zFS_Disk_IO

Field Name	Type	Len	Description
<i>SMF092_S55_zFS_Disk_IO.<fieldname></i>			
zIOT	TSTMP	8	(IBM name: SMF92IOT) STCKE value of time I/O statistics were last recorded in SMF.
zIORD	INT	8	

			(IBM name: SMF92IORD) Number of read disk I/Os initiated.
zLOWR	INT	8	(IBM name: SMF92IOWR) Number of write disk I/Os initiated.
zIORDB	INT	8	(IBM name: SMF92IORDB) Number of bytes read from disk since last recording.
zLOWRB	INT	8	(IBM name: SMF92IOWRB) Number of bytes written to disk since last recording.
zLIOWT	INT	8	(IBM name: SMF92LIOWT) Number of times a task is made to wait for a pending I/O.
zIOWTT	HEX	8	(IBM name: SMF92IOWTT) Average time in microseconds for a disk I/O wait (this is the amount of time a task waits in zFS for an I/O to complete. It is affected by DASD response time but is not DASD response time).
zIOUC	INT	8	(IBM name: SMF92IOUC) User cache I/Os initiated.
zIOUCM	INT	8	(IBM name: SMF92IOUCM) User cache I/Os merged.
zIOUCC	INT	8	(IBM name: SMF92IOUCC) User cache I/Os canceled.
zIOMC	INT	8	(IBM name: SMF92IOMC) Metadata cache I/Os initiated.
zIOMCM	INT	8	(IBM name: SMF92IOMCM) Metadata cache I/Os merged.
zIOMCC	INT	8	(IBM name: SMF92IOMCC) Metadata cache I/Os canceled.
zIOLC	INT	8	(IBM name: SMF92IOLC) Log cache I/Os initiated.
zIOLCM	INT	8	(IBM name: SMF92IOLCM) Log cache I/Os merged.
zIOLCC	INT	8	(IBM name: SMF92IOLCC) Log cache I/Os canceled.
zIOCCT	INT	2	(IBM name: SMF92IOCCT) Number of I/O circumstance records that follow.
zIOCCL	INT	2	(IBM name: SMF92IOCCL) Length of each I/O circumstance record that follows. I/O circumstance records: SMF92IOCCT indicates how many of these follow here. These count the number of times zFS performs an I/O for a given reason and indicate why zFS is issuing disk I/O.

Secondary segment: SMF092_S55_zFS_Disk_IO_loCirc

Field Name	Type	Len	Description
SMF092_S55_zFS_Disk_IO_loCirc.<fieldname>			
zICCT	INT	8	(IBM name: SMF92ICCT) Number of times and I/O performed for this circumstance.
zICWT	INT	8	(IBM name: SMF92ICWT) Number of times a task waited for I/O performed for this circumstance.
zICC	INT	8	(IBM name: SMF92ICC) Number of times an I/O was canceled for this circumstance.
zICM	INT	8	(IBM name: SMF92ICM) Number of times an I/O was merged for this circumstance. Chapter 16. SMF records
zICD	CHAR	54	(IBM name: SMF92ICD) String that describes the circumstance, blank-padded. Will be one of the

			following, and in this order for version 1 STATISTICS:v Metadata cache read miss v User cache read v Log file read v Metadata cache asynchronous delete v Metadata cache asynchronous write v Metadata cache lazy write v Metadata cache synchronous delete v User cache write v Metadata cache fsync write v Metadata cache sync daemon write v Metadata cache file system unmount write v Metadata cache buffer reclaim-steal write v Metadata cache buffer allocation write v Metadata cache quiesce write v Metadata cache buffer written due to full log file v Log file write v File system format write
--	--	--	--

Secondary segment: SMF092_S56_TokManager

Field Name	Type	Len	Description
<i>SMF092_S56_TokManager.<fieldname></i>			
zTMT	TSTMP	8	(IBM name: SMF92TMT) STCKE value of time that tkm statistics were last recorded in SMF.
zTMMX	HEX	8	(IBM name: SMF92TMMX) Maximum number of tokens allowed for sysplex locking.
zTMAL	HEX	8	(IBM name: SMF92TMAL) Number of tokens currently allocated.
zTMUS	HEX	8	(IBM name: SMF92TMUS) Number of tokens in use.
zTMFL	INT	8	(IBM name: SMF92TMFL) Number of file structures allocated.
zTMOB	HEX	8	(IBM name: SMF92TMOB) Number of token obtains.
zTMRT	HEX	8	(IBM name: SMF92TMRT) Number of token returns.
zTMRV	HEX	8	(IBM name: SMF92TMRV) Number of token revokes.
zTMAG	INT	8	(IBM name: SMF92TMAG) Number of async grants.
zTMGC	INT	8	(IBM name: SMF92TMGC) Number of garbage collections.
zTMTH	INT	8	(IBM name: SMF92TMTH) Number of thrashing files.
zTMTR	INT	8	(IBM name: SMF92TMTR) Number of thrash resolutions performed.
zTMSYC	INT	2	(IBM name: SMF92TMSYC) Number of systems in the per-system monitoring section.
zTMSYL	INT	2	(IBM name: SMF92TMSYL) Length of each record in the per-system monitoring section.
zTMTHC	INT	2	(IBM name: SMF92TMTHC) Number of records in the thrashing files section.
zTMTHL	HEX	2	(IBM name: SMF92TMTHL) Length of each record in the thrashing files section. Per-system token usage records: SMF92TMSYC indicates how many of these follow here.

Secondary segment: SMF092_S56_TokManager_SysTok

Field Name	Type	Len	Description
<i>SMF092_S56_TokManager_SysTok.<fieldname></i>			
zSUNAME	CHAR	8	

			(IBM name: SMF92SUNAME) Name of system, blank-padded.
zSUTK	HEX	8	(IBM name: SMF92SUTK) Number of tokens held by this system.
zSUOB	HEX	8	(IBM name: SMF92SUOB) Number of token obtains by this system.
zSURT	HEX	8	(IBM name: SMF92SURT) Number of token returns from this system. 830 Z/OSMVS System Management Facilities (SMF)
zSURV	HEX	8	(IBM name: SMF92SURV) Number of tokens revoked from this system.
zSUAG	HEX	8	(IBM name: SMF92SUAG) Number of async grants of tokens to this system. Thrashing file records: SMF92TMTHC indicates how many of those follow here.

Secondary segment: SMF092_S56_TokManager_Thrash

Field Name	Type	Len	Description
<i>SMF092_S56_TokManager_Thrash.<fieldname></i>			
zTHIN	INT	4	(IBM name: SMF92THIN) Inode number of thrashing file.
zTHUN	INT	4	(IBM name: SMF92THUN) Uniquifier of thrashing file.
zTHM	CHAR	45	(IBM name: SMF92THM) Name of file system, blank-padded.
zTHRS	INT	3	(IBM name: SMF92THRS) Reserved for future use.

Secondary segment: SMF092_S57_zFS_Memory

Field Name	Type	Len	Description
<i>SMF092_S57_zFS_Memory.<fieldname></i>			
zSTTT	TSTMP	8	(IBM name: SMF92STTT) STCKE value of time that storage statistics were last recorded in SMF.
zSTTAB	INT	8	(IBM name: SMF92STTAB) Total memory allocated to zFS above the bar. This is the address space that zFS resides in. If zFS is in the z/OS UNIX address space, then this is the total above the bar for both zFS and z/OS UNIX.
zTTBB	INT	8	(IBM name: SMF92TTBB) Total memory allocated to zFS below the bar. This is the address space that zFS resides in. If zFS is in the z/OS UNIX address space, then this is the total below the bar for both zFS and z/OS UNIX.
zTHAA	INT	8	(IBM name: SMF92THAA) Number of bytes allocated to zFS heap above the bar.
zTHAB	INT	8	(IBM name: SMF92THAB) Number of bytes allocated to zFS heap below the bar.
zTHPA	INT	8	(IBM name: SMF92THPA) Number of pieces of memory allocated from heap above the bar.
zTHPB	INT	8	(IBM name: SMF92THPB) Number of pieces of memory allocated from heap below the bar.
zTHARA	INT	8	(IBM name: SMF92THARA) Number of allocation requests for heap above the bar.

zTHBA	INT	8	(IBM name: SMF92THBA) Number of allocation requests for heap below the bar.
zTHAR	INT	8	(IBM name: SMF92THAR) Number of deallocation requests for heap above the bar.
zTHBR	INT	8	(IBM name: SMF92THBR) Number of deallocation requests for heap below the bar.
zSTHCC	INT	2	(IBM name: SMF92STHCC) Number of subcomponent records that follow.
zSTHCL	INT	2	(IBM name: SMF92STHCL) Length of each subcomponent record that follows. Subcomponent storage usage records: SMF92STHCC indicates how many of these follow here.

Secondary segment: SMF092_S57_zFS_Memory_SubComp

Field Name	Type	Len	Description
<i>SMF092_S57_zFS_Memory_SubComp.<fieldname></i>			
zHCTA	INT	8	(IBM name: SMF92HCTA) Number of bytes allocated to subcomponent above the bar.
zHCTB	INT	8	(IBM name: SMF92HCTB) Number of bytes allocated to subcomponent below the bar.
zHCPA	INT	8	(IBM name: SMF92HCPA) Number of memory pieces allocated to subcomponent above the bar.
zHCPB	INT	8	(IBM name: SMF92HCPB) Number of memory pieces allocated to subcomponent below the bar.
zHCAA	INT	8	(IBM name: SMF92HCAA) Number of allocation requests for above-the-bar storage from this subcomponent.
zHCAB	INT	8	(IBM name: SMF92HCAB) Number of allocation requests for below-the-bar storage for this subcomponent.
zHCFA	INT	8	(IBM name: SMF92HCFA) Number of deallocation requests for above-the-bar storage for this subcomponent. Chapter 16. SMF records
zHCFB	INT	8	(IBM name: SMF92HCFB) Number of deallocation requests for below-the-bar storage for this subcomponent.
zHCDS	CHAR	84	(IBM name: SMF92HCDS) Name of subcomponent, padded with blanks.

Secondary segment: SMF092_S58_Transmit_Receive

Field Name	Type	Len	Description
<i>SMF092_S58_Transmit_Receive.<fieldname></i>			
zTRT	TSTMP	8	(IBM name: SMF92TRT) STCKE value of time transmit/receive statistics were last recorded in SMF.
zTRC	INT	2	(IBM name: SMF92TRC) Number of transmit/receive records that follow.
zTRL	INT	2	(IBM name: SMF92TRL) Length of each transmit/receive records that follow. Per-system transmit/receive records: SMF92TRC indicates how many of these follow here.

Secondary segment: SMF092_S58_Transmit_Receive_TR

Field Name	Type	Len	Description
<i>SMF092_S58_Transmit_Receive_TR.<fieldname></i>			
zTRTC	INT	8	(IBM name: SMF92TRTC) Number of file protocol transmits to indicated system.
zTRRC	INT	8	(IBM name: SMF92TRRC) Number of file protocol messages received from indicated system.
zTRTQ	INT	8	(IBM name: SMF92TRTQ) Number of incoming file protocol messages that required queuing because all processing tasks were busy.
zTRTW	HEX	8	(IBM name: SMF92TRTW) Average time in microseconds that it took for the transmit to complete. This is the response time of the request to the remote member.
zTRRW	HEX	8	(IBM name: SMF92TRRW) Average time in microseconds that it took zFS to process the incoming message.
zTRSN	CHAR	52	(IBM name: SMF92TRSN) Name of system, blank-padded.

Secondary segment: SMF092_S59_Per_File_System_Usage

Field Name	Type	Len	Description
<i>SMF092_S59_Per_File_System_Usage.<fieldname></i>			
zFST	TSTMP	8	(IBM name: SMF92FST) STCKE value of time that file system statistics were last recorded in SMF for this file system.
zFSVN	INT	8	(IBM name: SMF92FSVN) Number of vnodes in memory for this file system.
zFSVU	INT	8	(IBM name: SMF92FSVU) Number of vnodes held by z/OS UNIX for this file system.
zFSOP	INT	8	(IBM name: SMF92FSOP) Number of open files for this file system.
zFSUS	INT	8	(IBM name: SMF92FSUS) Number of pages in the user file cache for this file system.
zFSMT	INT	8	(IBM name: SMF92FSMT) Number of pages in the metacache for this file system.
zFSAR	INT	4	(IBM name: SMF92FSAR) Number of application read requests to this file system. A read is any operation that does not change file or directory contents.
zFSRR	HEX	8	(IBM name: SMF92FSRR) Average read response time in microseconds for requests to this file system.
zFSAW	INT	8	(IBM name: SMF92FSAW) Number of application write requests to this file system. A write is any operation that changes file or directory contents.
zFSWR	HEX	8	(IBM name: SMF92FSWR) Average write response time in microseconds for requests to this file system. 832 Z/OSMVS System Management Facilities (SMF)
zFSXR	INT	8	(IBM name: SMF92FSXR) Number of read messages sent to an owner system for this file system. 0 IFthis system is the owner.
zFSXW	INT	8	(IBM name: SMF92FSXW) Number of write messages sent to an owner system for this file system. 0 IFthis system is the owner.

zFSXRR	HEX	8	(IBM name: SMF92FSXRR) Average response time in microseconds of read requests sent to owner.
zFSXWR	HEX	8	(IBM name: SMF92FSXWR) Average response time in microseconds of write requests sent to owner.
zFSES	INT	8	(IBM name: SMF92FSES) Number of requests that received an out-of-space condition in this file system.
zFSIO	INT	8	(IBM name: SMF92FSIO) Number of requests receiving disk I/O errors for requests to this file system.
zFSCM	HEX	8	(IBM name: SMF92FSCM) Number of XCF communication failures or time-outs for messages sent to owner for this file system.
zFSCA	INT	8	(IBM name: SMF92FSCA) Number of times a user application task was asynchronously abended while running code in zFS for this file system.
zFSMN	TSTMP	8	(IBM name: SMF92FSMN) STCK time of mount of file system.
zFSDD	CHAR	8	(IBM name: SMF92FSDD) DDNAME of allocation of file system data set, blank-padded.
zFSTK	HEX	8	(IBM name: SMF92FSTK) Number of sysplex tokens in memory for this file system.
zFSDR	INT	8	(IBM name: SMF92FSDR) Number of read I/Os made to disk for this file system.
zFSDRB	INT	8	(IBM name: SMF92FSDRB) Number of bytes read from disk for this file system.
zFSDW	INT	8	(IBM name: SMF92FSDW) Number of write I/Os made to disk for this file system.
zFSDWB	INT	8	(IBM name: SMF92FSDWB) Number of bytes written to disk for this file system.
zFSDWC	INT	8	(IBM name: SMF92FSDWC) Number of times a task had to wait on a disk I/O for this file system.
zFSDWT	HEX	8	(IBM name: SMF92FSDWT) Average wait time for tasks that had to wait on disk I/O for this file system.
zFSNM	CHAR	45	(IBM name: SMF92FSNM) File system name, blank-padded.
zFSRS	INT	3	(IBM name: SMF92FSRS) Reserved. will be zeros.

Record Type 94 - Tape Library

SMF Record 94 (Tape Library) has 2 subtypes, each mapped by a structure member name of the format "T094STnn".

Record Type 94 Subtype 1 - 34xx Library Statistics

Primary Segment:

- SMF094#01_Tape_Lib

Secondary Segment(s): 13 (in alphabetical order)

- SMF094#01_Array_Data
- SMF094#01_Audit
- SMF094#01_Demount
- SMF094#01_Eject
- SMF094#01_Format
- SMF094#01_Import_Export
- SMF094#01_Insert
- SMF094#01_Mount
- SMF094#01_Product
- SMF094#01_Self_Desc
- SMF094#01_Self_Managed
- SMF094#01_VTS
- SMF094#01_VTS_Enhanced_Lib

Primary segment: SMF094#01_Tape_Lib

Field Name	Type	Len	Description
SMF094#01_Tape_Lib.<fieldname>			
SMF094#01_Tape_Lib.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF94FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators* 7 RESERVED. *See 'Standard and Extended SMF record headers' on page 174 F0R a detailed description.
zRTY	INT	1	(IBM name: SMF94RTY) Record type 94 (X'5E').
zTME	TSTMP	8	(IBM name: SMF94TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF94SID) System identification (from SMFPRMxx parmlib member).
zWID	CHAR	4	(IBM name: SMF94WID) Subsystem identification, worktype indicator.
zSTY	INT	2	(IBM name: SMF94STP) Record SubType '01' - 34xx library statistics. '02' - Volume pooling statistics
zSDL	INT	4	(IBM name: SMF94SDL) Self-defining section length.
zPOF	INT	4	(IBM name: SMF94POF) Offset to product section from start of record, including record descriptor word (RDW).
zPLN	INT	2	(IBM name: SMF94PLN) Length of product section.
zPON	INT	2	(IBM name: SMF94PON) Number of product sections.
zHOF	INT	4	(IBM name: SMF94HOF) Offset to format section from start of record, including record descriptor word (RDW).
zHLN	INT	2	

			(IBM name: SMF94HLN) Length of format section.
zHON	INT	2	(IBM name: SMF94HON) Number of format sections.
zSOF	INT	4	(IBM name: SMF94SOF) Offset to self-description information section from start of record, including record descriptor word (RDW).
zSLN	INT	2	(IBM name: SMF94SLN) Length of self-description information section.
zSON	INT	2	(IBM name: SMF94SON) Number of self-description information sections.
zLOF	INT	4	(IBM name: SMF94LOF) Offset to system-managed tape library statistics section from start of record, including record descriptor word (RDW).
zLLN	INT	2	(IBM name: SMF94LLN) Length of system-managed tape library statistics section.
zLON	INT	2	(IBM name: SMF94LON) Number of system-managed tape library statistics sections.
zMOF	INT	4	(IBM name: SMF94MOF) Offset to mount statistics section from start of record, including record descriptor word (RDW).
zMLN	INT	2	(IBM name: SMF94MLN) Length of mount statistics section.
zMON	INT	2	(IBM name: SMF94MON) Number of mount statistics sections.
zDOF	INT	4	(IBM name: SMF94DOF) Offset to demount statistics section from start of record, including record descriptor word (RDW).
zDLN	INT	2	(IBM name: SMF94DLN) Length of demount statistics section.
zDON	INT	2	(IBM name: SMF94DON) Number of demount statistics sections.
zEOF	INT	4	(IBM name: SMF94EOF) Offset to eject statistics section from start of record, including record descriptor word (RDW).
zELN	INT	2	(IBM name: SMF94ELN) Length of eject statistics section.
zEON	INT	2	(IBM name: SMF94EON) Number of eject statistics sections.
zAOF	INT	4	(IBM name: SMF94AOF) Offset to audit statistics section from start of record, including record descriptor word (RDW).
zALN	INT	2	(IBM name: SMF94ALN) Length of audit statistics section.
zAON	INT	2	(IBM name: SMF94AON) Number of audit statistics sections.
zIOF	INT	4	(IBM name: SMF94IOF) Offset to input statistics section from start of record, including record descriptor word (RDW).
zILN	INT	2	(IBM name: SMF94ILN) Length of input statistics section.
zION	INT	2	(IBM name: SMF94ION) Number of input statistics sections.
zVOF	INT	4	(IBM name: SMF94VOF) Offset to VTS statistics
zVLN	INT	2	(IBM name: SMF94VLN) Length of VTS statistics
zVON	INT	2	

			(IBM name: SMF94VON) Number of VTS statistics
zXOF	INT	4	(IBM name: SMF94XOF) Offset to import/export statistics
zXLN	INT	2	(IBM name: SMF94XLN) Length of import/export statistics
zXON	INT	2	(IBM name: SMF94XON) Number of import/export statistics
z2OF	INT	4	(IBM name: SMF942OF) Offset to VTS enhanced library statistics
z2LN	INT	2	(IBM name: SMF942LN) Length of VTS enhanced library statistics
z2ON	INT	2	(IBM name: SMF942ON) Number of VTS enhanced library statistics

Secondary segment: SMF094#01_Product

Field Name	Type	Len	Description
<i>SMF094#01_Product.<fieldname></i>			
zTYP	INT	2	(IBM name: SMF94TYP) SubType for type 94 RECORD.
zRVN	CHAR	2	(IBM name: SMF94RVN) Record version number 'C'01'.
zPNM	CHAR	8	(IBM name: SMF94PNM) Product name 'JDZ1110'.
zMVS	CHAR	8	(IBM name: SMF94MVS) MVS operating system name.

Secondary segment: SMF094#01_Format

Field Name	Type	Len	Description
<i>SMF094#01_Format.<fieldname></i>			
zHSF	INT	1	(IBM name: SMF94HSF) Statistics format. Always equals zero.
zHHI	INT	2	(IBM name: SMF94HHI) Hour index. Incremented every hour. Value ranges from 0 TO 23.

Secondary segment: SMF094#01_Self_Desc

Field Name	Type	Len	Description
<i>SMF094#01_Self_Desc.<fieldname></i>			
zSLT	CHAR	6	(IBM name: SMF94SLT) System-managed tape library type number. For example, '003495' represents the IBM 3495 TAPE Library Dataserver.
zSLM	CHAR	3	(IBM name: SMF94SLM) System-managed tape library model number. For example, 'L30' represents model L30.
zSMA	CHAR	3	(IBM name: SMF94SMA) System-managed tape library manufacturer. Always equals 'IBM'.

zSPL	CHAR	2	(IBM name: SMF94SPL) System-managed tape library plant of manufacture. For example, '13' represents San Jose, California, and '77' represents Valencia, Spain.
zSNO	CHAR	12	(IBM name: SMF94SNO) System-managed tape library sequence number. Uniquely identifies a system-managed tape library.

Secondary segment: **SMF094#01_Self_Managed**

Field Name	Type	Len	Description
<i>SMF094#01_Self_Managed.<fieldname></i>			
zLID	INT	2	(IBM name: SMF94LID) Number of drives currently installed in a system-managed tape library.
zLMD	INT	2	(IBM name: SMF94LMD) Number of drives currently mounted in a system-managed tape library.
zLM1	INT	2	(IBM name: SMF94LM1) Maximum number of drives mounted during the last hour.
zLM2	INT	2	(IBM name: SMF94LM2) Minimum number of drives mounted during the last hour.
zLM3	INT	2	(IBM name: SMF94LM3) Average number of drives mounted during the last hour.
zLT1	INT	2	(IBM name: SMF94LT1) Maximum amount of time, in seconds, that a tape volume was mounted on a drive during the last hour. The mount time of a volume is the time when the system completed mounting a volume on a drive until the time when the system-managed tape library receives an order from the host to demount the volume.
zLT2	INT	2	(IBM name: SMF94LT2) Minimum amount of time, in seconds, that a tape volume was mounted on a drive during the last hour. The mount time of a volume is the time when the system completed mounting a volume on a drive until the time when the system-managed tape library receives an order from the host to demount the volume.
zLT3	INT	2	(IBM name: SMF94LT3) Average amount of time, in seconds, that all tape volumes were mounted on drives during the last hour. The mount time of a volume is the time when the system completed mounting a volume on a drive until the time when the system-managed tape library receives an order from the host to demount the volume.

Secondary segment: **SMF094#01_Mount**

Field Name	Type	Len	Description
<i>SMF094#01_Mount.<fieldname></i>			
zMPR	INT	2	(IBM name: SMF94MPR) The total number of mount requests currently pending.
zMP1	INT	2	(IBM name: SMF94MP1) Maximum number of mount requests pending during the last hour.
zMP2	INT	2	(IBM name: SMF94MP2) Minimum number of mount requests pending during the last hour.
zMP3	INT	2	(IBM name: SMF94MP3) Average number of mount requests pending during the last hour.
zMTO	INT	2	(IBM name: SMF94MTO) Total number of mounts during the last hour.
zMIN	INT	2	

			(IBM name: SMF94MIN) Index mounts during the last hour. An index mount is a mount accomplished using the automatic cartridge loader of a 3490 TAPE drive.
zMPM	INT	2	(IBM name: SMF94MPM) Pre-mounts during last hour. A single pre-mount operation causes a volume to be added to the automatic cartridge loader of a 3490 TAPE drive.
zMT1	INT	2	(IBM name: SMF94MT1) Maximum amount of time, in seconds, required to perform any single mount operation during the last hour.
zMT2	INT	2	(IBM name: SMF94MT2) Minimum amount of time, in seconds, required to perform any single mount operation during the last hour.
zMT3	INT	2	(IBM name: SMF94MT3) Average amount of time, in seconds, required to perform a single mount operation during the last hour.

Secondary segment: **SMF094#01_Demount**

Field Name	Type	Len	Description
<i>SMF094#01_Demount.<fieldname></i>			
zDPR	INT	2	(IBM name: SMF94DPR) The total number of demount requests currently pending.
zDP1	INT	2	(IBM name: SMF94DP1) Maximum number of demount requests pending during the last hour.
zDP2	INT	2	(IBM name: SMF94DP2) Minimum number of demount requests pending during the last hour.
zDP3	INT	2	(IBM name: SMF94DP3) Average number of demount requests pending during the last hour.
zDTO	INT	2	(IBM name: SMF94DTO) Total number of demounts during the last hour.
zDIN	INT	2	(IBM name: SMF94DIN) Index demounts during the last hour. An index demount moves a volume from the feed station to the output stack of the automatic cartridge loader of a 3490 TAPE drive.
zDPM	INT	2	(IBM name: SMF94DPM) Post-demounts during the last hour. A post-demount operation moves a volume from the output stack of the automatic cartridge loader of a 3490 TAPE drive.
zDT1	INT	2	(IBM name: SMF94DT1) Maximum amount of time, in seconds, required to perform any single demount operation during the last hour.
zDT2	INT	2	(IBM name: SMF94DT2) Minimum amount of time, in seconds, required to perform any single demount operation during the last hour.
zDT3	INT	2	(IBM name: SMF94DT3) Average amount of time, in seconds, required to perform a single demount operation during the last hour.

Secondary segment: **SMF094#01_Eject**

Field Name	Type	Len	Description
<i>SMF094#01_Eject.<fieldname></i>			
zEPR	INT	2	(IBM name: SMF94EPR) The total number of eject requests currently pending. An eject operation

			moves one volume from the system-managed tape library to an output station for an operator to remove.
zEP1	INT	2	(IBM name: SMF94EP1) Maximum number of eject requests pending during the last hour.
zEP2	INT	2	(IBM name: SMF94EP2) Minimum number of eject requests pending during the last hour.
zEP3	INT	2	(IBM name: SMF94EP3) Average number of eject requests pending during the last hour.
zETO	INT	2	(IBM name: SMF94ETO) Totals number of ejects during the last hour.
zET1	INT	2	(IBM name: SMF94ET1) Maximum amount of time, in seconds, required to perform any single eject operation during the last hour.
zET2	INT	2	(IBM name: SMF94ET2) Minimum amount of time, in seconds, required to perform any single eject operation during the last hour.
zET3	INT	2	(IBM name: SMF94ET3) Average amount of time, in seconds, required to perform a single eject operation during the last hour.

Secondary segment: SMF094#01_Audit

Field Name	Type	Len	Description
SMF094#01_Audit.<fieldname>			
zAPR	INT	2	(IBM name: SMF94APR) The total number of audit requests currently pending. When the host requests an audit operation, the accessor moves to a shelf location and ensures that a volume is present.
zAP1	INT	2	(IBM name: SMF94AP1) Maximum number of audit requests pending during the last hour.
zAP2	INT	2	(IBM name: SMF94AP2) Minimum number of audit requests pending during the last hour.
zAP3	INT	2	(IBM name: SMF94AP3) Average number of audit requests pending during the last hour.
zATO	INT	2	(IBM name: SMF94ATO) Total number of audits during the last hour.
zAT1	INT	2	(IBM name: SMF94AT1) Maximum amount of time, in seconds, required to perform any single audit operation during the last hour.
zAT2	INT	2	(IBM name: SMF94AT2) Minimum amount of time, in seconds, required to perform any single audit operation during the last hour.
zAT3	INT	2	(IBM name: SMF94AT3) Average amount of time, in seconds, required to perform a single audit operation during the last hour.

Secondary segment: SMF094#01_Insert

Field Name	Type	Len	Description
SMF094#01_Insert.<fieldname>			
zINS	INT	2	(IBM name: SMF94INS) Number of insert stores during last hour. This number is the number of volumes moved from an input station to a location inside the system-managed tape library.

Secondary segment: SMF094#01_VTS

Field Name	Type	Len	Description
<i>SMF094#01_VTS.<fieldname></i>			
zVNO	INT (ENUM)	1	(IBM name: SMF94VNO) Peer-to-Peer VTS reference number
zVLS	CHAR	5	(IBM name: SMF94VLS) Library sequence number for the library segment for which VTS statistics are being reported.
zVTI	INT	1	(IBM name: SMF94VTI) Number of underlying physical tape devices currently installed in the VTS subsystem. See Note 1.
zVTA	INT	1	(IBM name: SMF94VTA) Number of underlying physical tape devices currently available for use by the VTS subsystem. See Note 1.
zVTX	INT	1	(IBM name: SMF94VTX) Maximum number of underlying physical tape devices mounted concurrently in this VTS during last hour. See Note 1.
zVTN	INT	1	(IBM name: SMF94VTN) Minimum number of underlying physical tape devices mounted concurrently in this VTS during last hour. See Note 1.
zVTV	INT	1	(IBM name: SMF94VTV) Average number of underlying physical tape devices mounted concurrently in this VTS during last hour. Value is determined by summing number of concurrently mounted physical devices every 10 SECONDS, and dividing resultant sum by 360 DURING hourly statistics generation. See Note 1.
zVR2	INT	1	(IBM name: SMF94VR2) Reserved, set to X'00'
zVMX	INT	2	(IBM name: SMF94VMX) Maximum time in seconds used by the library to perform a mount request of a physical drive in the VTS in the last hour. Time is accrued from time mount request is accepted until it is completed. Mount time is accredited to the hour that mount is completed. See Note 1.
zVMN	INT	2	(IBM name: SMF94VMN) Minimum time in seconds used by the library to perform a mount request for a physical drive in the VTS in the last hour. Time is accrued from time mount request is accepted until it is completed. Mount time is accredited to the hour that mount is completed. See Note 1.
zVMV	INT	2	(IBM name: SMF94VMV) Average time in seconds used by the library to perform a mount request for a physical drive in the VTS in the last hour. Time is accrued from time mount request is accepted until it is completed. Mount time is accredited to the hour that mount is completed. See Note 1.
zVPS	INT	2	(IBM name: SMF94VPS) The number of physical mount requests completed in last hour to satisfy recall mounts. See Note 1.
zVPM	INT	2	(IBM name: SMF94VPM) The number of physical mount requests completed in last hour to satisfy copy requests. See Note 1.
zVPR	INT	2	(IBM name: SMF94VPR) The number of physical mount requests completed in last hour to satisfy reclamation mounts. See Note 1.
zVDC	INT	1	(IBM name: SMF94VDC) The number of virtual devices configured in this VTS at the time request for statistics was received (current). See Note 1.
zVDX	INT	1	(IBM name: SMF94VDX) The maximum number of virtual drives that were concurrently mounted in this VTS during the last hour. See Note 1.
zVDN	INT	1	

			(IBM name: SMF94VDN) The minimum number of virtual drives that were concurrently mounted in this VTS during the last hour. See Note 1.
zVDA	INT	1	(IBM name: SMF94VDA) The average number of virtual drives that were concurrently mounted in this VTS during the last hour. Value is determined by summing number of concurrently mounted virtual devices every 10 SECONDS, and dividing resultant sum by 360 DURING hourly statistics generation. See Note 1.
zVVX	INT	2	(IBM name: SMF94VVX) Maximum time in seconds that a virtual drive was mounted in this VTS during the last hour. Time is accrued from completion of mount until a demount is issued. Mount time is accredited to the hour that demount is issued. See Note 2.
zVVN	INT	2	(IBM name: SMF94VVN) Minimum time in seconds that a virtual drive was mounted in this VTS during the last hour. Time is accrued from completion of mount until a demount is issued. Mount time is accredited to the hour that demount is issued. See Note 2.
zVVA	INT	2	(IBM name: SMF94VVA) Average time in seconds that a virtual drive was mounted in this VTS during the last hour. Time is accrued from completion of mount until a demount is issued. Mount time is accredited to the hour that demount is issued. See Note 2.
zVRX	INT	2	(IBM name: SMF94VRX) Maximum time in seconds used to complete a mount request on a virtual drive in the last hour. Time is accrued from time mount request is accepted until it is completed. Mount time is accredited to the hour that the mount is completed. See Note 3.
zVRN	INT	2	(IBM name: SMF94VRN) Minimum time in seconds used to complete a mount request on a virtual drive in the last hour. Time is accrued from time it is completed. Mount time is accredited to the hour that the mount is completed. See Note 3.
zVRA	INT	2	(IBM name: SMF94VRA) Average time in seconds used to complete a mount request on a virtual drive in the last hour. Time is accrued from time mount request is accepted until it is completed. Mount time is accredited to the hour that the mount is completed. See Note 3.
zVFR	INT	2	(IBM name: SMF94VFR) The number of virtual mounts in last hour using VTS Fast-Ready facility. Fast-Ready is used for mount-from-category request for which the specified category has the Fast-Ready attribute set, or for specific volume requests for which the specified volume is, at the time the mount request is received, assigned to a category that has the Fast-Ready attribute set. See Note 3.
zVMH	INT	2	(IBM name: SMF94VMH) The number of virtual mounts in the last hour that were completed for specific requested volume found resident in Tape Volume Cache (specific mount hits). See Note 3.
zVMS	INT	2	(IBM name: SMF94VMS) The number of virtual mounts in last hour that were completed with specific requested logic volume recalled from a physical tape back into Tape Volume Cache. See Note 3.
zVMP	INT	2	(IBM name: SMF94VMP) The number of virtual volumes for which a copy operation from the Tape Volume Cache to physical tape was completed in the last hour. See Note 3.
zVBW	INT	4	(IBM name: SMF94VBW) The total number of bytes written successfully through host channels to virtual volumes in an integral multiple of 4096 BYTES during the last hour. If number of bytes written is not an integer multiple of 4096, the number is rounded up. If the statistics are reported for a distributed library, the number reflects the effect of the VTC's compression of host data as written to the distributed library. See Note 2.
zVBR	INT	4	(IBM name: SMF94VBR) The total number of bytes read successfully through host channels from virtual volumes in an integral multiple of 4096 BYTES during the last hour. If number of bytes read is not an integer multiple of 4096, the number is rounded up. If the statistics are reported for a distributed library, the

			number reflects the effect of the VTC's compression of host data as written to the distributed library. See Note 2.
zVTW	INT	4	(IBM name: SMF94VTW) The total number of bytes written successfully by VTS to its attached physical drives in an integral multiple of 4096 BYTES during the last hour. If number of bytes written is not an integer multiple of 4096, the number is rounded up. Bytes are accredited to the hour in which the underlying premigrates of virtual volumes complete. See Note 1 AND 3.
zVTR	INT	4	(IBM name: SMF94VTR) The total number of bytes read successfully by VTS from its attached physical drives in an integral multiple of 4096 BYTES during the last hour. If the number of bytes read is not an integer multiple of 4096, the number is rounded up. Bytes are accredited to the hour in which the underlying stage requests complete. See Note 1 AND 3.
zVCA	INT	2	(IBM name: SMF94VCA) The average, in minutes, of the age of last reference of the virtual volumes in the Tape Volume Cache, as determined at the end of the reported hour. See Note 1 AND 3.
zVCZ	INT	2	(IBM name: SMF94VCZ) The average size of the virtual volumes in the Tape Volume Cache in an integral multiple of 1,048,576 bytes (1Mbytes), at the end of the reported hour. Virtual volume that contain less than 1 MB are rounded up to 1MB. See Note 1 AND 3.
zVNM	INT	2	(IBM name: SMF94VNM) The number of virtual volumes in Tape Volume Cache at the end of reported hour. See Note 1 AND 3.
zVR3	INT	2	(IBM name: SMF94VR3) Reserved, set to X'00'
zVBA	INT	4	(IBM name: SMF94VBA) The total number of megabytes of data on the active logical volumes which are on VTS stacked volumes at the end of the reported hour. The number is the integral multiple of 1,048,576 bytes. This is the number of megabytes copied from the Tape Volume Cache to the stacked volumes and may include multiple versions of logical volumes. The obsolete versions will become inactive during the next reconciliation process. See Note 3.
zVLA	INT	4	(IBM name: SMF94VLA) The total number of active logical volumes which are on VTS stacked volumes at the end of the reported hour. This number may include multiple versions of logical volumes. therefore, the number may exceed the number of defined logical volumes. The obsolete versions will become inactive during the next reconciliation process. See Note 3.
zVEC	INT	4	(IBM name: SMF94VEC) The total estimated amount of storage capacity provided by the empty cartridges managed by the Virtual Tape Server subsystem in an integral multiple of 1,048,576 bytes a (1 MByte) as of last midnight. This value is calculated by multiplying the number of scratch a cartridges for each media type present in the subsystem by the estimated storage capacity of each a media type. The storage capacity of a 3590 CARTRIDGE used by the Model B16 VTS with 3590 M0DEL B1A tape drives is estimated by assuming a compression ratio of 2:1 which results in a storage capacity of 20 GBYTES for the standard 3590 HIGH Performance Cartridge. The Model B18 VTS uses an actual compression ratio (likely to be 1:1 with the EHPO feature since the data will already be in a compressed format in the Tape Volume Cache) resulting in an estimated storage capacity per J type cartridge of 10 GBYTES for 3590 M0DEL B1A tape drives, 20 GBYTES for 3590 M0DEL E1A tape drives and 30 GBYTES for 3590 M0DEL H1A tape drives. Storage a capacity for K type cartridges is double that for the J type. The Model B10 or B20 VTS uses the actual compression ratio and in addition to 3590 TAPE drives models and media, supports the 3592 M0DEL J1A tape drives and media. The estimated storage a capacity for the JA type media is 300 GBYTES and 60 GBYTES for the JJ type media. See Note 3. Note: 1. Contains zero with F/C 4001. 2. This field is a composite of all Virtual Tape Controllers (VTC) when reported for a composite library(SMF94VNO=X'FF'). 3. Contains zero when reported for the composite library (SMF94VNO=X'FF')

Secondary segment: **SMF094#01_Import_Export**

Field Name	Type	Len	Description
<i>SMF094#01_Import_Export.<fieldname></i>			
zIM1	INT	2	(IBM name: SMF94IM1) count of physical volumes processed during import operations that completed in the last hour.
zEX1	INT	2	(IBM name: SMF94EX1) count of physical volumes that contain the successfully exported logical volumes exported during the last hour.
zIM2	INT	4	(IBM name: SMF94IM2) count of the number of logical volumes successfully imported during import operations that completed during the last hour.
zEX2	INT	4	(IBM name: SMF94EX2) count of the number of logical volumes successfully exported for export operations that completed during the last hour.
zIM3	INT	4	(IBM name: SMF94IM3) megabytes of data imported for import operations that completed in the last hour.
zEX3	INT	4	(IBM name: SMF94EX3) megabytes of data exported during export operations that completed in the last hour.
zIM4	INT	4	(IBM name: SMF94IM4) megabytes of data that was moved from one physical stacked volume to another as part of the import operations that completed in the last hour.
zEX4	INT	4	(IBM name: SMF94EX4) megabytes moved from one physical stacked volume to another as part of the export operations completed in the last hour.
zACA	INT	2	(IBM name: SMF94ACA) Accessor A mounts. The count of the number of mount operations accessor A completed during the last hour.
zACB	INT	2	(IBM name: SMF94ACB) Accessor B mounts. The count of the number of mount operations accessor B completed during the last hour.

Secondary segment: **SMF094#01_VTS_Enhanced_Lib**

Field Name	Type	Len	Description
<i>SMF094#01_VTS_Enhanced_Lib.<fieldname></i>			
zBSRAT	INT	2	(IBM name: S94BSRAT) Backstore compression ratio in hundredths. See Note 1.
zHARAT	INT	2	(IBM name: S94HARAT) Host adapter compression ratio in hundredths. See Notes 2 AND 4.
zTVCS	INT	2	(IBM name: S94TVCS) Tape volume cache size.
zESCON	INT	1	(IBM name: S94ESCON) Number of ESCON channels. See Note 2.
zSCSI	INT	1	(IBM name: S94SCSI) Number of SCSI channels. See Note 1.
zNUMBS	INT	4	(IBM name: S94NUMBS) Channel blocks written. See Note 2.
z0KB	INT	1	(IBM name: S940KB) Percentage of 0 TO 2K channel blocks written. See Note 2.
z2KB	INT	1	(IBM name: S942KB) Percentage of greater than 2K to 4K channel blocks written. See Note 2.

z4KB	INT	1	(IBM name: S944KB) Percentage of greater than 4K to 8K channel blocks written. See Note 2.
z8KB	INT	1	(IBM name: S948KB) Percentage of greater than 8K to 16K channel blocks written. See Note 2.
z16KB	INT	1	(IBM name: S9416KB) Percentage of greater than 16K to 32K channel blocks written. See Note 2.
z32KB	INT	1	(IBM name: S9432KB) Percentage of greater than 32K to 64K channel blocks written. See Note 2.
z64KB	INT	1	(IBM name: S9464KB) Percentage of greater than 64K channel blocks written. See Note 2.
zRCPR	INT	1	(IBM name: S94RCPR) Recall predominate throttling percentage. See Note 1.
zWROVT	INT	1	(IBM name: S94WROVT) Write overrun predominate throttling percentage. See Note 1.
zAVRCT	INT	4	(IBM name: S94AVRCT) Average recall throttle value. See Note 1.
zAVWOT	INT	4	(IBM name: S94AVWOT) Average write overrun throttle value. See Note 1.
zTOTAT	INT	4	(IBM name: S94TOTAT) Overall average throttle value. See Note 1.
zMAXFR	INT	2	(IBM name: S94MAXFR) Maximum fast-ready mount time. See Note 2.
zMINFR	INT	2	(IBM name: S94MINFR) Minimum fast-ready mount time. See Note 2.
zAVGFR	INT	2	(IBM name: S94AVGFR) Average fast-ready mount time. See Note 2.
zMAXCH	INT	2	(IBM name: S94MAXCH) Maximum cache-hit mount time. See Note 2.
zMINCH	INT	2	(IBM name: S94MINCH) Minimum cache-hit mount time. See Note 2.
zAVGCH	INT	2	(IBM name: S94AVGCH) Average cache-hit mount time. See Note 2.
zMAXRM	INT	2	(IBM name: S94MAXRM) Maximum recall-mount mount time. See Note 2.
zMINRM	INT	2	(IBM name: S94MINRM) Minimum recall-mount mount time. See Note 2.
zAVGRM	INT	2	(IBM name: S94AVGRM) Average recall-mount mount time. See Note 2.
zADV05	INT	2	(IBM name: S94ADV05) Number of volumes containing 0 TO 5 PERCENT active data. See Note 1.
zADV10	INT	2	(IBM name: S94ADV10) Number of volumes containing greater than 5 TO 10 PERCENT active data. See Note 1.
zADV15	INT	2	(IBM name: S94ADV15) Number of volumes containing greater than 10 TO 15 PERCENT active data. See Note 1.
zADV20	INT	2	(IBM name: S94ADV20) Number of volumes containing greater than 15 TO 20 PERCENT active data. See Note 1.
zADV25	INT	2	(IBM name: S94ADV25) Number of volumes containing greater than 20 TO 25 PERCENT active data. See Note 1.
zADV30	INT	2	(IBM name: S94ADV30) Number of volumes containing greater than 25 TO 30 PERCENT active data. See Note 1.
zADV35	INT	2	(IBM name: S94ADV35) Number of volumes containing greater than 30 TO 35 PERCENT active data. See Note 1.

zADV40	INT	2	(IBM name: S94ADV40) Number of volumes containing greater than 35 TO 40 PERCENT active data. See Note 1.
zADV45	INT	2	(IBM name: S94ADV45) Number of volumes containing greater than 40 TO 45 PERCENT active data. See Note 1.
zADV50	INT	2	(IBM name: S94ADV50) Number of volumes containing greater than 45 TO 50 PERCENT active data. See Note 1.
zADV55	INT	2	(IBM name: S94ADV55) Number of volumes containing greater than 50 TO 55 PERCENT active data. See Note 1.
zADV60	INT	2	(IBM name: S94ADV60) Number of volumes containing greater than 55 TO 60 PERCENT active data. See Note 1.
zADV65	INT	2	(IBM name: S94ADV65) Number of volumes containing greater than 60 TO 65 PERCENT active data. See Note 1.
zADV70	INT	2	(IBM name: S94ADV70) Number of volumes containing greater than 65 TO 70 PERCENT active data. See Note 1.
zADV75	INT	2	(IBM name: S94ADV75) Number of volumes containing greater than 70 TO 75 PERCENT active data. See Note 1.
zADV80	INT	2	(IBM name: S94ADV80) Number of volumes containing greater than 75 TO 80 PERCENT active data. See Note 1.
zADV85	INT	2	(IBM name: S94ADV85) Number of volumes containing greater than 80 TO 85 PERCENT active data. See Note 1.
zADV90	INT	2	(IBM name: S94ADV90) Number of volumes containing greater than 85 TO 90 PERCENT active data. See Note 1.
zADV95	INT	2	(IBM name: S94ADV95) Number of volumes containing greater than 90 TO 95 PERCENT active data. See Note 1.
zADV00	INT	2	(IBM name: S94ADV00) Number of volumes containing greater than 95 TO 100 PERCENT active data. See Note 1.
zTHRES	INT	1	(IBM name: S94THRES) Reclaim threshold percentage. See Notes 1 AND 5.
zSRTCT	INT	2	(IBM name: S94SRTCT) Scratch stacked volume count. See Note 1.
zPRICT	INT	2	(IBM name: S94PRICT) Private stacked volume count. See Note 1.
zMTVCA	INT	4	(IBM name: S94MTVCA) Maximum tape volume cache age. See Note 1.
zCMGTS	HEX	1	(IBM name: S94CMGTS) If the request was for a distributed library of a PTP VTS Subsystem or a non-PTP VTS subsystem, this field reports the cache management setting for copy and recalled volumes. Each sub-field reports the cache management preference level set. The defaults are preference level 0 FOR copies and preference level 1 FOR recalls. The values for the sub-fields are only valid if bit 0 IS active, otherwise the sub-fields are to be ignored. See Note 1. Bit(s) Description 0 FIELDS valid 1-3 Copy volume management preference level (0-7) 4 RESERVED (set to B'0') 5-7 Recall volume management preference level (0-7)
zLVVCM	INT	2	(IBM name: S94LVVCM) VTS code Modification value. This two byte hexadecimal field contains the Modification portion for the VTS subsystem code level that generated the statistical record.
zLVVCF	INT	2	(IBM name: S94LVVCF) VTS code fix value. This two byte hexadecimal field contains the Fix

			portion for the VTS subsystem code level that generated the statistical record.
zLVLMV	INT	2	(IBM name: S94LVLMV) Library manager code version value. This two byte hexadecimal field contains the Version portion for the Library Manager code level that generated the statistical record.
zLVLMR	INT	2	(IBM name: S94LVLMR) Library manager code release value. This two byte hexadecimal field contains the Release portion for the Library Manager code level that generated the statistical record.
zCLLVC	INT	4	(IBM name: S94CLLVC) Composite library logical volumes to be copied. See Note 3.
zCLDTC	INT	4	(IBM name: S94CLDTC) Composite library data yet to be copied. See Note 3.
zCLMT0	INT	2	(IBM name: S94CLMT0) Composite library mounts completed for VTS-0. See Note 3.
zCLMT1	INT	2	(IBM name: S94CLMT1) Composite library mounts completed for VTS-1. See Note 3.
zCLDC0	INT	4	(IBM name: S94CLDC0) Data copied by VTC number 0. See Note 3.
zCLVC0	INT	4	(IBM name: S94CLVC0) Volumes copied by VTC number 0. See Note 3.
zCLRD0	INT	4	(IBM name: S94CLRD0) Read data transferred through VTC number 0. See Note 3.
zCLWD0	INT	4	(IBM name: S94CLWD0) Write data transferred through VTC number 0. See Note 3.
zCLCM0	INT	2	(IBM name: S94CLCM0) Category mounts for VTC number 0. See Note 3.
zCLSM0	INT	2	(IBM name: S94CLSM0) Specific cache mounts for VTC number 0. See Note 3.
zCLRM0	INT	2	(IBM name: S94CLRM0) Specific recall mounts for VTC number 0. See Note 3.
zCLCR0	INT	2	(IBM name: S94CLCR0) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSs in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF0.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS0.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode

zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL0.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>

zCLDC1	INT	4	(IBM name: S94CLDC1) Data copied by AX0 number 1. See Note 3.
zCLVC1	INT	4	(IBM name: S94CLVC1) Volumes copied by AX0 number 1. See Note 3.
zCLRD1	INT	4	(IBM name: S94CLRD1) Read data transferred through AX0 number 1. See Note 3.
zCLWD1	INT	4	(IBM name: S94CLWD1) Write data transferred through AX0 number 1. See Note 3.
zCLCM1	INT	2	(IBM name: S94CLCM1) Category mounts for AX0 number 1. See Note 3.
zCLSM1	INT	2	(IBM name: S94CLSM1) Specific cache mounts for AX0 number 1. See Note 3.
zCLRM1	INT	2	(IBM name: S94CLRM1) Specific recall mounts for AX0 number 1. See Note 3.
zCLCR1	INT	2	(IBM name: S94CLCR1) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSS in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF1.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS1.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.

zValid	BIT	1	Fields valid
--------	-----	---	--------------

SMF094#01_VTS_Enhanced_Lib.zCLRL1.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>

zCLDC2	INT	4	(IBM name: S94CLDC2) Data copied by AX0 number 2. See Note 3.
zCLVC2	INT	4	(IBM name: S94CLVC2) Volumes copied by AX0 number 2. See Note 3.
zCLRD2	INT	4	(IBM name: S94CLRD2) Read data transferred through AX0 number 2. See Note 3.
zCLWD2	INT	4	(IBM name: S94CLWD2) Write data transferred through AX0 number 2. See Note 3.
zCLCM2	INT	2	(IBM name: S94CLCM2) Category mounts for AX0 number 2. See Note 3.
zCLSM2	INT	2	(IBM name: S94CLSM2) Specific cache mounts for AX0 number 2. See Note 3.
zCLRM2	INT	2	(IBM name: S94CLRM2) Specific recall mounts for AX0 number 2. See Note 3.
zCLCR2	INT	2	(IBM name: S94CLCR2) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSs in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF2.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS2.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL2.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>

zCLDC3	INT	4	(IBM name: S94CLDC3) Data copied by AX0 number 3. See Note 3.
zCLVC3	INT	4	(IBM name: S94CLVC3) Volumes copied by AX0 number 3. See Note 3.
zCLRD3	INT	4	(IBM name: S94CLRD3) Read data transferred through AX0 number 3. See Note 3.
zCLWD3	INT	4	(IBM name: S94CLWD3) Write data transferred through AX0 number 3. See Note 3.
zCLCM3	INT	2	(IBM name: S94CLCM3) Category mounts for AX0 number 3. See Note 3.
zCLSM3	INT	2	(IBM name: S94CLSM3) Specific cache mounts for AX0 number 3. See Note 3.
zCLRM3	INT	2	(IBM name: S94CLRM3) Specific recall mounts for AX0 number 3. See Note 3.
zCLCR3	INT	2	(IBM name: S94CLCR3) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSs in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF3.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS3.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL3.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>			
zCLDC4	INT	4	(IBM name: S94CLDC4) Data copied by AX0 number 4. See Note 3.
zCLVC4	INT	4	(IBM name: S94CLVC4) Volumes copied by AX0 number 4. See Note 3.
zCLRD4	INT	4	(IBM name: S94CLRD4) Read data transferred through AX0 number 4. See Note 3.
zCLWD4	INT	4	(IBM name: S94CLWD4) Write data transferred through AX0 number 4. See Note 3.
zCLCM4	INT	2	(IBM name: S94CLCM4) Category mounts for AX0 number 4. See Note 3.
zCLSM4	INT	2	(IBM name: S94CLSM4) Specific cache mounts for AX0 number 4. See Note 3.
zCLRM4	INT	2	(IBM name: S94CLRM4) Specific recall mounts for AX0 number 4. See Note 3.
zCLCR4	INT	2	(IBM name: S94CLCR4) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSs in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF4.<fieldname>			
zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS4.<fieldname>			
zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL4.<fieldname>			
zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>			
zCLDC5	INT	4	(IBM name: S94CLDC5) Data copied by AX0 number 5. See Note 3.

zCLVC5	INT	4	(IBM name: S94CLVC5) Volumes copied by AX0 number 5. See Note 3.
zCLRD5	INT	4	(IBM name: S94CLRD5) Read data transferred through AX0 number 5. See Note 3.
zCLWD5	INT	4	(IBM name: S94CLWD5) Write data transferred through AX0 number 5. See Note 3.
zCLCM5	INT	2	(IBM name: S94CLCM5) Category mounts for AX0 number 5. See Note 3.
zCLSM5	INT	2	(IBM name: S94CLSM5) Specific cache mounts for AX0 number 5. See Note 3.
zCLRM5	INT	2	(IBM name: S94CLRM5) Specific recall mounts for AX0 number 5. See Note 3.
zCLCR5	INT	2	(IBM name: S94CLCR5) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSs in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF5.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS5.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL5.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>

zCLDC6	INT	4	(IBM name: S94CLDC6) Data copied by AX0 number 6. See Note 3.
zCLVC6	INT	4	(IBM name: S94CLVC6) Volumes copied by AX0 number 6. See Note 3.
zCLRD6	INT	4	(IBM name: S94CLRD6) Read data transferred through AX0 number 6. See Note 3.

zCLWD6	INT	4	(IBM name: S94CLWD6) Write data transferred through AX0 number 6. See Note 3.
zCLCM6	INT	2	(IBM name: S94CLCM6) Category mounts for AX0 number 6. See Note 3.
zCLSM6	INT	2	(IBM name: S94CLSM6) Specific cache mounts for AX0 number 6. See Note 3.
zCLRM6	INT	2	(IBM name: S94CLRM6) Specific recall mounts for AX0 number 6. See Note 3.
zCLCR6	INT	2	(IBM name: S94CLCR6) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSS in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF6.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS6.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL6.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>

zCLDC7	INT	4	(IBM name: S94CLDC7) Data copied by AX0 number 7. See Note 3.
zCLVC7	INT	4	(IBM name: S94CLVC7) Volumes copied by AX0 number 7. See Note 3.
zCLRD7	INT	4	(IBM name: S94CLRD7) Read data transferred through AX0 number 7. See Note 3.
zCLWD7	INT	4	(IBM name: S94CLWD7) Write data transferred through AX0 number 7. See Note 3.
zCLCM7	INT	2	(IBM name: S94CLCM7) Category mounts for AX0 number 7. See Note 3.

zCLSM7	INT	2	(IBM name: S94CLSM7) Specific cache mounts for AX0 number 7. See Note 3.
zCLRM7	INT	2	(IBM name: S94CLRM7) Specific recall mounts for AX0 number 7. See Note 3.
zCLCR7	INT	2	(IBM name: S94CLCR7) Compression ratio of the data that has moved through the host adapters of the VTC to the Tape Volume Cache of the I/O VTSs in the last hour. The granularity of the value reported is in hundredths. If no data has been moved through the host adapters in the last hour, a compression value of zero is reported. See Note 3.

SMF094#01_VTS_Enhanced_Lib.zCLPF7.<fieldname>

zPrefIO	BINT (ENUM)	4	Preferred I/O. This field indicates if a preferred VTS has been specified for I/O operations. If possible all host I/O operations will be directed to the specified VTS. If bit 0 is not active, then the VTS does not support the reporting of a preferred I/O VTS. Value Description 8 VTS 0 9 VTS 1 F No preference Values not listed are reserved.
zPrefMastVTS	BINT (ENUM)	4	This field indicates if a preferred master VTS has been specified. If the specified VTS is not the current master, the VTC will attempt a master switchover to the preferred VTS, if conditions within the PTP VTS would allow it. If bit 0 is not active, then the VTS does not support the reporting of a preferred master VTS. Values not listed are reserved.

SMF094#01_VTS_Enhanced_Lib.zCLCS7.<fieldname>

zCopyMode	BINT (ENUM)	2	Default copy mode. Reports the copy mode set as the default for the VTC
zFORCE	BIT	1	Force Scratch to preferred I/O VTS. If this bit is active, all scratch mounts use the preferred VTS, if available, independent of the data validity on the preferred VTS.
zPRIMARY	BIT	1	Primary I/O. If this bit is active, a PSF-PMC order was accepted that specified a VTS I/O Selection Criteria of Primary.
zOpMode	BINT (ENUM)	2	Controller Operational Mode This field reports the operational mode
zWriteProtect	BIT	1	Write protect mode. If this bit is active, the Virtual Tape Controllers (VTC) is in write protected mode. All host commands that attempt to change the attributes of a volume or modify/add data to a volume will fail. This mode supersedes the controller operational mode.
zValid	BIT	1	Fields valid

SMF094#01_VTS_Enhanced_Lib.zCLRL7.<fieldname>

zVTS0LinkSpeed	BINT (ENUM)	4	VTC to VTS0 link speed value
zVTS1LinkSpeed	BINT (ENUM)	4	VTC to VTS1 link speed value

SMF094#01_VTS_Enhanced_Lib.<fieldname>

zCMV_VTC0	INT	2	(IBM name: S94CMV_VTC0) VTC 0 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC0	INT	2	(IBM name: S94CFV_VTC0) VTC 0 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCMV_VTC1	INT	2	(IBM name: S94CMV_VTC1) VTC 1 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC1	INT	2	(IBM name: S94CFV_VTC1) VTC 1 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.

zCMV_VTC2	INT	2	(IBM name: S94CMV_VTC2) VTC 2 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC2	INT	2	(IBM name: S94CFV_VTC2) VTC 2 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCMV_VTC3	INT	2	(IBM name: S94CMV_VTC3) VTC 3 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC3	INT	2	(IBM name: S94CFV_VTC3) VTC 3 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCMV_VTC4	INT	2	(IBM name: S94CMV_VTC4) VTC 4 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC4	INT	2	(IBM name: S94CFV_VTC4) VTC 4 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCMV_VTC5	INT	2	(IBM name: S94CMV_VTC5) VTC 5 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC5	INT	2	(IBM name: S94CFV_VTC5) VTC 5 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCMV_VTC6	INT	2	(IBM name: S94CMV_VTC6) VTC 6 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC6	INT	2	(IBM name: S94CFV_VTC6) VTC 6 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCMV_VTC7	INT	2	(IBM name: S94CMV_VTC7) VTC 7 CODE modification value. Contains the modification portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zCFV_VTC7	INT	2	(IBM name: S94CFV_VTC7) VTC 7 CODE fix value. Contains the Fix portion for the VTC code level that is part of the PTP VTS subsystem that generated the statistical record. See Note 3.
zOPM_VDC	INT	2	(IBM name: S94OPM_VDC) Virtual Drives Configured (current). This two byte field contains the number of virtual devices configured in the Virtual Tape Server subsystem at the time the request was received. See Note 2.
zOPM_MAXVDM	INT	2	(IBM name: S94OPM_MAXVDM) Max virtual drives mounted (last hour). This two byte field contains the maximum number of virtual drives that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. See Note 2.
zOPM_MINVDM	INT	2	(IBM name: S94OPM_MINVDM) Min virtual drives mounted (last hour). This two byte field contains the minimum number of virtual drives that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. See Note 2.
zOPM_AVGVDM	INT	2	(IBM name: S94OPM_AVGVDM) Avg virtual drives mounted (last hour). This two byte field contains the average number of virtual drives that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. This value is determined by summing the number of concurrently mounted virtual devices every 10 SECONDS and then, during the hourly generation of the

			statistics, dividing the resultant value by 360. See Note 2.
zOPM_DCI1	INT (ENUM)	1	(IBM name: S94OPM_DCI1) Device Class Identifier. This one byte field contains the device class identifier for one of the set of physical tape devices installed in the VTS.
zOPM_PDI1	INT	1	(IBM name: S94OPM_PDI1) Installed Virtual Tape Server physical devices. This one byte field contains the number of physical tape devices, of the device class indicated, that are installed in the Virtual Tape Server subsystem at the time the request was received. See Note 1.
zOPM_CAFU1	INT	1	(IBM name: S94OPM_CAFU1) Available Virtual Tape Server physical devices. This one byte field contains the number of physical tape devices, of the device class indicated, currently available for use by the Virtual Tape Server subsystem at the time the request was received. See Note 1.
zOPM_MAXCM1	INT	1	(IBM name: S94OPM_MAXCM1) Max Virtual Tape Server physical devices mounted. This one byte field contains the maximum number of physical tape devices, of the device class indicated, that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. See Note 1.
zOPM_MINCM1	INT	1	(IBM name: S94OPM_MINCM1) Min Virtual Tape Server physical devices mounted. This one byte field contains the minimum number of physical tape devices, of the device class indicated, that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. See Note 1.
zOPM_AVGCM1	INT	1	(IBM name: S94OPM_AVGCM1) Avg Virtual Tape Server physical devices mounted (last hour). This one byte field contains the average number of physical tape devices, of the device class indicated, that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. This value is determined by summing the number of concurrently mounted physical devices every 10 SECONDS and then, during the hourly generation of the statistics, dividing the resultant value by 360. See Note 1.
zOPM_MAXTTM1	INT	2	(IBM name: S94OPM_MAXTTM1) Max physical mount time (last hour). This two byte field contains the maximum time, in seconds, that the library took to complete the execution of a mount request for a physical tape device, of the device class indicated, in the Virtual Tape Server subsystem. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed. See Note 1.
zOPM_MINTTM1	INT	2	(IBM name: S94OPM_MINTTM1) Min physical mount time (last hour). This two byte field contains the minimum time, in seconds, that the library took to complete the execution of a mount request for a physical tape device, of the device class indicated, in the Virtual Tape Server subsystem. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed. See Note 1.
zOPM_AVGTTM1	INT	2	(IBM name: S94OPM_AVGTTM1) Avg physical mount time (last hour). This two byte field contains the average time, in seconds, that the library took to complete the execution of a mount request for a physical tape device, of the device class indicated, in the Virtual Tape Server subsystem. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed. See Note 1.
zOPM_STGMNTS1	INT	2	(IBM name: S94OPM_STGMNTS1) Physical mounts - stage (last hour). This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy stage mounts, of the device class indicated. See Note 1.
zOPM_MIGMNTS1	INT	2	(IBM name: S94OPM_MIGMNTS1) Physical mounts - migrate (last hour). This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy migration mounts, of the device class indicated. See Note 1.
zOPM_RECMNTS1	INT	2	(IBM name: S94OPM_RECMNTS1) Physical mounts - reclaim (last hour). This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy reclamation mounts, of the device class indicated. See Note 1.
zOPM_SDEMNTS1	INT	2	(IBM name: S94OPM_SDEMNTS1) This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy Secure Data Erase

			mounts, of the device class indicated.
zOPM_PPWRITN1	INT	4	(IBM name: S94OPM_PPWRITN1) Data Written to a Primary Pool (last hour). This four byte field contains the number of MBytes premigrated from the tape volume cache to a primary pool for the device class indicated during the last hour. Only the data for logical volumes that have completed premigration when statistics were calculated at the end of the last hour are included in this value. The value is reset and a new count begins after statistics are calculated. It is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte). See Note 1.
zOPM_SPWRITN1	INT	4	(IBM name: S94OPM_SPWRITN1) Data Written to a Secondary Pool (last hour). This four byte field contains the number of MBytes premigrated from the tape volume cache to a secondary pool for the device class indicated during the last hour. Only the data for logical volumes that have completed premigration when statistics were calculated at the end of the last hour are included in this value. The value is reset and a new count begins after statistics are calculated. It is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte). See Note 1.
zOPM_DCI2	INT (ENUM)	1	(IBM name: S94OPM_DCI2) Device Class Identifier. This one byte field contains the device class identifier for one of the set of physical tape devices installed in the VTS.
zOPM_PDI2	INT	1	(IBM name: S94OPM_PDI2) Installed Virtual Tape Server physical devices. This one byte field contains the number of physical tape devices, of the device class indicated, that are installed in the Virtual Tape Server subsystem at the time the request was received. See Note 1.
zOPM_CAFU2	INT	1	(IBM name: S94OPM_CAFU2) Available Virtual Tape Server physical devices. This one byte field contains the number of physical tape devices, of the device class indicated, currently available for use by the Virtual Tape Server subsystem at the time the request was received. See Note 1.
zOPM_MAXCM2	INT	1	(IBM name: S94OPM_MAXCM2) Max Virtual Tape Server physical devices mounted. This one byte field contains the maximum number of physical tape devices, of the device class indicated, that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. See Note 1.
zOPM_MINCM2	INT	1	(IBM name: S94OPM_MINCM2) Min Virtual Tape Server physical devices mounted. This one byte field contains the minimum number of physical tape devices, of the device class indicated, that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. See Note 1.
zOPM_AVGCM2	INT	1	(IBM name: S94OPM_AVGCM2) Avg Virtual Tape Server physical devices mounted (last hour). This one byte field contains the average number of physical tape devices, of the device class indicated, that were concurrently mounted in the Virtual Tape Server subsystem during the last hour. This value is determined by summing the number of concurrently mounted physical devices every 10 SECONDS and then, during the hourly generation of the statistics, dividing the resultant value by 360. See Note 1.
zOPM_MAXTTM2	INT	2	(IBM name: S94OPM_MAXTTM2) Max physical mount time (last hour). This two byte field contains the maximum time, in seconds, that the library took to complete the execution of a mount request for a physical tape device, of the device class indicated, in the Virtual Tape Server subsystem. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed. See Note 1.
zOPM_MINTTM2	INT	2	(IBM name: S94OPM_MINTTM2) Min physical mount time (last hour). This two byte field contains the minimum time, in seconds, that the library took to complete the execution of a mount request for a physical tape device, of the device class indicated, in the Virtual Tape Server subsystem. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed. See Note 1.
zOPM_AVGTTM2	INT	2	(IBM name: S94OPM_AVGTTM2) Avg physical mount time (last hour). This two byte field contains the average time, in seconds, that the library took to complete the execution of a mount request for a physical tape device, of the device class indicated, in the Virtual Tape Server subsystem. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount

			time is accredited to the hour it was completed. See Note 1.
zOPM_STGMNTS2	INT	2	(IBM name: S94OPM_STGMNTS2) Physical mounts - stage (last hour). This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy stage mounts, of the device class indicated. See Note 1.
zOPM_MIGMNTS2	INT	2	(IBM name: S94OPM_MIGMNTS2) Physical mounts - migrate (last hour). This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy migration mounts, of the device class indicated. See Note 1.
zOPM_RECMNTS2	INT	2	(IBM name: S94OPM_RECMNTS2) Physical mounts - reclaim (last hour). This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy reclamation mounts, of the device class indicated. See Note 1.
zOPM_SDEMNTS2	INT	2	(IBM name: S94OPM_SDEMNTS2) This two byte field contains the number of physical mount requests completed by the library in the last hour to satisfy secure data erase mounts, of the device class indicated.
zOPM_PPWRITN2	INT	4	(IBM name: S94OPM_PPWRITN2) Data Written to a Primary Pool (last hour). This four byte field contains the number of MBytes premigrated from the tape volume cache to a primary pool for the device class indicated during the last hour. Only the data for logical volumes that have completed premigration when statistics were calculated at the end of the last hour are included in this value. The value is reset and a new count begins after statistics are calculated. It is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte). See Note 1.
zOPM_SPWRITN2	INT	4	(IBM name: S94OPM_SPWRITN2) Data Written to a Secondary Pool (last hour). This four byte field contains the number of MBytes premigrated from the tape volume cache to a secondary pool for the device class indicated during the last hour. Only the data for logical volumes that have completed premigration when statistics were calculated at the end of the last hour are included in this value. The value is reset and a new count begins after statistics are calculated. It is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte). See Note 1.
zOPM_ARRAY	HEX	512	(IBM name: S94OPM_ARRAY) VTS Cache Usage Information Array. Each entry in the array is 64 BYTES long and is mapped by S94OPM_ARRAY_ENTRY. Up to eight entries may be present.
zOPM_IARTAFRT	INT	2	(IBM name: S94OPM_IARTAFRT) IART Average Fast Ready Mount Time. This two byte field contains the average time, in seconds, that the Virtual Tape Server subsystem took to complete the execution of a fast-ready mount request for a virtual device. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed.
zOPM_IARTFRM	INT	2	(IBM name: S94OPM_IARTFRM) IART Fast-Ready Mounts. This two byte field contains the number of mount requests completed using the Fast-Ready facility by the Virtual Tape Server subsystem in the last hour. The Fast-Ready facility is used for PLF Library Mount orders where a category is specified and the specified category has the Fast-Ready attribute set or a VOLSER is specified and that VOLSER, at the time the mount request was received, is assigned to a category that has the Fast-Ready attribute set.
zOPM_IARTCHMT	INT	2	(IBM name: S94OPM_IARTCHMT) IART Average Cache Hit Mount Time. This two byte field contains the average time, in seconds, that the Virtual Tape Server subsystem took to complete the execution of a mount request for a virtual device where the requested volume was in the Tape Volume Cache. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed.
zOPM_IARTCHM	INT	2	(IBM name: S94OPM_IARTCHM) IART Cache Hit Mounts. This two byte field contains the number of mount requests that were completed by the Virtual Tape Server subsystem in the last hour because the required volume was resident in the Tape Volume Cache.
zOPM_IARTCMMT	INT	2	(IBM name: S94OPM_IARTCMMT) IART Average Cache Miss Mount Time. This two byte field contains the average time, in seconds, that the Virtual Tape Server subsystem took to

			complete the execution of a mount request for a virtual device where the requested volume had to be recalled from a stacked volume. Mount time is accrued from the time the mount request is accepted until the volume has been recalled and the mount completed. The mount time is accredited to the hour it was completed.
zOPM_IARTCMM	INT	2	(IBM name: S94OPM_IARTCMM) IART Cache Miss Mounts. This two byte field contains the number of mount requests that were completed by the Virtual Tape Server subsystem in the last hour that required a logical volume to be recalled from a stacked volume back into the Tape Volume Cache. Note: 1. This field will be zero if the statistics are reported for a composite library(SMF94VNO=X'FF'). 2. This field is a composite of all AX0's when reported for a composite library(SMF94VNO=X'FF'). 3. This field is only valid when reported for a composite library(SMF94VNO=X'FF'). For other than a composite library the field will contain zero. 4. This field will be zero if the statistics are reported for a distributed library (SMF94VNO=X'01' or X'02') 5. This field will contain zero for F/C

Secondary segment: SMF094#01_Array_Data

Field Name	Type	Len	Description
<i>SMF094#01_Array_Data.<fieldname></i>			
zOPM_PMC	INT	4	(IBM name: S94OPM_PMC) Preference Management Control. This four byte field contains information about how the preference level is managed.
zOPM_VVIC	INT	4	(IBM name: S94OPM_VVIC) Virtual volumes in cache. This four byte field contains a count, that is a snapshot taken when statistics are calculated at the end of the hour, of the number of volume assigned to the preference level that are still cache resident. For volumes that are currently mounted and do not have a preference level established (that is done when a volume is unloaded), they are credited to the count for preference level 1.
zOPM_DRIC	INT	4	(IBM name: S94OPM_DRIC) Data resident in cache. This four byte field contains a count, that is a snapshot taken when statistics are calculated at the end of the hour, of the amount of cache space used by the volumes assigned to the preference level that are still cache resident. For volumes that are currently mounted and do not have a preference level established (that is done when a volume is unloaded), their size is credited to the count for preference level 1. The cache space is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte).
zOPM_TVCA4	INT	4	(IBM name: S94OPM_TVCA4) 4 HOUR Rolling average tape volume cache age. This four byte field contains a rolling average cache age, in minutes, of the logical volumes that were assigned to the preference level when the volume was migrated from the cache. The rolling average is calculated based on the cache age of the volumes that have been migrated from the cache over the last 4 HOURS. Cache age is measured from when a volume is first closed after being created or recalled into cache until it has been migrated from cache. Each volume's cache age is rounded up to the nearest minute. The value is calculated at the end of the hour.
zOPM_VM4	INT	4	(IBM name: S94OPM_VM4) Volumes migrated last 4 HOURS. Contains the number of logical volumes assigned to the preference level that were migrated from the cache over the last 4 HOURS.
zOPM_TVCA48	INT	4	(IBM name: S94OPM_TVCA48) 48 HOUR Rolling average tape volume cache age. This four byte field contains a rolling average cache age, in minutes, of the logical volumes that were assigned to the preference level when the volume was migrated from the cache. The rolling average is calculated based on the cache age of the volumes that have been migrated from the cache over the last 48 HOURS. Cache age is measured from when a volume is first closed after being created or recalled into cache until it has been migrated from cache. Each volume's cache age is rounded up to the nearest minute. The value is calculated at the end of the hour.
zOPM_VM48	INT	4	(IBM name: S94OPM_VM48) Volumes migrated last 48 HOURS. Contains the number of logical volumes

			assigned to the preference level that were migrated from the cache over the last 48 HOURS.
zOPM_TVCA35	INT	4	(IBM name: S94OPM_TVCA35) 35 DAY Rolling average tape volume cache age. This four byte field contains a rolling average cache age, in minutes, of the logical volumes that were assigned to the preference level when the volume was migrated from the cache. The rolling average is calculated based on the cache age of the volumes that have been migrated from the cache over the last 35 DAYS. Cache age is measured from when a volume is first closed after being created or recalled into cache until it has been migrated from cache. Each volume's cache age is rounded up to the nearest minute. The value is calculated at the end of the hour.
zOPM_VM35	INT	4	(IBM name: S94OPM_VM35) Volumes migrated last 35 DAYS. Contains the number of logical volumes assigned to the preference level that were migrated from the cache over the last 35 DAYS.
zOPM_FRMT	INT	2	(IBM name: S94OPM_FRMT) Average Fast Ready Mount Time. This two byte field contains the average time, in seconds, that the Virtual Tape Server subsystem took to complete the execution of a fast-ready mount request for a virtual device. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed.
zOPM_FRMNTS	INT	2	(IBM name: S94OPM_FRMNTS) Fast-Ready Mounts. This two byte field contains the number of mount requests completed using the Fast-Ready facility by the Virtual Tape Server subsystem in the last hour. The Fast-Ready facility is used for PLF Library Mount orders where a category is specified and the specified category has the Fast-Ready attribute set or a VOLSER is specified and that VOLSER, at the time the mount request was received, is assigned to a category that has the Fast-Ready attribute set.
zOPM_CHTIME	INT	2	(IBM name: S94OPM_CHTIME) Average Cache Hit Mount Time. This two byte field contains the average time, in seconds, that the Virtual Tape Server subsystem took to complete the execution of a mount request for a virtual device where the requested volume was in the Tape Volume Cache. Mount time is accrued from the time the mount request is accepted until the mount is completed. The mount time is accredited to the hour it was completed.
zOPM_CHMNTS	INT	2	(IBM name: S94OPM_CHMNTS) Cache Hit Mounts. This two byte field contains the number of mount requests that were completed by the Virtual Tape Server subsystem in the last hour because the required volume was resident in the Tape Volume Cache.
zOPM_CMTIME	INT	2	(IBM name: S94OPM_CMTIME) Average Cache Miss Mount Time. This two byte field contains the average time, in seconds, that the Virtual Tape Server subsystem took to complete the execution of a mount request for a virtual device where the requested volume had to be recalled from a stacked volume. Mount time is accrued from the time the mount request is accepted until the volume has been recalled and the mount completed. The mount time is accredited to the hour it was completed.
zOPM_CMMNTS	INT	2	(IBM name: S94OPM_CMMNTS) Cache Miss Mounts. This two byte field contains the number of mount requests that were completed by the Virtual Tape Server subsystem in the last hour that required a logical volume to be recalled from a stacked volume back into the Tape Volume Cache.

Record Type 94 Subtype 2 - Volume Pool

Primary Segment:

- SMF094#02_Tape_Lib_VolPool

Secondary Segment(s): 4 (in alphabetical order)

- SMF094#02_Header
- SMF094#02_Product
- SMF094#02_VolPoolStats_VPS
- SMF094#02_VolPoolStats_VPSArray

Primary segment: SMF094#02_Tape_Lib_VolPool

Field Name	Type	Len	Description
<i>SMF094#02_Tape_Lib_VolPool.<fieldname></i>			
SMF094#02_Tape_Lib_VolPool.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF94S2_FLG) System indicator: Bit Meaning when set 0-3 Reserved. 4 SUBSYSTEM name follows. 5 SubTypeS utilized. 6-7 Reserved.
zRTY	INT	1	(IBM name: SMF94S2_RTY) Record type 94 - SubType 2
zTME	TSTMP	8	(IBM name: SMF94S2_TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF94S2_SID) System identification (from SMFPRMxx parmlib member).
zWID	CHAR	4	(IBM name: SMF94S2_WID) Subsystem identification, worktype indicator.
zSTY	INT	2	(IBM name: SMF94S2_STP) Record SubType '02' - Volume pooling statistics
zSDL	INT	4	(IBM name: SMF94S2_SDL) Self-defining section length
zPOF	INT	4	(IBM name: SMF94S2_POF) Offset to product section
zPLN	INT	2	(IBM name: SMF94S2_PLN) Length of product section
zPON	INT	2	(IBM name: SMF94S2_PON) Number of product sections
zHOF	INT	4	(IBM name: SMF94S2_HOF) Offset to header section
zHLN	INT	2	(IBM name: SMF94S2_HLN) Length of header section
zHON	INT	2	(IBM name: SMF94S2_HON) Number of header sections
zSOF	INT	4	(IBM name: SMF94S2_SOF) Offset to statistics section
zSLN	INT	2	(IBM name: SMF94S2_SLN) Length of statistics section
zSON	INT	2	(IBM name: SMF94S2_SON) Number of statistics sections

Secondary segment: SMF094#02_Product

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF094#02_Product.<fieldname>			
zTYP	INT	2	(IBM name: SMF94S2_TYP) SubType for type 94 RECORD.
zRVN	CHAR	2	(IBM name: SMF94S2_RVN) Record version number C'01'.
zPNM	CHAR	8	(IBM name: SMF94S2_PNM) Product name 'fmid'.
zMVS	CHAR	8	(IBM name: SMF94S2_MVS) MVS operating system name.

Secondary segment: SMF094#02_Header

Field Name	Type	Len	Description
SMF094#02_Header.<fieldname>			

Secondary segment: SMF094#02_VolPoolStats_VPS

Field Name	Type	Len	Description
SMF094#02_VolPoolStats_VPS.<fieldname>			
zLIBID	INT	3	(IBM name: SMF94S2_LIBID) Library Sequence Number
zHHI	INT	2	(IBM name: SMF94S2_HHI) Hour Index. The hour index is incremented once each hour by the library manager. It is used to prevent duplicate logged statistics from the same one hour period from being counted twice. The hour index for volume pooling statistics is the same as reported for library statistical data calculated for the same hour.
zLRTD	CHAR	10	(IBM name: SMF94S2_LRTD) Last Reconcile Time and Date. This 10 EBCDIC character field contains the last time and date a reconcile was automatically completed by the VTS. Some of the statistical fields are calculated at this point.
zMNVP	INT	2	(IBM name: SMF94S2_MNVP) Maximum number of volume pools allowed in the partition This 2 BYTE hexadecimal field contains the maximum number of volume pools allowed in the partition. The number begins with 1. This field is used by the host to determine if there are more than 16 VOLUME pools which would require additional requests for statistical data.
zVPSET	INT	1	(IBM name: SMF94S2_VPSET) Volume Pool Set. This byte specifies which set of volume pools are being reported, based on the set requested in the preceding request. If the set specified is 0, the first 16 VOLUME pools are reported, if 1, the next 16 AND so on.
zBPMIO	INT (ENUM)	1	(IBM name: SMF94S2_BPMIO) Common Scratch Pool Media Identifier 0. This one byte field contains the identifier for the media type associated with the following common scratch pool volume count
zBPSVCO	INT	2	(IBM name: SMF94S2_BPSVCO) Common Scratch Pool Stacked Volume Count - Media Identifier 0 (HOURLY Snapshot) This two byte field contains the number of scratch stacked volumes, of a type identified by Media Identifier 0, assigned to the common volume pool. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour. Physical volumes are assigned to the common scratch pool upon entry into the library or when returned from being borrowed by another pool.

zBPMI1	INT	1	(IBM name: SMF94S2_BPMI1) Common Scratch Pool Media Identifier 1 This one byte field contains the identifier for the media type associated with the following common scratch pool volume count. See the Common Scratch Pool Media Identifier 0 FIELD for the values defined for this field.
zBPSVC1	INT	2	(IBM name: SMF94S2_BPSVC1) Common Scratch Pool Stacked Volume Count - Media Identifier 1 (HOURLY Snapshot) This two byte field contains the number of scratch stacked volumes, of a type identified by Media Identifier 1, assigned to the common volume pool. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour. Physical volumes are assigned to the common scratch pool upon entry into the library or when returned from being borrowed by another pool.
zBPMI2	INT	1	(IBM name: SMF94S2_BPMI2) Common Scratch Pool Media Identifier 2 This one byte field contains the identifier for the media type associated with the following common scratch pool volume count. See the Common Scratch Pool Media Identifier 0 FIELD for the values defined for this field.
zBPSVC2	INT	2	(IBM name: SMF94S2_BPSVC2) Common Scratch Pool Stacked Volume Count - Media Identifier 2 (HOURLY Snapshot) This two byte field contains the number of scratch stacked volumes, of a type identified by Media Identifier 2, assigned to the common volume pool. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour. Physical volumes are assigned to the common scratch pool upon entry into the library or when returned from being borrowed by another pool.
zBPMI3	INT	1	(IBM name: SMF94S2_BPMI3) Common Scratch Pool Media Identifier 3 This one byte field contains the identifier for the media type associated with the following common scratch pool volume count. See the Common Scratch Pool Media Identifier 0 FIELD for the values defined for this field.
zSVC3	INT	2	(IBM name: SMF94S2_SVC3) Common Scratch Pool Stacked Volume Count - Media ID 3 (HOURLY Snapshot) This two byte field contains the number of scratch stacked volumes, of a type identified by Media Identifier 3, assigned to the common volume pool. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour. Physical volumes are assigned to the common scratch pool upon entry into the library or when returned from being borrowed by another pool.

Secondary segment: SMF094#02_VolPoolStats_VPSArray

Field Name	Type	Len	Description
SMF094#02_VolPoolStats_VPSArray.<fieldname>			
zVPN	INT	1	(IBM name: SMF94S2_VPN) Pool Number. This one byte field contains the volume pool number. Pools are numbered starting with 1.
zALVIP	INT	4	(IBM name: SMF94S2_ALVIP) Active logical volumes in pool (Hourly Snapshot) This four byte field contains the number of logical volume images resident in the volume pool. The number is updated dynamically within the VTS and the reported value is the snapshot of that count when statistics are

			calculated at the end of the last hour. To be considered resident in a pool, the logical volume must be on one of the physical volumes assigned to the pool. Cache resident only volumes, although assigned to the pool, are not included. Programming Note: This field may indicate a larger number of active logical volumes than is expected in a pool because it contains old versions of a logical volume's image after its been reused, modified, or deleted since the last reconcile was completed. Reconcile removes the database references for old versions of logical volume images so that they are no longer included in the count.
zADIVP	INT	4	(IBM name: SMF94S2_ADIVP) Active data in volume pool (Hourly Snapshot). This four byte field contains the number of MBytes of logical volume image data managed by the virtual tape server in the volume pool. The number is updated dynamically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour. To be considered resident in a pool, the logical volume must be on one of the physical volumes assigned to the pool. Cache resident only volumes, although assigned to the pool, are not included. It is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte). Note: 1. This field may indicate a larger count of active data than is expected in a pool because it contains old versions of a logical volume's image after its been reused, modified, or deleted since the last reconcile was completed. Reconcile removes the database references for old versions of logical volume images so that their contents are no longer included in the count. 2. This field does not include the volumes that are currently mounted. Only volumes that have been premigrated are included in the count.
zDWTPLH	INT	4	(IBM name: SMF94S2_DWTPLH) Data written to the pool in the last hour This four byte field contains the number of MBytes premigrated from the tape volume cache to the pool during the last hour. Only the data for logical volumes that have completed premigration when statistics were calculated at the end of the last hour are included in this value. The value is reset and a new count begins after statistics are calculated. The count is accumulated in bytes and reported in an integral multiple of 1,048,576 bytes (1 MByte).
zPDCI	INT (ENUM)	1	(IBM name: SMF94S2_PDCI) Pool Device Class Identifier. This one byte field contains the device class identifier for the volume pool.
zMI0	INT	1	(IBM name: SMF94S2_MI0) Media Identifier 0 This one byte field contains the identifier for one of two media compatible with the device class for the pool. Refer to the definition of the Common Scratch Pool Media Identifier 0 FIELD for the values defined for this field.
zPSSVC0	INT	2	(IBM name: SMF94S2_PSSVC0) Pool Static Scratch Stacked Volume Count - Media Identifier 0 (HOURLY Snapshot) This two byte field contains the number of media identifier 0 VOLUMES that were statically assigned to the volume pool and are in scratch status. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zPSPVC0	INT	2	(IBM name: SMF94S2_PSPVC0) Pool Static Private Stacked Volume Count - Media Identifier 0 (HOURLY Snapshot) This two byte field contains the number of media identifier 0 VOLUMES that are statically assigned to the volume pool and contain active data. This includes volumes that have been marked full or those that are in the process of being filled. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zPBSSVC0	INT	2	(IBM name: SMF94S2_PBSSVC0) Pool Borrowed Scratch Stacked Volume Count - Media Identifier 0 (HOURLY Snapshot) This two byte field contains the number of media identifier 0 VOLUMES that were assigned to the volume pool through borrowing and are in scratch status. The number is updated periodically within the VTS and the reported

			value is the snapshot of that count when statistics are calculated at the end of the last hour.
zPBPSVC0	INT	2	(IBM name: SMF94S2_PBPSVC0) Pool Borrowed Private Stacked Volume Count - Media Identifier 0 (HOURLY Snapshot) This two byte field contains the number of media identifier 0 VOLUMES that are assigned to the volume pool through borrowing that contain active data. This includes volumes that have been marked full or those that are in the process of being filled. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zMI1	INT	1	(IBM name: SMF94S2_MI1) Media Identifier 1. This one byte field contains the identifier for one of two media compatible with the device class for the pool. Refer to the definition of the Common Scratch Pool Media Identifier 0 FIELD for the values defined for this field.
zPSSVC1	INT	2	(IBM name: SMF94S2_PSSVC1) Pool Static Scratch Stacked Volume Count - Media Identifier 1 (HOURLY Snapshot) This two byte field contains the number of media identifier 1 VOLUMES that were statically assigned to the volume pool and are in scratch status. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zPSPSVC1	INT	2	(IBM name: SMF94S2_PSPSVC1) Pool Static Private Stacked Volume Count - Media Identifier 1 (HOURLY Snapshot) This two byte field contains the number of media identifier 1 VOLUMES that are statically assigned to the volume pool and contain active data. This includes volumes that have been marked full or those that are in the process of being filled. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zPBSSVC1	INT	2	(IBM name: SMF94S2_PBSSVC1) Pool Borrowed Scratch Stacked Volume Count - Media Identifier 1 (HOURLY Snapshot) This two byte field contains the number of media identifier 1 VOLUMES that were assigned to the volume pool through borrowing and are in scratch status. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zPBPSVC1	INT	2	(IBM name: SMF94S2_PBPSVC1) Pool Borrowed Private Stacked Volume Count - Media Identifier 1 (HOURLY Snapshot) This two byte field contains the number of media identifier 1 VOLUMES that were assigned to the volume pool through borrowing that contain active data. This includes volumes that have been marked full or those that are in the process of being filled. The number is updated periodically within the VTS and the reported value is the snapshot of that count when statistics are calculated at the end of the last hour.
zAAORD	INT	2	(IBM name: SMF94S2_AAORD) Average age of residual data (as of the last reconcile). This two byte field contains the average age, in days, of the residual data that resides on the stacked volumes assigned to the pool at the completion of the last reconcile. Statically assigned and borrowed volumes are included in this calculation. A physical volume has residual data on it if it is not full. This value is calculated based on the date a volume transitions to not full and the current date. When a logical volume's image on a physical volume no longer represents the most current version of the volume, after a reconcile, it has been removed from the database that manages the physical volumes and it is considered residual data.
zMAORD	INT	2	(IBM name: SMF94S2_MAORD) Maximum age of residual data (as of the last reconcile). This two byte field contains the maximum age, in days, of the residual data

			that resides on the stacked volumes assigned to the pool at the completion of the last reconcile. Statically assigned and borrowed volumes are included in this calculation. A physical volume has residual data on it if it is not full. This value is calculated based on the date a volume transitions to not full and the current date. When a logical volume's image on a physical volume no longer represents the most current version of the volume, after a reconcile, it has been removed from the database that manages the physical volumes and it is considered residual data.
zAAOFPSV	INT	2	(IBM name: SMF94S2_AAOFPSV) Average age of the full private stacked volumes (as of the last reconcile). This two byte field contains the average age, in days, of the private stacked volumes in the volume pool at the completion of the last reconcile. Statically assigned and borrowed volumes are included in this calculation. The age of a volume is measured from when the volume is marked as full until it is reclaimed.
zMAOFPSV	INT	2	(IBM name: SMF94S2_MAOFPSV) Maximum age of the full private stacked volumes (as of the last reconcile). This two byte field contains the maximum age, in days, of the private stacked volumes in the volume pool at the completion of the last reconcile. Statically assigned and borrowed volumes are included in this calculation. The age of a volume is measured from when the volume is marked as full until it is reclaimed.
zVPRTP	INT	1	(IBM name: SMF94S2_VPRTP) Volume pool reclaim threshold percentage (Current value). This one byte field contains the current reclaim threshold percentage set for the volume pool.
zADD00	INT	2	(IBM name: SMF94S2_ADD00) 0-5% Active Data Distribution The next twenty, two byte fields report the number of full private stacked volumes in the volume pool that contain active data by the percentage (5% granularity) of active data remaining on the volumes. The numbers are updated periodically within the VTS and the reported value is the snapshot taken when statistics are calculated at the end of the last hour. The percentage of active data is relative to the amount of data on a stacked volume when it was filled.
zADD05	INT	2	(IBM name: SMF94S2_ADD05) >5-10% active data
zADD10	INT	2	(IBM name: SMF94S2_ADD10) >10-15% active data
zADD15	INT	2	(IBM name: SMF94S2_ADD15) >15-20% active data
zADD20	INT	2	(IBM name: SMF94S2_ADD20) >20-25% active data
zADD25	INT	2	(IBM name: SMF94S2_ADD25) >25-30% active data
zADD30	INT	2	(IBM name: SMF94S2_ADD30) >30-35% active data
zADD35	INT	2	(IBM name: SMF94S2_ADD35) >35-40% active data
zADD40	INT	2	(IBM name: SMF94S2_ADD40) >40-45% active data
zADD45	INT	2	(IBM name: SMF94S2_ADD45) >45-50% active data
zADD50	INT	2	(IBM name: SMF94S2_ADD50) >50-55% active data
zADD55	INT	2	(IBM name: SMF94S2_ADD55) >55-60% active data
zADD60	INT	2	(IBM name: SMF94S2_ADD60) >60-65% active data
zADD65	INT	2	(IBM name: SMF94S2_ADD65) >65-70% active data
zADD70	INT	2	

			(IBM name: SMF94S2_ADD70) >70-75% active data
zADD75	INT	2	(IBM name: SMF94S2_ADD75) >75-80% active data
zADD80	INT	2	(IBM name: SMF94S2_ADD80) >80-85% active data
zADD85	INT	2	(IBM name: SMF94S2_ADD85) >85-90% active data
zADD90	INT	2	(IBM name: SMF94S2_ADD90) >90-95% active data
zADD95	INT	2	(IBM name: SMF94S2_ADD95) >95-100% active data

SMF094#02_VolPoolStats_VPSArray.zPPP.<fieldname>

zReturns	BIT	1	Returns Allowed. This bit is active if borrowed volumes are to be returned to the common scratch pool when scratched. If inactive, borrowed volumes remain in the pool that borrowed them when scratched. This field is ignored if bit 2:7 are set to zero.
zFirstMedia	BINT (ENUM)	3	First Media Type To Borrow . If this field is non-zero, it specifies the media type that is to be borrowed first if additional physical scratch volumes are needed by the pool.
zSecondMedia	BINT (ENUM)	3	Second Media Type To Borrow. If this field is non-zero, it specifies the media type that is to be borrowed if additional physical scratch volumes are needed by the pool and none of the media type specified by the First Media Type To Borrow field are available.

SMF094#02_VolPoolStats_VPSArray.<fieldname>

zRPN	INT	1	(IBM name: SMF94S2_RPN) Reclamation Pool. Contains the pool number to be used for the target for data that is reclaimed. Pools are numbered starting with 1.
zRPDSLA	INT	2	(IBM name: SMF94S2_RPDSLA) Reclaim policy - days since last accessed. A physical volume is eligible for reclaim when the number of days contained in this field has elapsed since any data on the volume has been accessed because of a recall. Supported values are 0 TO 365. If this field contains a value of 0, it is not used as a criteria a for reclaim.
zRPDSLW	INT	2	(IBM name: SMF94S2_RPDSLW) Reclaim policy - days since last written. A physical volume is eligible for reclaim when the number of days contained in this field has elapsed since any data was written to the volume. Supported values are 0 TO 365. If this field contains a value of 0, it is not used as a criteria for reclaim.
zRPDSLDI	INT	2	(IBM name: SMF94S2_RPDSLDI) Reclaim policy - days since last data invalidation. A physical volume is eligible for reclaim when the number of days contained in this field has elapsed since any data was invalidated on the volume and the amount of active data on the volume falls below the threshold defined in the Minimum Active Data Percentage (byte 100) field. Supported values are 0 TO 365. If this field contains a value of a 0, it is not used as a criteria for reclaim.
zRPMADP	INT	1	(IBM name: SMF94S2_RPMADP) Reclaim policy - minimum active data percentage. This field contains the minimum active data threshold percentage a physical volume's active data must fall below before it can be reclaimed using the days since last data invalidation reclamation policy (non-zero value in bytes 98:99). Supported values are 5 TO 95.

Record Type 96 - Cross Memory Service Provider Charge Back

SMF Record 96 (Cross Memory Service Provider Charge Back) is mapped by structure member "T096".

Primary Segment:

- [SMF096_Cross_Memory_Service_Provider_Charge_Back](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF096_Detail](#)
- [SMF096_JMR](#)
- [SMF096_Provider_Data](#)
- [SMF096_Summary](#)

Primary segment: [SMF096_Cross_Memory_Service_Provider_Charge_Back](#)

Field Name	Type	Len	Description
<i>SMF096_Cross_Memory_Service_Provider_Charge_Back.<fieldname></i>			
<i>SMF096_Cross_Memory_Service_Provider_Charge_Back.Header_self_defining_section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF96FLG) SMF flag bits. 0 SUBSYSTEMidentification follows (system identification 1 SubTypeSused 2 RESERVED3-6 Version Indicators' (see 'Standard and Extended SMF record headers' on page 174 F0Rdetails) 7 RESERVED
zRTY	INT	1	(IBM name: SMF96RTY) Record type: 97 (X'61').
zTME	TSTMP	8	(IBM name: SMF96TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF96SID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF96WID) Subsystem identification.
zSTY	INT	2	(IBM name: SMF96STP) Record SubType.
zJMR	INT	4	(IBM Name: SMF96JMR) Displacement to the start of the requestor's JMR data. This includes the RDW. This is also the length of the standard SMF header.
zJL#	INT	4	(IBM Name: SMF96JL#) Length of the JMR data.
zPSI	INT	4	(IBM Name: SMF96PSI) Displacement to start of the provider's data section (includes RDW).
zPI#	INT	4	(IBM Name: SMF96PI#) Length of provider's data.
zRCS	INT	4	(IBM Name: SMF96RCS) Displacement to start of the subtype data areas (includes RDW).

Secondary segment: [SMF096_JMR](#)

Field Name	Type	Len	Description
<i>SMF096_JMR.<fieldname></i>			
zJBN	CHAR	8	(IBM Name: SMF96JBN) Requestor's JMRJOB.
zRST	TSTMP	8	(IBM Name: SMF96RST) Requestor's JMRENTY.
zRDS	CHAR	8	(IBM Name: SMF96UIF) Requestor's JMUSEID.

Secondary segment: SMF096_Provider_Data

Field Name	Type	Len	Description
<i>SMF096_Provider_Data.<fieldname></i>			
zPID	CHAR	8	(IBM Name: SMF96PID) Product name within subsystem.
zPNM	CHAR	4	(IBM Name: SMF96PNM) Knowledge Application name.
zTID	CHAR	8	(IBM Name: SMF96TID) User/terminal identifier.
zURT	CHAR	4	(IBM Name: SMF96URT) User environment.

Secondary segment: SMF096_Detail

Field Name	Type	Len	Description
<i>SMF096_Detail.<fieldname></i>			
zDL#	INT	4	(IBM Name: SMF96DL#) Length of detail record.
zCPU	INT	4	(IBM Name: SMF96CPU) CPU time in .01 seconds.
zDVF	INT	4	(IBM Name: SMF96DVF) Vector time in .01 seconds.
zSTM	TSTMP	8	(IBM Name: SMF96STM) Time consultation started.
zETM	TSTMP	8	(IBM Name: SMF96ETM) Time consultation ended.

Secondary segment: SMF096_Summary

Field Name	Type	Len	Description
<i>SMF096_Summary.<fieldname></i>			
zSL#	INT	4	(IBM Name: SMF96SL#) Length of detail record.
zTPU	INT	4	(IBM Name: SMF96TPU) CPU time in .01 seconds.
zSVF	INT	4	(IBM Name: SMF96SVF) Vector time in .01 seconds.
zTI	TSTMP	8	(IBM Name: SMF96TI) Time session started.
zTE	TSTMP	8	(IBM Name: SMF96TE) Time session ended.
zNOC	INT	4	(IBM Name: SMF96NOC) Number of interactions with requestor during this session.
zSAC	HEX	2	(IBM Name: SMF96SAC) System abend code, if any.
zUAC	HEX	2	

		(IBM Name: SMF96UAC) User abend code, if any.
--	--	--

Record Type 97 - Foreign Enclave Resource

SMF Record 97 (Foreign Enclave Resource) is mapped by structure member "T097".

Primary Segment:

- [SMF097_Foreign_Enclave_Resource](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF097_Enclave](#)
- [SMF097_Product](#)

Primary segment: [SMF097_Foreign_Enclave_Resource](#)

Field Name	Type	Len	Description
<i>SMF097_Foreign_Enclave_Resource.<fieldname></i>			
<i>SMF097_Foreign_Enclave_Resource.Header_self_defining_section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF97FLG) SMF flag bits. 0 SUBSYSTEMidentification follows system identification 1 SubTypeSused 2 RESERVED3-6 Version Indicators' (see 'Standard and Extended SMF record headers' on page 174 F0Rdetails) 7 RESERVED
zRTY	INT	1	(IBM name: SMF97RTY) Record type: 97 (X'61').
zTME	TSTMP	8	(IBM name: SMF97TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF97SID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF97WID) Subsystem identification.
zSTY	INT	2	(IBM name: SMF97STP) Record SubType.
zSDL	INT	4	(IBM name: SMF97SDL) Length of self-defining section. Self-Defining Section:
zPOF	INT	4	(IBM Name: SMF97POF) Offset to product section.
zPLN	INT	2	(IBM Name: SMF97PLN) Length of product section.
zPON	INT	2	(IBM Name: SMF97PON) Number of product sections.
zEOF	INT	4	(IBM Name: SMF97EOF) Offset of enclave resource data section.
zELN	INT	4	(IBM Name: SMF97ELN) Length of enclave resource data section section.
zEON	INT	4	(IBM Name: SMF97EON) Number of enclave resource data sections in this record.
zEOS	INT	4	(IBM Name: SMF97EOS) Number of enclave resource data sections in subsequent records.

Secondary segment: [SMF097_Product](#)

Field Name	Type	Len	Description
<i>SMF097_Product.<fieldname></i>			
zRVN	INT	2	(IBM Name: SMF97RVN) Record version number - '01'

zPNM	CHAR	8	(IBM Name: SMF97PNM) Product name - 'SCWLM'
zOSL	CHAR	8	(IBM Name: SMF97OSL) MVS product level
zSYN	CHAR	8	(IBM Name: SMF97SYN) Local system name (from SYSNAME PARMLIB option)
zIST	TSTMP	8	(IBM Name: SMF97IST) Reporting interval start date and time. First record will report IPL time.
zIET	TSTMP	8	(IBM Name: SMF97IET) Reporting interval end date and time.
zCAF	TIME	4	(IBM Name: SMF97CAF) Copy of RmctAdjc when this SMF record was produced, measures the number of sixteenths of one microsecond of CPU time per CPU service unit.

Secondary segment: SMF097_Enclave

Field Name	Type	Len	Description
<i>SMF097_Enclave.<fieldname></i>			
zFSN	CHAR	8	(IBM Name: SMF97FSN) Name of the system that exported the enclaves which used services on the local system.
zFCD	TIME	4	(IBM Name: SMF97FCD) CPU time used by foreign dependent enclaves, in hundredths of a second.
zFCI	TIME	4	(IBM Name: SMF97FCI) CPU time used by foreign independent enclaves, in hundredths of a second.

Record Type 98 - High Frequency Throughput Statistics

SMF Record 98 (High Frequency Throughput Statistics - HFTS) is mapped by structure member "T098".

Primary Segment:

- SMF098_High_Freq_ThruPut

Secondary Segment(s): 20 (in alphabetical order)

- SMF098_Context
- SMF098_Identification
- SMF098_01_Address_Space
- SMF098_01_AS_SpinLock
- SMF098_01_Consume
- SMF098_01_Environmental
- SMF098_01_ExEff
- SMF098_01_ECCC
- SMF098_01_LockLocalCML
- SMF098_01_SpinLock_Det
- SMF098_01_SpinLock_Sum
- SMF098_01_Subtype_Data
- SMF098_01_SuspLock_Det
- SMF098_01_SuspLock_Info
- SMF098_01_SuspLock_MaxDet
- SMF098_01_SuspLock_MaxSum
- SMF098_01_SuspLock_Sum
- SMF098_01_Utilization
- SMF098_01_WorkUnit
- SMF098_01_WorkUnit_PB

Primary segment: SMF098_High_Freq_ThruPut

Field Name	Type	Len	Description
<i>SMF098_High_Freq_ThruPut.<fieldname></i>			
<i>SMF098_High_Freq_ThruPut.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF98FLG) Header flags: Bit Meaning when set 0 SUBSYSTEM identification follows system identification. 1 SubTypeS are used. 2-7 Reserved.
zRTY	INT	1	(IBM name: SMF98RTY) Record type 98 (X'62')
zTME	TSTMP	8	(IBM name: SMF98TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF98SID) System identification (from the SID parameter in the SMFPRMxx member of parmlib.
zSSI	CHAR	4	(IBM name: SMF98SSI) Subsystem identifier for the SMF address space ('STC' for started task).
zSTY	INT	2	(IBM name: SMF98STY) Record SubType: SubType Description 1 SUPERVISOR performance
zIND	INT	1	(IBM name: SMF98IND) Additional record flags: Bit Meaning when set 0 THIS SMF record has multiple parts. There are more parts to come. v For a single part record, this bit is OFF. v On the first part of a multiple-part record, bit 0 IS ON and bit 1 IS OFF. v On subsequent parts for the same record, both bit 0 AND bit 1 ARE ON. v On the last record part, bit 0 IS OFF and bit 1 IS ON. 1 THIS record is the continuation of the multiple-part record. This bit must be OFF on the first part of the multiple-part record. 2 ERROR: Storage was not available to generate more data in this SMF record. 3-7 Reserved.
zPartSeqNo	INT	1	(IBM name: SMF98PartSeqNo) Record part sequence number, which identifies the order of the record part in a multiple-part SMF type 98 RECORD. This value is meaningful only when a record has multiple parts (that is, SMF98IND bit 0 IS ON for the first part of the record). The value is 0 FOR the first part, 1 FOR the next part, and so on.
zSDSLen	INT	2	

			(IBM name: SMF98SDSLen) Length of the self-defining section.
zSDSTripletsNum	INT	2	(IBM name: SMF98SDSTripletsNum) Number of triplets in the self-defining section.
zIOF	INT	4	(IBM name: SMF98IOF) Offset to the identification section
zILN	INT	2	(IBM name: SMF98ILN) Length of the identification section
zION	INT	2	(IBM name: SMF98ION) Number of identification sections
zCSOF	INT	4	(IBM name: SMF98CSOF) Offset to the context summary section
zCSLN	INT	2	(IBM name: SMF98CSLN) Length of the context summary section
zCSON	INT	2	(IBM name: SMF98CSON) Number of context summary sections
zDOF	INT	4	(IBM name: SMF98DOF) Offset to the SubType data section
zDLN	INT	2	(IBM name: SMF98DLN) Length of the SubType data section
zDON	INT	2	(IBM name: SMF98DON) Number of SubType data sections

Secondary segment: SMF098_Identification

Field Name	Type	Len	Description
<i>SMF098_Identification.<fieldname></i>			
zJBN	CHAR	8	(IBM name: SMF98JBN) Job name.
zRST	TSTMP	8	(IBM name: SMF98RST) Reporting interval start time (local Date/Time from midnight).
zSTP	CHAR	8	(IBM name: SMF98STP) Step name.
zIntervalStart	TSTMP	8	(IBM name: SMF98IntervalStart) Interval start time (local time in TOD format). You can convert to GMT by subtracting the value in the SMF98_CVTLDTO field.
zIntervalEnd	TSTMP	8	(IBM name: SMF98IntervalEnd) Interval end time (local time in TOD format). You can convert to GMT by subtracting the value in the SMF98_CVTLDTO field.
zSysName	CHAR	8	(IBM name: SMF98SysName) System Name when first byte not x'00'.
zIntervalStart_ETOD	TSTMP	8	(IBM name: SMF98IntervalStart_ETOD) The interval start time-local time in ETOD format. Can be converted to GMT by subtracting SMF98_ECVTLDTO from this value.
zIntervalEnd_ETOD	TSTMP	8	(IBM name: SMF98IntervalEnd_ETOD) The interval end time-local time in ETOD format. Can be converted to GMT by subtracting SMF98_ECVTLDTO from from this value.

Secondary segment: SMF098_Context

Field Name	Type	Len	Description
<i>SMF098_Context.<fieldname></i>			

z_HftsInfo	HEX	8	(IBM name: SMF98_HftsInfo) An 8-byte token that is equivalent across SMF 98 subtypes for the same interval.
z_ReleaseIndex	INT	2	(IBM name: SMF98_ReleaseIndex) Release index, incremented when a SubType record in a product is significantly changed (such as adding new sections and fields for a new release of z/OS). When this value is incremented, the value in SMF98_WithinReleaseIndex is reset to 1.
z_WithinReleaseIndex	INT	2	(IBM name: SMF98_WithinReleaseIndex) Within-release index, incremented when small changes are made to a SubType (such as adding a new field via an APAR).
z_PrototypeIndex	INT	2	(IBM name: SMF98_PrototypeIndex) Prototype index, incremented for any temporary changes for a given ReleaseIndex and WithinReleaseIndex (such as to denote changes to the SMF record for different versions of a ++APAR fix). The value is set to 0 FOR GA-level code.
z_Prodlevel	CHAR	16	(IBM name: SMF98_Prodlevel) Product level information. (z/OS components use CVTPROD.)
z_ExitSerialTOD	TIME	8	(IBM name: SMF98_ExitSerialTOD) Time, in TOD units, used by the exit routine holding serialization. May be 0 IF information is not available. This is the CPU time that serialization is held. It is obtained by calculating the TimeUsed delta before obtaining and after releasing the serialization.
z_ExitTimeUsed	TIME	8	(IBM name: SMF98_ExitTimeUsed) Time, in TOD units, used by the exit routine up to the point when the SMF record is written. This is the CPU time for the exit (including the time spent holding serialization). It is obtained by calculating the TimeUsed delta from when the exit is entered until the exit writes the record. For continuation records, the last record will have the total time used by the exit.
z_CVTLDTO	TIME	8	(IBM name: SMF98_CVTLDTO) Offset value needed to adjust the TOD value to the local date and time of day. Add this offset to a GMT value to get the local date/time value. Subtract this value from a local TOD value to get the GMT value.
z_CVTLSO	TIME	8	(IBM name: SMF98_CVTLSO) Leap second offset value needed to adjust TOD values to and from a system clock time. Times in the SMF98 record are already incremented with leap seconds. however, other system times might not be adjusted. Add or subtract this offset to allow for time comparisons with TOD values that are not adjusted for leap seconds.

Secondary segment: SMF098_01_Subtype_Data

Field Name	Type	Len	Description
<i>SMF098_01_Subtype_Data.<fieldname></i>			
zDataTripletsNum	INT	4	(IBM name: SMF98_1_DataTripletsNum) Number of data triplets that follow
zDataTripletsLen	INT	4	(IBM name: SMF98_1_DataTripletsLen) Length of data triplets that follow
zEnvOF	INT	4	(IBM name: SMF98_1_EnvOF) Offset to environmental section, mapped by SMF98_1_EnvInfo
zEnvLN	INT	2	(IBM name: SMF98_1_EnvLN) Length of environmental section
zEnvON	INT	2	(IBM name: SMF98_1_EnvON) Number of environmental sections
zSIGPGRPOF	INT	4	(IBM name: SMF98_1_SIGPGRPOF) For IBM use only
zSIGPGRPLN	INT	2	(IBM name: SMF98_1_SIGPGRPLN) For IBM use only
zSIGPGRPON	INT	2	(IBM name: SMF98_1_SIGPGRPON) For IBM use only

zSIGPOF	INT	4	(IBM name: SMF98_1_SIGPOF) For IBM use only
zSIGPLN	INT	2	(IBM name: SMF98_1_SIGPLN) For IBM use only
zSIGPON	INT	2	(IBM name: SMF98_1_SIGPON) For IBM use only
zOTHOF	INT	4	(IBM name: SMF98_1_OTHOF) For IBM use only
zOTHLN	INT	2	(IBM name: SMF98_1_OTHLN) For IBM use only
zOTHON	INT	2	(IBM name: SMF98_1_OTHON) For IBM use only
zTXOF	INT	4	(IBM name: SMF98_1_TXOF) For IBM use only
zTXLN	INT	2	(IBM name: SMF98_1_TXLN) For IBM use only
zTXON	INT	2	(IBM name: SMF98_1_TXON) For IBM use only
zECCCOF	INT	4	(IBM name: SMF98_1_ECCCOF) Offset to ECCC counter sections, mapped by macro IHAECCC structure ECCC_Data
zECCCLN	INT	2	(IBM name: SMF98_1_ECCCLN) Length of ECCC counter section
zECCCON	INT	2	(IBM name: SMF98_1_ECCCON) Number of ECCC counter sections
zMISCOF	INT	4	(IBM name: SMF98_1_MISCOF) For IBM use only
zMISCLN	INT	2	(IBM name: SMF98_1_MISCLN) For IBM use only
zMISCON	INT	2	(IBM name: SMF98_1_MISCON) For IBM use only
zUTOF	INT	4	(IBM name: SMF98_1_UTOF) Offset to utilization section, mapped by SMF98_1_UT
zUTLN	INT	2	(IBM name: SMF98_1_UTLN) Length of utilization section
zUTON	INT	2	(IBM name: SMF98_1_UTON) Number of utilization sections
zLockSpinSumOF	INT	4	(IBM name: SMF98_1_LockSpinSumOF) Offset to spin lock summary sections, mapped by SMF98_1_SpinLock_Sum
zLockSpinSumLN	INT	2	(IBM name: SMF98_1_LockSpinSumLN) Length of spin lock summary section
zLockSpinSumON	INT	2	(IBM name: SMF98_1_LockSpinSumON) Number of spin lock summary sections
zLockSpinDetOF	INT	4	(IBM name: SMF98_1_LockSpinDetOF) Offset to spin lock detail sections, mapped by SMF98_1_SpinLock_Det
zLockSpinDetLN	INT	2	(IBM name: SMF98_1_LockSpinDetLN) Length of spin lock detail section
zLockSpinDetON	INT	2	(IBM name: SMF98_1_LockSpinDetON) Number of spin lock detail sections
zLockSuspendSumOF	INT	4	(IBM name: SMF98_1_LockSuspendSumOF) Offset to suspend lock summary sections, mapped by SMF98_1_SuspLock_Sum
zLockSuspendSumLN	INT	2	(IBM name: SMF98_1_LockSuspendSumLN) Length of suspend lock summary section
zLockSuspendSumON	INT	2	(IBM name: SMF98_1_LockSuspendSumON) Number of suspend lock summary sections

zLockSuspendDetOF	INT	4	(IBM name: SMF98_1_LockSuspendDetOF) Offset to suspend lock detail sections, mapped by SMF98_1_SuspLock_Det
zLockSuspendDetLN	INT	2	(IBM name: SMF98_1_LockSuspendDetLN) Length of suspend lock detail section
zLockSuspendDetON	INT	2	(IBM name: SMF98_1_LockSuspendDetON) Number of suspend lock detail sections
zLockLocalCMLDetOF	INT	4	(IBM name: SMF98_1_LockLocalCMLDetOF) Offset to local or CML lock detail sections, mapped by SMF98_1_LockLocalCml_Det
zLockLocalCMLDetLN	INT	2	(IBM name: SMF98_1_LockLocalCMLDetLN) Length of local or CML lock detail section
zLockLocalCMLDetON	INT	2	(IBM name: SMF98_1_LockLocalCMLDetON) Number of local or CML lock detail sections
zPriorityBucketOF	INT	4	(IBM name: SMF98_1_PriorityBucketOF) Offset to work unit priority bucket sections, mapped by SMF98_1_PB_Data
zPriorityBucketLN	INT	2	(IBM name: SMF98_1_PriorityBucketLN) Length of work unit priority bucket section
zPriorityBucketON	INT	2	(IBM name: SMF98_1_PriorityBucketON) Number of work unit priority bucket sections
zConsumeOF	INT	4	(IBM name: SMF98_1_ConsumeOF) Offset to consumption sections, mapped by SMF98_1_Consume
zConsumeLN	INT	2	(IBM name: SMF98_1_ConsumeLN) Length of consumption section
zConsumeON	INT	2	(IBM name: SMF98_1_ConsumeON) Number of consumption sections
zLockSuspendMaxDetOF	INT	4	(IBM name: SMF98_1_LockSuspendMaxDetOF) Offset to suspend lock detail section, for the suspend lock type with the most contention time, mapped by SMF98_1_SuspLock_Det.)
zLockSuspendMaxDetLN	INT	2	(IBM name: SMF98_1_LockSuspendMaxDetLN) Length of maximum suspend lock detail section)
zLockSuspendMaxDetON	INT	2	(IBM name: SMF98_1_LockSuspendMaxDetON) Number of maximum suspend lock detail sections)
zLockSuspendMaxSumOF	INT	4	(IBM name: SMF98_1_LockSuspendMaxSumOF) Offset to suspend lock summary section, for the suspend lock type with the most contention time, mapped by SMF98_1_SuspLock_Sum.)
zLockSuspendMaxSumLN	INT	2	(IBM name: SMF98_1_LockSuspendMaxSumLN) Length of maximum suspend lock summary section)
zLockSuspendMaxSumON	INT	2	(IBM name: SMF98_1_LockSuspendMaxSumON) Number of maximum suspend lock summary sections)

Secondary segment: SMF098_01_Environmental

Field Name	Type	Len	Description
<i>SMF098_01_Environmental.<fieldname></i>			
SMF098_01_Environmental.zENV_Flags.<fieldname>			
zHiperDisp	BIT	1	HiperDispatch=YES is specified.
zIBM	BIT	2	For IBM use only.
zCPUCore	BIT	1	A processor resource is viewed as a CPU core.
zMxCPU	BIT	1	When bit 3 is on, indicates there are multiple CPUs defined within a CPU core (on MT hardware).
zMxCP	BIT	1	One or more CP cores is in mixed mode state.

zMxzAAP	BIT	1	One ore more zAAP cores is in mixed mode state.
zMxzIIP	BIT	1	One or more zIIP cores is in mixed mode state.
zDen1	BIT	1	An uncorrectable error was detected and z/OS supervisor forced the system to run with a thread density of

SMF098_01_Environmental.<fieldname>			
zENV_SVTCR	INT	1	(IBM name: SMF98_1_ENV_SVTCR) For IBM use only.
zENV_SvtCoreMode_Max	INT	2	(IBM name: SMF98_1_ENV_SvtCoreMode_Max) Maximum MT mode. When SMF98_1_ENV_Flags bit 3 IS ON, this value is the maximum number of CPUs that can be used on a core. When SMF98_1_ENV_Flags bit 3 IS OFF, this value is set to 1.
zENV_SvtCoreMode_CP	INT	2	(IBM name: SMF98_1_ENV_SvtCoreMode_CP) Number of CPUs that are active on a CP core.
zENV_SvtCoreMode_zAAP	INT	2	(IBM name: SMF98_1_ENV_SvtCoreMode_zAAP) Number of CPUs that are active on a zAAP core.
zENV_SvtCoreMode_zIIP	INT	2	(IBM name: SMF98_1_ENV_SvtCoreMode_zIIP) Number of CPUs that are active on a zIIP core.
zENV_AWMT_CP	INT	4	(IBM name: SMF98_1_ENV_AWMT_CP) Operational value of the CP alternate wait management time. See the CCCAWMT parameter in the IEAOPTxx member of parmlib for more information.
zENV_AWMT_ZAAP	INT	4	(IBM name: SMF98_1_ENV_AWMT_ZAAP) Operational value of the zAAP alternate wait management time. See the ZAAPAWMT parameter in the IEAOPTxx member of parmlib for more information.
zENV_AWMT_ZIIP	INT	4	(IBM name: SMF98_1_ENV_AWMT_ZIIP) Operational value of the zIIP alternate wait management time. See the ZIIPAWMT parameter in the IEAOPTxx member of parmlib for more information.
zENV_SVTMAXQL	INT	2	(IBM name: SMF98_1_ENV_SVTMAXQL) The maximum number of work units that one CP can dispatch in a timely manner.
zENV_SVT_zAAPMAXQL	INT	2	(IBM name: SMF98_1_ENV_SVT_zAAPMAXQL) The maximum number of work units that one zAAP can dispatch in a timely manner.
zENV_SVT_zIIPMAXQL	INT	2	(IBM name: SMF98_1_ENV_SVT_zIIPMAXQL) The maximum number of work units that one zIIP can dispatch in a timely manner.
zENV_SVTMINHL	INT	2	(IBM name: SMF98_1_ENV_SVTMINHL) When a CP chooses another CPU for help, the minimum number of dispatches that will be done for help.
zENV_SVT_zAAPMINHL	INT	2	(IBM name: SMF98_1_ENV_SVT_zAAPMINHL) When a zAAP chooses another CPU for help, the minimum number of dispatches that will be done for help.
zENV_SVT_zIIPMINHL	INT	2	(IBM name: SMF98_1_ENV_SVT_zIIPMINHL) When a zIIP chooses another CPU for help, the minimum number of dispatches that will be done for help.
zENV_OptDebVal1	INT	4	(IBM name: SMF98_1_ENV_OptDebVal1) For IBM use only.
zENV_OptDebVal2	INT	4	(IBM name: SMF98_1_ENV_OptDebVal2) For IBM use only.
zENV_OptDebVal3	INT	4	(IBM name: SMF98_1_ENV_OptDebVal3) For IBM use only.
zENV_OptDebVal4	INT	4	(IBM name: SMF98_1_ENV_OptDebVal4) For IBM use only.
zENV_Superval1	INT	4	(IBM name: SMF98_1_ENV_Superval1) For IBM use only.
zENV_Superval2	INT	4	

			(IBM name: SMF98_1_ENV_Superval2) For IBM use only.
zENV_Superval3	INT	4	(IBM name: SMF98_1_ENV_Superval3) For IBM use only.
zENV_Superval4	INT	4	(IBM name: SMF98_1_ENV_Superval4) For IBM use only.
zENV_OnlineCores_CP	INT	4	(IBM name: SMF98_1_ENV_OnlineCores_CP) Number of online cores for CPs.
zENV_OnlineCores_zAAPs	INT	4	(IBM name: SMF98_1_ENV_OnlineCores_zAAPs) Number of online cores for zAAPs.
zENV_OnlineCores_zIIPs	INT	4	(IBM name: SMF98_1_ENV_OnlineCores_zIIPs) Number of online cores for zIIPs.
zENV_Num_VH_cores_CP	INT	4	(IBM name: SMF98_1_ENV_Num_VH_cores_CP) Number of vertical high online CP cores.
zENV_Num_VH_cores_zAAP	INT	4	(IBM name: SMF98_1_ENV_Num_VH_cores_zAAP) Number of vertical high online zAAP cores.
zENV_Num_VH_cores_zIIP	INT	4	(IBM name: SMF98_1_ENV_Num_VH_cores_zIIP) Number of vertical high online zIIP cores.
zENV_Num_VM_cores_CP	INT	4	(IBM name: SMF98_1_ENV_Num_VM_cores_CP) Number of vertical medium online CP cores.
zENV_Num_VM_cores_zAAP	INT	4	(IBM name: SMF98_1_ENV_Num_VM_cores_zAAP) Number of vertical medium online zAAP cores.
zENV_Num_VM_cores_zIIP	INT	4	(IBM name: SMF98_1_ENV_Num_VM_cores_zIIP) Number of vertical medium online zIIP cores.
zENV_Num_VL_Unparked_cores_CP	INT	4	(IBM name: SMF98_1_ENV_Num_VL_Unparked_cores_CP) Number of vertical low unparked CP cores.
zENV_Num_VL_Unparked_cores_zAAP	INT	4	(IBM name: SMF98_1_ENV_Num_VL_Unparked_cores_zAAP) Number of vertical low unparked zAAP cores.
zENV_Num_VL_Unparked_cores_zIIP	INT	4	(IBM name: SMF98_1_ENV_Num_VL_Unparked_cores_zIIP) Number of vertical low unparked zIIP cores.
zENV_Num_VL_Parked_cores_CP	INT	4	(IBM name: SMF98_1_ENV_Num_VL_Parked_cores_CP) Number of vertical low parked CP cores.
zENV_Num_VL_Parked_cores_zAAP	INT	4	(IBM name: SMF98_1_ENV_Num_VL_Parked_cores_zAAP) Number of vertical low parked zAAP cores.
zENV_Num_VL_Parked_cores_zIIP	INT	4	(IBM name: SMF98_1_ENV_Num_VL_Parked_cores_zIIP) Number of vertical low parked zIIP cores.
zENV_Num_Excluded_CP	INT	4	(IBM name: SMF98_1_ENV_Num_Excluded_CP) Number of CP CPUs excluded in delta calculations because of online TOD mismatch.
zENV_Num_Excluded_zAAP	INT	4	(IBM name: SMF98_1_ENV_Num_Excluded_zAAP) Number of zAAP CPUs excluded in delta calculations because of online TOD mismatch.
zENV_Num_Excluded_zIIP	INT	4	(IBM name: SMF98_1_ENV_Num_Excluded_zIIP) Number of zIIP CPUs excluded in delta calculations because of online TOD mismatch.
zENV_SVT_CPEngineSpeed	INT	4	(IBM name: SMF98_1_ENV_SVT_CPEngineSpeed) Standard CP engine speed, in cycles per microsecond. A value of 0 MEANS the speed is unavailable.
zENV_SVT_SpecialtyEngineSpeed	INT	4	(IBM name: SMF98_1_ENV_SVT_SpecialtyEngineSpeed) Specialty engine (zAAP and zIIP) speed, in cycles per microsecond. A value of 0 MEANS the speed is unavailable.
zENV_SVT_Priority_Ranges_Area	INT	3	(IBM name: SMF98_1_ENV_SVT_Priority_Ranges_Area) Array of priority range end (inclusive) for high, medium, and low priorities, 1 BYTE each.
zENV_VcmCPsPerNode	INT	1	(IBM name: SMF98_1_ENV_VcmCPsPerNode) VCM option.
zENV_QDepthAnalysisDelta	INT	4	(IBM name: SMF98_1_ENV_QDepthAnalysisDelta) Number of times that work unit queue depth analysis was done

			in this HFTS interval.
zENV_Num_Core_Excluded_CP	INT	4	(IBM name: SMF98_1_ENV_Num_Core_Excluded_CP) Number of CP cores excluded in delta calculations because of online TOD mismatch.
zENV_Num_Core_Excluded_zAAP	INT	4	(IBM name: SMF98_1_ENV_Num_Core_Excluded_zAAP) Number of zAAP cores excluded in delta calculations because of online TOD mismatch.
zENV_Num_Core_Excluded_zIIP	INT	4	(IBM name: SMF98_1_ENV_Num_Core_Excluded_zIIP) Number of zIIP cores excluded in delta calculations because of online TOD mismatch.
zENV_SVT_SubBucket_Ranges_Area	INT	3	(IBM name: SMF98_1_ENV_SVT_SubBucket_Ranges_Area) Ranges of CPU consumption percentages used to subdivide HFTS priority bucket output into sub-buckets. Values represent units of 0.5 percent CPU utilization and range from 1 (0.5%) to 199 (99.5%), 1 BYTE each. For example, 1 = 0.5%, 2 = 1.0%, 3 = 1.5%, and so on.

Secondary segment: SMF098_01_Utilization

Field Name	Type	Len	Description
<i>SMF098_01_Utilization.<fieldname></i>			
zUT_CPUs_Unparked_CP	INT	4	(IBM name: SMF98_1_UT_CPUs_Unparked_CP) Number of CP CPUs that are unparked
zUT_CPUs_Unparked_zAAP	INT	4	(IBM name: SMF98_1_UT_CPUs_Unparked_zAAP) Number of zAAP CPUs that are unparked
zUT_CPUs_Unparked_zIIP	INT	4	(IBM name: SMF98_1_UT_CPUs_Unparked_zIIP) Number of zIIP CPUs that are unparked
zUT_Avg_Num_UnparkedVLs_CP	INT	4	(IBM name: SMF98_1_UT_Avg_Num_UnparkedVLs_CP) Average number of CP vertical low processors that are unparked
zUT_Avg_Num_UnparkedVLs_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_Num_UnparkedVLs_zAAP) Average number of zAAP vertical low processors that are unparked
zUT_Avg_Num_UnparkedVLs_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_Num_UnparkedVLs_zIIP) Average number of zIIP vertical low processors that are unparked
zUT_Avg_CpuBusy_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_CP) Average CPU busy percentage for overall CP
zUT_Avg_CpuBusy_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_zAAP) Average CPU busy percentage for overall zAAP
zUT_Avg_CpuBusy_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_zIIP) Average CPU busy percentage for overall zIIP
zUT_Avg_CpuBusy_VH_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VH_CP) Average CPU busy percentage for vertical high CPs
zUT_Avg_CpuBusy_VH_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VH_zAAP) Average CPU busy percentage for vertical high zAAPs
zUT_Avg_CpuBusy_VH_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VH_zIIP) Average CPU busy percentage for vertical high zIIPs
zUT_Avg_CpuBusy_VM_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VM_CP) Average CPU busy percentage for vertical medium CPs
zUT_Avg_CpuBusy_VM_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VM_zAAP) Average CPU busy percentage for vertical medium zAAPs
zUT_Avg_CpuBusy_VM_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VM_zIIP) Average CPU busy percentage for vertical medium zIIPs
zUT_Avg_CpuBusy_VL_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VL_CP) Average CPU busy percentage for vertical low CPs

zUT_Avg_CpuBusy_VL_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VL_zAAP) Average CPU busy percentage for vertical low zAAPs
zUT_Avg_CpuBusy_VL_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CpuBusy_VL_zIIP) Average CPU busy percentage for vertical low zIIPs
zUT_AvgCoreBusyArea	HEX	48	(IBM name: SMF98_1_UT_AvgCoreBusyArea) Average core busy percentage area. These fields are only populated when SMF98_1_ENV_Flags3 bit 3 IS ON. otherwise, they are set to 0.
zUT_Avg_CoreBusy_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_CP) Average core busy percentage for overall CP
zUT_Avg_CoreBusy_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_zAAP) Average core busy percentage for overall zAAP
zUT_Avg_CoreBusy_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_zIIP) Average core busy percentage for overall zIIP
zUT_Avg_CoreBusy_VH_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VH_CP) Average core busy percentage for vertical high CPs
zUT_Avg_CoreBusy_VH_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VH_zAAP) Average core busy percentage for vertical high zAAPs
zUT_Avg_CoreBusy_VH_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VH_zIIP) Average core busy percentage for vertical high zIIPs
zUT_Avg_CoreBusy_VM_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VM_CP) Average core busy percentage for vertical medium CPs
zUT_Avg_CoreBusy_VM_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VM_zAAP) Average core busy percentage for vertical medium zAAPs
zUT_Avg_CoreBusy_VM_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VM_zIIP) Average core busy percentage for vertical medium zIIPs
zUT_Avg_CoreBusy_VL_CP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VL_CP) Average core busy percentage for vertical low CPs
zUT_Avg_CoreBusy_VL_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VL_zAAP) Average core busy percentage for vertical low zAAPs
zUT_Avg_CoreBusy_VL_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_CoreBusy_VL_zIIP) Average core busy percentage for vertical low zIIPs
zUT_Avg_MTTW_CP_TimeTOD	TIME	8	(IBM name: SMF98_1_UT_Avg_MTTW_CP_TimeTOD) Average mean time to wait for CP cores, in TOD format. 0 WHEN no CPU enters a wait.
zUT_Avg_MTTW_zAAP_TimeTOD	TIME	8	(IBM name: SMF98_1_UT_Avg_MTTW_zAAP_TimeTOD) Average mean time to wait for zAAP cores, in TOD format. 0 WHEN no CPU enters a wait.
zUT_Avg_MTTW_zIIP_TimeTOD	TIME	8	(IBM name: SMF98_1_UT_Avg_MTTW_zIIP_TimeTOD) Average mean time to wait for zIIP cores, in TOD format. 0 WHEN no CPU enters a wait.
zUT_Avg_TasksPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Avg_TasksPerWakeUp_CP) Average TCB dispatches per wait for CP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_TasksPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_TasksPerWakeUp_zAAP) Average TCB dispatches per wait for zAAP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_TasksPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_TasksPerWakeUp_zIIP) Average TCB dispatches per wait for zIIP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_SrbsPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Avg_SrbsPerWakeUp_CP) Average SRB dispatches per wait for CP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_SrbsPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_SrbsPerWakeUp_zAAP) Average SRB dispatches per wait for zAAP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_SrbsPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_SrbsPerWakeUp_zIIP) Average SRB dispatches per wait for zIIP CPUs. 0 WHEN no CPU enters a wait.

zUT_Avg_HelpsPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Avg_HelpsPerWakeUp_CP) Average help requests per 16 WAITS for CP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_HelpsPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_HelpsPerWakeUp_zAAP) Average help requests per 16 WAITS for zAAP CPUs. 0 WHEN no CPU enters a wait.
zUT_Avg_HelpsPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_HelpsPerWakeUp_zIIP) Average help requests per 16 WAITS for zIIP CPUs. 0 WHEN no CPU enters a wait.
zUT_Sig_NumCPUs_CP	INT	4	(IBM name: SMF98_1_UT_Sig_NumCPUs_CP) Number of CP CPUs that had a significantly higher than average MTTW value
zUT_Sig_NumCPUs_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_NumCPUs_zAAP) Number of zAAP CPUs that had a significantly higher than average MTTW value
zUT_Sig_NumCPUs_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_NumCPUs_zIIP) Number of zIIP CPUs that had a significantly higher than average MTTW value
zUT_Sig_Avg_MTTW_CP_TimeTOD	TIME	8	(IBM name: SMF98_1_UT_Sig_Avg_MTTW_CP_TimeTOD) Average mean time to wait for CP Cores that had significantly higher than average MTTW values, in TOD units
zUT_Sig_Avg_MTTW_zAAP_TimeTOD	TIME	8	(IBM name: SMF98_1_UT_Sig_Avg_MTTW_zAAP_TimeTOD) Average mean time to wait for zAAP Cores that had significantly higher than average MTTW values, in TOD units
zUT_Sig_Avg_MTTW_zIIP_TimeTOD	TIME	8	(IBM name: SMF98_1_UT_Sig_Avg_MTTW_zIIP_TimeTOD) Average mean time to wait for zIIP Cores that had significantly higher than average MTTW values, in TOD units
zUT_Sig_Avg_TasksPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_TasksPerWakeUp_CP) Average TCB dispatches per wait for CP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_TasksPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_TasksPerWakeUp_zAAP) Average TCB dispatches per wait for zAAP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_TasksPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_TasksPerWakeUp_zIIP) Average TCB dispatches per wait for zIIP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_SrbsPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_SrbsPerWakeUp_CP) Average SRB dispatches per wait for CP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_SrbsPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_SrbsPerWakeUp_zAAP) Average SRB dispatches per wait for zAAP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_SrbsPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_SrbsPerWakeUp_zIIP) Average SRB dispatches per wait for zIIP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_HelpsPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_HelpsPerWakeUp_CP) Average help requests per 16 WAITS for CP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_HelpsPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_HelpsPerWakeUp_zAAP) Average help requests per 16 WAITS for zAAP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_HelpsPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_HelpsPerWakeUp_zIIP) Average help requests per 16 WAITS for zIIP CPUs that had significantly higher than average MTTW values
zUT_Sig_Avg_CPUBusy_CP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_CPUBusy_CP) Average CPU Busy percentage for CP CPUs with significantly higher MTTW values. Valid only when SMF98_1_UTLN is at least 328 (X'148').
zUT_Sig_Avg_CPUBusy_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_CPUBusy_zAAP) Average CPU Busy percentage for zAAP CPUs with significantly higher MTTW values.
zUT_Sig_Avg_CPUBusy_zIIP	INT	4	

			(IBM name: SMF98_1_UT_Sig_Avg_CPUBusy_zIIP) Average CPU Busy percentage for zIIP CPUs with significantly higher MTTW values.
zUT_Sig_Avg_FDispsPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_FDispsPerWakeUp_CP) Average Foreign TCB + SRB dispatches per wait for CP CPUs with significantly higher MTTW values.
zUT_Sig_Avg_FDispsPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_FDispsPerWakeUp_zAAP) Average Foreign TCB + SRB dispatches per wait for ZAAP CPUs with significantly higher MTTW values.
zUT_Sig_Avg_FDispsPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_Avg_FDispsPerWakeUp_zIIP) Average Foreign TCB + SRB dispatches per wait for zIIP CPUs with significantly higher MTTW values.
zUT_Sig_Top_CPU_CP	INT	4	(IBM name: SMF98_1_UT_Sig_Top_CPU_CP) CP CPU with the largest MTTW value. Set to X'FFFF' when SMF98_1_UT_Sig_NumCPUs_CP is 0.
zUT_Sig_Top_CPU_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_Top_CPU_zAAP) zAAP CPU with the largest MTTW value. Set to X'FFFF' when SMF98_1_UT_Sig_NumCPUs_zAAP is 0.
zUT_Sig_Top_CPU_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_Top_CPU_zIIP) zIIP CPU with the largest MTTW value. Set to X'FFFF' when SMF98_1_UT_Sig_NumCPUs_zIIP is 0.
zUT_Sig_2nd_CPU_CP	INT	4	(IBM name: SMF98_1_UT_Sig_2nd_CPU_CP) CP CPU with the second largest MTTW value. Set to X'FFFF' when SMF98_1_UT_Sig_NumCPUs_CP is 0 or 1.
zUT_Sig_2nd_CPU_zAAP	INT	4	(IBM name: SMF98_1_UT_Sig_2nd_CPU_zAAP) zAAP CPU with the second largest MTTW value. Set to X'FFFF' when SMF98_1_UT_Sig_NumCPUs_zAAP is 0 or 1.
zUT_Sig_2nd_CPU_zIIP	INT	4	(IBM name: SMF98_1_UT_Sig_2nd_CPU_zIIP) zIIP CPU with the second largest MTTW value. Set to X'FFFF' when SMF98_1_UT_Sig_NumCPUs_zIIP is 0 or 1.
zUT_Sig_Top2_MTTW_CP_TimeTOD	INT	4	(IBM name: SMF98_1_UT_Sig_Top2_MTTW_CP_TimeTOD) Average MTTW value for top CP CPUs. Set to 0 when SMF98_1_UT_Sig_NumCPUs_CP is 0. Set to MTTW value for top CPU when SMF98_1_UT_Sig_NumCPUs_CP is 1. Set to average of top two CPUs when SMF98_1_UT_Sig_NumCPUs_CP is 2 or greater.
zUT_Sig_Top2_MTTW_zAAP_TimeTOD	INT	4	(IBM name: SMF98_1_UT_Sig_Top2_MTTW_zAAP_TimeTOD) Average MTTW value for top zAAP CPUs. Set to 0 when SMF98_1_UT_Sig_NumCPUs_zAAP is 0. Set to MTTW value for top CPU when SMF98_1_UT_Sig_NumCPUs_zAAP is 1. Set to average of top two CPUs when SMF98_1_UT_Sig_NumCPUs_zAAP is 2 or greater.
zUT_Sig_Top2_MTTW_zIIP_TimeTOD	INT	4	(IBM name: SMF98_1_UT_Sig_Top2_MTTW_zIIP_TimeTOD) Top Average MTTW value for top zIIP CPUs. Set to 0 when SMF98_1_UT_Sig_NumCPUs_zIIP is 0. Set to MTTW value for top CPU when SMF98_1_UT_Sig_NumCPUs_zIIP is 1. Set to average of top two CPUs when SMF98_1_UT_Sig_NumCPUs_zIIP is 2 or greater.
zUT_Avg_FDispsPerWakeUp_CP	INT	4	(IBM name: SMF98_1_UT_Avg_FDispsPerWakeUp_CP) Average Foreign TCB+ SRB dispatches per wait for CP CPUs.
zUT_Avg_FDispsPerWakeUp_zAAP	INT	4	(IBM name: SMF98_1_UT_Avg_FDispsPerWakeUp_zAAP) Average Foreign TCB + SRB dispatches per wait for ZAAP CPUs.
zUT_Avg_FDispsPerWakeUp_zIIP	INT	4	(IBM name: SMF98_1_UT_Avg_FDispsPerWakeUp_zIIP) Average Foreign TCB + SRB dispatches per wait for zIIP CPUs.

Secondary segment: SMF098_01_ECCC

Field Name	Type	Len	Description
<i>SMF098_01_ECCC.<fieldname></i>			
Rest	XVCHAR	0 8192	

Secondary segment: SMF098_01_SpinLock_Sum

Field Name	Type	Len	Description
<i>SMF098_01_SpinLock_Sum.<fieldname></i>			
zCount	INT	4	(IBM name: N/A) Number of times that a CPU spun for the lock
zTimeTOD	TIME	8	(IBM name: N/A) Time spend spinning, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average spin time, in TOD units

Secondary segment: SMF098_01_SpinLock_Det

Field Name	Type	Len	Description
<i>SMF098_01_SpinLock_Det.<fieldname></i>			
zID	INT	4	(IBM name: N/A) Lock ID of the spin lock. See SMF98_1_SpinLockID_xxxx for the spin lock name for this lock ID.
zCount	INT	4	(IBM name: N/A) Number of times a CPU requested a spin lock and resulted in spinning for the lock
zTimeTOD	TIME	8	(IBM name: N/A) Time spent spinning, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average spin time, in TOD units

Secondary segment: SMF098_01_SuspLock_Info

Field Name	Type	Len	Description
<i>SMF098_01_SuspLock_Info.<fieldname></i>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

Secondary segment: **SMF098_01_SuspLock_Sum**

Field Name	Type	Len	Description
<i>SMF098_01_SuspLock_Sum.<fieldname></i>			
zType	INT (ENUM)	2	(IBM name: N/A) Type of suspend lock. When located from the offset, SMF98_1_LockSuspendMaxSumOF, the type of suspend lock is not x'FFFF' - All or 7 - LOCAL + CML

<i>SMF098_01_SuspLock_Sum.zStats.<fieldname></i>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

Secondary segment: **SMF098_01_SuspLock_Det**

Field Name	Type	Len	Description
<i>SMF098_01_SuspLock_Det.<fieldname></i>			
zType	INT (ENUM)	2	(IBM name: N/A) Type of suspend lock
zPos	INT	2	(IBM name: N/A) Position of this address space as a top address space for the lock type. For instance, 1 = first, 2 = second, and so on.

<i>SMF098_01_SuspLock_Det.zAsidInfo.<fieldname></i>			
zASID	INT	2	(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit

<i>SMF098_01_SuspLock_Det.zAsidInfo.zFlags.<fieldname></i>			
zBrokenUp	BIT	1	Address space was broken up.

<i>SMF098_01_SuspLock_Det.zAsidInfo.<fieldname></i>			
zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINF0_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINF0_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 to get cycles per 1 INSTRUCTION.

zzIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.
SMF098_01_SuspLock_Det.zStats.<fieldname>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

Secondary segment: **SMF098_01_Address_Space**

Field Name	Type	Len	Description
SMF098_01_Address_Space.<fieldname>			
zASID	INT	2	(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit
SMF098_01_Address_Space.zFlags.<fieldname>			
zBrokenUp	BIT	1	Address space was broken up.
SMF098_01_Address_Space.<fieldname>			
zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINF0_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zzIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINF0_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.
zzIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.

Secondary segment: **SMF098_01_LockLocalCML**

Field Name	Type	Len	Description
SMF098_01_LockLocalCML.<fieldname>			

SMF098_01_LockLocalCML.zSuspLockCommon.<fieldname>			
zType	INT (ENUM)	2	(IBM name: N/A) Type of suspend lock
zPos	INT	2	(IBM name: N/A) Position of this address space as a top address space for the lock type. For instance, 1 = first, 2 = second, and so on.

SMF098_01_LockLocalCML.zSuspLockCommon.zAsidInfo.<fieldname>			
zASID	INT	2	(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit

SMF098_01_LockLocalCML.zSuspLockCommon.zAsidInfo.zFlags.<fieldname>			
zBrokenUp	BIT	1	Address space was broken up.

SMF098_01_LockLocalCML.zSuspLockCommon.zAsidInfo.<fieldname>			
zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total ZIIP CPU time used by this address space, in TOD units
zzIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 TO get cycles per 1 INSTRUCTION.
zzIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 TO get cycles per 1 INSTRUCTION.

SMF098_01_LockLocalCML.zSuspLockCommon.zStats.<fieldname>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

SMF098_01_LockLocalCML.zDet_AssocStat.<fieldname>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

SMF098_01_LockLocalCML.zDet.<fieldname>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

Secondary segment: SMF098_01_WorkUnit_PB

Field Name	Type	Len	Description
SMF098_01_WorkUnit_PB.<fieldname>			
zProcClass	INT (ENUM)	2	(IBM name: N/A) Processor class of the grouped work unit statistics
zContributingWUQs	INT	2	(IBM name: N/A) Number of the work unit queues that contributed a non-zero delta (or a maximum) to the sum. Meaningful only for HD=Y affinity work unit queue.
zSigDelayWUQs	INT	2	(IBM name: N/A) Number of contributing WUQs that encountered significant dispatch delays.

SMF098_01_WorkUnit_PB.zStats.<fieldname>			
zMaxQDepth	INT	4	(IBM name: N/A) Maximum number of work units queued during a single sample from a single work unit queue.
zQDepthDelta	INT	4	(IBM name: N/A) Total number of work units queued from all work unit queues from all samples. See SMF 98_1_ENV_QDepthAnalysisDelta for number of samples.
zAvgQDepthPerSample	INT	4	(IBM name: N/A) Average queue depth per sample
zAvgQDepthPerSamplePerWuq	INT	4	(IBM name: N/A) Average queue depth per sample per work unit queue
zMaxDispDelay	TIME	8	(IBM name: N/A) Maximum dispatch delay a work unit experienced across all dispatches, in TOD units
zTotDispDelayDelta	TIME	8	(IBM name: N/A) Sum of dispatch delays from all work units, in TOD units
zWorkUnitDispDelta	INT	4	(IBM name: N/A) Number of work units dispatched from all work unit queues
zAvgDispDelay	TIME	8	(IBM name: N/A) Average dispatch delay per work unit, in TOD units
zMajorTimeSliceDelta	INT	4	(IBM name: N/A) Number of work units preempted on a major time slice
zMinorTimeSliceDelta	INT	4	(IBM name: N/A) Number of work units preempted on a minor time slice
zSD_MaxDispDelay	TIME	8	(IBM name: N/A) Max dispatch delay a work unit experienced across all dispatches from WUQs with significant dispatch delays, in TOD units
zSD_TotDispDelayDelta	TIME	8	(IBM name: N/A) Sum of dispatch delays from work units on WUQs with significant

Field Name	Type	Len	Description
zSD_WorkUnitDispDelta	INT	4	(IBM name: N/A) Number of work units dispatched from work unit queues with significant dispatch delays
zSD_AvgDispDelay	TIME	8	(IBM name: N/A) Average dispatch delay per work unit from WUQs with significant dispatch delays, in TOD units
zSD_MajorTimeSliceDelta	INT	4	(IBM name: N/A) Number of work units preempted on a major time slice from WUQs with significant dispatch delays
zSD_MinorTimeSliceDelta	INT	4	(IBM name: N/A) Number of work units preempted on a minor time slice from WUQs with significant dispatch delays

Secondary segment: SMF098_01_Consume

Field Name	Type	Len	Description
<i>SMF098_01_Consume.<fieldname></i>			
zProcClass	INT (ENUM)	2	(IBM name: N/A) Processor class of the grouped work unit statistics
zPriorityBucket	INT (ENUM)	2	(IBM name: N/A) Priority bucket of this output
zSubBucket	INT (ENUM)	2	(IBM name: N/A) Consumption sub-buckets are segregated by the aggregate dispatch time of this processor class and priority bucket. Address space data is grouped by percentage of time used versus the aggregate.
zExEffOff	INT	4	(IBM name: N/A) Offset to related execution efficiency (ExEff) sections from beginning of the record, mapped by SMF98_1_ExEff
zExEffLen	INT	2	(IBM name: N/A) Length of a related execution efficiency (ExEff) section
zExEffNum	INT	2	(IBM name: N/A) Number of related execution efficiency (ExEff) sections
zWorkUnitOff	INT	4	(IBM name: N/A) Offset to related work unit sections from beginning of the record, mapped by SMF98_1_WorkUnit
zWorkUnitLen	INT	2	(IBM name: N/A) Length of a related work unit section
zWorkUnitNum	INT	2	(IBM name: N/A) Number of related work unit sections
zSpinLockOff	INT	4	(IBM name: N/A) Offset to related spin lock sections from beginning of the record, mapped by SMF98_1_AS_SpinLock
zSpinLockLen	INT	2	(IBM name: N/A) Length of a related spin lock section
zSpinLockNum	INT	2	(IBM name: N/A) Number of related spin lock sections

Secondary segment: SMF098_01_SuspLock_MaxSum

Field Name	Type	Len	Description
<i>SMF098_01_SuspLock_MaxSum.<fieldname></i>			
zType		2	

	INT (ENUM)		(IBM name: N/A) Type of suspend lock. When located from the offset, SMF98_1_LockSuspendMaxSumOF, the type of suspend lock is not x'FFFF' - All or 7 - LOCAL + CML
SMF098_01_SuspLock_MaxSum.zStats.<fieldname>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

Secondary segment: **SMF098_01_SuspLock_MaxDet**

Field Name	Type	Len	Description
SMF098_01_SuspLock_MaxDet.<fieldname>			
zType	INT (ENUM)	2	(IBM name: N/A) Type of suspend lock
zPos	INT	2	(IBM name: N/A) Position of this address space as a top address space for the lock type. For instance, 1 = first, 2 = second, and so on.

SMF098_01_SuspLock_MaxDet.zAsidInfo.<fieldname>			
zASID	INT	2	(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit

SMF098_01_SuspLock_MaxDet.zAsidInfo.zFlags.<fieldname>			
zBrokenUp	BIT	1	Address space was broken up.

SMF098_01_SuspLock_MaxDet.zAsidInfo.<fieldname>			
zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zzIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.
zzIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.

SMF098_01_SuspLock_MaxDet.zStats.<fieldname>			
zCount	INT	8	(IBM name: N/A) Number of times suspended on the lock
zAlready_Susp	INT	8	(IBM name: N/A) Number of times suspended when another work unit was already suspended.
zCont_TimeTOD	TIME	8	(IBM name: N/A) Time suspended, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time suspended, in TOD units

Secondary segment: **SMF098_01_ExEff**

Field Name	Type	Len	Description
SMF098_01_ExEff.<fieldname>			
zThreadDensity	INT	2	(IBM name: N/A) Thread density of this output: Value Meaning 0 ALL ExEff data (sum of TD = 1 AND TD = 2) 1 TD = 1 2 TD =
zNumAS_Contribute	INT	2	(IBM name: N/A) Number of address spaces that contributed to total section for this output
zNumAS_BrokenUp	INT	2	(IBM name: N/A) Number of address spaces in this analysis that were broken up.

SMF098_01_ExEff.zFlags.<fieldname>			
zFlag1	BIT	1	SMF98_1_EXEFF_TOP_ASIDINFO and SMF98_1_ExEff_Top_ExEffInfo fields are from the address space last chosen as most significant, has a CPI that is significantly larger than the previous interval, and consumes a significant portion of the processor classes total CPU time.
zFlag2	BIT	1	SMF98_1_EXEFF_TOP_ASIDINFO and SMF98_1_ExEff_Top_ExEffInfo fields are from the address space that has a CPI that is significantly larger than the processor class average and consumes a significant portion of the processor class total CPU time.

SMF098_01_ExEff.zTotal_ExEffInfo.<fieldname>			
zInstr	INT	8	(IBM name: N/A) Number of instructions executed
zTD1EQ_Cycle	INT	8	(IBM name: N/A) Number of TD=1 equivalent cycles executed
zTD1EQ_IPC	INT	4	(IBM name: N/A) Instructions per 4096 TD=1 equivalent cycles executed. Divide by 4096 TO get instructions per 1 CYCLE.
zTD1EQ_CPI	INT	4	(IBM name: N/A) TD=1 equivalent cycles per 4096 INSTRUCTIONS executed. Divide by 4096 TO get cycles per 1 INSTRUCTION.

SMF098_01_ExEff.zTop_AsidInfo.<fieldname>			
zASID	INT	2	(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit

SMF098_01_ExEff.zTop_AsidInfo.zFlags.<fieldname>			
zBrokenUp	BIT	1	Address space was broken up.

SMF098_01_ExEff.zTop_AsidInfo.<fieldname>			
zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.
zIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.

SMF098_01_ExEff.zTop_ExEffInfo.<fieldname>			
zInstr	INT	8	(IBM name: N/A) Number of instructions executed
zTD1EQ_Cycle	INT	8	(IBM name: N/A) Number of TD=1 equivalent cycles executed
zTD1EQ_IPC	INT	4	(IBM name: N/A) Instructions per 4096 TD=1 equivalent cycles executed. Divide by 4096 T0 get instructions per 1 CYCLE.
zTD1EQ_CPI	INT	4	(IBM name: N/A) TD=1 equivalent cycles per 4096 INSTRUCTIONS executed. Divide by 4096 T0 get cycles per 1 INSTRUCTION.

Secondary segment: SMF098_01_WorkUnit

Field Name	Type	Len	Description
SMF098_01_WorkUnit.<fieldname>			
zType	INT (ENUM)	2	(IBM name: N/A) Type of suspend lock
zNumAS_Contribute	INT	2	(IBM name: N/A) Number of address spaces that contributed to total section for this output.
zNumAS_BrokenUp	INT	2	(IBM name: N/A) Number of address spaces in this analysis that were broken up.

SMF098_01_WorkUnit.zTotal_DisplInfo.<fieldname>			
zTimeTOD	TIME	8	(IBM name: N/A) Total CPU time dispatched
zDisps	INT	4	(IBM name: N/A) Number of dispatches
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time per dispatch

SMF098_01_WorkUnit.zTop_AsidInfo.<fieldname>			
zASID	INT	2	

			(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit

SMF098_01_WorkUnit.zTop_AsidInfo.zFlags.<fieldname>

zBrokenUp	BIT	1	Address space was broken up.
-----------	-----	---	------------------------------

SMF098_01_WorkUnit.zTop_AsidInfo.<fieldname>

zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINFO_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 TO get cycles per 1 INSTRUCTION.
zIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 TO get cycles per 1 INSTRUCTION.

SMF098_01_WorkUnit.zTop_DisplInfo.<fieldname>

zTimeTOD	TIME	8	(IBM name: N/A) Total CPU time dispatched
zDisps	INT	4	(IBM name: N/A) Number of dispatches
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average time per dispatch

Secondary segment: SMF098_01_AS_SpinLock

Field Name	Type	Len	Description
SMF098_01_AS_SpinLock.<fieldname>			
zNumAS_Contribute	INT	2	(IBM name: N/A) Number of address spaces in this analysis
zNumAS_BrokenUp	INT	2	(IBM name: N/A) Number of address spaces in this analysis that were broken up

SMF098_01_AS_SpinLock.zTotal_SpinInfo.<fieldname>

zID	INT	4	(IBM name: N/A) Lock ID of the spin lock. See SMF98_1_SpinLockID_XXXX for the spin lock name for this lock ID.
zCount	INT	4	(IBM name: N/A) Number of times a CPU requested a spin lock and resulted in spinning for the lock
zTimeTOD	TIME	8	(IBM name: N/A) Time spent spinning, in TOD units

zAvgTimeTOD	TIME	8	(IBM name: N/A) Average spin time, in TOD units
SMF098_01_AS_SpinLock.zTop_AsidInfo.<fieldname>			
zASID	INT	2	(IBM name: N/A) ASID of the address space
zDP	INT	1	(IBM name: N/A) Dispatching priority of the work unit
SMF098_01_AS_SpinLock.zTop_AsidInfo.zFlags.<fieldname>			
zBrokenUp	BIT	1	Address space was broken up.
SMF098_01_AS_SpinLock.zTop_AsidInfo.<fieldname>			
zSeqnum	INT	4	(IBM name: N/A) Address space sequence / instance number
zJobName	CHAR	8	(IBM name: N/A) Job name
zCP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total CP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINF0_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zzIIP_AllTaskSRB_TimeTOD	TIME	8	(IBM name: N/A) Total zIIP CPU time used by this address space, in TOD units 24 16 SMF98_1_ASIDINF0_ZIIP_ALLTASKSRB_TIMETOD 8 BINARY Total zIIP CPU time used by this address space, in TOD units
zCP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the CP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.
zzIIP_All_TD1EQ_CPI	INT	4	(IBM name: N/A) Thread density 1 EQUIVALENT (includes sum of TD=1 and TD=2) cycles per 4096 INSTRUCTIONS executed in the zIIP processor class. Divide by 4096 T0 get cycles per 1 INSTRUCTION.
SMF098_01_AS_SpinLock.zTop_SpinInfo.<fieldname>			
zID	INT	4	(IBM name: N/A) Lock ID of the spin lock. See SMF98_1_SpinLockID_xxxx for the spin lock name for this lock ID.
zCount	INT	4	(IBM name: N/A) Number of times a CPU requested a spin lock and resulted in spinning for the lock
zTimeTOD	TIME	8	(IBM name: N/A) Time spent spinning, in TOD units
zAvgTimeTOD	TIME	8	(IBM name: N/A) Average spin time, in TOD units

Record Type 99 - SRM Decisions

SMF Record 99 (SRM Decisions) has several subtypes, each mapped by a structure member name of the format "T099STnn".

Record Type 99 Subtype 1 - System Level Data

Primary Segment:

- SMF099#01_SRM_System_Level_Data

Secondary Segment(s): 13 (in alphabetical order)

- SMF099#01_Generic_Resource_Entry
- SMF099#01_Plot_Curve_Point_Entry
- SMF099#01_Priority_Table_Entry
- SMF099#01_Priority_Table_Entry_zAAP
- SMF099#01_Priority_Table_Entry_zIIP
- SMF099#01_Product_Information
- SMF099#01_Resource_Group_Entry
- SMF099#01_Self_Defining_Section
- SMF099#01_Software_Licensing_Information
- SMF099#01_Software_Licensing_Table_Information
- SMF099#01_System_Paging_Plot_Information
- SMF099#01_System_State_Information
- SMF099#01_Trace_Table_Entry

Primary segment: SMF099#01_SRM_System_Level_Data

Field Name	Type	Len	Description
SMF099#01_SRM_System_Level_Data.<fieldname>			
SMF099#01_SRM_System_Level_Data.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

SMF099#01_SRM_System_Level_Data.Self_Defining_Section.<fieldname>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).

zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: **SMF099#01_Product_Information**

Field Name	Type	Len	Description
<i>SMF099#01_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

<i>SMF099#01_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: **SMF099#01_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF099#01_Self_Defining_Section.<fieldname></i>			
zTOF	INT	4	(IBM name: SMF99TLO) Offset to trace section from beginning of record (including RDW).
zTLN	INT	2	(IBM name: SMF99TLN) Length of a trace table entry.
zTON	INT	2	(IBM name: SMF99TON) Number of trace table entries. There is one trace table entry per action or contemplated action.
zSSOF	INT	4	(IBM name: SMF99SSOF) Offset to system state section from beginning of record (including RDW).
zSSLN	INT	2	(IBM name: SMF99SSLN) Length of system state section.
zSSON	INT	2	(IBM name: SMF99SSON) Number of system state sections (always 1).
zPPOF	INT	4	(IBM name: SMF99PPOF) Offset to paging plot section from beginning of the record (including RDW).
zPPLN	INT	2	(IBM name: SMF99PPLN) Length of the paging plot section.
zPPON	INT	2	(IBM name: SMF99PPON) Number of paging plot sections (always 1).
zPTOF	INT	4	(IBM name: SMF99PTOF) Offset to priority table entries from beginning of record (including RDW).

zPTLN	INT	2	(IBM name: SMF99PTLN) Length of a priority table entry.
zPTON	INT	2	(IBM name: SMF99PTON) Number of priority table entries. There is one priority table entry per dispatching priority.
zRGOF	INT	4	(IBM name: SMF99RGOF) Offset to resource group entries from beginning of record (including RDW). This field is zero when there are no resource groups defined in the service policy.
zRGLN	INT	2	(IBM name: SMF99RGLN) Length of a resource group entry. This field is zero when there are no resource groups defined in the service policy.
zRGON	INT	2	(IBM name: SMF99RGON) Number of resource group entries. There is one resource group entry per resource group in the service policy. This field is zero when there are no resource groups defined in the service policy.
zGROF	INT	4	(IBM name: SMF99GROF) Offset to the generic resource section from the beginning of the record (including RDW).
zGRLN	INT	2	(IBM name: SMF99GRLN) Length of the generic resource section.
zGRON	INT	2	(IBM name: SMF99GRON) Number of generic resource sections. There is one generic resource group entry per generic resource group in the service policy. This field is zero when there are no generic resource groups defined in the service policy.
zSLOF	INT	4	(IBM name: SMF99SLOF) Offset to the software licensing service table section from the beginning of the record (including RDW).
zSLLN	INT	2	(IBM name: SMF99SLLN) Length of the software licensing section.
zSLON	INT	2	(IBM name: SMF99SLON) Number of software licensing sections.
zSLTOF	INT	4	(IBM name: SMF99SLTOF) Offset to the software licensing service table section from the beginning of the record (including RDW).
zSLTLN	INT	2	(IBM name: SMF99SLTLN) Length of the software licensing service table section.
zSLTON	INT	2	(IBM name: SMF99SLTON) Number of software licensing service table sections.
zPIOF	INT	4	(IBM name: SMF99PIOF) Offset to priority table entries (zAAP) from the beginning of the record (including RDW).
zPILN	INT	2	(IBM name: SMF99PILN) Length of a priority table entry.
zPION	INT	2	(IBM name: SMF99PION) Number of priority table entries (zAAP). There is one priority table entry per dispatching priority.
zZEOF	INT	4	(IBM name: SMF99ZEOF) Offset to internal use section.
zZELN	INT	2	(IBM name: SMF99ZELN) Length of internal use section.
zZEON	INT	2	(IBM name: SMF99ZEON) Number of internal use sections.
zPSOF	INT	4	(IBM name: SMF99PSOF) Offset to priority table entries (zIIP) from the beginning of the record (including RDW).
zPSLN	INT	2	(IBM name: SMF99PSLN) Length of a priority table entry.
zPSON	INT	2	(IBM name: SMF99PSON) Number of priority table entries (zIIP). There is one priority table entry per

			dispatching priority.
zBPOF	INT	4	(IBM name: SMF99BPOF) Offset to internal use section.
zBPLN	INT	2	(IBM name: SMF99BPLN) Length of internal use section.
zBPON	INT	2	(IBM name: SMF99BPON) Number of internal use sections.

Secondary segment: **SMF099#01_Trace_Table_Entry**

Field Name	Type	Len	Description
<i>SMF099#01_Trace_Table_Entry.<fieldname></i>			
zTPID	INT	1	(IBM name: SMF99_TPID) Policy adjustment interval identifier
zTRID	INT	1	(IBM name: SMF99_TRID) Resource adjustment interval identifier.
zTCOD	INT	2	(IBM name: SMF99_TCOD) Trace code.
zTJOB	CHAR	8	(IBM name: SMF99_TJOB) Name of the address space affected by the trace code. This field is blank when the trace code does not apply to a specific address space.
zTLPI	INT	4	(IBM name: SMF99_TLPI) Projected local performance index scaled by 100.
zTSPI	INT	4	(IBM name: SMF99_TSPI) Projected sysplex performance index scaled by 100.
zTGSR	INT	4	(IBM name: SMF99_TGSR) Projected resource group service rate in unweighted CPU service units per second.
zTDT1	INT	4	(IBM name: SMF99_TDT1) Reserved for system use.
zTDT2	INT	4	(IBM name: SMF99_TDT2) Reserved for system use.
zTDT3	INT	4	(IBM name: SMF99_TDT3) Reserved for system use.
zTRGN	CHAR	8	(IBM name: SMF99_TRGN) Resource group name. This field is blank if the service class is not assigned to a resource group.
zTCNM	CHAR	8	(IBM name: SMF99_TCNM) Service class name relating to action.
zTPER	INT	2	(IBM name: SMF99_TPER) Service class period number relating to action.
zTASID	INT	2	(IBM name: SMF99_TASID) Address space ID.
zTDT4	INT	4	(IBM name: SMF99_TDT4) Reserved for system use.
zTFLG	INT	4	(IBM name: SMF99_TFLG) Reserved for system use.

Secondary segment: **SMF099#01_System_State_Information**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF099#01_System_State_Information.<fieldname>			
zCPUA	INT	2	(IBM name: SMF99_CPUA) Processor utilization scaled by 16.
zUMP	INT	2	(IBM name: SMF99_UMP) Recent unmanaged paging and swap cost percentage scaled by 10.
zUIC1	INT	4	(IBM name: SMF99_UIC1) Page frames in UIC bucket 1, see zFRV1 for bucket 1 DELIMITER.
zUIC2	INT	4	(IBM name: SMF99_UIC2) Page frames in UIC bucket 2, see zFRV2 for bucket 2 DELIMITER.
zUIC3	INT	4	(IBM name: SMF99_UIC3) Page frames in UIC bucket 3, see zFRV3 for bucket 3 DELIMITER.
zUIC4	INT	4	(IBM name: SMF99_UIC4) Page frames in UIC bucket 4.
zEUI1	INT	4	(IBM name: SMF99_EUIC1) Expanded storage page frames in expanded UIC bucket 1. see zESTB1 for bucket 1 DELIMITER.
zEUI2	INT	4	(IBM name: SMF99_EUIC2) Expanded storage page frames in expanded UIC bucket 2. See zESTB2 for bucket 2 DELIMITER.
zEUI3	INT	4	(IBM name: SMF99_EUIC3) Page frames in expanded UIC bucket 3. See zESTB3 for bucket 3 DELIMITER.
zEUI4	INT	4	(IBM name: SMF99_EUIC4) Page frames in expanded UIC bucket 4.
zFRV1	INT	2	(IBM name: SMF99_FRV1) UIC delimiter value 1. The delimiter is inclusive (<=).
zFRV2	INT	2	(IBM name: SMF99_FRV2) UIC delimiter value 2. The delimiter is inclusive (<=).
zFRV3	INT	2	(IBM name: SMF99_FRV3) UIC delimiter value 3. The delimiter is inclusive (<=).
zESTB1	INT	2	(IBM name: SMF99_ESTB1) Expanded storage UIC delimiter value 1. The delimiter is inclusive (<=).
zESTB2	INT	2	(IBM name: SMF99_ESTB2) Expanded storage UIC delimiter value 2, The delimiter is inclusive (<=).
zESTB3	INT	2	(IBM name: SMF99_ESTB3) Expanded storage UIC delimiter value 3. The delimiter is inclusive (<=).
zW2MIG	INT	4	(IBM name: SMF99_W2MIG) Expanded storage writes to migrate percentage.
zPTAVAIL	INT	4	(IBM name: SMF99_PTAVAIL) Total processor time available, including captured time plus wait time, in unweighted CPU service units per second.

SMF099#01_System_State_Information.zSHORT_FLAGS.<fieldname>			
zCentral	BIT	1	Central storage shortage exists.
zAux1st	BIT	1	First level auxiliary storage shortage exists.
zAuxCrit	BIT	1	Critical auxiliary storage shortage exists.
zSQA1st	BIT	1	First level SQA storage shortage exists.
zSQACrit	BIT	1	Critical SQA storage shortage exists.

SMF099#01_System_State_Information.zSTATUS_FLAGS.<fieldname>			
---	--	--	--

zDyn1	BIT	1	Dynamic channel path management is active (in balance mode if next bit is off).
zDyn2	BIT	1	Dynamic channel path management goal algorithm is active.
zCOMPAT	BIT	1	Compat mode indication.

SMF099#01_System_State_Information.<fieldname>			
zTOTAL_PAG_COST	INT	2	(IBM name: SMF99_TOTAL_PAG_COST) Recent total paging and swap cost percentage, scaled by 10.
zCPPS	INT	4	(IBM name: SMF99_CPPS) Common protective processor storage target, measured in frame counts.
zILSU_ARRAY	HEX	32	(IBM name: SMF99_ILSU_ARRAY) Array of importance level service units. The first entry contains service units pertaining to importance level zero, the second entry contains service units pertaining to importance level one, and so on. The last entry contains service units pertaining to unused service.
zSUIC1	INT	4	(IBM name: SMF99_SUIC1) Shared central UIC bucket 1, measured in frame counts.
zSUIC2	INT	4	(IBM name: SMF99_SUIC2) Shared central UIC bucket 2, measured in frame counts.
zSUIC3	INT	4	(IBM name: SMF99_SUIC3) Shared central UIC bucket 3, measured in frame counts.
zSUIC4	INT	4	(IBM name: SMF99_SUIC4) Shared central UIC bucket 4, measured in frame counts.
zSEUC1	INT	4	(IBM name: SMF99_SEUC1) Shared expanded UIC, bucket 1, measured in frame counts.
zSEUC2	INT	4	(IBM name: SMF99_SEUC2) Shared expanded UIC, bucket 2, measured in frame counts.
zSEUC3	INT	4	(IBM name: SMF99_SEUC3) Shared expanded UIC, bucket 3, measured in frame counts.
zSEUC4	INT	4	(IBM name: SMF99_SEUC4) Shared expanded UIC, bucket 4, measured in frame counts.
zSTWSS	INT	4	(IBM name: SMF99_STWSS) Shared protective processor storage target, measured in frame counts.
zNUM_EXT_SC	INT	4	(IBM name: SMF99_NUM_EXT_SC) Number of external service classes.
zDEFAULT_IO_VELOCITY	INT	4	(IBM name: SMF99_DEFAULT_IO_VELOCITY) Default I/O velocity. Calculated by IOS at the beginning of each measurement interval during data gathering.
zSU_IFACTOR	INT	4	(IBM name: SMF99_SU_IFACTOR) Service unit inflation factor.
zStgCrit_Hsk_Skip_Clock	INT	2	(IBM name: SMF99_StgCrit_Hsk_Skip_Clock) Storage critical housekeeping skip clock counter for each importance level.
zLS_DISC	INT	4	(IBM name: SMF99_LS_DISC) Frames owned by logically swapped spaces in non-short response time periods that are discretionary.
zCAPWS	INT	4	(IBM name: SMF99_CAPWS) CAP workarea - working set size accumulator.
zSECWS	INT	4	(IBM name: SMF99_SECWS) Number of secondary working set pages for which swap-ins have been started.

zPGINS	INT	4	(IBM name: SMF99_PGINS) Page-ins rate count used for calculating the system paging rate.
zIFA_NORMALIZATION	INT	4	(IBM name: SMF99_IFA_NORMALIZATION) Normalization factor for assist processors.
zCPUS_ONLINE	INT	2	(IBM name: SMF99_CPUS_ONLINE) Number of regular CPs online.
zIFAS_ONLINE	INT	2	(IBM name: SMF99_IFAS_ONLINE) Number of online assist processors.
zIFAA	INT	2	(IBM name: SMF99_IFAA) Average utilization of assist processors, scaled by 16.
zPROA	INT	2	(IBM name: SMF99_PROA) Average utilization of all processors, regular CPs and assist processors, scaled by 16.

SMF099#01_System_State_Information.zIFA_FLAGS.<fieldname>

zAssistR	BIT	1	Assist processor work may be executed on regular CPs
zAssistP	BIT	1	Assist processor work may run on regular CPs at priority

SMF099#01_System_State_Information.<fieldname>

zFREE_LPAR_CAPACITY_WT_RELATED	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_WT_RELATED) Free LPAR capacity based on the accumulated logical CPU wait times.
zFREE_LPAR_CAPACITY_GUARANTEED	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_GUARANTEED) Free LPAR capacity which is always available based on the LPAR weight.
zFREE_LPAR_CAPACITY_CEC_RELATED	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_CEC_RELATED) Free LPAR capacity which is the total of what is always available to the LPAR and the portion of the unused capacity of the CEC.
zFREE_LPAR_CAPACITY_LCP_CONFIG	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_LCP_CONFIG) Free LPAR capacity based on the configured LCPs.
zITAVAIL	INT	4	(IBM name: SMF99_ITAVAIL) Total zAAP time.
zSUP_NORMALIZATION	INT	4	(IBM name: SMF99_SUP_NORMALIZATION) Normalization factor for zIIPs.
zSUPS_ONLINE	INT	2	(IBM name: SMF99_SUPS_ONLINE) Number of online zIIPs.
zSUPA	INT	2	(IBM name: SMF99_SUPA) Average utilization of zIIPs, scaled by 16.
zGUARANTEED_IMAGE_CAPACITY	INT	4	(IBM name: SMF99_GUARANTEED_IMAGE_CAPACITY) Guaranteed image capacity available to MVS image in service units per minute.
zZAAP_ILSU_ARRAY	HEX	32	(IBM name: SMF99_ZAAP_ILSU_ARRAY) Array of importance level service units of zAAPs.
zZIIP_ILSU_ARRAY	HEX	32	(IBM name: SMF99_ZIIP_ILSU_ARRAY) Array of importance level service units of zIIPs.
zCCTINTHD	INT	2	(IBM name: SMF99_CCTINTHD) OPT parameter BLWLINTHD for starvation threshold.
zCCTTRPCT	INT	2	(IBM name: SMF99_CCTTRPCT) OPT parameter BLWLTRPCT for percentage of CP trickling.
zCCTTRATE	INT	4	(IBM name: SMF99_CCTTRATE) Maximum number of trickles per second.
zCCCTTSH	INT	4	

			(IBM name: SMF99_CCCTTSH) Length of major time slice, which is also the length of trickle.
zCCTRC100	INT	4	(IBM name: SMF99_CCTRC100) Number of times that CP utilization is 100 % in the current interval.
zCCTRCDSP	INT	4	(IBM name: SMF99_CCTRCDSP) Number of times that dispatcher was called to do trickle in the current interval.
zCCTRCUSE	INT	4	(IBM name: SMF99_CCTRCUSE) Number of trickles used in the current interval.
zCCTRCWTR	INT	4	(IBM name: SMF99_CCTRCWTR) Number of address spaces or enclaves waiting longer than the threshold.
zCCCITTSH	INT	4	(IBM name: SMF99_CCCITTSH) Length of initial task time slice.
zSTAVAIL	INT	4	(IBM name: SMF99_STAVAIL) Total zIIP processor time available.
zFREE_LPAR_CAPACITY_WT_RELATED_ZAAP	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_WT_RELATED_ZAAP) Free zAAP LPAR capacity based on the accumulated logical zAAP wait times.
zFREE_LPAR_CAPACITY_GUARANTEED_ZAAP	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_GUARANTEED_ZAAP) Free zAAP LPAR capacity which is always available based on the zAAP LPAR weight.
zFREE_LPAR_CAPACITY_CEC_RELATED_ZAAP	INT	4	(IBM name: N/A) Free zAAP LPAR capacity which is the total of what RELATD_ZAAP is always available to the LPAR and the portion of the unused zAAP capacity of the CEC.
zFREE_LPAR_CAPACITY_LCP_CONFIG_ZAAP	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_LCP_CONFIG_ZAAP) Free zAAP LPAR capacity based on the configured logical zAAPs.
zFREE_LPAR_CAPACITY_WT_RELATED_ZIIP	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_WT_RELATED_ZIIP) Free zIIP LPAR capacity based on the accumulated logical zIIP wait times.
zFREE_LPAR_CAPACITY_GUARANTEED_ZIIP	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_GUARANTEED_ZIIP) Free zIIP LPAR capacity which is always available based on the zIIP LPAR weight.
zFREE_LPAR_CAPACITY_CEC_RELATED_ZIIP	INT	4	(IBM name: N/A) Free zIIP LPAR capacity which is the total of what is RELATD_ZIIP always available to the LPAR and the portion of the unused zIIP capacity of the CEC.
zFREE_LPAR_CAPACITY_LCP_CONFIG_ZIIP	INT	4	(IBM name: SMF99_FREE_LPAR_CAPACITY_LCP_CONFIG_ZIIP) Free zIIP LPAR capacity based on the configured logical zIIPs.
zSVTWTSS	INT	4	(IBM name: SMF99_SVTWTSS) Short wait time slice.

SMF099#01_System_State_Information.z_BoostInfo.<fieldname>

z_zIIP_Boost	BIT	1	zIIP boost was active at some point within the interval.
z_Speed_Boost	BIT	1	Speed boost was active at some point within the interval.
z_IPL_Boost	BIT	1	IPL boost has been activated. Once set, this flag never gets reset.
z_Shutdown_Boost	BIT	1	Shutdown boost has been activated. Once set, this flag never gets reset.
z_Boost_Class		3	

	BINT (ENUM)		
--	----------------	--	--

Secondary segment: SMF099#01_System_Paging_Plot_Information

Field Name	Type	Len	Description
<i>SMF099#01_System_Paging_Plot_Information.<fieldname></i>			
zPAGP_BW	INT	4	(IBM name: SMF99_PAGP_BW) Size of each x bucket width. X is the system wide page fault rate in page faults per second.
zPAGP_LSTX	INT	4	(IBM name: SMF99_PAGP_LSTX) Last plotted x bucket index.
zPAGP_POINTS_OF	INT	4	(IBM name: SMF99_PAGP_POINTS_OF) Offset of plot point entries from beginning of the record (including RDW).
zPAGP_POINTS_ON	INT	2	(IBM name: SMF99_PAGP_POINTS_ON) Number of plot point entries.
zPAGP_POINTS_LN	INT	2	(IBM name: SMF99_PAGP_POINTS_LN) Length of a plot point entry.

Secondary segment: SMF099#01_Plot_Curve_Point_Entry

Field Name	Type	Len	Description
<i>SMF099#01_Plot_Curve_Point_Entry.<fieldname></i>			
zPLOT_XVAL	INT	4	(IBM name: SMF99_2PLOT_XVAL) X value of point plotted in a bucket
zPLOT_Y1VAL	INT	4	(IBM name: SMF99_2PLOT_Y1VAL) Y value of point plotted on 1st curve
zPLOT_Y2VAL	INT	4	(IBM name: SMF99_2PLOT_Y2VAL) Y value of point plotted on 2nd curve

Secondary segment: SMF099#01_Priority_Table_Entry

Field Name	Type	Len	Description
<i>SMF099#01_Priority_Table_Entry.<fieldname></i>			
zPTPRTY	INT	2	(IBM name: SMF99_PTPRTY) Dispatching priority, after policy adjustment.
zPTNP	INT	2	(IBM name: SMF99_PTNP) New dispatching priority, after unbunching.
zPTIMDP	INT	4	(IBM name: SMF99_PTIMDP) Initial maximum percentage of processor demanded at priority, initial value before any priority moves.
zPTPMDP	INT	4	(IBM name: SMF99_PTPMDP) Projected maximum percentage of processor demanded at priority.
zPTCPUU	INT	4	(IBM name: SMF99_PTCPUU) CPU using samples at priority found in the last 10 SECONDS.
zPTCPUD	INT	4	(IBM name: SMF99_PTCPUD) CPU delay samples at priority found in the last 10 SECONDS.
zPTW2UR	INT	4	(IBM name: SMF99_PTW2UR) Wait-to-using ratio at priority scaled by 16.

zPTAPU	INT	4	(IBM name: SMF99_PTAPU) Actual measured processor used at priority in unweighted CPU service units per second.
zPTPPU	INT	4	(IBM name: SMF99_PTPPU) Projected processor time to be used at priority in unweighted CPU service units per second.
zPTACMD	INT	4	(IBM name: SMF99_PTACMD) Achievable cumulative maximum demand percentage scaled by 10.
zPTIMAXD	INT	4	(IBM name: SMF99_PTIMAXD) Initial cumulative maximum demand percentage scaled by 10.
zPTWMAXD	INT	4	(IBM name: SMF99_PTWMAXD) Projected cumulative maximum demand percentage scaled by 10.
zPTIAMTW	INT	4	(IBM name: SMF99_PTIAMTW) Initial average mean time to wait in unweighted CPU service units per second scaled by 1000.
zPTWAMTW	INT	4	(IBM name: SMF99_PTWAMTW) Projected average mean time to wait in unweighted CPU service units per second scaled by 1000.
zPTSCPUU	INT	4	(IBM name: SMF99_PTSCPUU) Sample based CPU using samples at priority.
zPTSCPUD	INT	4	(IBM name: SMF99_PTSCPUD) Sample based CPU delay samples at priority.

Secondary segment: SMF099#01_Priority_Table_Entry_zAAP

Field Name	Type	Len	Description
<i>SMF099#01_Priority_Table_Entry_zAAP.<fieldname></i>			
zPTPRTY	INT	2	(IBM name: SMF99_PTPRTY) Dispatching priority, after policy adjustment.
zPTNP	INT	2	(IBM name: SMF99_PTNP) New dispatching priority, after unbunching.
zPTIMDP	INT	4	(IBM name: SMF99_PTIMDP) Initial maximum percentage of processor demanded at priority, initial value before any priority moves.
zPTPMDP	INT	4	(IBM name: SMF99_PTPMDP) Projected maximum percentage of processor demanded at priority.
zPTCPUU	INT	4	(IBM name: SMF99_PTCPUU) CPU using samples at priority found in the last 10 SECONDS.
zPTCPUD	INT	4	(IBM name: SMF99_PTCPUD) CPU delay samples at priority found in the last 10 SECONDS.
zPTW2UR	INT	4	(IBM name: SMF99_PTW2UR) Wait-to-using ratio at priority scaled by 16.
zPTAPU	INT	4	(IBM name: SMF99_PTAPU) Actual measured processor used at priority in unweighted CPU service units per second.
zPTPPU	INT	4	(IBM name: SMF99_PTPPU) Projected processor time to be used at priority in unweighted CPU service units per second.
zPTACMD	INT	4	(IBM name: SMF99_PTACMD) Achievable cumulative maximum demand percentage scaled by 10.
zPTIMAXD	INT	4	(IBM name: SMF99_PTIMAXD) Initial cumulative maximum demand percentage scaled by 10.
zPTWMAXD	INT	4	(IBM name: SMF99_PTWMAXD) Projected cumulative maximum demand percentage scaled by 10.
zPTIAMTW	INT	4	

			(IBM name: SMF99_PTAMTW) Initial average mean time to wait in unweighted CPU service units per second scaled by 1000.
zPTWAMTW	INT	4	(IBM name: SMF99_PTWAMTW) Projected average mean time to wait in unweighted CPU service units per second scaled by 1000.
zPTSCPUU	INT	4	(IBM name: SMF99_PTSCPUU) Sample based CPU using samples at priority.
zPTSCPUD	INT	4	(IBM name: SMF99_PTSCPUD) Sample based CPU delay samples at priority.

Secondary segment: SMF099#01_Priority_Table_Entry_zIIP

Field Name	Type	Len	Description
<i>SMF099#01_Priority_Table_Entry_zIIP.<fieldname></i>			
zPTPRTY	INT	2	(IBM name: SMF99_PTPRTY) Dispatching priority, after policy adjustment.
zPTNP	INT	2	(IBM name: SMF99_PTNP) New dispatching priority, after unbunching.
zPTIMDP	INT	4	(IBM name: SMF99_PTIMDP) Initial maximum percentage of processor demanded at priority, initial value before any priority moves.
zPTPMDP	INT	4	(IBM name: SMF99_PTPMDP) Projected maximum percentage of processor demanded at priority.
zPTCPUU	INT	4	(IBM name: SMF99_PTCPUU) CPU using samples at priority found in the last 10 SECONDS.
zPTCPUD	INT	4	(IBM name: SMF99_PTCPUD) CPU delay samples at priority found in the last 10 SECONDS.
zPTW2UR	INT	4	(IBM name: SMF99_PTW2UR) Wait-to-using ratio at priority scaled by 16.
zPTAPU	INT	4	(IBM name: SMF99_PTAPU) Actual measured processor used at priority in unweighted CPU service units per second.
zPTPPU	INT	4	(IBM name: SMF99_PTPPU) Projected processor time to be used at priority in unweighted CPU service units per second.
zPTACMD	INT	4	(IBM name: SMF99_PTACMD) Achievable cumulative maximum demand percentage scaled by 10.
zPTIMAXD	INT	4	(IBM name: SMF99_PTIMAXD) Initial cumulative maximum demand percentage scaled by 10.
zPTWMAXD	INT	4	(IBM name: SMF99_PTWMAXD) Projected cumulative maximum demand percentage scaled by 10.
zPTIAMTW	INT	4	(IBM name: SMF99_PTAMTW) Initial average mean time to wait in unweighted CPU service units per second scaled by 1000.
zPTWAMTW	INT	4	(IBM name: SMF99_PTWAMTW) Projected average mean time to wait in unweighted CPU service units per second scaled by 1000.
zPTSCPUU	INT	4	(IBM name: SMF99_PTSCPUU) Sample based CPU using samples at priority.
zPTSCPUD	INT	4	(IBM name: SMF99_PTSCPUD) Sample based CPU delay samples at priority.

Secondary segment: SMF099#01_Resource_Group_Entry

Field Name	Type	Len	Description
<i>SMF099#01_Resource_Group_Entry.<fieldname></i>			
zRGNAME	CHAR	8	(IBM name: SMF99_RGNAME) Resource group name
zMIN_SR	INT	4	(IBM name: SMF99_MIN_SR) Minimum service rate for the resource group in unweighted CPU service units per second. When there is no minimum defined, this field is 0.
zMAX_SR	INT	4	(IBM name: SMF99_MAX_SR) Maximum service rate for the resource group in unweighted CPU service units per second. When there is no maximum defined, this field is X'7FFFFFFF'.
zACT_SR	INT	4	(IBM name: SMF99_ACT_SR) Service rate received in the last policy adjustment interval on the local system in unweighted CPU service units per second.
zSPAS	INT	4	(IBM name: SMF99_SPAS) Service per non-capped slice in unweighted CPU service units per second.
zSLICES	INT	2	(IBM name: SMF99_SLICES) The number of cap slices in which work in this resource group was capped.
zRHELPCNT0	INT	2	(IBM name: SMF99_RHELPCNT0) A count of the systems that can help special system address spaces (work at importance 0). The count can include any systems in the sysplex running in goal mode other than the local system.
zRHELPCNT1	INT	2	(IBM name: SMF99_RHELPCNT1) A count of the systems that can help work at importance 1. The count can include any systems in the sysplex running in goal mode other than the local system.
zRHELPCNT2	INT	2	(IBM name: SMF99_RHELPCNT2) A count of the systems that can help work at importance 2. The count can include any systems in the sysplex running in goal mode other than the local system.
zRHELPCNT3	INT	2	(IBM name: SMF99_RHELPCNT3) A count of the systems that can help work at importance 3. The count can include any systems in the sysplex running in goal mode other than the local system.
zRHELPCNT4	INT	2	(IBM name: SMF99_RHELPCNT4) A count of the systems that can help work at importance 4. The count can include any systems in the sysplex running in goal mode other than the local system.
zRHELPCNT5	INT	2	(IBM name: SMF99_RHELPCNT5) A count of the systems that can help work at importance 5. The count can include any systems in the sysplex running in goal mode other than the local system.
zRHELPCNT6	INT	2	(IBM name: SMF99_RHELPCNT6) A count of the systems that can help discretionary work (work at importance 6). The count can include any systems in the sysplex running in goal mode other than the local system.

<i>SMF099#01_Resource_Group_Entry.zLHELP_FLGS.<fieldname></i>			
zHelp0	BIT	1	Local system can help work at importance 0
zHelp1	BIT	1	Local system can help work at importance 1
zHelp2	BIT	1	Local system can help work at importance 2
zHelp3	BIT	1	Local system can help work at importance 3
zHelp4	BIT	1	Local system can help work at importance 4
zHelp5	BIT	1	Local system can help work at importance 5
zHelp6	BIT	1	Local system can help work at importance 6

<i>SMF099#01_Resource_Group_Entry.zRG_FLAGS.<fieldname></i>			
---	--	--	--

zRgDyn	BIT	1	Indicates that the resource group is dynamic
zRgPcTot	BIT	1	Indicates that the resource group capacity is specified in percentage of the total LPAR capacity
zRgPcSng	BIT	1	Indicates that the resource group capacity is specified in percentage of a single processor capacity
zRgMSUh	BIT	1	Indicates that the resource group capacity is specified in MSU/h
zRgRaw	BIT	1	Indicates that the resource group capacity is specified in raw service units
zSpecInc	BIT	1	Indicates that specialty processor consumption is included in the group consumption
zRgTenant	BIT	1	Indicates that the resource group is a tenant resource group

SMF099#01_Resource_Group_Entry.<fieldname>			
zRG_PERC_MIN	INT	4	(IBM name: SMF_RG_PERC_MIN) Percentage min value, if min/max are specified in percentages or MSU min value if min/max specified in MSU
zRG_PERC_MAX	INT	4	(IBM name: SMF_RG_PERC_MAX) Percentage max value, if min/max are specified in percentages or MSU min value if min/max specified in MSU
zRG_MEM_LIMIT	INT	4	(IBM name: SMF99_RG_MEM_LIMIT) Maximum memory limit in GB
zRG_LACS	INT	4	(IBM name: SMF99_RG_LACS) Tenant resource group long-term average of CPU service in MSU/h. Only valid if Bit 6 0F zRG_FLAGS is ON
zRG_SUsIFA	INT	8	(IBM name: SMF99_RG_SUsIFA) Tenant resource group's aggregated IFA service units. Only valid if Bit 6 0F zRG_FLAGS is ON
zRG_SUsSUP	INT	8	(IBM name: SMF99_RG_SUsSUP) Tenant resource group's aggregated SUP service units. Only valid if Bit 6 0F zRG_FLAGS is ON
zRG_MEMSMPCNT	INT	4	(IBM name: SMF99_RG_MEMSMPCNT) Number of times storage frames were sampled in SMF99_RG_FRAMECNT
zRG_FRAMECNT	INT	8	(IBM name: SMF99_RG_FRAMECNT) Tenant resource group's aggregated amount of storage frames (4K + 1M + 2G, normalized to 4K). Only valid if tenant resource group.

Secondary segment: **SMF099#01_Generic_Resource_Entry**

Field Name	Type	Len	Description
SMF099#01_Generic_Resource_Entry.<fieldname>			
zGR_SYSNAME	CHAR	8	(IBM name: SMF99_GR_SYSNAME) Name of the system where the sessions were routed.
zGR_TSO	INT	4	(IBM name: SMF99_GR_TSO) Number of TSO sessions that were routed in the last 10 _SESSIONS_ROUTED seconds to the system named by zGR_SYSNAME.
zGR_NONTSO	INT	4	(IBM name: SMF99_GR_NONTSO) Number of non-TSO sessions that were routed in the _SESSIONS_ROUTED last 10 SECONDS to the system named by zGR_SYSNAME.
zGR_TSO_AVG_COST	INT	4	(IBM name: SMF99_GR_TSO_AVG_COST) Average cost of a TSO session in raw CPU service units on the system named by zGR_SYSNAME.
zGR__TSO_PI	INT	4	(IBM name: SMF99_GR__TSO_PI) Weighted average of PI of service class periods running TSO work on the system named by zGR_SYSNAME.

zGR_FLAGS	INT	4	(IBM name: SMF99_GR_FLAGS) Generic resource flags. Bit Meaning when set 0 THE system named by zGR_SYSNAME had a shortage that may have caused a session to not be routed to it. 1-31 Reserved.
zGR_SERVICE_BY_IMPORTANCE	HEX	32	(IBM name: SMF99_GR_SERVICE_BY_IMPORTANCE) A single entry in the array of Importance Level Service Units, containing the number of raw CPU service units consumed by work at this importance level (or unused) over the last 10 SECONDS. The entries are indexed with an origin of zero so that the index matches the importance level to which the entry pertains. An index of zero indicates system work and an index of 7 INDICATES unused capacity.

Secondary segment: **SMF099#01_Software_Licensing_Information**

Field Name	Type	Len	Description
<i>SMF099#01_Software_Licensing_Information.<fieldname></i>			
SMF099#01_Software_Licensing_Information.zSLConfigFlags.<fieldname>			
zStoreSys	BIT	1	Indicates that the machine supports the store system information instruction.
zLogPtn	BIT	1	Indicates that MVS is running in a logical partition
zVM	BIT	1	Indicates that MVS is running in a virtual machine
zCPUsShrES	BIT	1	Indicates that the logical CPUs are shared with other partitions
zCapped	BIT	1	Indicates that the logical partition is configured to be capped (as opposed to being capped by WLM)

SMF099#01_Software_Licensing_Information.zSLStateFlags.<fieldname>			
zWLMCapped	BIT	1	Indicates that the logical partition is capped by WLM

SMF099#01_Software_Licensing_Information.<fieldname>			
zSLImgCapacity	INT	4	(IBM name: SMF99_SLImgCapacity) Capacity available to MVS image in millions of service units per hour, when not running as VM guest. If running as VM guest, capacity available to VM.
zSLCecCapacity	INT	4	(IBM name: SMF99_SLCecCapacity) Capacity of CEC in millions of service units per hour.
zSLCecCpuCount	INT	2	(IBM name: SMF99_SLCecCpuCount) Number of available CPUs in the CEC. This includes online and offline CPUs. It does not include reserved CPUs (CPUs that can be added through Capacity Upgrade on Demand).
zSLLogicalCpuCount	INT	2	(IBM name: SMF99_SLLogicalCpuCount) Number of available CPUs in the logical partition. This includes online and offline CPUs. It does not include reserved CPUs (CPUs that can be added through Capacity Upgrade on Demand).
zSLCecServiceUnitsPerSecToShare	INT	4	(IBM name: SMF99_SLCecServiceUnitsPerSecToShare) The CEC capacity in basic-mode service units per second that is available for sharing among partitions using shared logical processors.
zSLImgMsuAtCurrentWeight	INT	4	(IBM name: SMF99_SLImgMsuAtCurrentWeight) MVS image capacity in millions of service units per hour that is represented by the partition's current weight.
zSLAvgMsu	INT	4	(IBM name: SMF99_SLAvgMsu) Average service rate in millions of service units per hour. This is a long-term average.
zSLAvgMsuCapped	INT	4	(IBM name: SMF99_SLAvgMsuCapped) Average service rate in millions of service units per hour while the partition was capped. This is a short-term average.

zSLAvgMsuUncapped	INT	4	(IBM name: SMF99_SLAvgMsuUncapped) Average service rate in millions of service units per hour while the partition was uncapped. This is a short-term average.
zSLIntervalService	INT	4	(IBM name: SMF99_SLIntervalService) Service units over last policy adjustment interval. NOTE: The service units are calculated using the MP factor for the number of physical CPUs, not the number of logical CPUs. This is consistent with how capacity is measured for software licensing. These service units cannot be directly compared to other service units calculated by SRM.
zSLIntervalTime	INT	4	(IBM name: SMF99_SLIntervalTime) Elapsed time over last policy adjustment interval in 1.024 milliseconds.
zSLRollInterval	INT	2	(IBM name: SMF99_SLRollInterval) Number of policy adjustment intervals between computation of average service rate.
zSLServiceTableIntervals	INT	2	(IBM name: SMF99_SLServiceTableIntervals) Number of consecutive policy adjustment intervals that have passed since the last time that the service table was updated.
zSLIntervalsToCap	INT	2	(IBM name: SMF99_SLIntervalsToCap) Number of consecutive policy adjustment intervals to cap the partition.
zSLIntervalsToUncap	INT	2	(IBM name: SMF99_SLIntervalsToUncap) Number of consecutive policy adjustment intervals to uncap the partition.
zSLPatternIntervalCount	INT	2	(IBM name: SMF99_SLPatternIntervalCount) Number of consecutive policy adjustment intervals that have passed in the current cap/uncap state indicated by zSLCap-pedByWlm.
zSL_Query_Response_Code	INT	4	(IBM name: SMF99_SL_Query_Response_Code) Response code from the last 'query' for LPAR information.
zSL_Setcap_Response_Code	INT	4	(IBM name: SMF99_SL_Setcap_Response_Code) Response code from the last attempt to set capping flags.
zSLUnusedScaling	INT	1	(IBM name: SMF99_SLUnusedScaling) Scaling factor of unused group capacity which is stored in 48 BUCKETS in the service table.
zHardwareGroupname	CHAR	8	(IBM name: SMF99_HardwareGroupname) Hardware group name.
zHardwareGroupCpuTypeCapCp	INT	4	(IBM name: SMF99_HardwareGroupCpuTypeCapCp) Hardware group is capped by PR/SM to a limit which is defined in hundredths of processor units.
zHardwareGroupCpuTypeCapZaap	INT	4	(IBM name: SMF99_HardwareGroupCpuTypeCapZaap) Hardware Group is capped by PR/SM to a limit which is defined in hundredths of processor units.
zHardwareGroupCpuTypeCapZiip	INT	4	(IBM name: SMF99_HardwareGroupCpuTypeCapZiip) Hardware Group is capped by PR/SM to a limit which is defined in hundredths of processor units.
zRTCapLeadTime	INT	2	(IBM name: SMF99_RTCapLeadTime) Current value of IEAOPTxx parameter RTCAPLEADTIME (minutes).
zTime_To_Cap	INT	2	(IBM name: SMF99_Time_To_Cap) Estimated remaining time, in seconds, before the system is capped due to the defined capacity limit.
zTime_To_Cap_Group	INT	2	(IBM name: SMF99_Time_To_Cap_Group) Estimated remaining time, in seconds, before the system is capped due to the group capacity limit.

Secondary segment: **SMF099#01_Software_Licensing_Table_Information**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF099#01_Software_Licensing_Table_Information.<fieldname>			
zSLTServiceUncapped	INT	4	(IBM name: SMF99_SLTServiceUncapped) Basic-mode service units accumulated while the partition was uncapped. NOTE: The service units are calculated using the MP factor for the number of physical CPUs, not the number of logical CPUs. This is consistent with how capacity is measured for software licensing. These service units cannot be directly compared to other service units calculated in SRM.
zSLTServiceCapped	INT	4	(IBM name: SMF99_SLTServiceCapped) Basic-mode service units accumulated while the partition was capped. NOTE: The service units are calculated using the MP factor for the number of physical CPUs, not the number of logical CPUs. This is consistent with how capacity is measured for software licensing. These service units cannot be directly compared to other service units calculated in SRM.
zSLTServiceUncappedCount	INT	2	(IBM name: SMF99_SLTServiceUncappedCount) Number of seconds that the partition was uncapped
zSLTServiceCappedCount	INT	2	(IBM name: SMF99_SLTServiceCappedCount) Number of seconds that the partition was capped
zSLTServiceLastUpdateInterval	INT	1	(IBM name: SMF99_SLTServiceLastUpdateInterval) Policy adjustment interval ID when this entry was last updated. This field is set in goal mode only. Since the ID is only 1 BYTE, it will wrap multiple times over the course of the table. (That is, the time span of the table is greater than 255 INTERVALS so the interval IDs will wrap around.)
zSLTServiceUnusedGroupCapacity	INT	4	(IBM name: SMF99_SLTServiceUnusedGroupCapacity) Service units allowed by the group capacity limit but not consumed by the members of the group

Record Type 99 Subtype 2 - Service Class Activity

Primary Segment:

- [SMF099#02_SRM_Service_Classes](#)

Secondary Segment(s): 12 (in alphabetical order)

- [SMF099#02_Address_Space_ExpStgAccess](#)
- [SMF099#02_Class_Data](#)
- [SMF099#02_Cross_Memory_Delay_Entry](#)
- [SMF099#02_EWLM_Class_Data](#)
- [SMF099#02_IO_Subsystems_Samples_Data](#)
- [SMF099#02_Period_Data](#)
- [SMF099#02_Product_Information](#)
- [SMF099#02_Queue_Server_Data_Entry](#)
- [SMF099#02_Remote_Queue_Server_Data_Entry](#)
- [SMF099#02_Self_Defining_Section](#)
- [SMF099#02_Server_Data_Entry](#)
- [SMF099#02_Server_Sample_Data_Entry](#)

Primary segment: [SMF099#02_SRM_Service_Classes](#)

Field Name	Type	Len	Description
<i>SMF099#02_SRM_Service_Classes.<fieldname></i>			
<i>SMF099#02_SRM_Service_Classes.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

<i>SMF099#02_SRM_Service_Classes.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#02_Product_Information

Field Name	Type	Len	Description
<i>SMF099#02_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)
<i>SMF099#02_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#02_Self_Defining_Section

Field Name	Type	Len	Description
<i>SMF099#02_Self_Defining_Section.<fieldname></i>			
z2COF	INT	4	(IBM name: N/A) Offset to class data sections from beginning of the record.
z2CLN	INT	2	(IBM name: SMF992CLN) Length of class data sections.
z2CON	INT	2	(IBM name: SMF992CON) Number of class data sections. There is one per service class.
z2CPOF	INT	4	(IBM name: SMF992CPOF) Offset to period data section from beginning of record (including RDW).
z2CPLN	INT	2	(IBM name: SMF992CPLN) Length of period data section.
z2CPON	INT	2	(IBM name: SMF992CPON) Number of period data sections.
z2ECOF	INT	4	(IBM name: SMF992ECOF) Offset to EWLM class section from beginning of record (including RDW).
z2ECLN	INT	2	(IBM name: SMF992ECLN) Length of EWLM class section.
z2ECON	INT	2	(IBM name: SMF992ECON) Number of EWLM class section.

Secondary segment: SMF099#02_Class_Data

Field Name	Type	Len	Description
<i>SMF099#02_Class_Data.<fieldname></i>			
zCNAM	CHAR	8	(IBM name: SMF99_CNAM) Service class name.

zCGRN	CHAR	8	(IBM name: SMF99_CGRN) Resource group name associated with the service class. This field is blank when there is no assigned resource group.
zCNUMP	INT	2	(IBM name: SMF99_CNUMP) The number of periods in this service class.
zCINDEX	INT	2	(IBM name: SMF99_CINDEX) Service class index.

Secondary segment: SMF099#02_EWLM_Class_Data

Field Name	Type	Len	Description
<i>SMF099#02_EWLM_Class_Data.<fieldname></i>			
zEWLM_CNAM	CHAR	64	(IBM name: SMF99_EWLM_CNAM) Long EWLM service class name from EWLM domain policy.
zEWLM_CKEY	INT	2	(IBM name: SMF99_EWLM_CKEY) EWLM service class key.

Secondary segment: SMF099#02_Period_Data

Field Name	Type	Len	Description
<i>SMF099#02_Period_Data.<fieldname></i>			
zPCNM	CHAR	8	(IBM name: SMF99_PCNM) Service class name associated with the service class period.
zPNUM	INT	2	(IBM name: SMF99_PNUM) Period number.
zPGOALTYP	INT	1	(IBM name: SMF99_PGOALTYP) Goal type Value Meaning 0 SYSTEM component address space, SYSSTC, or server goal 1 SHORT response time (less than or equal to 20 SECONDS). 2 LONG response time (greater than 20 SECONDS). 3 VELOCITY 4 DISCRETIONARY If the goal type is a response time goal, you should check the response-time percentage field (SMF99_P RTP). If the field is zero, then the response time goal is an average response time type. If there is a percentage filled in, then the response time goal is a percentage response time type. * 1 BINARY Reserved.
zPGOALVAL	INT	4	(IBM name: SMF99_PGOALVAL) Goal value: For a response time goal, this is in milliseconds. For a velocity goal, this is a number from 1 TO 99. For a discretionary goal, this is zero.
zPIMPOR	INT	2	(IBM name: SMF99_PIMPOR) Importance.
zPBDP	INT	1	(IBM name: SMF99_PBDP) Base dispatching priority. * 1 BINARY Reserved.
zPMPLI	INT	2	(IBM name: SMF99_PMPLI) MPL in-target.
zPMPLO	INT	2	(IBM name: SMF99_PMPLO) MPL out-target.
zPAMTA	INT	4	(IBM name: SMF99_PAMTA) Average maximum MPL target achieved.
zPRUA	INT	4	(IBM name: SMF99_PRUA) Average number of ready users.
zPLRUA	INT	4	(IBM name: SMF99_PLRUA) Long term ready user average scaled by 16.
zPPSPT	INT	4	

			(IBM name: SMF99_PPSPT) Length of time swapped address spaces are protected in processor storage in milliseconds.
zPPSITAR	INT	4	(IBM name: SMF99_PPSITAR) Protective processor storage target for each address space in the period. This is valid only for periods with short response time goals. For all other work, it is zero.
zPESPOL	INT	1	(IBM name: SMF99_PESPOL) Expanded storage policy for demand pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available This is valid only for periods with short response time goals.
zPESVIO	INT	1	(IBM name: SMF99_PESVIO) Expanded storage policy for VIO pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available This is valid only for periods with short response time goals.
zPESHSP	INT	1	(IBM name: SMF99_PESHSP) Expanded storage policy for hiperspace pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available This is valid only for periods consisting of short response time goals.
zPESSWAP	INT	1	(IBM name: SMF99_PESSWAP) Expanded storage policy for swap pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available
zPPROT	INT	2	(IBM name: SMF99_PPROT) Number of address spaces with demand pages protected in processor storage. This is valid for all periods except those with short response time goals.
zPLRU	INT	2	(IBM name: SMF99_PLRU) Number of address spaces with demand pages subject to LRU expanded storage policy. This is valid for all periods except those with short response time goals.
zPSPAV	INT	2	(IBM name: SMF99_PSPAV) Number of address spaces with demand pages subject to space available expanded storage policy. This is valid for all periods except those with short response time goals.
zPVIOL	INT	2	(IBM name: SMF99_PVIOL) Number of address spaces with VIO pages subject to LRU expanded storage policy. This is valid for all periods except those with short response time goals.
zPVIOS	INT	2	(IBM name: SMF99_PVIOS) Number of address spaces with VIO pages subject to space available expanded storage policy. This is valid for all periods except those with short response time goals.
zPHSPL	INT	2	(IBM name: SMF99_PHSPL) Number of address spaces with hiperspace pages subject to LRU expanded storage policy. This is valid for all periods except those with short response time goals.
zPHSPS	INT	2	(IBM name: SMF99_PHSPS) Number of address spaces with hiperspace pages subject to space available expanded storage policy. This is valid for all periods except those with short response time goals.
zPESCS	INT	2	(IBM name: SMF99_PESCS) Number of explicit storage critical classified address spaces.
zPLPI	INT	4	(IBM name: SMF99_PLPI) Local performance index achieved scaled by 100.
zPSPI	INT	4	(IBM name: SMF99_PSPI) Sysplex performance index achieved scaled by 100.
zPSERV	INT	4	(IBM name: SMF99_PSERV) Service accumulated during policy adjustment interval in unweighted CPU service units.
zPMDP	INT	4	(IBM name: SMF99_PMDP) Maximum percentage of processor time demanded.
zPLCPUU	INT	4	(IBM name: SMF99_PLCPUU) CPU using samples during last policy adjustment interval.

zPLCPUD	INT	4	(IBM name: SMF99_PLCPUD) CPU delay samples during last policy adjustment interval.
zPMTTWA	INT	4	(IBM name: SMF99_PMTTWA) Mean time to wait adjusted by the maximum mean time to wait.
zPADP	INT	4	(IBM name: SMF99_PADP) Working variable for achievable demand percentage.
zPASERC	INT	4	(IBM name: SMF99_PASERC) Average service accumulated over management window in unweighted CPU service units per second.
zPPRSER	INT	4	(IBM name: SMF99_PPRSER) Projected service in unweighted CPU service units per second.
zPIDLE	INT	4	(IBM name: SMF99_PIDLE) Idle samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPOTHR	INT	4	(IBM name: SMF99_POTHR) Unknown state samples.
zPCPUU	INT	4	(IBM name: SMF99_PCPUU) CPU using samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPCPUD	INT	4	(IBM name: SMF99_PCPUD) CPU delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPAUXP	INT	4	(IBM name: SMF99_PAUXP) Primary private area paging from auxiliary storage delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPAUXC	INT	4	(IBM name: SMF99_PAUXC) Common area paging from auxiliary storage delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPVIO	INT	4	(IBM name: SMF99_PVIO) VIO from auxiliary storage delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPHSS	INT	4	(IBM name: SMF99_PHSS) Scroll hiperspace from auxiliary storage delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPHSC	INT	4	(IBM name: SMF99_PHSC) Cache hiperspace from auxiliary storage delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPASWP	INT	4	(IBM name: SMF99_PASWP) Swap from auxiliary storage delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPMPLD	INT	4	(IBM name: SMF99_PMPLD) MPL delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPCAPD	INT	4	(IBM name: SMF99_PCAPD) CPU capping delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPXMO	INT	4	(IBM name: SMF99_PXMO) Other cross memory address spaces paging from auxiliary storage delay samples not included in the samples listed in SubType 2 CROSS memory data. The samples are collected over an interval long enough to collect a representative number of samples.
zPXMEM_OF	INT	4	(IBM name: SMF99_PXMEM_OF) Offset to cross memory delay entries from beginning of record (including RDW).
zPXMEM_LN	INT	2	

			(IBM name: SMF99_PXMEM_LN) Length of each cross memory delay entry.
zPXMEM_ON	INT	2	(IBM name: SMF99_PXMEM_ON) Number of cross memory delay entries. There is one entry per address space responsible for cross memory delays.
zPSERV_OF	INT	4	(IBM name: SMF99_PSERV_OF) Offset to server data entries from beginning of record (including RDW).
zPSERV_LN	INT	2	(IBM name: SMF99_PSERV_LN) Length of each server data entry.
zPSERV_ON	INT	2	(IBM name: SMF99_PSERV_ON) Number of server data entries. There is one server data entry for each server service class, and one for each service class being served.
zPESP_OF	INT	4	(IBM name: SMF99_PESP_OF) Offset to address space expanded storage policy section from beginning of record (including RDW).
zPESP_LN	INT	2	(IBM name: SMF99_PESP_LN) Length of each address space expanded storage policy entry.
zPESP_ON	INT	2	(IBM name: SMF99_PESP_ON) Number of address space expanded storage policy entries
zPCDCLOCK	INT	2	(IBM name: SMF99_PCDCLOCK) Policy adjustment count down clock. No policy action is taken until the clock is zero or less.
zPNH	INT	1	(IBM name: SMF99_PNH) The performance period experienced processor access delay.
zPRTP	INT	1	(IBM name: SMF99_PRTP) Service class response time percentage. This field indicates whether the response time goal in SMF99_PGOALTYP is a percentage response time type. This field is zero when the response time goal in SMF99_PGOALTYP is an average response time.
zPAUXS	INT	4	(IBM name: SMF99_PAUXS) Shared paging samples from Aux. The samples are collected over an interval long enough to collect a representative number of samples.
zPIOU	INT	4	(IBM name: SMF99_PIOU) DASD I/O using samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPIOD	INT	4	(IBM name: SMF99_PIOD) DASD I/O delay samples. The samples are collected over an interval long enough to collect a representative number of samples.
zPIO_MDP	INT	4	(IBM name: SMF99_PIO_MDP) Maximum percentage of time a period could demand DASD I/O. The percentage is scaled by 10.
zPIODP	INT	1	(IBM name: SMF99_PIODP) I/O priority.

SMF099#02_Period_Data.zFLAGS.<fieldname>

zDelay	BIT	1	Period experienced some type of delay within the sysplex during last policy adjustment interval.
zCritical	BIT	1	Period is CPU critical.
zStorProt	BIT	1	Period belongs to a service class that was assigned storage protection (storage critical) in the active service policy. The service class was used in subsystem type CICS or IMS and the rule specified storage critical = yes. Also on for transaction server DISPs serving protected service classes.
zLinux	BIT	1	Indicates that the period is non-z/OS (Linux).
zCloseToBlkd	BIT	1	

			Indicates that the period has an address space that is close to being blocked.
zEWLM	BIT	1	Period is managed by EWLM performance data.
zPriority	BIT	1	Period belongs to a service class which was assigned to I/O priority group.
zSpecial	BIT	1	Processor consumption data for transactions with special reporting provided

SMF099#02_Period_Data.<fieldname>

zPer_IO_Mgmt_Support_Data	HEX	2	(IBM name: SMF99_Per_IO_Mgmt_Support_Data) I/O management support data.
zPDEVCL	INT	4	(IBM name: SMF99_PDEVCL) Identifier of the device cluster associated with this period. This identifier can be used to associate the period with device cluster information in the SubType 4 RECORD. This field will be zero if the period is not associated with a device cluster.

SMF099#02_Period_Data.zPSERVER_TYPE.<fieldname>

zTransact	BIT	1	SERVER is a transaction server
zEnclave	BIT	1	SERVER is an enclave server.
zQueue	BIT	1	SERVER is a queue server

SMF099#02_Period_Data.<fieldname>

zPSDATA_OF	INT	4	(IBM name: SMF99_PSDATA_OF) Offset to server samples section from the beginning of the record (including RDW).
zPSDATA_LN	INT	2	(IBM name: SMF99_PSDATA_LN) Length of each server samples entry.
zPSDATA_ON	INT	2	(IBM name: SMF99_PSDATA_ON) Number of server samples entries.
zPQDATA_OF	INT	4	(IBM name: SMF99_PQDATA_OF) Offset to the queue server section from the beginning of the record (including RDW).
zPQDATA_LN	INT	2	(IBM name: SMF99_PQDATA_LN) Length of each queue server entry.
zPQDATA_ON	INT	2	(IBM name: SMF99_PQDATA_ON) Number of queue server entries.
zPAVG_SIZE	INT	4	(IBM name: SMF99_PAVG_SIZE) Average size in processor storage (frame count) of the address spaces in the period.
zPGRN	CHAR	8	(IBM name: SMF99_PGRN) Group name, or blank if period doesn't belong to a group.
zPSYS_CPUU	INT	4	(IBM name: SMF99_PSYS_CPUU) Sysplex wide CPU using samples.
zPSYS_NONIDLE	INT	4	(IBM name: SMF99_PSYS_NONIDLE) Sysplex wide non-idle samples.
zPSYS_IDLE	INT	4	(IBM name: SMF99_PSYS_IDLE) Sysplex wide idle samples.
zPSYS_OTHER	INT	4	(IBM name: SMF99_PSYS_OTHER) Sysplex wide other samples.
zIOSUBSAMOF	INT	4	(IBM name: SMF99_IOSUBSAMOF) Offset to I/O subsystem samples data from beginning of record (including RDW).
zIOSUBSAMLN	INT	2	(IBM name: SMF99_IOSUBSAMLN) Length of an I/O subsystem samples data section.
zIOSUBSAMON	INT	2	(IBM name: SMF99_IOSUBSAMON) Number of I/O subsystem samples data sections.

zSPMDP	INT	4	(IBM name: SMF99_SPMDP) Saved copy of maximum percentage of processor time demanded.
zAVG_NUM_TASKS	INT	4	(IBM name: SMF99_AVG_NUM_TASKS) Average number of tasks.
zPBPD	INT	4	(IBM name: SMF99_PBPD) Buffer pool delay samples
zSWCT	INT	4	(IBM name: SMF99_SWCT) Short wait count accumulator.

SMF099#02_Period_Data.zFLAGS2.<fieldname>

zNoOffload	BIT	1	SPECIALTY engine work in this period is ineligible for 'Honor Priority Processing' i.e., it will not be offloaded to CPs for help processing.
zCPUCrit	BIT	1	Service class period implicitly designated CPU critical.

SMF099#02_Period_Data.<fieldname>

zNUM_SAMP_HIST_ROWS_USED	INT	2	(IBM name: SMF99_NUM_SAMP_HIST_ROWS_USED) Number of sample history rows used to build sample set.
zCADP	INT	4	(IBM name: SMF99_CADP) Current@ achievable demand percentage.
zSBCPUU	INT	4	(IBM name: SMF99_SBCPUU) Sample based CPU usings.
zSBCPUD	INT	4	(IBM name: SMF99_SBCPUD) Sample based CPU delays.
zPSYS_IO_DLY	INT	4	(IBM name: SMF99_PSYS_IO_DLY) Sysplex wide I/O delay
zPSYS_NON_IO_DLY	INT	4	(IBM name: SMF99_PSYS_NON_IO_DLY) Sysplex wide non-I/O delay
zPIFAU	INT	4	(IBM name: SMF99_PIFAU) IBM zEnterprise Application Assist Processor (zAAP) using samples
zPIFAD	INT	4	(IBM name: SMF99_PIFAD) zAAP delay samples
zPISERV	INT	4	(IBM name: SMF99_PISERV) zAAP service accumulated during interval
zPIMDP	INT	4	(IBM name: SMF99_PIMDP) Maximum percentage of zAAP processor time demanded
zPIMTTWA	INT	4	(IBM name: SMF99_PIMTTWA) Mean time to wait adjusted (zAAP)
zPIADP	INT	4	(IBM name: N/A) Working variable for achievable demand percentage (zAAP)
zPIASERC	INT	4	(IBM name: SMF99_PIASERC) Average service consumed over window (zAAP)
zPIPRSER	INT	4	(IBM name: SMF99_PIPRSER) Projected service (zAAP)
zICADP	INT	4	(IBM name: SMF99_ICADP) Current achievable demand percentage (zAAP)
zPIFAONCP	INT	4	(IBM name: SMF99_PIFAONCP) zAAP on CP using samples
zPLIFAU	INT	4	(IBM name: SMF99_PLIFAU) zAAP using samples during last interval
zPLIFAD	INT	4	(IBM name: SMF99_PLIFAD) zAAP delay samples during last interval
zPSUPU	INT	4	(IBM name: SMF99_PSUPU) SUP using samples

zPSUPD	INT	4	(IBM name: SMF99_PSUPD) SUP delay samples
zPSUPONCP	INT	4	(IBM name: SMF99_PSUPONCP) SUP_On_CP using samples
zPLSUPU	INT	4	(IBM name: SMF99_PLSUPU) SUP using samples during last interval
zPLSUPD	INT	4	(IBM name: SMF99_PLSUPD) SUP delay samples during last interval
zPSSERV	INT	4	(IBM name: SMF99_PSSERV) Accumulated SUP service
zTime_at_PDP_Using	INT	4	(IBM name: SMF99_Time_at_PDP_Using) Time at PDP using samples during last interval
zTime_at_PDP	INT	4	(IBM name: SMF99_Time_at_PDP) Time at PDP accumulator during last interval
zEWLM_LOCAL_PI	INT	4	(IBM name: SMF99_EWLM_LOCAL_PI) EWLM local PI
zEWLM_GLOBAL_PI	INT	4	(IBM name: SMF99_EWLM_GLOBAL_PI) EWLM global PI
zPSMDP	INT	4	(IBM name: SMF99_PSM DP) Maximum percentage of IBM z Integrated Information Processor (zIIP) time demanded
zPSMTTWA	INT	4	(IBM name: SMF99_PSM T TWA) Mean time to wait adjusted (zIIP)
SFM99_P	INT	4	Working variable for achievable demand percentage (zIIP)
zPSASERC	INT	4	(IBM name: SMF99_PSASERC) Average service consumed over window (zIIP)
zPSPRSER	INT	4	(IBM name: SMF99_PSPRSER) Projected service (zIIP)
zSCADP	INT	4	(IBM name: SMF99_SCADP) Current achievable demand percentage (zIIP)
zHdLockPromotion_Time_at_PDP	INT	4	(IBM name: SMF99_HdLockPromotion_Time_at_PDP) HD lock time at PDP accumulator during last interval
zHdLock_Time_at_PDP_Using	INT	4	(IBM name: SMF99_HdLock_Time_at_PDP_Using) HD lock time at PDP using samples during last interval
zPNS_PSERV	INT	4	(IBM name: SMF99_PNS_PSERV) Service of enclave servers' non enclave work, which was accumulated during policy adjustment interval in unweighted CPU service units
zPNS_IPSERV	INT	4	(IBM name: SMF99_PNS_IPSERV) IBM zEnterprise Application Assist Processor (zAAP) service of enclave servers' non enclave work, which was accumulated during policy adjustment interval in unweighted CPU service units
zPNS_SPSERV	INT	4	(IBM name: SMF99_PNS_SPSERV) SUP service of enclave servers' non enclave work, which was accumulated during policy adjustment interval in unweighted CPU service units
zVARTIME_AT_PDP	INT	4	(IBM name: SMF99_VARTIME_AT_PDP) Time at variable DP promoted by supervisor
zVARTIME_AT_PDP_USING	INT	4	(IBM name: SMF99_VARTIME_AT_PDP_USING) Usings at variable DP promoted by supervisor
zVARWEIGHTED_TIME_AT_PDP	INT	4	(IBM name: SMF99_VARWEIGHTED_TIME_AT_PDP) Time at variable DP promoted by supervisor weighted by DP
zRT_DISTRI_MID_POINT	INT	4	(IBM name: SMF99_RT_DISTRI_MID_POINT) Response time distribution mid-point (milliseconds)
zRT_DISTRI_TIME_STAMP	CHAR	8	(IBM name: SMF99_RT_DISTRI_TIME_STAMP) Response time distribution time stamp
zRT_DISTRI_AVG_RESP_TIME	INT	4	(IBM name: SMF99_RT_DISTRI_AVG_RESP_TIME) Response time distribution average response time

zRT_DISTRI_NUM_ROWS	INT	4	(IBM name: SMF99_RT_DISTRI_NUM_ROWS) Response time distribution number of rows used to build
zRT_DISTRI_SUM_TRANS	INT	4	(IBM name: SMF99_RT_DISTRI_SUM_TRANS) Response time distribution total number of transactions completed
zRT_DISTRI_NUM_TRANS	INT	4	(IBM name: SMF99_RT_DISTRI_NUM_TRANS) Response time distribution, 28 BUCKETS
zRT_DISTRI_RUNNING_COUNT	INT	4	(IBM name: SMF99_RT_DISTRI_RUNNING_COUNT) Response time distribution total number of times the mid-point was changed
zRT_DISTRI_INT_SUM_TRANS	INT	4	(IBM name: SMF99_RT_DISTRI_INT_SUM_TRANS) Response time distribution total number of transactions completed during last interval
zGAV_ARRAY	HEX	6	(IBM name: SMF99_GAV_ARRAY) Goal achievement array
zVELO_USING_STATES	INT	4	(IBM name: SMF99_VELO_USING_STATES) Total velocity using states
zUSING_IOSM_CURR	INT	4	(IBM name: SMF99_USING_IOSM_CURR) DASD I/O using samples for the current interval
zDELAY_IOSM_CURR	INT	4	(IBM name: SMF99_DELAY_IOSM_CURR) DASD I/O delay samples for the current interval
zDISC_IOSM_CURR	INT	4	(IBM name: SMF99_DISC_IOSM_CURR) DASD I/O disconnect samples for the current interval
zDISC_IOSM_ACCUM	INT	4	(IBM name: SMF99_DISC_IOSM_ACCUM) DASD I/O disconnect samples accumulated over SMF99_Num_Samp_Hist_Rows_Used
zCUQT_IOSM_CURR	INT	4	(IBM name: SMF99_CUQT_IOSM_CURR) DASD I/O control unit queue samples for the current interval
zCUQT_IOSM_ACCUM	INT	4	(IBM name: SMF99_CUQT_IOSM_ACCUM) DASD I/O control unit queue samples accumulated over SMF99_Num_Samp_Hist_Rows_Used
zThro_IOSM_CURR	INT	4	(IBM name: N/A) DASD I/O induced throttle samples for the current interval
zThro_IOSM_ACCUM	INT	4	(IBM name: N/A) DASD I/O induced throttle samples accumulated over SMF99_Num_Samp_Hist_Rows_Used
zCntD_IOSM_CURR	INT	4	(IBM name: N/A) DASD I/O contention delta samples for the current interval
zCntD_IOSM_ACCUM	INT	4	(IBM name: N/A) DASD I/O contention delta samples accumulated over SMF99_Num_Samp_Hist_Rows_Used
zPend_IOSM_CURR	INT	4	(IBM name: N/A) DASD I/O pending samples for the current interval
zPend_IOSM_ACCUM	INT	4	(IBM name: N/A) DASD I/O pending samples accumulated over SMF99_Num_Samp_Hist_Rows_Used
zSpecCP_ALL	INT	8	(IBM name: SMF99_SpecCP) Transaction service units on standard CP for all transactions.
zSpecOffload_ALL	INT	8	(IBM name: SMF99_SpecOffload)) Transaction service units on offload engines for all transactions.
zSpecOffloadOnCP_ALL	INT	8	(IBM name: SMF99_SpecOffloadOnCP) Transaction service units on standard CP that were offload eligible for all transactions.
zSpecCP_MOBILE	INT	8	(IBM name: SMF99_SpecCP) Transaction service units on standard CP for mobile transactions.
zSpecOffload_MOBILE	INT	8	(IBM name: SMF99_SpecOffload)) Transaction service units on offload engines for mobile transactions.
zSpecOffloadOnCP_MOBILE	INT	8	

			(IBM name: SMF99_SpecOffloadOnCP) Transaction service units on standard CP that were offload eligible for mobile transactions.
zSpecCP_CATA	INT	8	(IBM name: SMF99_SpecCP) Transaction service units on standard CP for Category A transactions.
zSpecOffload_CATA	INT	8	(IBM name: SMF99_SpecOffload)) Transaction service units on offload engines for Category A transactions.
zSpecOffloadOnCP_CATA	INT	8	(IBM name: SMF99_SpecOffloadOnCP) Transaction service units on standard CP that were offload eligible for Category A transactions.
zSpecCP_CATB	INT	8	(IBM name: SMF99_SpecCP) Transaction service units on standard CP for Category B transactions.
zSpecOffload_CATB	INT	8	(IBM name: SMF99_SpecOffload)) Transaction service units on offload engines for Category B transactions.
zSpecOffloadOnCP_CATB	INT	8	(IBM name: SMF99_SpecOffloadOnCP) Transaction service units on standard CP that were offload eligible for Category B transactions.
zTRG_NAME	CHAR	8	(IBM name: SMF99_TRG_NAME) Name of tenant resource group if bit 2 of SMF99_FLAGS2 is set.

Secondary segment: SMF099#02_Cross_Memory_Delay_Entry

Field Name	Type	Len	Description
<i>SMF099#02_Cross_Memory_Delay_Entry.<fieldname></i>			
zXMEM_JOBNAME	CHAR	8	(IBM name: SMF99_XMEM_JOBNAME) Name of the address space causing the cross memory delay.
zXMEM_SAMPS	INT	4	(IBM name: SMF99_XMEM_SAMPS) Number of cross memory samples.

Secondary segment: SMF099#02_Server_Data_Entry

Field Name	Type	Len	Description
<i>SMF099#02_Server_Data_Entry.<fieldname></i>			
zSERVER_CNM	CHAR	8	(IBM name: SMF99_SERVER_CNM) Service class name. If the service class (SMF99_PCNM) is a server, then this is the name of the service class being served. If the service class (SMF99_PCNM) is being served, then this is the name of the server service class.
zSERVER_PNUM	INT	4	(IBM name: SMF99_SERVER_PNUM) Service period number.
zSERVER_OBS	INT	4	(IBM name: SMF99_SERVER_OBS) If the service class (SMF99_PCNM) is a server, then this is the number of times SMF99_SERVER_CNM was being served in this period. If the service class (SMF99_PCNM) is being served, then this is the number of times SMF99_SERVER_CNM was seen serving in this period.

Secondary segment: SMF099#02_Server_Sample_Data_Entry

Field Name	Type	Len	Description
<i>SMF099#02_Server_Sample_Data_Entry.<fieldname></i>			
zSDATA_WQDEL	INT	4	(IBM name: SMF99_SDATA_WQDEL) Delay samples waiting for WLM-managed work queue. The samples are collected over an interval long enough to collect a representative number of samples.
zSDATA_ENC_AUXP	INT	4	(IBM name: SMF99_SDATA_ENC_AUXP) Aux private paging delay samples experienced by enclave work units known to be associated with an address space. The samples are collected over an interval long enough to collect a representative number of samples.
zSDATA_ENC_VIO	INT	4	(IBM name: SMF99_SDATA_ENC_VIO) Aux VIO paging delay samples experienced by enclave work units known to be associated with an address space. The samples are collected over an interval long enough to collect a representative number of samples.
zSDATA_ENC_HSP	INT	4	(IBM name: SMF99_SDATA_ENC_HSP) Aux standard hyperspace paging delay samples experienced by enclave work units known to be associated with an address space. The samples are collected over an interval long enough to collect a representative number of samples.
zSDATA_ENC_MPLD	INT	4	(IBM name: SMF99_SDATA_ENC_MPLD) MPL delay samples experienced by enclave work units known to be associated with an address space. The samples are collected over an interval long enough to collect a representative number of samples.
zSDATA_ENC_ASWP	INT	4	(IBM name: SMF99_SDATA_ENC_ASWP) Aux swap delay samples experienced by enclave work units known to be associated with an address space. The samples are collected over an interval long enough to collect a representative number of samples.
zSDATA_SERVER_CLASS_NAME	CHAR	8	(IBM name: SMF99_SDATA_SERVER_CLASS_NAME) Service class name of the server serving this period.

<i>SMF099#02_Server_Sample_Data_Entry.zSDATA_SERVER_TYPE.<fieldname></i>			
zEnclave	BIT	1	Server is an enclave or queue server.
zBatch	BIT	1	Server is a batch work server.

<i>SMF099#02_Server_Sample_Data_Entry.<fieldname></i>			
zSDATA_SUBSYS_TYPE	CHAR	4	(IBM name: SMF99_SDATA_SUBSYS_TYPE) Subsystem type of the owner of the queue. (Applies only to batch queue servers.)
zSDATA_SUBSYS_NAME	CHAR	8	(IBM name: SMF99_SDATA_SUBSYS_NAME) Subsystem name of the owner of the queue. (Applies only to batch queue servers.)

Secondary segment: SMF099#02_Queue_Server_Data_Entry

Field Name	Type	Len	Description
<i>SMF099#02_Queue_Server_Data_Entry.<fieldname></i>			
zQDATA_ENV_NAME	CHAR	32	(IBM name: SMF99_QDATA_ENV_NAME) Application environment name associated with the work queue.
zQDATA_SERVER_CLASS_NAME	CHAR	8	(IBM name: SMF99_QDATA_SERVER_CLASS_NAME) Service class name of the server serving the period represented by this SubType 2 RECORD. (Applies only to queue manager type servers.)

zQDATA_SERVER_WANT	INT	4	(IBM name: SMF99_QDATA_SERVER_WANT) Number of server instances needed to address queue delay according to policy adjustment. This is a queue-wide count.
zQDATA_SERVER_HAVE	INT	4	(IBM name: SMF99_QDATA_SERVER_HAVE) Number of server instances bound to the queue. This is a queue-wide count.
zQDATA_SERVER_ACTIVE	INT	4	(IBM name: SMF99_QDATA_SERVER_ACTIVE) Number of server instances bound to the queue and between IWMSTBGN and IWMSTEND. This is a subset of the HAVE count. (HAVE minus ACTIVE equals IDLE.)
zQDATA_AS_CAPACITY	INT	4	(IBM name: SMF99_QDATA_AS_CAPACITY) Address space server instance capacity.
zQDATA_ACHIEVED_QMPL	INT	4	(IBM name: SMF99_QDATA_ACHIEVED_QMPL) Average number (over policy interval) of server instances that are swapped in spaces in the server service class. Only server instances serving the external service class associated with the queue are counted. The count is scaled by 16. (Not used for batch queue servers.)
zQDATA_ACTIVE_QMPL	INT	4	(IBM name: SMF99_QDATA_ACTIVE_QMPL) Average of number of server instances between IWMSTBGN and IWMSTEND during the policy interval. The count is scaled by 16. (For batch queue servers, this is the number of initiators with active jobs sysplex-wide.)
zQDATA_QMPL_IN_TAR	INT	4	(IBM name: SMF99_QDATA_QMPL_IN_TAR) Number of server address spaces suggested to be started in the server service class on behalf of the period represented by this SubType 2 RECORD. (Does not apply to batch queue servers.)
zQDATA_AVG_QUEUED_REQUESTS	INT	4	(IBM name: SMF99_QDATA_AVG_QUEUED_REQUESTS) Average number of queued requests over a policy interval. The count is scaled by 16.
zQDATA_LT_TOTAL_REQUESTS	INT	4	(IBM name: SMF99_QDATA_LT_TOTAL_REQUESTS) Long term average total work requests for the work queue.
zQDATA_SERVER_IDLE	INT	4	(IBM name: SMF99_QDATA_SERVER_IDLE) Average idle server instances over the policy period.

SMF099#02_Queue_Server_Data_Entry.zQDATA_Q_TYPE.<fieldname>

zQMngr	BIT	1	Queue manager type work queue.
zQBatch	BIT	1	Batch type work queue.

SMF099#02_Queue_Server_Data_Entry.zQDATA_Q_QUALIFIER.<fieldname>

zWLM	BIT	1	Server instances are managed by WLM
zMov1	BIT	1	Address spaces have been moved from this work queue to enforce the minimum number of servers of another work queue of the same application environment
zMov2	BIT	1	Address spaces have been moved during policy adjustment because the maximum number of servers has been already started for the application environment
zMin	BIT	1	Minimum number of address spaces must be distributed across all work queues of the application environment

SMF099#02_Queue_Server_Data_Entry.<fieldname>

zQDATA_ACTIVE_RGNWORK	INT	2	(IBM name: SMF99_QDATA_ACTIVE_RGNWORK) Active number of server processing work requests that have been routed directly to the server region. This number is not included in either the QDATA_SERVER_IDLE count or the QDATA_SERVER_ACTIVE count.
zQDATA_RQDATA_OF	INT	4	(IBM name: SMF99_QDATA_RQDATA_OF) Offset to remote queue data section from beginning of record, including RDW. (Applies only to batch queue servers.)
zQDATA_RQDATA_LN	INT	2	(IBM name: SMF99_QDATA_RQDATA_LN) Length of remote queue data entries.

zQDATA_RQDATA_ON	INT	2	(IBM name: SMF99_QDATA_RQDATA_ON) Number of remote queue data entries.
zQDATA_SUBSYS_TYPE	CHAR	4	(IBM name: SMF99_QDATA_SUBSYS_TYPE) Subsystem type of the owner of the queue. (Applies only to batch queue servers.)
zQDATA_SUBSYS_NAME	CHAR	8	(IBM name: SMF99_QDATA_SUBSYS_NAME) Subsystem name of the owner of the queue. (Applies only to batch queue servers.)
zQDATA_INST_PER_SERVER	INT	2	(IBM name: SMF99_QDATA_INST_PER_SERVER) Number of server instances per server. Only applies if SMF99_QDATA_TASKS_MANAGED is set.
zQDATA_SPACES_MOVED	INT	2	(IBM name: SMF99_QDATA_SPACES_MOVED) Number of server address spaces moved away from this queue.
zQDATA_AE_MAXLIMIT	INT	2	(IBM name: SMF99_QDATA_AE_MAXLIMIT) Maximum number of servers for the application environment.
zQDATA_AE_MINLIMIT	INT	2	(IBM name: SMF99_QDATA_AE_MINLIMIT) Minimum number of servers for the application environment.
zQDATA_AVG_INELIGIBLE_REQUESTS	INT	4	(IBM name: SMF99_QDATA_AVG_INELIGIBLE_REQUESTS) Average number of ineligible queued requests over a policy interval scaled by * 16. Currently applies to batch queues only.

Secondary segment: SMF099#02_Remote_Queue_Server_Data_Entry

Field Name	Type	Len	Description
<i>SMF099#02_Remote_Queue_Server_Data_Entry.<fieldname></i>			
zRQDATA_SYS_NAME	CHAR	8	(IBM name: SMF99_RQDATA_SYS_NAME) Name of the system this RQDATA section represents.

<i>SMF099#02_Remote_Queue_Server_Data_Entry.zRQDATA_FLAGS.<fieldname></i>			
zStarted	BIT	1	System started at least one server for this work queue in the policy interval that this data represents.
zConstraint	BIT	1	System cannot start any servers for this work due to some constraint.
zDeferred	BIT	1	System intended to add servers for this work queue on the just-completed policy interval, but deferred because another system appears to be a better candidate.
zWork	BIT	1	Work queue is managed on this system.
zAssess	BIT	1	Originator sent valid assess data.

<i>SMF099#02_Remote_Queue_Server_Data_Entry.<fieldname></i>			
zRQDATA_ACTIVE_SERVERS	INT	4	(IBM name: SMF99_RQDATA_ACTIVE_SERVERS) Ten-second average number of active servers, scaled by 16.
zRQDATA_TOTAL_SERVERS	INT	4	(IBM name: SMF99_RQDATA_TOTAL_SERVERS) Ten-second average total servers, including active and idle.
zRQDATA_AVG_TOTAL_REQ	INT	4	(IBM name: SMF99_RQDATA_AVG_TOTAL_REQ) Average total requests for the queue eligible to run on the system represented by this RQDATA entry. This corresponds to the last point plotted on the queue delay plot. Scaled by 16.
zRQDATA_#_SERVERS	INT	4	(IBM name: SMF99_RQDATA_#_SERVERS) Number of servers required for receiver value. (Valid only if remote system deferred starting servers.)
zRQDATA_PI_DELTA	INT	4	

			(IBM name: SMF99_RQDATA_PI_DELTA) PI delta for donor period of highest importance if servers are started. (Valid only if remote system deferred starting servers.)
zRQDATA_HIGHEST_IMP	INT	2	(IBM name: SMF99_RQDATA_HIGHEST_IMP) Highest importance of donor periods negatively affected if servers are started. (Valid only if remote system deferred starting servers.)
zRQDATA	CHAR	8	(IBM name: SMF99_RQDATA) System name sender is deferring to. Blank if deferring only to _WAITING_FOR_SYSNAME collect data from other systems. (Valid only if remote system deferred starting servers.)
zRQDATA_DONOR_CLASS	CHAR	8	(IBM name: SMF99_RQDATA_DONOR_CLASS) Service class name for donor period most impacted by starting servers. (Valid only if remote system deferred starting servers.)
zRQDATA_PER#	INT	4	(IBM name: SMF99_RQDATA_PER#) Donor's service class period number. (Valid only if remote system deferred starting servers.)
zRQDATA_DONOR_RGROUP	CHAR	8	(IBM name: SMF99_RQDATA_DONOR_RGROUP) Resource group name for donor period most impacted by starting servers.
zRQDATA_PA_SKIP	INT	2	(IBM name: SMF99_RQDATA_PA_SKIP) Policy adjustment skip clock.
zRQDATA_Q_SKIP	INT	1	(IBM name: SMF99_RQDATA_Q_SKIP) Defer processing skip clock.
zQ_SKIP_REASON	INT	1	(IBM name: SMF99_Q_SKIP_REASON) Reason defer processing skip clock was set.
zRQDATA_AVG_QUEUED_REQUESTS	INT	4	(IBM name: SMF99_RQDATA_AVG_QUEUED_REQUESTS) Average number of queued requests over a policy interval scaled by * 16.
zRQDATA_AVG_INELIGIBLE_REQUESTS	INT	4	(IBM name: SMF99_RQDATA_AVG_INELIGIBLE_REQUESTS) Average number of ineligible queued requests over a policy interval scaled by * 16.
zRQDATA_AVG_CONSTRAINT_REQUESTS	INT	4	(IBM name: SMF99_RQDATA_AVG_CONSTRAINT_REQUESTS) Average number of queued requests with affinity to constraint systems only scaled by * 16.

Secondary segment: SMF099#02_IO_Subsystems_Samples_Data

Field Name	Type	Len	Description
SMF099#02_IO_Subsystems_Samples_Data.<fieldname>			
zIOSUB_Index	INT	2	(IBM name: SMF99_IOSUB_Index) Subsystem index. This correlates with SMF999_IOSUB_INDEX.
zIOSUB_ConnectSamples	INT	2	(IBM name: SMF99_IOSUB_ConnectSamples) Connect samples.
zIOSUB_PendingSamples	INT	2	(IBM name: SMF99_IOSUB_PendingSamples) Pending samples.

Secondary segment: SMF099#02_Address_Space_ExpStgAccess

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF099#02_Address_Space_ExpStgAccess.<fieldname>			
zAS_ESP_ANAM	CHAR	8	(IBM name: SMF99_AS_ESP_ANAM) Address space name.
zAS_ESP_AP	INT	1	(IBM name: SMF99_AS_ESP_AP) Expanded storage access policy for demand pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available
zAS_ESP_VP	INT	1	(IBM name: SMF99_AS_ESP_VP) Expanded storage access policy for VIO pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available
zAS_ESP_HP	INT	1	(IBM name: SMF99_AS_ESP_HP) Expanded storage access policy for hiperspace pages. Value Meaning 1 PROTECTED 2 LEAST recently used (LRU) 3 SPACE available
zAS_ESP_ASID	INT	2	(IBM name: SMF99_AS_ESP_ASID) Address space ID.

SMF099#02_Address_Space_ExpStgAccess.zAS_ESP_FLAGS.<fieldname>			
zProtected	BIT	1	Storage is protected at this instant.
zClassRule	BIT	1	Storage protection assigned to space by classification rule.
zRegGoal	BIT	1	Address space is currently managed to region's goal rather than transaction server's goal.
zNonSwap	BIT	1	Address space is non swappable.
zBoth	BIT	1	Address space is currently managed to both region's and transaction server's goal.
zNoOffload	BIT	1	When on, specialty engine work in this address space is ineligible for 'Honor Priority Processing', i.e., it will not be offloaded to CPs for help processing.

SMF099#02_Address_Space_ExpStgAccess.<fieldname>			
zAS_ESP_CS_FMCT	INT	4	(IBM name: SMF99_AS_ESP_CS_FMCT) Number of central storage frames the address spaces owns.
zAS_ESP_ES_FMCT	INT	4	(IBM name: SMF99_AS_ESP_ES_FMCT) Number of expanded storage frames the address spaces own.
zAS_ESP_PPS_TAR	INT	4	(IBM name: SMF99_AS_ESP_PPS_TAR) Address space protective process storage target. See SubType 5 FOR other targets. This is the only target non-monitor address spaces can have.
zAS_CPSRP_SAMP	INT	2	(IBM name: SMF99_AS_CPSRP_SAMP) One sample per IRACPSRP invocation.
SMP99_A_CPSRP_CUR_FP_SAMP	INT	2	Amount of IRACPSRP samples running with full preemption.
SMP99_A_CPSRP_PREV_FP_SAMP	INT	2	Previous value of FULL_PRE1
zAS_HealthInd	INT	1	(IBM name: SMF99_AS_HealthInd) Health indicator
zAS_TOTAL_SERVICE	INT	4	(IBM name: SMF99_AS_TOTAL_SERVICE) Total service units for the address space OUCBWMS
zAS_CPU_SERVICE	INT	4	(IBM name: SMF99_AS_CPU_SERVICE) Total CPU service units for the address space OUCBCPU
zAS_SRB_SERVICE	INT	4	(IBM name: SMF99_AS_SRB_SERVICE) Total SRB service units for the address space OUCBSRB
zAS_MSO_SERVICE	INT	4	(IBM name: SMF99_AS_MSO_SERVICE) Total MSO service units for the address space OUCBMSO
zAS_TRN_SERVICE	INT	4	(IBM name: SMF99_AS_TRN_SERVICE) Accumulated transaction service for the address space - OUCBTRS
zAS_IO_SERVICE	INT	4	

			(IBM name: SMF99_AS_IO_SERVICE) Total IO service units for the address space OUCBIOC
zAS_DISP_COUNT	INT	2	(IBM name: SMF99_AS_DISP_COUNT) Dispatchable count: the number of times that this address space has been found in subroutine CPUTLCK to be dispatchable yet no CPU time has accumulated for it - OUXBDSCN
zAS_IFA_SERVICE	INT	8	(IBM name: SMF99_AS_IFA_SERVICE) Total IFA service units for the address space - Oucbx_Time_On_Pro(pro_ifa) descaled
zAS_IFACP_SERVICE	INT	8	(IBM name: SMF99_AS_IFACP_SERVICE) Total IFA service units spent on CP for the address space -Oucbx_Time_Pro_On_CP(pro_ifa) descaled
zAS_SUP_SERVICE	INT	8	(IBM name: SMF99_AS_SUP_SERVICE) Total SUP service units for the address space - Oucbx_Time_On_Pro(pro_sup) descaled
zAS_SUPCP_SERVICE	INT	8	(IBM name: SMF99_AS_SUPCP_SERVICE) Total SUP service units spent on CP for the address space -Oucbx_Time_Pro_On_CP(pro_sup) descaled
zAS_PB_SERVICE	INT	8	(IBM name: SMF99_AS_PB_SERVICE) Transaction service units on standard CP reported for PBs running in this address space -OucbxPBCP
zAS_PB_OFFLOAD_SERVICE	INT	8	(IBM name: SMF99_AS_PB_OFFLOAD_SERVICE) Transaction service units on offload engines reported for PBs running in this address space -OucbxPBOffload
zAS_PB_OFFLOADONCP_SERVICE	INT	8	(IBM name: SMF99_AS_PB_OFFLOADONCP_SERVICE) Transaction service units on standard CP that were offload eligible reported for PBs running in this address space - OucbxPBOffloadOnCP
zAS_ENCLAVE_TIME	INT	4	(IBM name: SMF99_AS_ENCLAVE_TIME) Accumulate tx active time of completed enclaves owned by this space - OUCBETIM
zAS_ENCLAVE_CPU_SERVICE	INT	4	(IBM name: SMF99_AS_ENCLAVE_CPU_SERVICE) Accumulated CPU service of completed enclaves owned by this space - OUCBECPU
zAS_ENCLAVE_IFA_TIME	INT	8	(IBM name: SMF99_AS_ENCLAVE_IFA_TIME) Total IFA time for the enclaves owned by the address space - OucbxEncTimeOnPro(pro_ifa)
zAS_ENCLAVE_IFACP_TIME	INT	8	(IBM name: SMF99_AS_ENCLAVE_IFACP_TIME) Total IFA time spent on CP for the enclaves owned by the address space -OucbxEncTimeProOnCP(pro_ifa)
zAS_ENCLAVE_SUP_TIME	INT	8	(IBM name: SMF99_AS_ENCLAVE_SUP_TIME) Total SUP time for the enclaves owned by the address space - OucbxEncTimeOnPro(pro_sup)
zAS_ENCLAVE_SUPCP_TIME	INT	8	(IBM name: SMF99_AS_ENCLAVE_SUPCP_TIME) Total SUP time spent on CP for the enclaves owned by the address space -OucbxEncTimeProOnCP(pro_sup)
zAS_BA_BRKLOCELM	CHAR	18	(IBM name: SMF99_AS_BA_BRKLOCELM) Location element for each processor type which describes the breakup environment of this address space, or 0
zAS_BA_MEM_SCORE	HEX	24	(IBM name: SMF99_AS_BA_MEM_SCORE) Memory score of this address space for each processor type, or 0
zAS_BA_LOCELM	CHAR	18	(IBM name: SMF99_AS_BA_LOCELM) Location element for each processor type which describes the current processor location of this address space, or 0
zAS_TRC	CHAR	8	(IBM name: SMF99_AS_TRC) Tenant report class of address space
zAS_TRG	CHAR	8	(IBM name: SMF99_AS_TRG) Tenant report group of address space

Record Type 99 Subtype 3 - Service Class Period Plot Data

Primary Segment:

- [SMF099#03_SRM_Service_Class_Period_Plot_Data](#)

Secondary Segment(s): 16 (in alphabetical order)

- [SMF099#03_Active_Server_Instances_Plot](#)
- [SMF099#03_Class_Data](#)
- [SMF099#03_MPL_Delay_Plot](#)
- [SMF099#03_Period_Paging_Rate_Plot](#)
- [SMF099#03_Period_Self_Defining_Section](#)
- [SMF099#03_Plot_Curve_Point_Entry](#)
- [SMF099#03_Product_Information](#)
- [SMF099#03_Proportional_Aggregate_Speed_Plot](#)
- [SMF099#03_Queue_Delay_Plot](#)
- [SMF099#03_Queue_Ready_User_Average_Plot](#)
- [SMF099#03_Queue_Service_Time_Plot](#)
- [SMF099#03_Ready_User_Average_Plot](#)
- [SMF099#03_Self_Defining_Section](#)
- [SMF099#03_Swap_Delay_Plot](#)
- [SMF099#03_VS_Plot_for_Active_Server_Instances](#)
- [SMF099#03_VS_Plot_for_Total_Server_Instances](#)

Primary segment: [SMF099#03_SRM_Service_Class_Period_Plot_Data](#)

Field Name	Type	Len	Description
<i>SMF099#03_SRM_Service_Class_Period_Plot_Data.<fieldname></i>			
<i>SMF099#03_SRM_Service_Class_Period_Plot_Data.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

<i>SMF099#03_SRM_Service_Class_Period_Plot_Data.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: **SMF099#03_Product_Information**

Field Name	Type	Len	Description
<i>SMF099#03_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)
<i>SMF099#03_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: **SMF099#03_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF099#03_Self_Defining_Section.<fieldname></i>			
zCOF	INT	4	(IBM name: N/A) Offset to class information from the beginning of record (including RDW).
zCLN	INT	2	(IBM name: SMF993CLN) Length of the class information.
zCON	INT	2	(IBM name: SMF993CON) Number of class information.
zCPOF	INT	4	(IBM name: SMF993CPOF) Offset to class period section from beginning of record (including RDW).
zCPLN	INT	2	(IBM name: SMF993CPLN) Length of the class period section.
zCPON	INT	2	(IBM name: SMF993CPON) Number of period sections.

Secondary segment: **SMF099#03_Class_Data**

Field Name	Type	Len	Description
<i>SMF099#03_Class_Data.<fieldname></i>			
zPNAM	CHAR	8	(IBM name: SMF99_PNAM) Service class name

Secondary segment: **SMF099#03_Period_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF099#03_Period_Self_Defining_Section.<fieldname></i>			
zPRPOF	INT	4	(IBM name: N/A) Offset to paging rate plot for this period from the beginning of the record (including RDW).
zPRPLN	INT	2	(IBM name: N/A) Length of paging rate plot.
zPRPON	INT	2	(IBM name: N/A) Number of paging rate plots.
zMPLOF	INT	4	(IBM name: N/A) Offset to MPL delay plots for this period from the beginning of the record (including RDW).
zMPLLN	INT	2	(IBM name: N/A) Length of MPL delay plots.
zMPLON	INT	2	(IBM name: N/A) Number of MPL delay plots.
zRUAOF	INT	4	(IBM name: N/A) Offset to ready user average plots for this period from the beginning of the record (including RDW).
zRUALN	INT	2	(IBM name: N/A) Length of ready user average plot.
zRUAON	INT	2	(IBM name: N/A) Number of ready user average plots.
zSWPOF	INT	4	(IBM name: N/A) Offset to swap delay plots for this period from the beginning of the record (including RDW).
zSWPLN	INT	2	(IBM name: N/A) Length of swap delay plot.
zSWPON	INT	2	(IBM name: N/A) Number of swap delay plots.
zPASOF	INT	4	(IBM name: N/A) Offset to proportional aggregate speed plots for this period from the beginning of the record (including RDW).
zPASLN	INT	2	(IBM name: N/A) Length of proportional aggregate speed plots.
zPASON	INT	2	(IBM name: N/A) Number of proportional aggregate speed plots.
zQMPLOF	INT	4	(IBM name: N/A) Offset to the queue delay plots for this period from the beginning of the record (including RDW)
zQMPLLN	INT	2	(IBM name: N/A) Length of the queue delay plot.
zQMPLON	INT	2	(IBM name: N/A) Number of queue delay plots.
zQRUAOF	INT	4	(IBM name: N/A) Offset to the queue ready user average for this period from the beginning of the record (including RDW).
zQRUALN	INT	2	(IBM name: N/A) Length of the queue ready user average plot.
zQRUAON	INT	2	(IBM name: N/A) Number of queue ready user average plot.
zINTERNAL_CLASS_NAME	CHAR	8	(IBM name: N/A) Internal class name of the period. For non-discretionary periods, this will be the same as the external class name. For discretionary periods, this will be of the form \$SRMDIxx. For dynamic periods, this will be of the form \$SRMSxxx.
zQSTPOF	INT	4	

			(IBM name: N/A) Offset to queue service time for this period from beginning of record (including RDW).
zQSTPLN	INT	2	(IBM name: N/A) Length of queue service time plot.
zQSTPON	INT	2	(IBM name: N/A) Number of queue service time plots.
zAINSOFF	INT	4	(IBM name: N/A) Offset to active server instance plot for this period from beginning of record (including RDW)
zAINSLN	INT	2	(IBM name: N/A) Length of active server instance plot
zAINSON	INT	2	(IBM name: N/A) Number of active server instance plot
zASTROF	INT	4	(IBM name: N/A) Offset to virtual storage plot for active server instances for this period from beginning of record (including RDW)
zASTRLN	INT	2	(IBM name: N/A) Length of virtual storage plot
zASTRON	INT	2	(IBM name: N/A) Number of virtual storage plot
zTSTROF	INT	4	(IBM name: N/A) Offset to virtual storage plot for total server instances for this period from beginning of record (including RDW)
zTSTRLN	INT	2	(IBM name: N/A) Length of virtual storage plot
zTSTRON	INT	2	(IBM name: N/A) Number of virtual storage plot

Secondary segment: SMF099#03_Period_Paging_Rate_Plot

Field Name	Type	Len	Description
<i>SMF099#03_Period_Paging_Rate_Plot.<fieldname></i>			
zPPRP_PNUM	INT	4	(IBM name: SMF99_PPRP_PNUM) Period number.
zPPRP_BW	INT	4	(IBM name: SMF99_PPRP_BW) Size of each x bucket width. X is the average address space size in frames.
zPPRP_LSTX	INT	4	(IBM name: SMF99_PPRP_LSTX) Last plotted x bucket index.
zPPRP_POINTS_OF	INT	4	(IBM name: SMF99_PPRP_POINTS_OF) Offset of point entries.
zPPRP_POINTS_ON	INT	2	(IBM name: SMF99_PPRP_POINTS_ON) Number of point entries.
zPPRP_POINTS_LN	INT	2	(IBM name: SMF99_PPRP_POINTS_LN) Length of a point entry.

Secondary segment: SMF099#03_MPL_Delay_Plot

Field Name	Type	Len	Description
<i>SMF099#03_MPL_Delay_Plot.<fieldname></i>			
zMPLP_PNUM	INT	4	

Field Name	Type	Len	Description
			(IBM name: SMF99_MPLP_PNUM) Period number
zMPLP_BW	INT	4	(IBM name: SMF99_MPLP_BW) Size of each x bucket width. X is the percentage of ready users who have an MPL slot available to them.
zMPLP_LSTX	INT	4	(IBM name: SMF99_MPLP_LSTX) Last plotted x bucket index.
zMPLP_POINTS_OF	INT	4	(IBM name: SMF99_MPLP_POINTS_OF) Offset of point entries.
zMPLP_POINTS_ON	INT	2	(IBM name: SMF99_MPLP_POINTS_ON) Number of point entries.
zMPLP_POINTS_LN	INT	2	(IBM name: SMF99_MPLP_POINTS_LN) Length of a point entry.

Secondary segment: SMF099#03_Ready_User_Average_Plot

Field Name	Type	Len	Description
<i>SMF099#03_Ready_User_Average_Plot.<fieldname></i>			
zRUAP_PNUM	INT	4	(IBM name: SMF99_RUAP_PNUM) Period number.
zRUAP_BW	INT	4	(IBM name: SMF99_RUAP_BW) Size of each x bucket width. X is the number of MPL slots available to the service class period scaled by 16.
zRUAP_LSTX	INT	4	(IBM name: SMF99_RUAP_LSTX) Last plotted x bucket index.
zRUAP_POINTS_OF	INT	4	(IBM name: SMF99_RUAP_POINTS_OF) Offset of point entries.
zRUAP_POINTS_ON	INT	2	(IBM name: SMF99_RUAP_POINTS_ON) Number of point entries.
zRUAP_POINTS_LN	INT	2	(IBM name: SMF99_RUAP_POINTS_LN) Length of a point entry.

Secondary segment: SMF099#03_Swap_Delay_Plot

Field Name	Type	Len	Description
<i>SMF099#03_Swap_Delay_Plot.<fieldname></i>			
zSWPP_PNUM	INT	4	(IBM name: SMF99_SWPP_PNUM) Period number.
zSWPP_BW	INT	4	(IBM name: SMF99_SWPP_BW) Size of each x bucket width. X is the average time an address space in the service class period is logically swapped or swapped on expanded storage in milliseconds.
zSWPP_LSTX	INT	4	(IBM name: SMF99_SWPP_LSTX) Last plotted x bucket index.
zSWPP_POINTS_OF	INT	4	(IBM name: SMF99_SWPP_POINTS_OF) Offset of point entries.
zSWPP_POINTS_ON	INT	2	(IBM name: SMF99_SWPP_POINTS_ON) Number of point entries.
zSWPP_POINTS_LN	INT	2	(IBM name: SMF99_SWPP_POINTS_LN) Length of a point entry.

Secondary segment: **SMF099#03_Proportional_Aggregate_Speed_Plot**

Field Name	Type	Len	Description
<i>SMF099#03_Proportional_Aggregate_Speed_Plot.<fieldname></i>			
zPASP_PNUM	INT	4	(IBM name: SMF99_PASP_PNUM) Period number.
zPASP_BW	INT	4	(IBM name: SMF99_PASP_BW) Size of each x bucket width. X is the proportional aggregate speed of a service class. Units are the same as for velocity.
zPASP_LSTX	INT	4	(IBM name: SMF99_PASP_LSTX) Last plotted x bucket index.
zPASP_POINTS_OF	INT	4	(IBM name: SMF99_PASP_POINTS_OF) Offset of point entries.
zPASP_POINTS_ON	INT	2	(IBM name: SMF99_PASP_POINTS_ON) Number of point entries.
zPASP_POINTS_LN	INT	2	(IBM name: SMF99_PASP_POINTS_LN) Length of a point entry.

Secondary segment: **SMF099#03_Queue_Delay_Plot**

Field Name	Type	Len	Description
<i>SMF099#03_Queue_Delay_Plot.<fieldname></i>			
zQMPLP_PNUM	INT	4	(IBM name: SMF99_QMPLP_PNUM) Period number.
zQMPLP_DISP_CLASS_NAME	CHAR	8	(IBM name: SMF99_QMPLP_DISP_CLASS_NAME) Service class name of the server where the server address spaces are running.
zQMPLP_BW	INT	4	(IBM name: SMF99_QMPLP_BW) Size of each x bucket width. X is the address space size in frames.
zQMPLP_LSTX	INT	4	(IBM name: SMF99_QMPLP_LSTX) Last plotted x bucket index.
zQMPLP_POINTS_OF	INT	4	(IBM name: SMF99_QMPLP_POINTS_OF) Offset of point entries.
zQMPLP_POINTS_ON	INT	2	(IBM name: SMF99_QMPLP_POINTS_ON) Number of point entries.
zQMPLP_POINTS_LN	INT	2	(IBM name: SMF99_QMPLP_POINTS_LN) Length of a point entry.
zQMPLP_Q_TYPE	INT	1	(IBM name: SMF99_QMPLP_Q_TYPE) Work queue type: Bit Meaning when set 0 QUEUE manager type work queue. 1 BATCH type work queue. 2-7 Reserved.
zQMPLP_SUBSYS_TYPE	CHAR	4	(IBM name: SMF99_QMPLP_SUBSYS_TYPE) Subsystem type of the owner of the queue. (Applies only to batch queue servers.)
zQMPLP_SUBSYS_NAME	CHAR	8	(IBM name: SMF99_QMPLP_SUBSYS_NAME) Subsystem name of the owner of the queue. (Applies only to batch queue servers.)

Secondary segment: **SMF099#03_Queue_Ready_User_Average_Plot**

Field Name	Type	Len	Description
<i>SMF099#03_Queue_Ready_User_Average_Plot.<fieldname></i>			

zQRUAP_PNUM	INT	4	(IBM name: SMF99_QRUAP_PNUM) Period number.
zQRUAP_DISP_CLASS_NAME	CHAR	8	(IBM name: SMF99_QRUAP_DISP_CLASS_NAME) Class name of server service class where the server address spaces are running.
zQRUAP_BW	INT	4	(IBM name: SMF99_QRUAP_BW) Size of each x bucket width. X is the address space size in frames.
zQRUAP_LSTX	INT	4	(IBM name: SMF99_QRUAP_LSTX) Last plotted x bucket index.
zQRUAP_POINTS_OF	INT	4	(IBM name: SMF99_QRUAP_POINTS_OF) Offset of point entries.
zQRUAP_POINTS_ON	INT	2	(IBM name: SMF99_QRUAP_POINTS_ON) Number of point entries.
zQRUAP_POINTS_LN	INT	2	(IBM name: SMF99_QRUAP_POINTS_LN) Length of a point entry.

Secondary segment: SMF099#03_Active_Server_Instances_Plot

Field Name	Type	Len	Description
<i>SMF099#03_Active_Server_Instances_Plot.<fieldname></i>			
zAINS_PNUM	INT	4	(IBM name: SMF99_AINS_PNUM) Period number
zAINS_BW	INT	4	(IBM name: SMF99_AINS_BW) Bucket width
zAINS_LSTX	INT	4	(IBM name: SMF99_AINS_LSTX) Last plotted X bucket.
zAINS_POINTS_OF	INT	4	(IBM name: SMF99_AINS_POINTS_OF) Offset of point entries
zAINS_POINTS_ON	INT	2	(IBM name: SMF99_AINS_POINTS_ON) Number of point entries
zAINS_POINTS_LN	INT	2	(IBM name: SMF99_AINS_POINTS_LN) Length of a point entry

Secondary segment: SMF099#03_VS_Plot_for_Active_Server_Instances

Field Name	Type	Len	Description
<i>SMF099#03_VS_Plot_for_Active_Server_Instances.<fieldname></i>			
zASTR_PNUM	INT	4	(IBM name: SMF99_ASTR_PNUM) Period number
zASTR_BW	INT	4	(IBM name: SMF99_ASTR_BW) Bucket width
zASTR_LSTX	INT	4	(IBM name: SMF99_ASTR_LSTX) Last plotted X bucket.
zASTR_POINTS_OF	INT	4	(IBM name: SMF99_ASTR_POINTS_OF) Offset of point entries
zASTR_POINTS_ON	INT	2	(IBM name: SMF99_ASTR_POINTS_ON) Number of point entries
zASTR_POINTS_LN	INT	2	(IBM name: SMF99_ASTR_POINTS_LN) Length of a point entry
zASTR_C_USED	INT	1	(IBM name: SMF99_ASTR_C_USED) Plot curve used Bit Meaning when set 0 VS curve below 16MB was used

			last time server instances adjusted 1 VS curve above 16MB was used last time server instances adjusted 2-7 Reserved. * 3 EBCDIC Reserved.
--	--	--	---

Secondary segment: **SMF099#03_VS_Plot_for_Total_Server_Instances**

Field Name	Type	Len	Description
<i>SMF099#03_VS_Plot_for_Total_Server_Instances.<fieldname></i>			
zTSTR_PNUM	INT	4	(IBM name: SMF99_TSTR_PNUM) Period number
zTSTR_BW	INT	4	(IBM name: SMF99_TSTR_BW) Bucket width
zTSTR_LSTX	INT	4	(IBM name: SMF99_TSTR_LSTX) Last plotted X bucket.
zTSTR_POINTS_OF	INT	4	(IBM name: SMF99_TSTR_POINTS_OF) Offset of point entries
zTSTR_POINTS_ON	INT	2	(IBM name: SMF99_TSTR_POINTS_ON) Number of point entries
zTSTR_POINTS_LN	INT	2	(IBM name: SMF99_TSTR_POINTS_LN) Length of a point entry
zTSTR_C_USED	INT	1	(IBM name: SMF99_TSTR_C_USED) Plot curve used Bit Meaning when set 0 VS curve below 16MB was used last time server instances adjusted 1 VS curve above 16MB was used last time server instances adjusted 2-7 Reserved. * 3 EBCDIC Reserved.

Secondary segment: **SMF099#03_Queue_Service_Time_Plot**

Field Name	Type	Len	Description
<i>SMF099#03_Queue_Service_Time_Plot.<fieldname></i>			
zQSTP_PNUM	INT	4	(IBM name: SMF99_QSTP_PNUM) Period number.
zQSTP_DISP_CLASS_NAME	CHAR	8	(IBM name: SMF99_QSTP_DISP_CLASS_NAME) Class name where the server address spaces are running.
zQSTP_BW	INT	4	(IBM name: SMF99_QSTP_BW) Bucket width.
zQSTP_LSTX	INT	4	(IBM name: SMF99_QSTP_LSTX) Last plotted x bucket index.
zQSTP_POINTS_OF	INT	4	(IBM name: SMF99_QSTP_POINTS_OF) Offset of point entries.
zQSTP_POINTS_ON	INT	2	(IBM name: SMF99_QSTP_POINTS_ON) Number of point entries.
zQSTP_POINTS_LN	INT	2	(IBM name: SMF99_QSTP_POINTS_LN) Length of a point entry.

Secondary segment: **SMF099#03_Plot_Curve_Point_Entry**

Field Name	Type	Len	Description
<i>SMF099#03_Plot_Curve_Point_Entry.<fieldname></i>			
zPLOT_XVAL	INT	4	(IBM name: SMF99_2PLOT_XVAL) X value of point plotted in a bucket

zPLOT_Y1VAL	INT	4	(IBM name: SMF99_2PLOT_Y1VAL) Y value of point plotted on 1st curve
zPLOT_Y2VAL	INT	4	(IBM name: SMF99_2PLOT_Y2VAL) Y value of point plotted on 2nd curve

Record Type 99 Subtype 4 - Device Cluster

Primary Segment:

- SMF099#04_SRM_Device_Cluster

Secondary Segment(s): 5 (in alphabetical order)

- SMF099#04_Device_Cluster_Priority_Table
- SMF099#04_IO_Plot_Information
- SMF099#04_Plot_Curve_Point_Entry
- SMF099#04_Product_Information
- SMF099#04_Self_Defining_Section

Primary segment: SMF099#04_SRM_Device_Cluster

Field Name	Type	Len	Description
<i>SMF099#04_SRM_Device_Cluster.<fieldname></i>			
<i>SMF099#04_SRM_Device_Cluster.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

<i>SMF099#04_SRM_Device_Cluster.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#04_Product_Information

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF099#04_Product_Information.<fieldname>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

SMF099#04_Product_Information.zFLG.<fieldname>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#04_Self_Defining_Section

Field Name	Type	Len	Description
SMF099#04_Self_Defining_Section.<fieldname>			
zDEVCLID	INT	4	(IBM name: SMF994DEVCLID) Identifier of the device cluster. Used to associate a device cluster with the periods in a device cluster through the device cluster identifier field in the subtype 2 record (SMF99_PDEVCL).
zILOPTOF	INT	4	(IBM name: SMF994ILOPTOF) Offset to the I/O priority table information from the beginning of the record (including RDW).
zILOPTLN	INT	2	(IBM name: SMF994ILOPTLN) Length of the I/O priority information.
zILOPTON	INT	2	(IBM name: SMF994ILOPTON) Number of priority table sections.
zIOPLOTOF	INT	4	(IBM name: SMF994IOPLOTOF) Offset to the I/O plot section from the beginning of the record (including RDW).
zIOPLOTLN	INT	2	(IBM name: SMF994IOPLOTLN) Length of the I/O plot section.
zIOPLTON	INT	2	(IBM name: SMF994IOPLTON) Number of I/O plot sections.

Secondary segment: SMF099#04_Device_Cluster_Priority_Table

Field Name	Type	Len	Description
SMF099#04_Device_Cluster_Priority_Table.<fieldname>			
zIPTPRTY	INT	2	(IBM name: SMF99_IPTPRTY) I/O priority.
zIPTNP	INT	2	(IBM name: SMF99_IPTNP) New I/O priority (zero if not changed)
zIPTIMDP	INT	4	(IBM name: SMF99_IPTIMDP) Initial maximum percentage of time that work at priority could demand I/O,

			initial value before any priority moves. Percentage scaled by 10.
zIPTPMDP	INT	4	(IBM name: SMF99_IPTPMDP) The projected maximum percentage of I/O time demanded at priority.
zIPTW2UR	INT	4	(IBM name: SMF99_IPTW2UR) The ratio of I/O wait to I/O using time scaled by 16.
zIPTIMAXD	INT	4	(IBM name: SMF99_IPTIMAXD) The initial cumulative maximum demand percentage scaled by 10.
zIPTWMAXD	INT	4	(IBM name: SMF99_IPTWMAXD) The projected cumulative maximum demand percentage scaled by 10.

Secondary segment: **SMF099#04_IO_Plot_Information**

Field Name	Type	Len	Description
<i>SMF099#04_IO_Plot_Information.<fieldname></i>			
zIO_PLOT_BW	INT	4	(IBM name: SMF99_IO_PLOT_BW) Bucket width.
zIO_PLOT_LSTX	INT	4	(IBM name: SMF99_IO_PLOT_LSTX) Last plotted x bucket.
zIO_PLOT_POINTS_OF	INT	4	(IBM name: SMF99_IO_PLOT_POINTS_OF) Offset of the point entries.
zIO_PLOT_POINTS_ON	INT	2	(IBM name: SMF99_IO_PLOT_POINTS_ON) Number of point entries.
zIO_PLOT_POINTS_LN	INT	2	(IBM name: SMF99_IO_PLOT_POINTS_LN) Length of a point entry.

Secondary segment: **SMF099#04_Plot_Curve_Point_Entry**

Field Name	Type	Len	Description
<i>SMF099#04_Plot_Curve_Point_Entry.<fieldname></i>			
zPLOT_XVAL	INT	4	(IBM name: SMF99_2PLOT_XVAL) X value of point plotted in a bucket
zPLOT_Y1VAL	INT	4	(IBM name: SMF99_2PLOT_Y1VAL) Y value of point plotted on 1st curve
zPLOT_Y2VAL	INT	4	(IBM name: SMF99_2PLOT_Y2VAL) Y value of point plotted on 2nd curve

Record Type 99 Subtype 5 - Monitored Address Spaces

Primary Segment:

- SMF099#05_SRM_Monitored_Address_Spaces

Secondary Segment(s): 3 (in alphabetical order)

- SMF099#05_Plot_Curve_Point_Entry
- SMF099#05_Product_Information
- SMF099#05_Self_Defining_Section

Primary segment: SMF099#05_SRM_Monitored_Address_Spaces

Field Name	Type	Len	Description
<i>SMF099#05_SRM_Monitored_Address_Spaces.<fieldname></i>			
<i>SMF099#05_SRM_Monitored_Address_Spaces.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

<i>SMF099#05_SRM_Monitored_Address_Spaces.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#05_Product_Information

Field Name	Type	Len	Description
<i>SMF099#05_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service

			stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

SMF099#05_Product_Information.zFLG.<fieldname>

zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#05_Self_Defining_Section

Field Name	Type	Len	Description
SMF099#05_Self_Defining_Section.<fieldname>			
zANAM	CHAR	8	(IBM name: SMF99ANAM) Address space name.
zACNM	CHAR	8	(IBM name: SMF99ACNM) Service class to which the address space belongs.
zAPNUM	INT	4	(IBM name: SMF99APNUM) Period number that the address space is in.
zAPCS	INT	4	(IBM name: SMF99APCS) Protective central storage target, in frames.
zARCS	INT	4	(IBM name: SMF99ARCS) Restrictive central storage target, in frames.
zAPPS	INT	4	(IBM name: SMF99APPS) Protective processor storage target, in frames.
zARPS	INT	4	(IBM name: SMF99ARPS) Restrictive processor storage target, in frames.

SMF099#05_Self_Defining_Section.zCPLT.<fieldname>

zCPLT_BW	INT	4	(IBM name: N/A) Size of each x bucket width. X is the address space size in frames.
zCPLT_LSTX	INT	4	(IBM name: SMF99_CPLT_LSTX) Last plotted x bucket index.
zCPLT_POINTS_OF	INT	4	(IBM name: SMF99_CPLT_POINTS_OF) Offset of point entries.
zCPLT_POINTS_ON	INT	2	(IBM name: SMF99_CPLT_POINTS_ON) Number of points entries.
zCPLT_POINTS_LN	INT	2	(IBM name: SMF99_CPLT_POINTS_LN) Length of a point entries.

SMF099#05_Self_Defining_Section.zPPLT.<fieldname>

zPPLT_BW	INT	4	(IBM name: N/A) Size of each x bucket width. X is the address space size in frames.
zPPLT_LSTX	INT	4	(IBM name: SMF99_PPLT_LSTX) Last plotted x bucket index.
zPPLT_POINTS_OF	INT	4	

			(IBM name: SMF99_PPLT_POINTS_OF) Offset of point entries.
zPPLT_POINTS_ON	INT	2	(IBM name: SMF99_PPLT_POINTS_ON) Number of points entries.
zPPLT_POINTS_LN	INT	2	(IBM name: SMF99_PPLT_POINTS_LN) Length of a point entries.

SMF099#05_Self_Defining_Section.<fieldname>

zASID	INT	2	(IBM name: SMF99ASID) Address space ID.
zA_EXTERNAL_CLASS_NAME	CHAR	8	(IBM name: SMF99A_EXTERNAL_CLASS_NAME) The name of the external class with which the address space is associated.

SMF099#05_Self_Defining_Section.zFLAGS.<fieldname>

zProtected	BIT	1	Storage is protected at this instant.
zClassRule	BIT	1	Storage protection assigned to space by classification rule.
zCritCent	BIT	1	Indicates that storage critical housekeeping was the last to set the storage target for central storage.
zCritProc	BIT	1	Indicates that storage critical housekeeping was the last to set the storage target for processor storage.
zPolCent	BIT	1	Indicates that policy adjustment was the last to set the storage target for central storage.
zPolProc	BIT	1	Indicates that policy adjustment was the last to set the storage target for processor storage.

SMF099#05_Self_Defining_Section.<fieldname>

zIO_Mgmt_Support_Data	INT	2	(IBM name: N/A) I/O management support data
-----------------------	-----	---	--

Secondary segment: SMF099#05_Plot_Curve_Point_Entry

Field Name	Type	Len	Description
SMF099#05_Plot_Curve_Point_Entry.<fieldname>			
zPLOT_XVAL	INT	4	(IBM name: SMF99_2PLOT_XVAL) X value of point plotted in a bucket
zPLOT_Y1VAL	INT	4	(IBM name: SMF99_2PLOT_Y1VAL) Y value of point plotted on 1st curve
zPLOT_Y2VAL	INT	4	(IBM name: SMF99_2PLOT_Y2VAL) Y value of point plotted on 2nd curve

Record Type 99 Subtype 6 - Service Class Period Summary

Primary Segment:

- SMF099#06_SRM_Service_Class_Period_Summary

Secondary Segment(s): 4 (in alphabetical order)

- SMF099#06_Period_Data_Section
- SMF099#06_Product_Information
- SMF099#06_Self_Defining_Section
- SMF099#06_Server_Section

Primary segment: SMF099#06_SRM_Service_Class_Period_Summary

Field Name	Type	Len	Description
<i>SMF099#06_SRM_Service_Class_Period_Summary.<fieldname></i>			
SMF099#06_SRM_Service_Class_Period_Summary.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

SMF099#06_SRM_Service_Class_Period_Summary.Self_Defining_Section.<fieldname>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#06_Product_Information

Field Name	Type	Len	Description
<i>SMF099#06_Product_Information.<fieldname></i>			
zVN2	INT	2	

			(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

SMF099#06_Product_Information.zFLG.<fieldname>

zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#06_Self_Defining_Section

Field Name	Type	Len	Description
<i>SMF099#06_Self_Defining_Section.<fieldname></i>			
zCPOF	INT	4	(IBM name: SMF996CPOF) Offset to service class period section.
zCPLN	INT	2	(IBM name: SMF996CPLN) Length of a service class period section.
zCPON	INT	2	(IBM name: SMF996CPON) Number of service class period sections.

Secondary segment: SMF099#06_Period_Data_Section

Field Name	Type	Len	Description
<i>SMF099#06_Period_Data_Section.<fieldname></i>			
zECLASS_NAME	CHAR	8	(IBM name: N/A) External class name. For an externally-defined service class, this is a name defined in the service definition. For a server period, this name will of the form \$SRMSxxx. For system service classes, this name will be \$SRMBEST, \$SRMDUMP, \$SRMGOOD, \$SRMDISC, or \$SRMQSC.
zPER_NUM	INT	2	(IBM name: N/A) Period number within class.
zGOALTYPE	INT (ENUM)	1	(IBM name: N/A) Goal type: SYSTEM => System, SYSSTC, or server goal, SHORT => Short response time, LONG => Long response time, VELOCITY => Velocity, DISC => Discretionary
zPERCENTILE	INT	1	(IBM name: N/A) Response time goal percentile. (Zero if period does not have a percentile response time goal.)
zICLASS_NAME	CHAR	8	(IBM name: N/A) Internal service class name. Same as SMF996_ECLASS_NAME, except for discretionary periods, in which case the name will be of the form \$SRMDlxx.
zGOALVAL	INT	4	(IBM name: N/A) Goal value. If a response time goal, this value will be the goal in milliseconds. If a velocity goal, this value will be the velocity percentage. If

			a discretionary goal, system goal, or if this is a server period, this value will be zero.
zIMPOR	INT	2	(IBM name: N/A) Importance of service class period.
zDP	INT	1	(IBM name: N/A) Dispatching priority of period for next policy interval.
zLODP	INT	1	(IBM name: N/A) I/O priority of period for next policy interval.
zMPLI	INT	2	(IBM name: N/A) MPL in-target for next policy interval.
zMPLO	INT	2	(IBM name: N/A) MPL out-target for next policy interval.
zRUA	INT	4	(IBM name: N/A) Average number of ready address spaces over last policy interval, scaled by a factor of 16.
zPSPT	INT	4	(IBM name: N/A) Time swapped out address spaces in period are protected from being swapped to aux for next policy interval. This value is expressed in units of 1.024 milliseconds.
zPSITAR	INT	4	(IBM name: N/A) Storage isolation target for next policy interval for each address space in period. (Valid only for work with short response time goals, in which case the value is the number of frames protected. Otherwise, this value is zero.)
zLOCAL_PI	INT	4	(IBM name: N/A) Local performance index, times 100.
zSYSPLEX_PI	INT	4	(IBM name: N/A) Sysplex performance index, times 100.
zSERVER_DATA_OF	INT	4	(IBM name: N/A) Offset to server section from beginning of record (including RDW). Only valid if period is a server period. There will be one server section entry for each different external service class to which server address spaces in this server period were originally classified.
zSERVER_DATA_LN	INT	2	(IBM name: N/A) Length of each server section entry.
zSERVER_DATA_ON	INT	2	(IBM name: N/A) Number of server section entries.
zPSERV	INT	4	(IBM name: SMF99_PSERV) Service accumulated during interval.
zPISERV	INT	4	(IBM name: SMF99_PISERV) zAAP service accumulated during interval.
zPSSERV	INT	4	(IBM name: SMF99_PSSERV) Accumulated SUP service.
zTime_at_PDP_Using	INT	4	(IBM name: SMF99_Time_at_PDP_Using) Time at PDP using samples during last interval.
zTime_at_PDP	INT	4	(IBM name: SMF99_Time_at_PDP) Time at PDP accumulator during last interval.

SMF099#06_Period_Data_Section.zFLAGS.<fieldname>

zEWLM	BIT	1	Period is managed by EWLM performance data.
zPriority	BIT	1	Period belongs to a service class which was assigned to I/O priority group.
zNoOffload	BIT	1	Specialty engine work in this period is ineligible for 'Honor Priority Processing,' i.e., it will not be offloaded to CPs for help processing.

SMF099#06_Period_Data_Section.<fieldname>

zEWLM_LOCAL_PI	INT	4	(IBM name: SMF99_EWLM_LOCAL_PI) EWLM local PI.
zEWLM_GLOBAL_PI	INT	4	(IBM name: SMF99_EWLM_GLOBAL_PI) EWLM global PI.

Secondary segment: **SMF099#06_Server_Section**

Field Name	Type	Len	Description
<i>SMF099#06_Server_Section.<fieldname></i>			
zSERVER_CLASS_NAME	CHAR	8	(IBM name: N/A) Name of the service class to which at least one of the server address spaces in the server period represented by the SubType 6 ENTRY was originally classified.
zSERVER_PER_NUM	INT	4	(IBM name: N/A) Period number within class.

Record Type 99 Subtype 7 - ESS with Parallel Access Volume Summary

Primary Segment:

- SMF099#07_SRM_ESS_with_PAV_Summary

Secondary Segment(s): 3 (in alphabetical order)

- SMF099#07_Product_Information
- SMF099#07_PAV_Device_Section
- SMF099#07_Self_Defining_Section

Primary segment: SMF099#07_SRM_ESS_with_PAV_Summary

Field Name	Type	Len	Description
<i>SMF099#07_SRM_ESS_with_PAV_Summary.<fieldname></i>			
<i>SMF099#07_SRM_ESS_with_PAV_Summary.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.
<i>SMF099#07_SRM_ESS_with_PAV_Summary.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#07_Product_Information

Field Name	Type	Len	Description
<i>SMF099#07_Product_Information.<fieldname></i>			

zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

SMF099#07_Product_Information.zFLG.<fieldname>

zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#07_Self_Defining_Section

Field Name	Type	Len	Description
SMF099#07_Self_Defining_Section.<fieldname>			
zPAV_SUBSYS_ID	CHAR	32	(IBM name: SMF997_PAV_SUBSYS_ID) PAV subsystem ID, (NED TOKEN)
zNUM_EXT_SC	INT	4	(IBM name: SMF997_NUM_EXT_SC) Number of external service classes. This is needed to determine the index to the SYSTEM service class in the device data section. The number of external service classes is put in the self-defining section to avoid repeating it for each device.
zPAV_DATA_DEV_OF	INT	4	(IBM name: SMF997_PAV_DATA_DEV_OF) Offset to the first device section, from beginning of record (including RDW).
zPAV_DATA_DEV_LEN	INT	2	(IBM name: SMF997_PAV_DATA_DEV_LEN) Length of each device section.
zPAV_DATA_DEV_NO	INT	2	(IBM name: SMF997_PAV_DATA_DEV_NO) Number of device sections.

Secondary segment: SMF099#07_PAV_Device_Section

Field Name	Type	Len	Description
SMF099#07_PAV_Device_Section.<fieldname>			
zPAV_DEV_ID	INT	2	(IBM name: SMF997_PAV_DEV_ID) Device ID.

SMF099#07_PAV_Device_Section.zPAV_DEV_FLAGS.<fieldname>

zUAlias	BIT	1	PAV device is an unbound alias.
zWLM	BIT	1	PAV device managed by WLM.
zUA	BIT	1	PAV device temporarily unavailable.

SMF099#07_PAV_Device_Section.<fieldname>

zPAV_DEV_NUM_OF_ALIASES	INT	1	(IBM name: SMF997_PAV_DEV_NUM_OF_ALIASES) Number of aliases assigned. Valid for PAV base device.
-------------------------	-----	---	---

zPAV_DEV_AVG_IOS_QUEUE_LEN	INT	4	(IBM name: SMF997_PAV_DEV_AVG_IOS_QUEUE_LEN) Average IOS queue length. Valid for PAV base device.
zPAV_DEV_AVG_SERVICE_TIME	TIME	4	(IBM name: SMF997_PAV_DEV_AVG_SERVICE_TIME) Average service time. Valid for PAV base device in 128 micro seconds.
zPAV_DEV_IODELAY_TIME	TIME	4	(IBM name: SMF997_PAV_DEV_IODELAY_TIME) I/O Delay Time. Currently CU queue time.
zPAV_DEV_IODELAY_SAMPS	INT	2	(IBM name: SMF997_PAV_DEV_IODELAY_SAMPS) I/O Delay samples.
zPAV_DEV_IOSQSAMPLES	INT	2	(IBM name: SMF997_PAV_DEV_IOSQSAMPLES) IOS Queue samples.
zPAV_DEV_SUBCHSET	INT	1	(IBM name: SMF997_PAV_DEV_SUBCHSET) Sub Channel set.
zPAV_DEV_DEVSC_MAP_OLD	HEX	14	(IBM name: SMF997_PAV_DEV_DEVSC_MAP_OLD) Device service class ID bit string for 108 service classes prior to z/OS V1R10.
zPAV_DEV_UTILIZATION	INT	4	(IBM name: SMF997_PAV_DEV_UTILIZATION) Utilization.
zPAV_DEV_PENDTIME	TIME	4	(IBM name: SMF997_PAV_DEV_PENDTIME) Pend time.
zPAV_DEV_DISCTIME	TIME	4	(IBM name: SMF997_PAV_DEV_DISCTIME) Disconnect time.
zPAV_DEV_SSC	INT	4	(IBM name: SMF997_PAV_DEV_SSC) Start subchannel count.
zPAV_DEV_MINACNT	INT	1	(IBM name: SMF997_PAV_DEV_MINACNT) Local min alias count.
zPAV_DEV_GMINACNT	INT	1	(IBM name: SMF997_PAV_DEV_GMINACNT) Global min alias count.
zPAV_DEV_RSRVD2	INT	8	(IBM name: SMF997_PAV_DEV_RSRVD2) Reserved.
zPAV_DEV_DEVSC_MAP	HEX	46	(IBM name: SMF997_PAV_DEV_DEVSC_MAP) Device service class ID bit string.

Record Type 99 Subtype 8 - LPAR CPU Management Summary

Primary Segment:

- SMF099#08_SRM_LPAR_CPU_Management_Summary

Secondary Segment(s): 9 (in alphabetical order)

- SMF099#08_CPU_Period_Table_Entry
- SMF099#08_IO_Subsystems_Samples_Data
- SMF099#08_LPAR_CPU_Data_in_Cluster
- SMF099#08_LPAR_Data_Entry
- SMF099#08_Plot_Curve_Point_Entry
- SMF099#08_Priority_Table_Entry
- SMF099#08_Product_Information
- SMF099#08_Self_Defining_Section
- SMF099#08_SYSCH_CPU_Plot

Primary segment: SMF099#08_SRM_LPAR_CPU_Management_Summary

Field Name	Type	Len	Description
<i>SMF099#08_SRM_LPAR_CPU_Management_Summary.<fieldname></i>			
SMF099#08_SRM_LPAR_CPU_Management_Summary.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

SMF099#08_SRM_LPAR_CPU_Management_Summary.Self_Defining_Section.<fieldname>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: **SMF099#08_Product_Information**

Field Name	Type	Len	Description
<i>SMF099#08_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)
<i>SMF099#08_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: **SMF099#08_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF099#08_Self_Defining_Section.<fieldname></i>			
zLD_DATA_OFFSET	INT	4	(IBM name: SMF998_LD_DATA_OFFSET) Offset to LPAR data section from beginning of record (including RDW).
zLD_DATA_LENGTH	INT	2	(IBM name: SMF998_LD_DATA_LENGTH) Length of an LPAR data section.
zLD_DATA_NUMBER	INT	2	(IBM name: SMF998_LD_DATA_NUMBER) Number of LPAR data sections.
zPT_DATA_OFFSET	INT	4	(IBM name: SMF998_PT_DATA_OFFSET) Offset to priority table section from beginning of record (including RDW).
zPT_DATA_LENGTH	INT	2	(IBM name: SMF998_PT_DATA_LENGTH) Length of a priority table section.
zPT_DATA_NUMBER	INT	2	(IBM name: SMF998_PT_DATA_NUMBER) Number of priority table sections.
zPC_DATA_OFFSET	INT	4	(IBM name: SMF998_PC_DATA_OFFSET) Offset to period CPU section from beginning of record (including RDW).
zPC_DATA_LENGTH	INT	2	(IBM name: SMF998_PC_DATA_LENGTH) Length of a period CPU section.
zPC_DATA_NUMBER	INT	2	(IBM name: SMF998_PC_DATA_NUMBER) Number of period CPU sections.
zIMAGE_CPU_DATA_OFFSET	INT	4	(IBM name: SMF998_IMAGE_CPU_DATA_OFFSET) Offset to image CPU section, from beginning of record (including RDW).
zIMAGE_CPU_DATA_LENGTH	INT	2	(IBM name: SMF998_IMAGE_CPU_DATA_LENGTH) Length of an image CPU section.
zIMAGE_CPU_DATA_NUMBER	INT	2	(IBM name: SMF998_IMAGE_CPU_DATA_NUMBER) Number of image CPU sections.
zSYSH_CPU_PLOT_OF	INT	4	

			(IBM name: SMF998_SYSH_CPU_PLOT_OF) Offset to the SYSH CPU plot section, from beginning of record (including RDW).
zSYSH_CPU_PLOT_LN	INT	2	(IBM name: SMF998_SYSH_CPU_PLOT_LN) Length of SYSH CPU plot section.
zSYSH_CPU_PLOT_ON	INT	2	(IBM name: SMF998_SYSH_CPU_PLOT_ON) Number of SYSH CPU plot sections.

Secondary segment: **SMF099#08_LPAR_Data_Entry**

Field Name	Type	Len	Description
<i>SMF099#08_LPAR_Data_Entry.<fieldname></i>			
zImageSystemName	CHAR	8	(IBM name: SMF998_ImageSystemName) Image system name.

<i>SMF099#08_LPAR_Data_Entry.zControlFlag1.<fieldname></i>			
zOverflow	BIT	1	Indicates that this is an overflow SMF 99 subtype 8 record for specified system. The appropriate LD data for this system appears in the first SMF 99 subtype 8 record for this system.
zNoDIAG	BIT	1	Indicates that this system does not have DIAG support.
zNoCPUMng	BIT	1	Indicates that LPAR CPU Management is not enabled.
zDIAGFailed	BIT	1	Indicates that this system issued DIAG and it failed.
zNotViaDIAG	BIT	1	Indicates that an image entry was not returned through the DIAG interface for this system.
zLINUX	BIT	1	Indicates that the image is non-z/OS. (LINUX).

<i>SMF099#08_LPAR_Data_Entry.<fieldname></i>			
zSystemNumber	INT	1	(IBM name: SMF998_SystemNumber) System slot number. The source for this value is QUASNUM in IXCYQUAA.
zLastSetTime	TSTMP	8	(IBM name: SMF998_LastSetTime) Timestamp in STCK format.
zTotalWeight	INT	4	(IBM name: SMF998_TotalWeight) Total weight of the CEC.
zNumberOfSharedPhysicalCPUs	INT	1	(IBM name: SMF998_NumberOfSharedPhysicalCPUs) Total number of shared (non-dedicated) physical CPU configured for the CEC use.
zImageID	INT	1	(IBM name: SMF998_ImageID) Image ID of the partition.

<i>SMF099#08_LPAR_Data_Entry.zImageFlags.<fieldname></i>			
zSoftCap	BIT	1	Image is capped by software.
zWLMmng	BIT	1	Identifies whether WLM should be involved in dynamic LPAR weight management.
zSharedCP	BIT	1	Identifies whether partition is using shared CPs.
zDedicatedCP	BIT	1	Identifies whether partition is using dedicated CPs.
zConsCap	BIT	1	Identifies whether partition is capped by installation from console.

<i>SMF099#08_LPAR_Data_Entry.<fieldname></i>			
zNumberCpusActive	INT	2	(IBM name: SMF998_NumberCpusActive) Number of CPUs that are currently active.
zAverageCpuUtilization	INT	2	(IBM name: SMF998_AverageCpuUtilization) Average CPU utilization.

zImageInitialWeight	INT	2	(IBM name: SMF998_ImageInitialWeight) Image initial weight.
zImageCurrentWeight	INT	2	(IBM name: SMF998_ImageCurrentWeight) Image current weight.
zImageMinimumWeight	INT	2	(IBM name: SMF998_ImageMinimumWeight) Image minimum weight.
zImageMaximumWeight	INT	2	(IBM name: SMF998_ImageMaximumWeight) Image maximum weight.
zPro_Time_Avail	HEX	4	(IBM name: SMF998_Pro_Time_Avail) Total processor time available, includes captured time plus wait time.
zService_Units_Per_Second	HEX	4	(IBM name: SMF998_Service_Units_Per_Second) Unweighted CPU service units per second per online CPU that the hardware is capable of.
zSoftCapMsu	HEX	4	(IBM name: SMF998_SoftCapMsu) Capacity in millions of service units per hour for which the logical partition is licensed.
zPricingManagementWeight	HEX	4	(IBM name: SMF998_PricingManagementWeight) Current pricing management weight.

Secondary segment: SMF099#08_Priority_Table_Entry

Field Name	Type	Len	Description
<i>SMF099#08_Priority_Table_Entry.<fieldname></i>			
zPTPRTY	INT	2	(IBM name: SMF998_PTPRTY) Dispatch priority.
zPTNP	INT	2	(IBM name: SMF998_PTNP) New dispatch priority (zero if not changed).
zPTIMDP	INT	4	(IBM name: SMF998_PTIMDP) Initial maximum percentage of processor demanded at priority, initial value before any priority moves or slice changes.
zPTPMDP	INT	4	(IBM name: SMF998_PTPMDP) Projected maximum percentage of processor demanded at priority.
zPTCPUU	INT	4	(IBM name: SMF998_PTCPUU) CPU using samples at priority.
zPTCPUD	INT	4	(IBM name: SMF998_PTCPUD) CPU delay samples at priority.
zPTW2UR	INT	4	(IBM name: SMF998_PTW2UR) Wait-to-using ratio at priority (*16).
zPTAPU	INT	4	(IBM name: SMF998_PTAPU) Actual measured processor used at priority.
zPTPPU	INT	4	(IBM name: SMF998_PTPPU) Projected processor time to be used at priority.
zPTACMD	INT	4	(IBM name: SMF998_PTACMD) Achievable cumulative max demand for priorities affected by a move.
zPTIMAXD	INT	4	(IBM name: SMF998_PTIMAXD) Initial cumulative maximum demand.
zPTWMAXD	INT	4	(IBM name: SMF998_PTWMAXD) Projected cumulative maximum demand.
zPTIAMTW	INT	4	(IBM name: SMF998_PTIAMTW) Initial average mean time to wait.
zPTWAMTW	INT	4	(IBM name: SMF998_PTWAMTW) Projected average mean time to wait.

Secondary segment: SMF099#08_CPU_Period_Table_Entry

Field Name	Type	Len	Description
<i>SMF099#08_CPU_Period_Table_Entry.<fieldname></i>			
zService_Class_Name	CHAR	8	(IBM name: SMF998_Service_Class_Name) Internal service class name.
zImportance	INT	2	(IBM name: SMF998_Importance) Importance.
zPeriod_Number	INT	2	(IBM name: SMF998_Period_Number) Period number.
zDasd_Io_Delay_Sample	INT	4	(IBM name: SMF998_Dasd_Io_Delay_Sample) Copy of I/O delay samples.
zNon_Idle_Samp	INT	4	(IBM name: SMF998_Non_Idle_Samp) Number of non-idle samples.
zCpu_Using_Sample	INT	4	(IBM name: SMF998_Cpu_Using_Sample) Copy of CPU using samples.
zCpu_Delay_Sample	INT	4	(IBM name: SMF998_Cpu_Delay_Sample) Copy of CPU delay samples.
zWlm_Queue_Delay_Sample	INT	4	(IBM name: SMF998_Wlm_Queue_Delay_Sample) Copy of WLM queue delay samples.
zDasd_Io_Using_Sample	INT	4	(IBM name: SMF998_Dasd_Io_Using_Sample) Copy of DASD I/O using samples.
zMax_Dem_Per	INT	4	(IBM name: SMF998_Max_Dem_Per) Maximum percentage of processor time demanded (constant across policy adjustment).
zPi_Achieved	INT	4	(IBM name: SMF998_Pi_Achieved) Performance index achieved, adjusted into range, used to select donors and receivers.
zSysplex_Pi_Achieved	INT	4	(IBM name: SMF998_Sysplex_Pi_Achieved) Sysplex performance index achieved, adjusted into range, used to select donors and receivers.
zService_Ow	INT	4	(IBM name: SMF998_Service_Ow) Average service over a WLM-defined moving interval.
zMtw_Adj	INT	4	(IBM name: SMF998_Mtw_Adj) Mean time to wait adjusted by cccmxmtw.
zBase_Priority	INT	2	(IBM name: SMF998_Base_Priority) Base dispatching priority.
zCap_Num_Slices	INT	2	(IBM name: SMF998_Cap_Num_Slices) Current number of sleep slices, or 0.
zWork_Pro_Used	INT	4	(IBM name: SMF998_Work_Pro_Used) Working variable for assess for processor used.
zCurrent_Ach_Dem_Per	INT	4	(IBM name: SMF998_Current_Ach_Dem_Per) Current achievable demand percentage for the period calculated from the initial PDT fields..
zAch_Dem_Per	INT	4	(IBM name: SMF998_Ach_Dem_Per) Working variable for achievable demand percentage.
zOld_Work_Pro_Used	INT	4	(IBM name: SMF998_Old_Work_Pro_Used) Work field computed during phase 1 move.
zProj_Pi_Com	INT	4	(IBM name: SMF998_Proj_Pi_Com) Unadjusted projected PI for committed actions only, used as base for projections.
zUsing_Delta	INT	4	(IBM name: SMF998_Using_Delta) Computed during assessment.
zLparMgmt_Delay_Delta	INT	4	(IBM name: SMF998_LparMgmt_Delay_Delta) Delay delta computed by LPAR Mgmt algorithm. This field captures the delay delta for SMF99 recording before it is cleared out.

zCpu_Cap_Delay_Sample	INT	4	(IBM name: SMF998_Cpu_Cap_Delay_Sample) CPU capping delay sample.
zIosub_Samples_Data_Offset	INT	4	(IBM name: SMF998_Iosub_Samples_Data_Offset) Offset to I/O subsystem samples data from beginning of record (including RDW).
zIosub_Samples_Data_Length	INT	2	(IBM name: SMF998_Iosub_Samples_Data_Length) Length of a I/O subsystem samples data section.
zIosub_Samples_Data_number	INT	2	(IBM name: SMF998_Iosub_Samples_Data_number) Number of I/O subsystem samples data sections.
zSysplex_Proj_Pi_Com	INT	4	(IBM name: SMF998_Sysplex_Proj_Pi_Com) Unadjusted sysplex projected PI for committed actions only, used as base for projections.
zPC_CSS_NUMBER	INT	1	(IBM name: SMF998_PC_CSS_NUMBER) Channel subsystem identifier.

Secondary segment: **SMF099#08_IO_Subsystems_Samples_Data**

Field Name	Type	Len	Description
<i>SMF099#08_IO_Subsystems_Samples_Data.<fieldname></i>			
zIOSUB_Index	INT	2	(IBM name: SMF999_IOSUB_Index) Subsystem index. This correlates with SMF999_IOSUB_INDEX.
zIOSUB_ConnectSamples	INT	2	(IBM name: SMF999_IOSUB_ConnectSamples) Connect samples.
zIOSUB_PendingSamples	INT	2	(IBM name: SMF999_IOSUB_PendingSamples) Pending samples.

Secondary segment: **SMF099#08_LPAR_CPU_Data_in_Cluster**

Field Name	Type	Len	Description
<i>SMF099#08_LPAR_CPU_Data_in_Cluster.<fieldname></i>			
zLC_Service_Class_Name	CHAR	8	(IBM name: SMF998_LC_Service_Class_Name) Internal service class name.
zLC_Period_Number	INT	2	(IBM name: SMF998_LC_Period_Number) Period number.
zLC_Machine_Percentage	INT	2	(IBM name: SMF998_LC_Machine_Percentage) Percent of the CEC shared capacity used by the partition either based on its current weight or utilization.
zLC_Max_Dem_Per	INT	4	(IBM name: SMF998_LC_Max_Dem_Per) Maximum percentage of processor time demanded by the image during current interval (scaled by 10).
zLC_LastInt_Cpu_Using	INT	4	(IBM name: SMF998_LC_LastInt_Cpu_Using) Last interval CPU using samples count.
zLC_LastInt_Cpu_Delay	INT	4	(IBM name: SMF998_LC_LastInt_Cpu_Delay) Last interval CPU delay samples count.
zLC_LastInt_Non_Idle	INT	4	(IBM name: SMF998_LC_LastInt_Non_Idle) Last interval non idle sample count which include using, delay and other.
zLC_Avg_Cpu_Using	INT	4	(IBM name: SMF998_LC_Avg_Cpu_Using) Average CPU using samples count.
zLC_Avg_Cpu_Delay	INT	4	(IBM name: SMF998_LC_Avg_Cpu_Delay) Average CPU delay samples count.
zLC_Using_Delta	INT	4	

			(IBM name: SMF998_LC_Using_Delta) Using delta.
zLC_Delay_Delta	INT	4	(IBM name: SMF998_LC_Delay_Delta) Delay delta.
zLC_Work_Max_Dem_Per	INT	4	(IBM name: SMF998_LC_Work_Max_Dem_Per) New maximum percentage of processor time demanded by the image during current interval as a result of weight change (scaled by 10).
zLC_Work_Weighted_Max_Dem_Per	INT	4	(IBM name: SMF998_LC_Work_Weighted_Max_Dem_Per) Maximum percentage of processor time demanded by the image as a result of weight change, with respect to its current machine share (based on weight or utilization).
zLC_Work_W2U_Ratio	INT	4	(IBM name: SMF998_LC_Work_W2U_Ratio) New W2U ratio due to change in LPAR weight.
zLC_Pi_Delta	INT	2	(IBM name: SMF998_LC_Pi_Delta) PI delta projection.
zLC_Sysplex_Pi_Delta	INT	2	(IBM name: SMF998_LC_Sysplex_Pi_Delta) Sysplex PI delta projection.

Secondary segment: **SMF099#08_SYSCH_CPU_Plot**

Field Name	Type	Len	Description
<i>SMF099#08_SYSCH_CPU_Plot.<fieldname></i>			
zSYSH_CPU_PLOT_INUM	INT	4	(IBM name: SMF99_SYSH_CPU_PLOT_INUM) Image number.
zSYSH_CPU_PLOT_BW	INT	4	(IBM name: SMF99_SYSH_CPU_PLOT_BW) Bucket width.
zSYSH_CPU_PLOT_LSTX	INT	4	(IBM name: SMF99_SYSH_CPU_PLOT_LSTX) Last plotted X bucket.
zSYSH_CPU_PLOT_POINTS_OF	INT	4	(IBM name: SMF99_SYSH_CPU_PLOT_POINTS_OF) Offset of point entries.
zSYSH_CPU_PLOT_POINTS_ON	INT	2	(IBM name: SMF99_SYSH_CPU_PLOT_POINTS_ON) Number of point entries.
zSYSH_CPU_PLOT_POINTS_LN	INT	2	(IBM name: SMF99_SYSH_CPU_PLOT_POINTS_LN) Length of a point entry.

Secondary segment: **SMF099#08_Plot_Curve_Point_Entry**

Field Name	Type	Len	Description
<i>SMF099#08_Plot_Curve_Point_Entry.<fieldname></i>			
zPLOT_XVAL	INT	4	(IBM name: SMF99_2PLOT_XVAL) X value of point plotted in a bucket
zPLOT_Y1VAL	INT	4	(IBM name: SMF99_2PLOT_Y1VAL) Y value of point plotted on 1st curve
zPLOT_Y2VAL	INT	4	(IBM name: SMF99_2PLOT_Y2VAL) Y value of point plotted on 2nd curve

Record Type 99 Subtype 9 - Dynamic Channel Path Management Summary

Primary Segment:

- [SMF099#09_SRM_Dynamic_Channel_Path_Management_Summary](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF099#09_IO_Channel_Path_Data_Entry](#)
- [SMF099#09_IO_Subsystem_Data](#)
- [SMF099#09_IO_Subsystem_Plot](#)
- [SMF099#09_Plot_Curve_Point_Entry](#)
- [SMF099#09_Product_Information](#)
- [SMF099#09_Self_Defining_Section](#)

Primary segment: [SMF099#09_SRM_Dynamic_Channel_Path_Management_Summary](#)

Field Name	Type	Len	Description
<i>SMF099#09_SRM_Dynamic_Channel_Path_Management_Summary.<fieldname></i>			
<i>SMF099#09_SRM_Dynamic_Channel_Path_Management_Summary.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.
<i>SMF099#09_SRM_Dynamic_Channel_Path_Management_Summary.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: [SMF099#09_Product_Information](#)

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF099#09_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

<i>SMF099#09_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#09_Self_Defining_Section

Field Name	Type	Len	Description
<i>SMF099#09_Self_Defining_Section.<fieldname></i>			
zIOSUB_DATA_OF	INT	4	(IBM name: N/A) Offset to IO Subsystem data section from beginning of record (including RDW)
zIOSUB_DATA_LN	INT	2	(IBM name: N/A) Length of IO Subsystem Data section
zIOSUB_DATA_ON	INT	2	(IBM name: N/A) Number of IO Subsystem Data sections
zIOSUB_PLOT_OF	INT	4	(IBM name: N/A) Offset to IO Subsystem plots
zIOSUB_PLOT_LN	INT	2	(IBM name: N/A) Length of IO Subsystem plots
zIOSUB_PLOT_ON	INT	2	(IBM name: N/A) Number of IO Subsystem plots
zCHANNEL_DATA_OF	INT	4	(IBM name: N/A) Offset to Channel Data section
zCHANNEL_DATA_LN	INT	2	(IBM name: N/A) Length of Channel Data section
zCHANNEL_DATA_ON	INT	2	(IBM name: N/A) Number of Channel Data section

Secondary segment: SMF099#09_IO_Subsystem_Data

Field Name	Type	Len	Description
<i>SMF099#09_IO_Subsystem_Data.<fieldname></i>			
<i>SMF099#09_IO_Subsystem_Data.zFLAG1.<fieldname></i>			
zDynMgmt	BIT	1	Indicates that the I/O subsystem is eligible for dynamic management.
zCONFIG	BIT	1	Indicates CONFIG change has been made.

zNoPoint	BIT	1	Indicates that no point was plotted this interval. If this indicator is on, SMF99_IOSUB_INTERVAL_VELOCITY is not relevant.
zNoChann	BIT	1	Indicates that no channel data was written this interval. This indicator is set when the structure for the channel data does not exist.
zRatioCv	BIT	1	Indicates that while calculating the busy to connect ratio an entry ratio was converted from >1.6 to 1.3.

SMF099#09_IO_Subsystem_Data.zCONTROL_FLAGS.<fieldname>

zInvalid	BIT	1	Indicates that this SMF SubType record represents a situation that caused us not to create valid SMF SubType data. Identify the condition by checking one of the following indicators. Data in this SMF SubType is invalid other than possibly the SMF999_IOSUB_INDEX (valid when empty slot or old slot entry).
zNoRegData	BIT	1	Indicates that registry data does not exist.
zWlmNotConn	BIT	1	Indicates that the WLM LPAR Cluster structure is not connected.
zNotProc	BIT	1	Indicates that the SMF Buffer for the SubType Data was not processed from the previous interval.
zEmptySlot	BIT	1	Indicates empty slot entry.
zOldSlot	BIT	1	Indicates old slot entry.
zUnknown	BIT	1	Indicates unknown reason.

SMF099#09_IO_Subsystem_Data.<fieldname>

zROW_INDEX	INT	2	(IBM name: N/A) Channel path data row index
zDIAG_TOKEN	INT	3	(IBM name: N/A) Internal diagnosis data
zTOKEN_NED	CHAR	32	(IBM name: N/A) Token NED of I/O subsystem
zIOSUB_TARGET_VELOCITY	INT	4	(IBM name: N/A) I/O subsystem target velocity set by WLM
zIOSUB_VELOCITY	INT	4	(IBM name: N/A) The actual I/O velocity of the subsystem
zIOSUB_AVG_SVC_TIME	INT	4	(IBM name: N/A) Average service time
zIOSUB_CHECK_POINT_TIME	INT	4	(IBM name: N/A) Average service time of the subsystem when SRM set a target
zIOSUB_INDEX	INT	2	(IBM name: N/A) IO Subsystem Index
zLCU_SQNUMBER	INT	2	(IBM name: N/A) LCU sequence number
zCONTROL	HEX	16	(IBM name: N/A) Control unit numbers, _UNIT_ARRAY SMF999_CONTROL_UNITS(1-8), associated with LCU
zIOSUB_PROJECTED_VELOCITY	INT	4	(IBM name: N/A) Projected velocity to be expected if a change is to be made
zIOSUB_INTERVAL_VELOCITY	INT	4	(IBM name: N/A) The 10 SECOND I/O velocity that is used to plot a point.
zAVG_BUSY	INT	4	(IBM name: N/A) The average busy to connect time ratio _TO_CONNECT_RATIO calculated by WLM during the 10 SECOND copy interval.
zCLEAR_INTERVAL	INT	2	(IBM name: N/A) Clear interval index

zCSS_NUMBER	INT	1	(IBM name: N/A) Channel subsystem identifier
zIOSUB_INTERVALCHANNELWAITTIME	HEX	4	(IBM name: N/A) Interval Channel-Wait-Time
zTIMESTAMP_SYSTEM	CHAR	8	(IBM name: N/A) Identifies the system that made a CONFIG change

Secondary segment: **SMF099#09_IO_Subsystem_Plot**

Field Name	Type	Len	Description
<i>SMF099#09_IO_Subsystem_Plot.<fieldname></i>			
zIOSUB_BW	INT	4	(IBM name: N/A) Bucket width.
zIOSUB_LSTX	INT	4	(IBM name: SMF99_IOSUB_LSTX) Last plotted x bucket.
zIOSUB_POINTS_OF	INT	4	(IBM name: SMF99_IOSUB_POINTS_OF) Offset of point entries.
zIOSUB_POINTS_ON	INT	2	(IBM name: SMF99_IOSUB_POINTS_ON) Number of point entries.
zIOSUB_POINTS_LN	INT	2	(IBM name: SMF99_IOSUB_POINTS_LN) Length of a point entry.

Secondary segment: **SMF099#09_Plot_Curve_Point_Entry**

Field Name	Type	Len	Description
<i>SMF099#09_Plot_Curve_Point_Entry.<fieldname></i>			
zPLOT_XVAL	INT	4	(IBM name: SMF99_2PLOT_XVAL) X value of point plotted in a bucket
zPLOT_Y1VAL	INT	4	(IBM name: SMF99_2PLOT_Y1VAL) Y value of point plotted on 1st curve
zPLOT_Y2VAL	INT	4	(IBM name: SMF99_2PLOT_Y2VAL) Y value of point plotted on 2nd curve

Secondary segment: **SMF099#09_IO_Channel_Path_Data_Entry**

Field Name	Type	Len	Description
<i>SMF099#09_IO_Channel_Path_Data_Entry.<fieldname></i>			
zCHANNEL_ID	INT	1	(IBM name: N/A) I/O Subsystem channel ID.
zCHANNEL_TYPE	INT	1	(IBM name: N/A) I/O Subsystem channel type.
<i>SMF099#09_IO_Channel_Path_Data_Entry.zCHANNEL_FLAG.<fieldname></i>			
zWLM	BIT	1	Indicates that this channel can be managed by wlm.
<i>SMF099#09_IO_Channel_Path_Data_Entry.<fieldname></i>			
zCHANNEL_UTILIZATION	INT	4	(IBM name: N/A) I/O Subsystem Channel utilization for the current data collection interval.

zCHANNEL_PROJECTED_UTILIZATION	INT	1	(IBM name: N/A) Projected I/O Subsystem Channel utilization for the current data collection interval (percentage).
zCHANNEL_PROJ_CURRENT_PATH_LOAD	INT	1	(IBM name: N/A) Percent use for path projected for the current configuration during the calibration pass.
zCHANNEL_#SYSTEMS_CONTRIBUTED	INT	2	(IBM name: N/A) Count of systems that have contributed to this channel data.
zCHANNEL_PORT_BUSY_COUNT	INT	4	(IBM name: N/A) Channel port busy count.

Record Type 99 Subtype 10 - Dynamic Processor Speed Changes

Primary Segment:

- [SMF099#10_SRM_Dynamic_Processor_Speed_Changes](#)

Secondary Segment(s): 5 (in alphabetical order)

- [SMF099#10_CPU_Data](#)
- [SMF099#10_Processor_Speed_Change_New](#)
- [SMF099#10_Processor_Speed_Change_Old](#)
- [SMF099#10_Product_Information](#)
- [SMF099#10_Self_Defining_Section](#)

Primary segment: [SMF099#10_SRM_Dynamic_Processor_Speed_Changes](#)

Field Name	Type	Len	Description
<i>SMF099#10_SRM_Dynamic_Processor_Speed_Changes.<fieldname></i>			
<i>SMF099#10_SRM_Dynamic_Processor_Speed_Changes.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.
<i>SMF099#10_SRM_Dynamic_Processor_Speed_Changes.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: [SMF099#10_Product_Information](#)

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF099#10_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

<i>SMF099#10_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#10_Self_Defining_Section

Field Name	Type	Len	Description
<i>SMF099#10_Self_Defining_Section.<fieldname></i>			
zCPU_DATA_OFFSET	INT	4	(IBM name: SMF9910_CPU_DATA_OFFSET))Offset to CPU data section from beginning of record.)
zCPU_DATA_LENGTH	INT	2	(IBM name: SMF9910_CPU_DATA_LENGTH))Length of CPU data section.)
zCPU_DATA_NUMBER	INT	2	(IBM name: SMF9910_CPU_DATA_NUMBER))Number of CPU data sections.)
zPROC_SPEED_CHG_DATA_OLD_OFFSET	INT	4	(IBM name: SMF9910_PROC_SPEED_CHG_DATA_OLD_OFFSET))Offset to old processor speed change data section (including RDW.)
zPROC_SPEED_CHG_DATA_OLD_LENGTH	INT	2	(IBM name: SMF9910_PROC_SPEED_CHG_DATA_OLD_LENGTH))Length of old processor speed change data section.)
zPROC_SPEED_CHG_DATA_OLD_NUMBER	INT	2	(IBM name: SMF9910_PROC_SPEED_CHG_DATA_OLD_NUMBER))Number of old processor speed change data sections.)
zPROC_SPEED_CHG_DATA_NEW_OFFSET	INT	4	(IBM name: SMF9910_PROC_SPEED_CHG_DATA_NEW_OFFSET))Offset to new processor speed change data section (including RDW.)
zPROC_SPEED_CHG_DATA_NEW_LENGTH	INT	2	(IBM name: SMF9910_PROC_SPEED_CHG_DATA_NEW_LENGTH))Length of new processor speed change data section.)
zPROC_SPEED_CHG_DATA_NEW_NUMBER	INT	2	(IBM name: SMF9910_PROC_SPEED_CHG_DATA_NEW_NUMBER))Number of new processor speed change data sections.)

Secondary segment: SMF099#10_CPU_Data

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF099#10_CPU_Data.<fieldname></i>			
zCPU_RmctScSq	INT	2	(IBM name: SMF99A_CPU_RmctScSq) Number of speed changes.

Secondary segment: **SMF099#10_Processor_Speed_Change_Old**

Field Name	Type	Len	Description
<i>SMF099#10_Processor_Speed_Change_Old.<fieldname></i>			
zPSC_RMCTCpMp	INT	4	(IBM name: SMF99A_PSC_RMCTCpMp) CP speed.
zPSC_RMCTAdjc	INT	4	(IBM name: SMF99A_PSC_RMCTAdjc) CPU rate adjustment factor.

Secondary segment: **SMF099#10_Processor_Speed_Change_New**

Field Name	Type	Len	Description
<i>SMF099#10_Processor_Speed_Change_New.<fieldname></i>			
zPSC_RMCTCpMp	INT	4	(IBM name: SMF99A_PSC_RMCTCpMp) CP speed.
zPSC_RMCTAdjc	INT	4	(IBM name: SMF99A_PSC_RMCTAdjc) CPU rate adjustment factor.

Record Type 99 Subtype 11 - Group Capacity Limits

Primary Segment:

- SMF099#11_SRM_Group_Capacity_Limits

Secondary Segment(s): 4 (in alphabetical order)

- SMF099#11_Capacity_Group_Data
- SMF099#11_CEC_Service_Data
- SMF099#11_Product_Information
- SMF099#11_Self_Defining_Section

Primary segment: SMF099#11_SRM_Group_Capacity_Limits

Field Name	Type	Len	Description
<i>SMF099#11_SRM_Group_Capacity_Limits.<fieldname></i>			
SMF099#11_SRM_Group_Capacity_Limits.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

SMF099#11_SRM_Group_Capacity_Limits.Self_Defining_Section.<fieldname>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#11_Product_Information

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF099#11_Product_Information.<fieldname>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

SMF099#11_Product_Information.zFLG.<fieldname>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#11_Self_Defining_Section

Field Name	Type	Len	Description
SMF099#11_Self_Defining_Section.<fieldname>			
zCAPTY_GROUP_DATA_OFFSET	INT	4	(IBM name: SMF99B_CAPTY_GROUP_DATA_OFFSET) Offset to group capacity data section from beginning of record, included RDW.
zCAPTY_GROUP_DATA_LENGTH	INT	2	(IBM name: SMF99B_CAPTY_GROUP_DATA_LENGTH) Length of group capacity data section.
zCAPTY_GROUP_DATA_NUMBER	INT	2	(IBM name: SMF99B_CAPTY_GROUP_DATA_NUMBER) Number of group capacity data sections.
zCEC_SERVICE_DATA_OFFSET	INT	4	(IBM name: SMF99B_CEC_SERVICE_DATA_OFFSET) Offset to CEC service data section from beginning of record.
zCEC_SERVICE_DATA_LENGTH	INT	2	(IBM name: SMF99B_CEC_SERVICE_DATA_LENGTH) Length of CEC service data section.
zCEC_SERVICE_DATA_NUMBER	INT	2	(IBM name: SMF99B_CEC_SERVICE_DATA_NUMBER) Number of CEC service data sections.

Secondary segment: SMF099#11_Capacity_Group_Data

Field Name	Type	Len	Description
SMF099#11_Capacity_Group_Data.<fieldname>			
zCAPACITYGROUPNAME	CHAR	8	(IBM name: SMF99B_CAPACITYGROUPNAME) Name of the capacity group. All partitions that have the same capacity group name build the capacity group.
zGroupProcessorDispatchTime	INT	8	(IBM name: SMF99B_GroupProcessorDispatchTime) The dispatch time accumulated over all processors of all LPARs belonging to the capacity group.
zGroupWeight	INT	4	(IBM name: SMF99B_GroupWeight) The weight accumulated over all LPARs belonging to the capacity group.
zGroup_Msu_Limit	INT	4	(IBM name: SMF99B_Group_Msu_Limit) The group limit in million service units per hour (MSU).

zImgMsuLimit	INT	4	(IBM name: SMF99B_ImgMsuLimit) Capacity in millions of service units per hour, which is derived from defined and group capacity.
zCecNumberOfPartitions	INT	4	(IBM name: SMF99B_CecNumberOfPartitions) Number of partitions, returned in the output area of the Diagnose 204 hardware instruction.
zGrpNumberOfPartitions	INT	4	(IBM name: SMF99B_GrpNumberOfPartitions) Number of partitions in the same group as this partition.
zAvgUnused	INT	4	(IBM name: SMF99B_AvgUnused) Average unused rate in millions of service units per hour. This is a long term average.
zDonatedServiceUnits	INT	4	(IBM name: SMF99B_DonatedServiceUnits) Indicates that service units have been donated by one or more group members during the last complete five minute intervals.
zReceiverWeight	INT	4	(IBM name: SMF99B_ReceiverWeight) The weight accumulated over all receivers of donated service units.
zImgBaseMsu	INT	4	(IBM name: SMF99B_ImgBaseMsu) Capacity in MSU that belongs to this image. The capacity depends on the ratio between the current weight and the group weight.
zServiceTableIndex	INT	4	(IBM name: SMF99B_ServiceTableIndex) Index to the current entry for the SMF99B_ImgService field.
zGroupJoinedTod	TSTMP	8	(IBM name: SMF99B_GroupJoinedTod) Timestamp when this LPAR joined its group.

Secondary segment: **SMF099#11_CEC_Service_Data**

Field Name	Type	Len	Description
<i>SMF099#11_CEC_Service_Data.<fieldname></i>			
zImgName	CHAR	8	(IBM name: SMF99B_ImgName) Name of logical partition.
zImgSystemName	CHAR	8	(IBM name: SMF99B_ImgSystemName) Image system name as specified in hardware instruction DIAGNOSE 300 or by external means. Value is zero if no system name is declared.
zImgGroupName	CHAR	8	(IBM name: SMF99B_ImgGroupName) Name of the capacity group. All partitions which have the same CapacityGroupName build the capacity group.
zImgService	HEX	192	(IBM name: SMF99B_ImgService) Service units accumulated for an image of the CEC.
zImgProcessorDispatchTime	INT	8	(IBM name: SFM99B_ImgProcessorDispatchTime) Sum of processor dispatch times for this logical partition in microseconds. Updated every policy adjustment interval.
zImgInitialWght	INT	2	(IBM name: SMF99B_ImgInitialWght) Initial weight of the logical partition.
zImgCurrentWght	INT	2	(IBM name: SMF99B_ImgCurrentWght) Current weight of the logical partition.

Record Type 99 Subtype 12 - HiperDispatch Interval Data

Primary Segment:

- SMF099#12_SRM_HiperDispatch_Interval_Data

Secondary Segment(s): 5 (in alphabetical order)

- SMF099#12_Capacity_Data
- SMF099#12_Header_Data
- SMF099#12_Processor_Data
- SMF099#12_Product_Information
- SMF099#12_Self_Defining_Section

Primary segment: SMF099#12_SRM_HiperDispatch_Interval_Data

Field Name	Type	Len	Description
<i>SMF099#12_SRM_HiperDispatch_Interval_Data.<fieldname></i>			
<i>SMF099#12_SRM_HiperDispatch_Interval_Data.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.
<i>SMF099#12_SRM_HiperDispatch_Interval_Data.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: SMF099#12_Product_Information

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF099#12_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)

<i>SMF099#12_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: SMF099#12_Self_Defining_Section

Field Name	Type	Len	Description
<i>SMF099#12_Self_Defining_Section.<fieldname></i>			
zHD_Int_Hdr_OFFSET	INT	4	(IBM name: SMF9912_HD_Int_Hdr_OFFSET) Offset to header data section.
zHD_Int_Hdr_LENGTH	INT	2	(IBM name: SMF9912_HD_Int_Hdr_LENGTH) Length of header data section.
zHD_Int_Hdr_NUMBER	INT	2	(IBM name: SMF9912_HD_Int_Hdr_NUMBER) Number of header data sections.
zHD_Cap_Hdr_OFFSET	INT	4	(IBM name: SMF9912_HD_Cap_Hdr_OFFSET) Offset to capacity data section.
zHD_Cap_Hdr_LENGTH	INT	2	(IBM name: SMF9912_HD_Cap_Hdr_LENGTH) Length of capacity data section.
zHD_Cap_Hdr_NUMBER	INT	2	(IBM name: SMF9912_HD_Cap_Hdr_NUMBER) Number of capacity data sections.
zHD_Proc_Hdr_OFFSET	INT	4	(IBM name: SMF9912_HD_Proc_Hdr_OFFSET) Offset to processor data section.
zHD_Proc_Hdr_LENGTH	INT	2	(IBM name: SMF9912_HD_Proc_Hdr_LENGTH) Length of processor data section.
zHD_Proc_Hdr_NUMBER	INT	2	(IBM name: SMF9912_HD_Proc_Hdr_NUMBER) Number of processor data sections.

Secondary segment: SMF099#12_Header_Data

Field Name	Type	Len	Description
<i>SMF099#12_Header_Data.<fieldname></i>			
zVCM_SMF_Sequ	INT	4	(IBM name: SMF99C_VCM_SMF_Sequ) HiperDispatch SMF sequence number.
zVCM_ErrorCode	INT	2	(IBM name: SMF99C_VCM_ErrorCode) HiperDispatch Error Code.

SMF099#12_Header_Data.zVCM_Diag204_Flags.<fieldname>			
zLPARCapWLM	BIT	1	LPAR capped by WLM.
zLPARCapCust	BIT	1	LPAR capped by customer.
zWaitComplete	BIT	1	Wait completion.

SMF099#12_Header_Data.<fieldname>			
zVCM_Interval_Len	TIME	4	(IBM name: SMF99C_VCM_Interval_Len) Measured interval length in microseconds.
zVCM_LparPhysProcShr	INT	4	(IBM name: SMF99C_VCM_LparPhysProcShr) LPAR physical processor share for general CPUs/cores, scaled by 256.
zVCM_Interval_TOD	TSTMP	8	(IBM name: SMF99C_VCM_Interval_TOD) TOD when HiperDispatch code got control. In STCK format.

SMF099#12_Header_Data.zVCM_Flag1.<fieldname>			
zTopoChg	BIT	1	Topology has changed.
zRebuildAffinity	BIT	1	Rebuild affinity nodes.
zHonorPriorityChg	BIT	1	Honor priority has changed.
zWUQErr	BIT	1	Dispatcher WUQ error.
zProcSpeedChg	BIT	1	Processor speed change.

SMF099#12_Header_Data.zVCM_Flag2.<fieldname>			
zCECCapValid	BIT	1	CEC capacities are valid.
zLPARCapValid	BIT	1	LPAR capacities are valid.
zOldVCM	BIT	1	Old VCM state.
zDispAffinityUpd	BIT	1	Dispatcher affinity was updated.
zPTFMode	BIT	1	PTF was issued to initiate a switch into the opposite mode. However, the PTF return info tells us that we are already in the requested mode.
zVCMTrans	BIT	1	VCM is transitioning to/from vertical.

SMF099#12_Header_Data.zVCM_Flag3.<fieldname>			
zTopologyInst	BIT	1	Topology facility installed.
zIFAIInst	BIT	1	IFA facility installed.
zLPARDedicated	BIT	1	LPAR has only dedicated CPUs/cores.
zXMemory	BIT	1	Cross memory set.
zNewTLE	BIT	1	New container TLE.
zWrTopoChg	BIT	1	Write TopoChg section.

SMF099#12_Header_Data.zVCM_Flag4.<fieldname>			
zIFAHonorState	BIT	1	IFA honor priority state of previous interval.
zSUPHonorState	BIT	1	SUP honor priority state of previous interval.

SMF099#12_Header_Data.<fieldname>			
zVCM_DiagMPWQ	HEX	16	(IBM name: SMF99C_VCM_DiagMPWQ) 1st data element of diagnostic MPWQ data array.
zVCM_DiagMPWQ_2	HEX	16	(IBM name: N/A) 2nd data element of diagnostic MPWQ data array.
zVCM_DiagECPX	HEX	16	(IBM name: SMF99C_VCM_DiagECPX) 1st data element of diagnostic ECPX data array.
zVCM_DiagECPX_2	HEX	16	

			(IBM name: N/A) 2nd data element of diagnostic ECPX data array.
--	--	--	--

SMF099#12_Header_Data.zMT_Flag1.<fieldname>

zResCPUCore	BIT	1	Processor resource is viewed as a CPU core.
zMultCPUCore	BIT	1	Multiple CPUs defined within a CPU core.
zHDRReadyMT	BIT	1	HiperDispatch is now ready for MT mode switches.

SMF099#12_Header_Data.zMT_Flag2.<fieldname>

zMTChgSTSI	BIT	1	MT mode change is pending due to STSI.
zMTReconPend	BIT	1	The supervisor-requested MT reconfiguration is pending.
zMTChgHISMT	BIT	1	MT mode change is pending due to HISMT recovery.
zMTChgStatus	BIT	1	MT mode change is pending due to wait completion status change.
zMTChgSup	BIT	1	MT mode change is pending due to supervisor request.

SMF099#12_Header_Data.<fieldname>

zVCM_current_state	INT	4	(IBM name: SMF99C_VCM_current_state) Current HiperDispatch state.
zVCM_previous_state	INT	4	(IBM name: SMF99C_VCM_previous_state) Previous HiperDispatch state.
zVCM_Restart_Ctr	INT	4	(IBM name: SMF99C_VCM_Restart_Ctr) Recovery restart counter.
zVCM_HardwareGroupname	CHAR	8	(IBM name: SMF99C_VCM_HardwareGroupname) Hardware group name

Secondary segment: SMF099#12_Capacity_Data

Field Name	Type	Len	Description
SMF099#12_Capacity_Data.<fieldname>			
zHD_Int_Cap_ProcType	INT	1	(IBM name: SMF99C_HD_Int_Cap_ProcType) Processor type.

SMF099#12_Capacity_Data.zVCM_LparCapsSMF.<fieldname>
SMF099#12_Capacity_Data.zVCM_LparCapsSMF.zVCM_LparFlags.<fieldname>

zCPUMatch	BIT	1	The physical CPU/core share matches the number and polarization of the CPUs/cores passed by the topology information.
zCPUHIVHVM	BIT	1	The physical CPU/core share is higher than the number of VHs and VMs passed by the topology info.
zCPULoVHVM	BIT	1	The physical CPU/core share is lower than the number of VHs and VMs passed by the topology info.

SMF099#12_Capacity_Data.zVCM_LparCapsSMF.<fieldname>

zVCM_MvsBusyDynaThrUnpark	INT	2	(IBM name: SMF99C_VCM_MvsBusyDynaThrUnpark) Dynamic MvsBusy threshold for unparking, scaled by 16.
zVCM_MvsBusyDynaThrPark	INT	2	(IBM name: SMF99C_VCM_MvsBusyDynaThrPark) Dynamic MvsBusy threshold for parking, scaled by 16.
zVCM_MvsBusyThrUnpark	INT	2	(IBM name: SMF99C_VCM_MvsBusyThrUnpark) MvsBusy threshold for unparking, scaled by 16.
zVCM_MvsBusyThrPark	INT	2	(IBM name: SMF99C_VCM_MvsBusyThrPark) MvsBusy threshold for parking, scaled by 16.

zVCM_MvsBusy	INT	4	(IBM name: SMF99C_VCM_MvsBusy) Average CPU usage, scaled by 16.
zVCM_LparCapUsedAdj	INT	4	(IBM name: SMF99C_VCM_LparCapUsedAdj) Used LPAR capacity in microseconds, adjusted to the scheduled VCM interval length.
zVCM_LparCapUsed	INT	4	(IBM name: SMF99C_VCM_LparCapUsed) Used LPAR capacity in microseconds.
zVCM_LparCapUsedDiscr	INT	4	(IBM name: SMF99C_VCM_LparCapUsedDiscr) Used capacity of the non-guaranteed capacity (partially VM and unparked VLs) in microseconds, adjusted to the scheduled VCM interval length.
zVCM_LparCapUsedVmVl	INT	4	(IBM name: SMF99C_VCM_LparCapUsedVmVl) Used capacity on VMs and VLs, adjusted to the scheduled VCM interval length.
zVCM_LowCECMaxUp	INT	2	(IBM name: SMF99C_VCM_LowCECMaxUp) Maximum number of VLs unparked if low CEC utilization.
zVCM_LowCECMvsBusy	INT	2	(IBM name: SMF99C_VCM_LowCECMvsBusy) Park threshold for low CEC utilization, scaled by 16.
zVCM_LparCapVmVlUsedLparCapUsedOfAlloc	INT	4	(IBM name: SMF99C_VCM_LparCapVmVlUsedLparCapUsedOfAlloc) Percentage used of allocated VM + VL capacity, scaled by 256.
zVCM_LparCapVmVlUsedOverGuaran	INT	4	(IBM name: SMF99C_VCM_LparCapVmVlUsedOverGuaran) Percentage of guaranteed VM capacity used by VM + VL, scaled by 256.
zVCM_LparCapAllocVmVl	INT	4	(IBM name: SMF99C_VCM_LparCapAllocVmVl) Allocated LPAR capacity on VMs and VLs in microseconds.
zVCM_LparCapAlloc	INT	4	(IBM name: SMF99C_VCM_LparCapAlloc) Allocated LPAR capacity in microseconds. The allocated capacity is provided by the guaranteed capacity on VHS and VMs, plus extra capacity on VMs and unparked VLs.
zVCM_LparCapNonGuaran	INT	4	(IBM name: SMF99C_VCM_LparCapNonGuaran) Non guaranteed LPAR capacity in microseconds.
zVCM_LparCapMedGuaran	INT	4	(IBM name: SMF99C_VCM_LparCapMedGuaran) Guaranteed LPAR capacity on VMs in microseconds.
zVCM_LparCapGuaran	INT	4	(IBM name: SMF99C_VCM_LparCapGuaran) Guaranteed LPAR capacity in microseconds. This value is calculated from the physical processor share of this LPAR.
zVCM_MvsBusyProjected	INT	4	(IBM name: SMF99C_VCM_MvsBusyProjected) Projected MvsBusy, scaled by 16.
zVCM_LparUnusedCapShare	INT	4	(IBM name: SMF99C_VCM_LparUnusedCapShare) Unused capacity share of this LPAR in microseconds.
zVCM_LparUnusedCap	INT	4	(IBM name: SMF99C_VCM_LparUnusedCap) Unused LPAR capacity in microseconds including the unused capacity share for this LPAR.
zVCM_CECUtilPark	INT	2	(IBM name: SMF99C_VCM_CECUtilPark) CEC Utilization threshold for parking, scaled by 256.
zVCM_PUpDispl	INT	2	(IBM name: SMF99C_VCM_PUpDispl) Park / Unpark displacement, scaled by 16.

SMF099#12_Capacity_Data.zVCM_Diag204_LogInfo.<fieldname>

zVCM_D204_TotalW	INT	4	(IBM name: SMF99C_VCM_D204_TotalW) Total LPAR weight.
zVCM_D204_CurrentW	INT	4	(IBM name: SMF99C_VCM_D204_CurrentW) Current LPAR weight.
zVCM_D204_WrkCurrW	INT	4	(IBM name: SMF99C_VCM_D204_WrkCurrW) Accumulated current LPAR weight.
zVCM_D204_LCpus	INT	2	(IBM name: SMF99C_VCM_D204_LCpus) Number of logical CPUs/cores for this LPAR.

SMF099#12_Capacity_Data.zVCM_Diag204_LogInfo.zVCM_D204_Flags1.<fieldname>			
zLPARCapType	BIT	1	LPAR capped by customer per processor type.
SMF099#12_Capacity_Data.zVCM_CPUs.<fieldname>			
zVCM_CpuHi	INT	1	(IBM name: SMF99C_VCM_CpuHi) Number of VHs.
zVCM_CpuMed	INT	1	(IBM name: SMF99C_VCM_CpuMed) Number of VMs.
zVCM_CpuLo	INT	1	(IBM name: SMF99C_VCM_CpuLo) Number of VLs.
zVCM_CpuLoUnparked	INT	1	(IBM name: SMF99C_VCM_CpuLoUnparked) Number of unparked VLs.
zVCM_CpuLoParked	INT	1	(IBM name: SMF99C_VCM_CpuLoParked) Number of parked VLs.
SMF099#12_Capacity_Data.zVCM_DiagCapAdj.<fieldname>			
SMF099#12_Capacity_Data.zVCM_DiagCapAdj.zVCM_DiagCapIncr.<fieldname>			
zCapIncAdj	BIT	1	Adjust capacity increase.
zCapIncAdjUnPark	BIT	1	Adjust capacity increase by unparking a processor.
zUnpark	BIT	1	Unpark request.
zUnparkAll	BIT	1	Unpark all request.
zUnparkCap	BIT	1	Unpark requested because the LPAR capacity is below the guaranteed capacity + unused capacity share.
zPRSMUnparkVH	BIT	1	PR/SM capped LPAR: Unpark requested because of high VH utilization.
SMF099#12_Capacity_Data.zVCM_DiagCapAdj.zVCM_DiagCapDecr.<fieldname>			
zCapDecAdj	BIT	1	Adjust capacity decrease.
zCapDecAdjPark	BIT	1	Adjust capacity decrease by parking a processor.
zPark	BIT	1	Park requested.
zParkAll	BIT	1	Park all request.
zMVSBusyLo	BIT	1	MvsBusy too low.
zVLLo	BIT	1	VL effect too low.
zVMVLLo	BIT	1	Small VM/VL effectiveness.
zVMVLNo	BIT	1	no VM/VL effectiveness.
zVHNo	BIT	1	If no VH exists.
zCapDecNo	BIT	1	No capacity decrease adjustment. Reason: Low CEC utilization.
zPRSMParkAll	BIT	1	PR/SM capped LPAR: Park all. Below zEC12 hardware.
zPRSMParkAllCEC	BIT	1	PR/SM capped LPAR: Park all. High CEC utilization and no unused LPAR capacity.
zPRSMVHLo	BIT	1	PR/SM capped LPAR: VH utilization is low.
zPRSMVLLo	BIT	1	PR/SM capped LPAR: VL effect too low.
zPRSMMVSBusyLo	BIT	1	PR/SM capped LPAR: MVS busy too low.
zPRSMCapDecAdj	BIT	1	PR/SM capped LPAR: Adjust capacity decrease.
SMF099#12_Capacity_Data.zVCM_DiagCapAdj.zVCM_DiagCapDecr_Cont.<fieldname>			
zParkAllLim	BIT	1	Park all request. Free capacity unpark threshold above upper limit.

zPRSMCapDecNo	BIT	1	PR/SM capped LPAR: No capacity decrease adjustment. Reason: Low CEC utilization
---------------	-----	---	--

SMF099#12_Capacity_Data.zVCM_CecCapsSMF.<fieldname>			
zVCM_CecCapTotal	INT	4	(IBM name: SMF99C_VCM_CecCapTotal) Total CEC capacity in microseconds.
zVCM_CecCapUsedAdj	INT	4	(IBM name: SMF99C_VCM_CecCapUsedAdj) CEC capacity used in microseconds, adjusted to the scheduled VCM interval length.
zVCM_CecCapUsed	INT	4	(IBM name: SMF99C_VCM_CecCapUsed) CEC capacity used in microseconds.
zVCM_CecCapFree	INT	4	(IBM name: SMF99C_VCM_CecCapFree) Free CEC capacity in microseconds, adjusted to the scheduled VCM interval length.
zVCM_CecSharedCps	INT	2	(IBM name: SMF99C_VCM_CecSharedCps) Number of shared CPUs/cores.
zVCM_CecCapFreeLimit	INT	2	(IBM name: SMF99C_VCM_CecCapFreeLimit) CEC free limit for unparking, scaled by 256.
zVCM_CecUtil	INT	2	(IBM name: SMF99C_VCM_CecUtil) Total CEC utilization, scaled by 256.
zVCM_CecTotUnusedCap	INT	4	(IBM name: SMF99C_VCM_CecTotUnusedCap) Total unused capacity of all LPARs in CEC in microseconds. The unused capacity of the requesting LPAR is not included.
zVCM_CecTotLparWgtAboveGuaran	INT	2	(IBM name: SMF99C_VCM_CecTotLparWgtAboveGuaran) Total weight of all LPARs with a processor demand above guaranteed capacity. The weight of the requesting LPAR is always included.
zVCM_CecPhysMgmTime	INT	4	(IBM name: SMF99C_VCM_CecPhysMgmTime) Physical LPAR management time of all CPUs/cores in microseconds.
zVCM_CecPhysMgmTimeAdj	INT	4	(IBM name: SMF99C_VCM_CecPhysMgmTimeAdj) Physical LPAR management time of all CPUs/cores, adjusted to the scheduled VCM interval length.

SMF099#12_Capacity_Data.zMT.<fieldname>			
zMT_CF	INT	4	(IBM name: SMF99C_MT_CF) Capacity factor of processor class.
zMT_mCF	INT	4	(IBM name: SMF99C_MT_mCF) Max capacity factor of processor class.
zMT_Opt_Orig	INT	1	(IBM name: SMF99C_MT_Opt_Orig) Multithreading mode value.
zMT_Opt_InUse	INT	1	(IBM name: SMF99C_MT_Opt_InUse) Multithreading mode value as forced by environment.
zMT_Curr	INT	1	(IBM name: SMF99C_MT_Curr) Multithreading mode currently in use.
zMT_tgt	INT	1	(IBM name: SMF99C_MT_tgt) Multithreading mode target value.

SMF099#12_Capacity_Data.zVCM_Diag204_LogInfo_cont.<fieldname>			
zVCM_D204_CpuTypeCap	BINT	31	(IBM name: SMF99C_VCM_D204_CpuTypeCap) PR/SM capping limit:
zVCM_D204HardwareGroupCpuTypeCap	INT	4	(IBM name: SMF99C_VCM_D204HardwareGroupCpuTypeCap) HW group capping limit. Count of 100ths of proc units.

SMF099#12_Capacity_Data.zVCM_LparCapsSMF_cont.<fieldname>			
zVCM_PRSMCapCecUtilParkAllThr	INT	2	(IBM name: SMF99C_VCM_PRSMCapCecUtilParkAllThr) PR/SM capping: CEC utilization park all threshold scaled by

			256.
zVCM_PRSMCapVhUtilThr_max	INT	2	(IBM name: SMF99C_VCM_PRSMCapVhUtilThr_max) PR/SM capping: VH/VM utilization unpark threshold scaled by 256.
zVCM_PRSMCapVhUtilThr_min	INT	2	(IBM name: SMF99C_VCM_PRSMCapVhUtilThr_min) PR/SM capping: VH/VM utilization park threshold scaled by 256.
zVCM_LparCapUsedVHAdj	INT	4	(IBM name: SMF99C_VCM_LparCapUsedVHAdj) Used VH capacity of previous interval in microseconds.
zVCM_LparCapUsedVMAdj	INT	4	(IBM name: SMF99C_VCM_LparCapUsedVMAdj) Used VM capacity of previous interval in microseconds.
zVCM_VHUtil	INT	2	(IBM name: SMF99C_VCM_VHUtil) VH utilization of previous interval scaled by 256.
zVCM_VMUtil	INT	2	(IBM name: SMF99C_VCM_VMUtil) VM utilization of previous interval scaled by 256.
zVCM_ProjVHMUtil	INT	2	(IBM name: SMF99C_VCM_ProjVHMUtil) Projected VH utilization (or projected VM utilization if there is no VH in the topology) if one VL would have been parked.

SMF099#12_Capacity_Data.zVCM_MA.<fieldname>

SMF099#12_Capacity_Data.zVCM_MA.zVCM_MA_Flgs.<fieldname>			
zNotBalanced	BIT	1	Broken up address spaces are not balanced in consideration of memory affinity aspects
zNoTopoLoc	BIT	1	No processor topology location crossing
zSingleAFN	BIT	1	Single AFN
zPRSMCapDecNo	BIT	1	Memory affinity not supported for this hardware
zHiASNotBalanced	BIT	1	High storage consumer address spaces are not balanced in consideration of memory affinity aspects

SMF099#12_Capacity_Data.zVCM_MA.<fieldname>			
zVCM_HscDynMvsBusyThr	INT	2	(IBM name: SMF99C_VCM_HscDynMvsBusyThr) Dyanamic MVS busy threshold.
zVCM_HdMaHSCT	INT	2	(IBM name: SMF99C_VCM_HdMaHSCT) High storage consumer threshold.
zVCM_HdTDMU	INT	2	(IBM name: SMF99C_VCM_HdTDMU) Maximum topology distance value.

Secondary segment: SMF099#12_Processor_Data

Field Name	Type	Len	Description
SMF099#12_Processor_Data.<fieldname>			
zHD_Int_Proc_Idx	INT	2	(IBM name: SMF99C_HD_Int_Proc_Idx) HiperDispatch interval processor index.
SMF099#12_Processor_Data.zLCCADSF2.<fieldname>			
zParked	BIT	1	Processor parked.
SMF099#12_Processor_Data.zLCCASCFL.<fieldname>			
zParkPending	BIT	1	Processor park request pending.

Record Type 99 Subtype 14 - HiperDispatch Topology Data

Primary Segment:

- SMF099#14_SRM_HiperDispatch_Topology_Data

Secondary Segment(s): 7 (in alphabetical order)

- SMF099#14_Header_Data
- SMF099#14_MPWQ_CPUCore_Data
- SMF099#14_MPWQ_HNode_Data
- SMF099#14_Node_Data
- SMF099#14_Processor_Data
- SMF099#14_Product_Information
- SMF099#14_Self_Defining_Section

Primary segment: SMF099#14_SRM_HiperDispatch_Topology_Data

Field Name	Type	Len	Description
<i>SMF099#14_SRM_HiperDispatch_Topology_Data.<fieldname></i>			
<i>SMF099#14_SRM_HiperDispatch_Topology_Data.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF99FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF99RTY) Record type 99
zTME	TSTMP	8	(IBM name: SMF99TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF99SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF99SSID) Sub system identification
zSTY	INT	2	(IBM name: SMF99TID) Record SubType (must be at offset X'16' x).
zSDEF_LEN	INT	4	(IBM name: SMF99_SDEF_LEN) Length of the self definition section.

<i>SMF099#14_SRM_HiperDispatch_Topology_Data.Self_Defining_Section.<fieldname></i>			
zPOF	INT	4	(IBM name: SMF99POF) Offset to the product section from the beginning of the record (including RDW).
zPLN	INT	2	(IBM name: SMF99PLN) Length of the product section.
zPON	INT	2	(IBM name: SMF99PON) Number of the product section.
zDOF	INT	4	(IBM name: SMF99DOF) Offset to data section from beginning of the record (including RDW).
zDLN	INT	2	(IBM name: SMF99DLN) Length of the data section.
zDON	INT	2	(IBM name: SMF99DON) Number of the data section.

Secondary segment: **SMF099#14_Product_Information**

Field Name	Type	Len	Description
<i>SMF099#14_Product_Information.<fieldname></i>			
zVN2	INT	2	(IBM name: SMF99VN2) Record sub-version. Use to identify changes to the record in the service stream.
zRVN	CHAR	2	(IBM name: SMF99RVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF99PNM) Product name - SRM
zSLV	CHAR	8	(IBM name: SMF99SLV) System level from which record was cut (Copied from CVTPRODN).
zSNM	CHAR	8	(IBM name: SMF99SNM) System name from which record was cut (Copied from CVTSNAME)
<i>SMF099#14_Product_Information.zFLG.<fieldname></i>			
zTrunc	BIT	1	Only a subset of the available data was written to avoid that this record gets larger than 32K.
zCont	BIT	1	Only a subset of the available data is written to this record. The rest follows in subsequent records. This record contains a reassembly area.

Secondary segment: **SMF099#14_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF099#14_Self_Defining_Section.<fieldname></i>			
zHD_TopoChg_Hdr_OFFSET	INT	4	(IBM name: SMF9914_HD_TopoChg_Hdr_OFFSET) Offset to header data section.
zHD_TopoChg_Hdr_LENGTH	INT	2	(IBM name: SMF9914_HD_TopoChg_Hdr_LENGTH) Length of header data section.
zHD_TopoChg_Hdr_NUMBER	INT	2	(IBM name: SMF9914_HD_TopoChg_Hdr_NUMBER) Number of header data sections.
zHD_TopoChg_CPU_OFFSET	INT	4	(IBM name: SMF9914_HD_TopoChg_CPU_OFFSET) Offset to processor data section.
zHD_TopoChg_CPU_LENGTH	INT	2	(IBM name: SMF9914_HD_TopoChg_CPU_LENGTH) Length of processor data section.
zHD_TopoChg_CPU_NUMBER	INT	2	(IBM name: SMF9914_HD_TopoChg_CPU_NUMBER) Number of processor data sections.
zHD_TopoChg_Node_OFFSET	INT	4	(IBM name: SMF9914_HD_TopoChg_Node_OFFSET) Offset to node data section.
zHD_TopoChg_Node_LENGTH	INT	2	(IBM name: SMF9914_HD_TopoChg_Node_LENGTH) Length of node data section.
zHD_TopoChg_Node_NUMBER	INT	2	(IBM name: SMF9914_HD_TopoChg_Node_NUMBER) Number of node data sections.
zHD_TopoChg_MPWQ_OFFSET	INT	4	(IBM name: SMF9914_HD_TopoChg_MPWQ_OFFSET) Offset to MPWQ data section.
zHD_TopoChg_MPWQ_LENGTH	INT	2	(IBM name: SMF9914_HD_TopoChg_MPWQ_LENGTH) Length of MPWQ data section.
zHD_TopoChg_MPWQ_NUMBER	INT	2	(IBM name: SMF9914_HD_TopoChg_MPWQ_NUMBER) Number of MPWQ data sections.
zHD_TopoChg_MPWQ_HNODE_OFFSET	INT	4	(IBM name: SMF9914_HD_TopoChg_MPWQ_HNODE_OFFSET) Offset to MPWQ HNODE data section.
zHD_TopoChg_MPWQ_HNODE_LENGTH	INT	2	

			(IBM name: SMF9914_HD_TopoChg_MPWQ_HNODE_LENGTH) Length of MPWQ HNODE data section.
zHD_TopoChg_MPWQ_HNODE_NUMBER	INT	2	(IBM name: SMF9914_HD_TopoChg_MPWQ_HNODE_NUMBER) Number of MPWQ HNODE data sections.

Secondary segment: **SMF099#14_Header_Data**

Field Name	Type	Len	Description
<i>SMF099#14_Header_Data.<fieldname></i>			
zVCM_SMF_Sequ	INT	4	(IBM name: SMF99E_VCM_SMF_Sequ) Balancer interval sequence number.

<i>SMF099#14_Header_Data.zVCM_Flag1.<fieldname></i>			
zTopoChg	BIT	1	Topology has changed.
zRebuildAffinity	BIT	1	Rebuild affinity nodes.
zHonorPriorityChg	BIT	1	Honor priority has changed.
zWUQErr	BIT	1	Dispatcher WUQ error.
zProcSpeedChg	BIT	1	Processor speed change.

<i>SMF099#14_Header_Data.zVCM_Flag2.<fieldname></i>			
zCECCapValid	BIT	1	CEC capacities are valid.
zLPARCapValid	BIT	1	LPAR capacities are valid.
zOldVCM	BIT	1	Old VCM state.
zDispAffinityUpd	BIT	1	Dispatcher affinity was updated.
zPTFMode	BIT	1	PTF was issued to initiate a switch into the opposite mode. However, the PTF return info tells us that we are already in the requested mode.
zVCMTrans	BIT	1	VCM is transitioning to/from vertical.

<i>SMF099#14_Header_Data.<fieldname></i>			
zVCM_ErrorCode	INT	2	(IBM name: SMF99E_VCM_ErrorCode) VCM Error Code.
zVCM_CpsPerAN	INT	1	(IBM name: SMF99E_VCM_CpsPerAN) CPUs/cores per affinity node.
zVCM_LparPhysProcShr	INT	4	(IBM name: SMF99E_VCM_LparPhysProcShr) LPAR physical processor share for general CPUs/cores, scaled by 256.
zVCM_MaxAffinityIndex	INT	2	(IBM name: SMF99E_VCM_MaxAffinityIndex) Maximum affinity index the system supports for the life of the IPL.
zVCM_MaxCpuldForIPL	INT	2	(IBM name: SMF99E_VCM_MaxCpuldForIPL) Maximum CPU ID/core ID the system supports activating for the life of the IPL.
zVCM_HwLevel	INT	4	(IBM name: SMF99E_VCM_HwLevel) HW level.
zVCM_CURRTOPO_TOD	TSTMP	8	(IBM name: SMF99E_VCM_CURRTOPO_TOD) Timestamp of the STSI returned SYSIB 15.1.x information which is currently used by HiperDispatch.

Secondary segment: **SMF099#14_Processor_Data**

Field Name	Type	Len	Description
<i>SMF099#14_Processor_Data.<fieldname></i>			
zHD_TopoChg_CPU_Index	INT	2	(IBM name: SMF99E_HD_TopoChg_CPU_Index) Logical CPU/core number.
SMF099#14_Processor_Data.zCP_CPU_Array.<fieldname>			
zCP_Cpu_Type	INT	1	(IBM name: SMF99E_CP_Cpu_Type) CPU/core type.
SMF099#14_Processor_Data.zCP_CPU_Array.zCP_Misc.<fieldname>			
zPolarization	BINT	2	CPU/core polarization.
SMF099#14_Processor_Data.zCP_CPU_Array.zCP_Topo.<fieldname>			
zCP_ChipID	INT	1	(IBM name: SMF99E_CP_ChipID) Chip ID.
zCP_BookID	INT	1	(IBM name: SMF99E_CP_BookID) Book ID.
SMF099#14_Processor_Data.zCP_CPU_Array.<fieldname>			
zCP_Cap	INT	4	(IBM name: SMF99E_CP_Cap) CPU/core capacity in microseconds.
SMF099#14_Processor_Data.zCP_CI.<fieldname>			
zCP_CI_NlInUse	INT	1	(IBM name: SMF99E_CP_CI_NlInUse) Number of highest nesting level in use in array SMF99E_CP_CI_NL. 0 = there is no container information available in SMF99E_CP_CI_NL.
SMF099#14_Processor_Data.zCP_CI.zCP_CI_Flags.<fieldname>			
zNoCPUTop	BIT	1	No CPU topology information available in SMF99E_CP_Topo.
SMF099#14_Processor_Data.zCP_CI.zCP_CI_NL.<fieldname>			
zCP_CI_NL1	INT	1	(IBM name: SMF99E_CP_CI_NL1) Container ID of nesting level 1.
zCP_CI_NL2	INT	1	(IBM name: SMF99E_CP_CI_NL2) Container ID of nesting level 2.
zCP_CI_NL3	INT	1	(IBM name: SMF99E_CP_CI_NL3) Container ID of nesting level 3.
zCP_CI_NL4	INT	1	(IBM name: SMF99E_CP_CI_NL4) Container ID of nesting level 4.
zCP_CI_NL5	INT	1	(IBM name: SMF99E_CP_CI_NL5) Container ID of nesting level 5.

Secondary segment: **SMF099#14_Node_Data**

Field Name	Type	Len	Description
<i>SMF099#14_Node_Data.<fieldname></i>			
zHD_TopoChg_Node_Index	INT	2	(IBM name: SMF99E_HD_TopoChg_Node_Index) Logical CPU/core number.
SMF099#14_Node_Data.zAN_Array.<fieldname>			
SMF099#14_Node_Data.zAN_Array.zAN_Node.<fieldname>			

zAN_CpuType	INT	1	(IBM name: SMF99E_AN_Type) CPU/core type.
SMF099#14_Node_Data.zAN_Array.zAN_Node.zAN_CpuCounts.<fieldname>			
zAN_PolarHi	INT	2	(IBM name: SMF99E_AN_PolarHi) Number of VHs in this affinity node.
zAN_PolarMed	INT	2	(IBM name: SMF99E_AN_PolarMed) Number of VMs in this affinity node.
zAN_PolarLow	INT	2	(IBM name: SMF99E_AN_PolarLow) Number of VLs in this affinity node.
SMF099#14_Node_Data.zAN_Array.zAN_Info.<fieldname>			
SMF099#14_Node_Data.zAN_Array.zAN_Info.zAN_Topo.<fieldname>			
zAN_ChipID	INT	1	(IBM name: SMF99E_AN_ChipID) Chip ID.
zAN_BookID	INT	1	(IBM name: SMF99E_AN_BookID) Book ID.
SMF099#14_Node_Data.zAN_Array.zAN_Info.zAN_Flags.<fieldname>			
zCPUBoundary	BIT	1	CPUs/cores on this node are boundary crossing.
zHelpBoundary	BIT	1	Helper nodes are boundary crossing.
SMF099#14_Node_Data.zAN_Array.zAN_Info.<fieldname>			
zAN_Cap	INT	4	(IBM name: SMF99E_AN_Cap) Capacity of affinity node in microseconds.
SMF099#14_Node_Data.zAN_CI.<fieldname>			
zAN_CI_NIInUse	INT	1	(IBM name: SMF99E_AN_CI_NIInUse) Number of highest nesting level in use in array SMF99E_AN_CI_NL. 0 = there is no container information available in SMF99E_AN_CI_NL.
SMF099#14_Node_Data.zAN_CI.zAN_CI_Flags.<fieldname>			
zNoCPUtop	BIT	1	No CPU topology information available in SMF99E_AN_Topo.
SMF099#14_Node_Data.zAN_CI.zAN_CI_NL.<fieldname>			
zAN_CI_NL1	INT	1	(IBM name: SMF99E_AN_CI_NL1) Container ID of nesting level 1.
zAN_CI_NL2	INT	1	(IBM name: SMF99E_AN_CI_NL2) Container ID of nesting level 2.
zAN_CI_NL3	INT	1	(IBM name: SMF99E_AN_CI_NL3) Container ID of nesting level 3.
zAN_CI_NL4	INT	1	(IBM name: SMF99E_AN_CI_NL4) Container ID of nesting level 4.
zAN_CI_NL5	INT	1	(IBM name: SMF99E_AN_CI_NL5) Container ID of nesting level 5.

Secondary segment: **SMF099#14_MPWQ_CPUCore_Data**

Field Name	Type	Len	Description
SMF099#14_MPWQ_CPUCore_Data.<fieldname>			
zHD_TopoChg_MPWQ_CPU_Index	INT	2	(IBM name: SMF99E_HD_TopoChg_MPWQ_CPU_Index) MPWQ CPU/core Number.

zMPWQ_Affinity_Node	INT	1	(IBM name: SMF99E_MPWQ_Affinity_Node) Affinity node this CPU/core belongs to.
zMPWQ_Share	INT	1	(IBM name: SMF99E_MPWQ_Share) CPU/core share.

Secondary segment: **SMF099#14_MPWQ_HNode_Data**

Field Name	Type	Len	Description
<i>SMF099#14_MPWQ_HNode_Data.<fieldname></i>			
zHD_TopoChg_MPWQ_Node_Index	INT	2	(IBM name: SMF99E_HD_TopoChg_MPWQ_Node_Index) MPWQ Node Number.

<i>SMF099#14_MPWQ_HNode_Data.zMPWQ_Affinity_Node_Help_Sum.<fieldname></i>			
zMPWQ_Drawer_Crossing_Index	INT	1	(IBM name: SMF99E_MPWQ_Drawer_Crossing_Index) Drawer crossing index.

<i>SMF099#14_MPWQ_HNode_Data.<fieldname></i>			
zMPWQ_Help_Nodes	HEX	44	(IBM name: SMF99E_MPWQ_Help_Nodes) Helper nodes array of this affinity node. Consists of 44 one-byte data elements. Only the first 44 helper nodes are supported.

<i>SMF099#14_MPWQ_HNode_Data.zMPWQ_Affinity_Node_Help_Sum_Cont.<fieldname></i>			
--	--	--	--

<i>SMF099#14_MPWQ_HNode_Data.zMPWQ_Affinity_Node_Help_Sum_Cont.zMPWQ_ContCrossIndex.<fieldname></i>			
zMPWQ_ContCrossIndex_NL1	INT	1	(IBM name: SMF99E_MPWQ_ContCrossIndex_NL1) Container crossing index of nesting level 1.
zMPWQ_ContCrossIndex_NL2	INT	1	(IBM name: SMF99E_MPWQ_ContCrossIndex_NL2) Container crossing index of nesting level 2.
zMPWQ_ContCrossIndex_NL3	INT	1	(IBM name: SMF99E_MPWQ_ContCrossIndex_NL3) Container crossing index of nesting level 3.
zMPWQ_ContCrossIndex_NL4	INT	1	(IBM name: SMF99E_MPWQ_ContCrossIndex_NL4) Container crossing index of nesting level 4.
zMPWQ_ContCrossIndex_NL5	INT	1	(IBM name: SMF99E_MPWQ_ContCrossIndex_NL5) Container crossing index of nesting level 5.

<i>SMF099#14_MPWQ_HNode_Data.zMPWQ_Affinity_Node_Help_Sum_Cont.<fieldname></i>			
zMPWQ_HighestContCross	INT	1	(IBM name: SMF99E_MPWQ_HighestContCross) Highest container crossing for cores assigned to this affinity node.

Record Type 100 - DB2 Statistics

SMF Record 100 (DB2 Statistics) is mapped by structure member "T100".

Primary Segment:

- SMF100_DB2_Statistics

Secondary Segment(s): 38 (in alphabetical order)

- SMF100_Accelerator
- SMF100_ASMC
- SMF100_Buffer_Management
- SMF100_Buffer_Pool
- SMF100_CPU_Time
- SMF100_Data_Manager
- SMF100_Destination
- SMF100_DDF
- SMF100_DDF_Location
- SMF100_DDF_System
- SMF100_EDM_Pool
- SMF100_Global_Locking
- SMF100_GCPC
- SMF100_Instrumentation
- SMF100_Language_Environment
- SMF100_Latch
- SMF100_Lock
- SMF100_Log_Manager
- SMF100_Misc_IFC
- SMF100_Prod_Correlation
- SMF100_Prod_CPU
- SMF100_Prod_Data_Sharing
- SMF100_Prod_Distributed
- SMF100_Prod_Standard
- SMF100_Prod_Trace
- SMF100_QBGB_Group_Buffer_Pool
- SMF100_QBGL_Group_Buffer_Pool
- SMF100_RDS
- SMF100_Service_Controller
- SMF100_Simulated_Buffer_Pool
- SMF100_Star_Join
- SMF100_Storage_Manager
- SMF100_System
- SMF100_SSSS_SSAM
- SMF100_WS0_Triplets
- SMF100_WS1_Triplets
- SMF100_WS2_Triplets
- SMF100_WS3_Triplets

Primary segment: SMF100_DB2_Statistics

Field Name	Type	Len	Description
SMF100_DB2_Statistics.<fieldname>			
SMF100_DB2_Statistics.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM100FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SM100RTY) Record type 100 (X'64').
zTME	TSTMP	8	(IBM name: SM100TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM100SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SM100SSI) Subsystem Id.
zSTY	INT	2	

			(IBM name: N/A) Record Subtype
zBUF	CHAR	4	(IBM name: SM100BUF) Reserved.
zPSO	INT	4	(IBM name: SM100PSO) Offset to product section from start of record, including the record descriptor word (RDW).
zPSL	INT	2	(IBM name: SM100PSL) Length of product section.
zPSN	INT	2	(IBM name: SM100PSN) Number of product sections.

SMF100_DB2_Statistics.Header_Self_defining_Section.zDATA.<fieldname>

zDSO	INT	4	(IBM name: SM100DSO) Offset to product section from start of record, including the record descriptor word (RDW).
zDSL	INT	2	(IBM name: SM100DSL) Length of product section.
zDSN	INT	2	(IBM name: SM100DSN) Number of product sections.

Secondary segment: SMF100_Prod_Standard

Field Name	Type	Len	Description
<i>SMF100_Prod_Standard.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHSLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHSTYP) HEADER TYPE: 1 = STANDARD HEADER
zTYPTText	INT (ENUM)	1	(IBM name: QWHSTYPTText) Header Type expanded description.
zRMID	INT	1	(IBM name: QWHSRMID) RESOURCE MANAGER ID (RMID). SEE BEGINNING OF FILE FOR A LIST OF RMIDS.
zIFCID	INT	2	(IBM name: QWHSIFCID) IFCID.
zIFCIDText	INT (ENUM)	2	IFCID Codes expanded description.
zNSDA	INT	1	(IBM name: QWHSNSDA) NUMBER OF SELF-DEFINING AREAS.
zRN	HEX	1	(IBM name: QWHSRN) RELEASE INDICATOR NUMBER IN HEXADECIMAL.
zACE	HEX	4	(IBM name: QWHSACE) AGENT CONTROL ELEMENT (ACE) OF THE THREAD THAT WAS USED WHEN THIS RECORD WAS WRITTEN. AN ACE IS AN IDENTIFIER THAT IS UNIQUE TO A GIVEN THREAD FOR THE LIFE OF THE THREAD. USING THE ACE VALUES, IT IS POSSIBLE TO SEPARATE OUT TRACE RECORDS FROM CONCURRENT UNRELATED THREADS. WHEN A THREAD IS TERMINATED, THE ACE VALUE IS FREED AND CAN BE USED LATER BY A SUBSEQUENT THREAD. THERE ARE TIMES WHEN AN ACE VALUE IN THE DATA INDICATES THAT THE FUNCTION PERFORMED UNDER THE ACE IN QWHSACE IS ACTUALLY BEING PERFORMED ON BEHALF OF ANOTHER ACE, AS INDICATED BY THE ACE VALUE IN THE DATA SECTION. AN EXAMPLE OF THIS IS WHEN A SEQUENTIAL PREFETCH READ IS DONE BY A DB2 SERVICE TASK ON BEHALF OF A THREAD.
zSSID	CHAR	4	

			(IBM name: QWHSSSID) SUBSYSTEM NAME.
zSTCK	TSTMP	8	(IBM name: QWHSSSTCK) STORE CLOCK VALUE OF HEADER. FOR DATA SHARING, THIS IS THE SYSPLEX TIMER VALUE.
zISEQ	INT	4	(IBM name: QWHSESEQ) SEQUENCE NUMBER FOR THE IFCID. THIS FIELD CONTAINS THE NUMBER OF TIMES THE TRACE RECORD WAS WRITTEN. WHEN MONITOR TRACE CLASS 1 IS ACTIVE, QWHSESEQ IN IFCIDS 0001 AND 0002 IS NOT INCREMENTED FOR READS REQUESTS OF IFCIDS 0001 AND 0002.
zWSEQ	INT	4	(IBM name: QWHSWSEQ) SEQUENCE NUMBER FOR DESTINATION. THE FOLLOWING SEQUENCE NUMBER IS UNIQUE WITHIN A SINGLE DB2 SUBSYSTEM INSTANCE AND IS INITIALIZED TO ZERO ON RESTART OF DB2. BECAUSE OF MULTIPROCESSING CONSIDERATIONS THE NUMBERS MIGHT NOT ALWAYS BE IN ASCENDING ORDER.
zMTN	INT	4	(IBM name: QWHSMTN) ACTIVE TRACE NUMBER MASK.
zLOCN	CHAR	16	(IBM name: QWHSLOCN) %U LOCAL LOCATION NAME. %U IF QWHSLOCN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNID	CHAR	8	(IBM name: QWHSNID) FIRST PART OF NETWORK NAME (SEE QWHSWLID).
zLUNM	CHAR	8	(IBM name: QWHSLUNM) SECOND PART OF NETWORK NAME (SEE QWHSWLID).
zLUUV	HEX	6	(IBM name: QWHSLUUV) INSTANCE NUMBER. DISPLAYED AS 12 HEX CHARACTERS. WHEN CONCATENATED WITH THE FULLY QUALIFIED NETWORK NAME, IT UNIQUELY IDENTIFIES A DISTRIBUTED THREAD. (THOUGH THIS FIELD MAY APPEAR TO BE A TIMESTAMP, IT IS NOT TO BE PROCESSED AS ONE. FOR MORE INFORMATION SEE THE -DISPLAY THREAD COMMAND IN COMMAND REFERENCE.
zLUCC	INT	2	(IBM name: QWHSLUCC) LUW SEQUENCE NUMBER. THIS IDENTIFIES THE LAST COMMIT SCOPE IN WHICH THE LOGICAL UNIT PARTICIPATED. THIS NUMBER IS INCREMENTED WHENEVER A THREAD COMMITS OR IS ROLLED BACK.
zFLAG	HEX	1	(IBM name: QWHSFLAG) FLAGS:
zLOCN_Off	INT	2	(IBM name: QWHSLOCN_Off) IF QWHSLOCN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHS TO QWHSLOCN_LEN.
zSUBV	INT	2	(IBM name: QWHSSUBV) THE SUB-VERSION FOR THE BASE RELEASE.
zSID	CHAR	4	(IBM name: QWHSSID) THE MVS SYSTEM ID (SID).
z_MOD_LVL	CHAR	10	(IBM name: QWHS_MOD_LVL) %U MODIFICATION LEVEL FOR CONTINUOUS DELIVERY, IN THE FORMAT VxxxRyMzzz.
z_REC_INCOMPAT	INT	2	(IBM name: QWHS_REC_INCOMPAT) INCOMPATIBLE CHANGE VALUE. THIS VALUE IS INCREMENTED EVERY TIME THAT AN INCOMPATIBLE TRACE RECORD CHANGE OCCURS. EXAMPLES OF INCOMPATIBLE CHANGES ARE: - THE SIZE OF AN EXISTING FIELD IN A RECORD CHANGES. - A FIELD IN A RECORD IS REMOVED, AND THE OFFSETS TO OTHER FIELDS IN THE RECORD CHANGE.
z_REC_COMPAT	INT	2	(IBM name: QWHS_REC_COMPAT) COMPATIBLE CHANGE VALUE. THIS VALUE IS INCREMENTED EVERY TIME THAT A COMPATIBLE TRACE RECORD CHANGE OCCURS. EXAMPLES OF COMPATIBLE CHANGES ARE: - A NEW FIELD IS ADDED IN A FORMERLY RESERVED AREA. - AN EXISTING FIELD IS NO LONGER SET. - THE SIZE OF A RECORD IS INCREASED, AND A FIELD IS ADDED IN THE NEW AREA OF THE RECORD.

Secondary segment: **SMF100_Prod_Correlation**

Field Name	Type	Len	Description
<i>SMF100_Prod_Correlation.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHCLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHCTYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHCTYPTText) Header Type expanded description.
zAID	CHAR	8	(IBM name: QWHCAID) %U PRIMARY AUTHORIZATION ID FROM CONNECTION OR SIGNON. %U FOR z/OS OPERATOR COMMANDS AND DB2 SYSTEM INTERNAL %U AGENTS, THE VALUE IS SYSOPR. %U SECONDARY AUTHORIZATION IDS MIGHT BE THE RACF GROUPS %U ASSOCIATED WITH THIS PRIMARY AUTHORIZATION ID. %U THE SQL ID IS INITIALLY SET TO THIS PRIMARY %U AUTHORIZATION ID. THE CONNECTION AUTHORIZATION EXIT %U AND THE SIGNON AUTHORIZATION EXIT CAN CHANGE THE PRIMARY %U AUTHORIZATION ID SO THAT IT IS NOT THE SAME AS THE %U ORIGINAL PRIMARY AUTHORIZATION ID (QWHCOPID). %U DISTRIBUTED AUTHORIZATION ID TRANSLATION CAN ALSO %U CHANGE THE PRIMARY AUTHORIZATION ID. %U IF QWHCAID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCV	CHAR	12	(IBM name: QWHCCV) CORRELATION ID VALUE: FOR BATCH: JOBNAME FOR TSO: LOGON-ID FOR IMS/VS: PST#.PSBNAME FOR CICS: CONNECTION_TYPE.THREAD_TYPE.THREAD #.TRAN-ID FOR RRSAF: CORRELATION-ID VALUE FROM SIGNON FUNCTION FOR THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CORRELATION-ID NAME OF THE THREAD AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER, THIS FIELD CONTAINS THE FIRST 12 CHARACTERS IN THE DDM EXTERNAL NAME (EXTNAM) PARAMETER OF THE DDM EXCSAT COMMAND RECEIVED AS PART OF THE SQL CONNECT.
zCN	CHAR	8	(IBM name: QWHCCN) CONNECTION NAME: NOT VALID ON END OF MEMORY AND REFLECTS THE z/OS HOME ASID CONNECTION NAME. FOR BATCH: 'BATCH' FOR TSO: 'TSO' FOR QMF: 'DB2CALL' FOR UTILITY: 'UTILITY' FOR DB2 INTERNAL: DB2 SUBSYSTEM ID FOR IMS: IMS-ID FOR CICS: CICS-ID FOR RRSF: 'RRSAF' FOR DISTRIBUTED DATABASE ACCESS THREADS: FOR THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CONNECTION NAME OF THE THREAD AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER, THIS FIELD CONTAINS THE CONSTANT 'SERVER'.
zPLAN	CHAR	8	(IBM name: QWHCPLAN) PLAN NAME. BLANK FOR DB2 COMMAND THREAD: OTHERWISE: FOR SPUFI WITH CURSOR STABILITY: 'DSNESPCS' FOR SPUFI WITH REPEATABLE READ: 'DSNESPRR' FOR TSO: APPLICATION PLAN NAME FOR IMS: APPLICATION PLAN NAME FOR CICS: APPLICATION PLAN NAME IMS AND CICS COMMANDS HAVE A BLANK PLAN NAME. FOR RRSF CREATE THREAD WITH THE COLLECTION PARAMETER: '?RRSAF ' FOR QMF: 'DSQPLAN' FOR DISTRIBUTED DATABASE ACCESS THREADS: FOR THREADS USING THE DRDA PROTOCOL FROM A REQUESTER, THIS FIELD CONTAINS THE PLAN NAME BEING EXECUTED AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER OR FROM A DB2 2.3 REQUESTER, THIS FIELD CONTAINS THE CONSTANT 'DISTSERV'. FOR BINDING: 'DSNBIND' (SYSTEM PLAN) FOR UTILITY: 'DSNUTIL ' (SYSTEM PLAN) FOR AUTHORIZATION: 'ACT' + X'0000000000' (SYSTEM PLAN) FOR UNALLOCATED THREADS AND MISCELLANEOUS DB2 SYSTEM SERVICE TASKS: 'BCT' + X'0000000000' (SYSTEM PLAN) FOR STARTUP: 'STARTCT' + X'00' (SYSTEM PLAN)

zOPID	CHAR	8	(IBM name: QWHCOPID) %U INITIAL PRIMARY AUTHORIZATION ID. %U FOR TSO: LOGON-ID %U FOR BATCH: USER-ID ON JOB STATEMENT %U FOR RRSF: %U - IF THE FOLLOWING CONDITIONS ARE TRUE: %U - THE SYSTEM AUTHORIZATION FACILITY (SAF) AND A %U SECURITY PRODUCT, SUCH AS RACF, IS USED %U - THERE IS AN ACEE ASSOCIATED WITH THE JOB STEP TCB %U OR WITH THE ASXB %U - THE FIRST 7 CHARACTERS OF THE JOB STEP USER ID %U MATCH THE FIRST 7 CHARACTERS OF THE VALUE IN %U ACEEUSRI. RRSF USES THE VALUE IN ACEEUSRI AS THE %U INITIAL PRIMARY AUTHORIZATION ID. %U - IF ANY OF THE ABOVE CONDITIONS ARE NOT TRUE, THEN %U THE INITIAL PRIMARY AUTHORIZATION ID IS THE VALUE %U IN ASXBUSER. %U FOR IMS (MESSAGE-DRIVEN REGIONS): SIGNON-ID, LTERM, %U ASXBUSR, OR PSB NAME. %U FOR IMS (CONTROL REGIONS): USER-ID ON JOB STATEMENT, %U OR RACF, STARTED PROCEDURE ENTRY IF RACF IS USED. %U FOR CICS: USERID, OPID, GROUP, SIGN, OR TERM, OR TX, AS %U SPECIFIED IN THE DB2ENTRY RESOURCE DEFINITION. %U FOR z/OS OPERATOR COMMANDS AND DB2 SYSTEM INTERNAL %U AGENTS: = 'SYSOPR'. %U FOR A DISTRIBUTED APPLICATION SERVER (AS): %U IF THE APPLICATION REQUESTER (AR) IS A DB2 SYSTEM, %U THIS IS THE SAME VALUE THAT WAS ASSIGNED AT THE AR. %U IF THE APPLICATION REQUESTER IS NOT A DB2 SYSTEM, %U THIS IS THE USER ID THAT WAS USED TO MAKE THE INITIAL %U CONNECTION WITH THE APPLICATION SERVER. %U THE USER ID IS OBTAINED IN ONE OF THE %U FOLLOWING WAYS: %U - PASSED BY THE REQUESTER IN THE ALLOCATE %U CONVERSATION FLOW (FMH5) %U - PASSED BY THE REQUESTER IN THE DRDA SECURITY %U FLOW %U - DERIVED BY THE SERVER FROM THE RACF PASSTICKET %U - PROVIDED BY THE REQUESTER IN THE DRDA SECURITY %U FLOW %U IF QWHCOPID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zATYP	INT	4	(IBM name: QWHCATYP) CONNECTING SYSTEM TYPE CODE (IN HEXADECIMAL): THIS FIELD CAN HAVE A NULL VALUE. FOR EXAMPLE, THIS FIELD CONTAINS A NULL VALUE FOR SOME UTILITIES.
zATYPText	INT (ENUM)	4	(IBM name: QWHCATYPText) Connecting System Type expanded description.
zTOKN	CHAR	22	(IBM name: QWHCTOKN) ACCOUNTING CORRELATION TOKEN. THIS FIELD APPLIES TO THE CICS ATTACHMENT FACILITY, RRSF, AND DATABASE ACCESS THREADS. YOU CAN USE THIS TOKEN TO CORRELATE DB2 IFC RECORDS TO CICS RECORDS FOR THAT CICS TRANSACTION. CICS GENERATES AN LU6.2 UNIT OF WORK ID FOR EVERY CICS TASK, INCLUDING BOTH TERMINAL AND NON-TERMINAL DRIVEN TASKS. IF ACCOUNTREC IS UOW OR TASK IN THE DB2CONN OR DB2ENTRY DEFINITIONS, THE CICS LUWID MINUS THE COMMIT COUNT (TWO BYTES) IS PASSED INTO THIS FIELD. THE FIRST EIGHT BYTES ARE THE NETWORK NAME. FOR CICS, THIS IS A VARIABLE-LENGTH FIELD. THE FIRST EIGHT BYTES ARE PADDED ON THE RIGHT WITH BLANKS. THE NEXT EIGHT BYTES ARE THE LUNAME. THIS IS ALSO A VARIABLE-LENGTH FIELD IN CICS. THE FIRST EIGHT BYTES ARE PADDED ON THE RIGHT WITH BLANKS AS NECESSARY. THE FINAL SIX BYTES ARE THE UNIQUENESS VALUE. DB2 ALSO CREATES AN LU6.2 LUWID FOR EVERY THREAD. SEE FIELD QWHSLWID. QWHCTOKN DOES NOT CONTAIN THE SAME LUWID AS QWHSLWID. FOR MORE INFORMATION, SEE THE CICS DB2 GUIDE. FOR RRSF, THIS IS THE VALUE OF PARAMETER ACCOUNTING-TOKEN IN THE RRSF SIGNON OR AUTH SIGNON FUNCTION. THIS VALUE IS GENERATED BY THE USER, AND DB2 DOES NOT INSPECT IT. FOR DATABASE ACCESS THREADS, THIS IS THE VALUE THAT IS RECEIVED FROM THE REQUESTER SYSTEM. THIS ACCOUNTING VALUE IS DETERMINED FROM THE FIRST 22 BYTES OF THE CORRELATION TOKEN (CRRTKN) VALUE OF THE ACCESS RELATIONAL DATABASE (ACCRDB) COMMAND RECEIVED FROM THE REQUESTER SYSTEM DURING CONNECT PROCESSING.
zEUID	CHAR	16	(IBM name: QWHCEUID) THE END USER'S WORK STATION USER ID. THIS CAN BE DIFFERENT FROM THE AUTHORIZATION ID USED TO CONNECT TO DB2. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION. IF QWHCEUID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zEUTX	CHAR	32	(IBM name: QWHCEUTX) THE TRANSACTION OR APPLICATION NAME THAT THE END USER IS RUNNING. THIS IDENTIFIES THE APPLICATION THAT IS CURRENTLY

			RUNNING, NOT THE PRODUCT THAT IS USED TO RUN THE APPLICATION. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
zEUWN	CHAR	18	(IBM name: QWHCEUWN) THE END USER'S WORKSTATION NAME. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
zAID_Off	INT	2	(IBM name: QWHCAID_Off) IF QWHCAID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCAID_LEN.
zOPID_Off	INT	2	(IBM name: QWHCOPID_Off) IF QWHCOPID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCOPID_LEN.
zEUID_Off	INT	2	(IBM name: QWHCEUID_Off) IF QWHCEUID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCEUID_LEN.
zTCXT_Off	INT	2	(IBM name: QWHCTCXT_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE TRUSTED CONTEXT NAME, IF THE APPLICATION IS RUNNING IN A TRUSTED CONTEXT.
zROLE_Off	INT	2	(IBM name: QWHCROLE_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE ROLE NAME THAT IS ASSOCIATED WITH THE AUTHORIZATION ID, IF THE APPLICATION IS RUNNING IN A TRUSTED CONTEXT.
zOAU Off	INT	2	(IBM name: QWHCOAUD_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE ORIGINAL APPLICATION USER ID.
zCTKN_Off	INT	2	(IBM name: QWHCCTKN_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE CORRELATION TOKEN.
zAACE	CHAR	8	(IBM name: QWHCAACE) IF THIS RECORD IS WRITTEN WITHIN AN ACCOUNTING INTERVAL, THE VALUE OF THIS FIELD IS THE ACE OF THE AGENT THAT INITIATED THE ACCOUNTING INTERVAL. IF THIS RECORD IS WRITTEN OUTSIDE AN ACCOUNTING INTERVAL, THE VALUE OF THIS FIELD IS 0. FOR NON-ROLLUP RECORDS, THIS FIELD CAN BE USED WITH QWHSACE TO CORRELATE AN IFCID 0003 RECORD TO AN ACCOUNTING INTERVAL. FOR DDF OR RRSF ROLLUP RECORDS, THIS FIELD CAN BE USED WITH QWARACE TO CORRELATE AN IFCID 0003 RECORD TO AN ACCOUNTING INTERVAL.
zEUTX_Off	INT	2	(IBM name: QWHCEUTX_Off) IF QWHCEUTX IS TRUNCATED, THE OFFSET FROM THE BEGINNING OF QWHC TO THE TRANSACTION OR APPLICATION NAME THAT THE END USER IS RUNNING.
zEUWN_Off	INT	2	(IBM name: QWHCEUWN_Off) IF QWHCEUWN IS TRUNCATED, THE OFFSET FROM THE BEGINNING OF QWHC TO THE WORKSTATION NAME FOR THE END USER.
zJOBSTEP	CHAR	8	(IBM name: QWHCJOBSTEP) IF THE THREAD THAT IS CURRENTLY RUNNING IS A TCB, THIS VALUE IS THE STEP NAME IN THE JCL THAT IS RUNNING THE BATCH JOB.

Secondary segment: **SMF100_Prod_Trace**

Field Name	Type	Len	Description
<i>SMF100_Prod_Trace.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHTLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHTTYP) HEADER TYPE.

zTYPTText	INT (ENUM)	1	(IBM name: QWHTTYPTText) Header Type expanded description.
zFLG0	HEX	1	(IBM name: QWHTFLG0) FLAGS: X'20' ON - DATA USES ALET TOKEN
zTID	INT	2	(IBM name: QWHTTID) ID OF AN EVENT REPORTED BY THE DSNWTRC MACRO.
zTAG	HEX	1	(IBM name: QWHTTAG) TAG THAT DESCRIBES THE EVENT TYPE.
zFUNC	HEX	1	(IBM name: QWHTFUNC) RESERVED.
zEB	HEX	4	(IBM name: QWHTTEB) EXECUTION BLOCK ADDRESS.
zPASI	INT	2	(IBM name: QWHTPASI) PRIMARY ADDRESS SPACE ID.
zR14A	INT	2	(IBM name: QWHTR14A) REGISTER 14 ADDRESS SPACE ID (ASID).
zR14	INT	4	(IBM name: QWHTR14) REGISTER 14.
zR15	INT	4	(IBM name: QWHTR15) REGISTER 15.
zR0	INT	4	(IBM name: QWHTR0) REGISTER 0.
zR1	INT	4	(IBM name: QWHTR1) REGISTER 1.
zEXU	HEX	4	(IBM name: QWHTEXU) ADDRESS OF z/OS EXECUTION UNIT.
zDIM	INT	2	(IBM name: QWHTDIM) NUMBER OF DATA ITEMS.
zHASI	INT	2	(IBM name: QWHTHASI) HOME ADDRESS SPACE ID (ASID).
zFUNCG	INT	2	(IBM name: QWHTFUNCG) TRACE FUNCTION THAT IS SET BY THE DSNWTRC MACRO.
zDATA	HEX	4	(IBM name: QWHTDATA) ADDRESS OF THE DATA.
zFLAG	INT	2	(IBM name: QWHTFLAG) FLAGS IN THE TRACE LIST.
zDATL	INT	2	(IBM name: QWHTDATL) LENGTH OF THE DATA.
zALET	INT	4	(IBM name: QWHTALET) ALET TOKEN FOR DATA FIELD.

Secondary segment: SMF100_Prod_CPU

Field Name	Type	Len	Description
<i>SMF100_Prod_CPU.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHULEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHUTYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHUTYPTText) Header Type expanded description.
zCPU	TIME	8	(IBM name: QWHUCPU) CPU TIME OF THE CURRENTLY DISPATCHED EXECUTION UNIT (TCB OR SRB). THIS TIME INCLUDES CPU TIME THAT IS CONSUMED ON

			AN IBM SPECIALTY ENGINE. IF THIS FIELD CONTAINS ALL BINARY ZEROES, THE CPU TIME IS NOT AVAILABLE. A GIVEN ACE TOKEN MIGHT RUN UNDER ONE OR MORE z/OS DISPATCHABLE EXECUTION UNITS. THEREFORE, THE CPU TIME FOR A GIVEN ACE MIGHT DECREASE BETWEEN EVENTS.
zCNT	HEX	2	(IBM name: QWHUCNT) (S) COUNT FIELD RESERVED.
zSE	TIME	8	(IBM name: QWHUSE) CPU TIME OF THE CURRENTLY DISPATCHED EXECUTION UNIT TCB OR SRB) THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. A GIVEN ACE TOKEN MIGHT RUN UNDER ONE OR MORE z/OS DISPATCHABLE EXECUTION UNITS. THEREFORE, THE CPU TIME FOR A GIVEN ACE MIGHT DECREASE BETWEEN EVENTS.

Secondary segment: SMF100_Prod_Distributed

Field Name	Type	Len	Description
<i>SMF100_Prod_Distributed.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHDLN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHDTYP) HEADER TYPE.
zTYPTxt	INT (ENUM)	1	(IBM name: QWHDTYPTxt) Header Type expanded description.
zRQNM	CHAR	16	(IBM name: QWHDRQNM) %U LOCATION NAME OF THE REQUESTER. THIS IS THE NAME %U BY WHICH DB2 KNOWS THE APPLICATION REQUESTER. THIS %U FIELD IS BLANK IF THE HEADER IS WRITTEN AT THE %U APPLICATION REQUESTER. THE LUNAME (FOR SNA), THE %U IP ADDRESS (FOR TCP/IP), AND THE LOCATION %U NAME OF REMOTE SYSTEMS IN THE NETWORK ARE LOCATED IN %U THE COMMUNICATIONS DATABASE. IF THE LOCATION NAME OF %U THE LOCAL SUBSYSTEM IS NOT IN THE COMMUNICATIONS %U DATABASE, YOU CAN FIND IT IN THE BOOTSTRAP DATA SET OR %U INSTALL PANEL DSNTIPR. IF THE THREAD IS A DISTRIBUTED %U ALLIED THREAD (THIS LOCATION IS THE REQUESTER) QWHDRQNM %U IS SET TO BLANKS. IF THE THREAD IS A DATABASE ACCESS %U THREAD (THIS LOCATION IS THE SERVER), QWHDRQNM IS THE %U NAME OF THE LOCATION THAT MADE THE REQUEST AND IS NOT %U THE SAME AS QWHSLOCN, LOCAL LOCATION NAME. FOR MORE %U INFORMATION, SEE SECTION 3 OF INSTALLATION GUIDE. %U IF QWHDRQNM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTSTP	TSTMP	8	(IBM name: QWHDTSTP) TIMESTAMP FOR DATABASE ACCESS THREAD (DBAT) TRACE RECORDS.
zSVNM	CHAR	16	(IBM name: QWHDSVNM) %U EXSCAT SRVNM PARAMETER. %U IF THE RECORD IS WRITTEN AT THE APPLICATION REQUESTER %U SITE, THIS FIELD IS ZERO. %U IF THE RECORD IS WRITTEN AT THE APPLICATION SERVER SITE %U IF THE RECORD IS WRITTEN AT THE APPLICATION SERVER SITE %U FOR A REQUEST USING THE DRDA PROTOCOL, %U IT CONTAINS THE SRVNM PARAMETER OF THE EXSCAT DDM %U COMMAND. THIS IS THE NAME BY WHICH THE APPLICATION %U REQUESTER WANTS TO BE KNOWN TO THE APPLICATION SERVER. %U IF THE APPLICATION REQUESTER IS A DB2 SYSTEM, THE %U SRVNM PARAMETER IS THE SAME AS THE APPLICATION %U REQUESTER LOCATION NAME. %U IF QWHDSVNM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPRID	CHAR	8	(IBM name: QWH DPRID) ACCRDB PRDID PARAMETER. DDM COMMAND: ACCESS RELATIONAL DATABASE PRODUCT SPECIFIC ID. THE PRODUCT ID OF THE REQUESTER. THE VALUE IS ZERO IF THE RECORD IS WRITTEN AT THE APPLICATION REQUESTER LOCATION. THE

			FORMAT OF QWHDRPRID IS PPPVRRM. PPP IS THE PRODUCT IDENTIFIER. POSSIBLE VALUES ARE: DSN DB2 UDB FOR z/OS. ARI DB2 UDB FOR VSE & VM. SQL DB2 UDB FOR LINUX, UNIX AND WINDOWS. JCC IBM DATA SERVER DRIVER FOR JDBC AND SQLJ. QSQ DB2 UDB FOR iSERIES. VV IS THE VERSION NUMBER. RR IS THE RELEASE NUMBER. M IS THE MODIFICATION LEVEL.
zRQNM_Off	INT	2	(IBM name: QWHDRQNM_Off) IF QWHDRQNM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHD TO QWHDRQNM_LEN.
zSVNM_Off	INT	2	(IBM name: QWHDSVNM_Off) IF QWHDSVNM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHD TO QWHDSVNM_LEN.
zRQNM_Var	CHARVARYING	130	(IBM name: QWHDRQNM_Var) %U LOCATION NAME OF THE REQUESTER.
zSVNM_Var	CHARVARYING	130	(IBM name: QWHDSVNM_Var) %U SRVNAM PARAMETER OF DRDA EXCSAT COMMAND.

Secondary segment: **SMF100_Prod_Data_Sharing**

Field Name	Type	Len	Description
<i>SMF100_Prod_Data_Sharing.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHALEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHATYP) HEADER TYPE.
zTYPText	INT (ENUM)	1	(IBM name: QWHATYPTText) Header Type expanded description.
zMEMN	CHAR	8	(IBM name: QWHAMEMN) DB2 MEMBER NAME WITHIN THE DB2 DATA SHARING GROUP.
zDSGN	CHAR	8	(IBM name: QWHADSGN) DB2 DATA SHARING GROUP NAME.

Secondary segment: **SMF100_WS0_Triplets**

Field Name	Type	Len	Description
<i>SMF100_WS0_Triplets.<fieldname></i>			
zWSAo	INT	4	
zWSAI	INT	2	
zWSAn	INT	2	
zWSBo	INT	4	
zWSBI	INT	2	
zWSBn	INT	2	
zWSCo	INT	4	
zWSCl	INT	2	
zWSCn	INT	2	
z3STo	INT	4	
z3STI	INT	2	
z3STn	INT	2	

z9STo	INT	4	
z9STI	INT	2	
z9STn	INT	2	
zWSDo	INT	4	
zWSDI	INT	2	
zWSDn	INT	2	
zVLSO	INT	4	
zVLSI	INT	2	
zVLSn	INT	2	
zVASO	INT	4	
zVASI	INT	2	
zVASn	INT	2	
zSSTo	INT	4	
zSSTI	INT	2	
zSSTn	INT	2	
zLSTo	INT	4	
zLSTI	INT	2	
zLSTn	INT	2	
zJSTo	INT	4	
zJSTI	INT	2	
zJSTn	INT	2	
zDSTo	INT	4	
zDSTI	INT	2	
zDSTn	INT	2	
zWOSo	INT	4	
zWOSI	INT	2	
zWOSn	INT	2	

Secondary segment: SMF100_CPU_Time

Field Name	Type	Len	Description
<i>SMF100_CPU_Time.<fieldname></i>			
zPROC	CHAR	4	(IBM name: QWSAPROC) THE LAST 4 CHARACTERS OF THE PROCEDURE NAME USED TO START THE ADDRESS SPACE, OR A CONSTANT IDENTIFIER.
zEJST	TIME	8	(IBM name: QWSAEJST) ACCUMULATED JOB STEP TIMER (TCB) VALUE FOR ADDRESS SPACE.
zSRBT	TIME	8	(IBM name: QWSASRBT) ACCUMULATED SRB TIMER VALUE FOR THE ADDRESS SPACE. THIS VALUE DOES NOT INCLUDE CPU CONSUMED ON AN IBM ZIIP.
zASID	INT	2	(IBM name: QWSAASID) ADDRESS SPACE ID (ASID) OF THE ADDRESS SPACE.
zASCB	INT	4	(IBM name: QWSAASCB) ADDRESS SPACE CONTROL BLOCK (ASCB) TOKEN.
zPSRB	TIME	8	

			(IBM name: QWSAPSRB) PREEMPTIBLE SRB TIMER VALUE FOR THE ADDRESS SPACE. THIS VALUE DOES NOT INCLUDE CPU CONSUMED ON AN IBM ZIIP.
zPSRB_zIIP	TIME	8	(IBM name: QWSAPSRB_zIIP) PREEMPTIBLE SRB TIMER VALUE FOR THE ADDRESS SPACE THAT IS CONSUMED ON AN IBM ZIIP.
zMCPU	HEX	8	(IBM name: QWSAMCPU) (S)

Secondary segment: **SMF100_Destination**

Field Name	Type	Len	Description
SMF100_Destination.<fieldname>			
zNM	CHAR	4	(IBM name: QWSBNM) NAME OF THE EXTERNAL OR INTERNAL DESTINATION: 1) GTF - GENERALIZED TRACE FACILITY 2) SMF - SYSTEM MANAGEMENT FACILITIES 3) RES - RESIDENT TRACE TABLE (NOT ACCUMULATED) 4) SRV - RESERVED FOR INTERNAL USE 5) SR1 - INTERNAL SPECIAL ACCOUNTING DESTINATION USED TO CALCULATE OPTIONAL DELTA TIMINGS 6) SR2 - INTERNAL SPECIAL DESTINATION FOR IFI READS USED TO RETURN DATA TO THE APPLICATION 7) OPN - SPECIAL DESTINATION FOR IFI READA BUFFERED RECORDS.
SMF100_Destination.zSTAT.<fieldname>			
zWSEQ	INT	4	(IBM name: QWSBWSEQ) UNIQUE SEQUENCE NUMBER FOR THIS DESTINATION.
zSRSW	INT	4	(IBM name: QWSBSRSW) COUNT OF RECORDS SUCCESSFULLY WRITTEN.
zSRNW	INT	4	(IBM name: QWSBSRNW) COUNT OF RECORDS NOT WRITTEN. THIS FIELD SHOULD BE 0. IF NOT 0, THEN RECORDS MIGHT HAVE BEEN LOST.
SMF100_Destination.zFAILURE.<fieldname>			
zSBUF	INT	2	(IBM name: QWSBSBUF) COUNT OF BUFFER-OVERRUN ERRORS. IDEALLY, SHOULD BE 0 OR VERY SMALL. THIS FIELD IS MAINTAINED FOR THE SR2 AND FOR THE SMF DESTINATION. THIS FIELD IS NOT APPLICABLE FOR OTHER DESTINATIONS.
zSACT	INT	2	(IBM name: QWSBSACT) COUNT OF SMF NOT-ACTIVE ERRORS. IDEALLY, THIS SHOULD BE 0 OR VERY SMALL.
zSRNA	INT	2	(IBM name: QWSBSRNA) COUNT OF RECORD-NOT-ACCEPTED ERRORS. IDEALLY, THIS SHOULD BE 0 OR VERY SMALL.
zSWF	INT	2	(IBM name: QWSBSWF) COUNT OF WRITE FAILURES. IDEALLY, THIS SHOULD BE 0 OR VERY SMALL.
SMF100_Destination.zFAILURE.zOTH.<fieldname>			
zOTH1	INT	1	(IBM name: QWSBOTH1) (S)
zOTH2	INT	1	(IBM name: QWSBOTH2) (S)
zOTH3	INT	1	(IBM name: QWSBOTH3) (S)
zOTH4	INT	1	(IBM name: QWSBOTH4) (S)

Secondary segment: **SMF100_Instrumentation**

Field Name	Type	Len	Description
<i>SMF100_Instrumentation.<fieldname></i>			
zIFCID	INT	2	(IBM name: QWSCIFCID) IFCID: 0001 - SYSTEM-RELATED RECORDS 0002 - DATABASE-RELATED RECORDS 0003 - ACCOUNTING-RELATED RECORDS 0004 - START TRACE MESSAGE 0005 - STOP TRACE MESSAGE 0106 - SYSTEM PARAMETERS 0140 - 0145 - AUDIT-RELATED RECORDS 0146 - AUDIT-RELATED RECORDS 0202 - BUFFER POOL INFORMATION 0230 - DATA SHARING GLOBAL STATISTICS

<i>SMF100_Instrumentation.zSTAT.<fieldname></i>			
zISEQ	INT	4	(IBM name: QWSCISEQ) IFCID SEQUENCE NUMBER.
zSRSW	INT	4	(IBM name: QWSCRSRW) COUNT OF RECORDS SUCCESSFULLY WRITTEN. NUMBER OF SYSTEM-RELATED STATISTICS RECORDS SHOULD BE EQUAL TO NUMBER OF DATABASE-RELATED STATISTICS RECORDS UNLESS A TRACE IS STARTED THAT SELECTS EITHER IFCID 1 OR 2, BUT NOT BOTH.
zSRNW	INT	4	(IBM name: QWSCSRNW) COUNT OF RECORDS NOT WRITTEN. IDEALLY, THIS SHOULD BE 0 OR VERY SMALL.
zSRND	INT	2	(IBM name: QWSCSRND) COUNT OF RECORDS NOT WANTED.
zSBNA	INT	2	(IBM name: QWSCSBNA) BUFFER NOT AVAILABLE.
zSCF	INT	2	(IBM name: QWSCSCF) COLLECTION FAILURE.

<i>SMF100_Instrumentation.zSTAT.zOTHER.<fieldname></i>			
zOTH1	INT	1	(IBM name: QWSCOTH1) (S)
zOTH2	INT	1	(IBM name: QWSCOTH2) (S)

Secondary segment: **SMF100_SSSS_SSAM**

Field Name	Type	Len	Description
<i>SMF100_SSSS_SSAM.<fieldname></i>			
zIDEN	INT	4	(IBM name: Q3STIDEN) SUCCESSFUL IDENTIFY REQUESTS. NUMBER OF SUCCESSFUL CONNECTIONS TO DB2 BY TSO, IMS, CICS CAF, RRSAP, OR A UTILITY.
zSIGN	INT	4	(IBM name: Q3STSIGN) SUCCESSFUL SIGNON REQUESTS. THE NUMBER OF SIGNONS THAT IDENTIFIED A NEW USER OF AN EXISTING THREAD. THIS FIELD APPLIES TO THREADS CREATED FOR CICS, IMS AND RRSAP ONLY (NOT TSO, CALL ATTACHMENT, OR UTILITY JOBS). INITIAL SIGNON DOES NO AUTHORIZATION CHECK BECAUSE THREAD DOESN'T EXIST, BUT RE-SIGNON MIGHT DO AN AUTHORIZATION CHECK.
zCTHD	INT	4	(IBM name: Q3STCTHD) SUCCESSFUL CREATE THREAD REQUESTS. NUMBER OF THREADS CREATED. THIS COUNT DOES NOT INCLUDE DATABASE ACCESS

			THREADS. A THREAD IS REQUIRED BEFORE AN APPLICATION CAN USE SQL. ONCE ESTABLISHED, A THREAD MIGHT HAVE ONE OR MULTIPLE AUTHORIZATION IDS (SECONDARIES). A THREAD IS NEEDED TO PERFORM ANY DB2 ACTIVITY. FOR EXAMPLE, A THREAD IS NEEDED TO RUN A DB2 UTILITY, TO DO AN IFI REQUEST SUCH AS READS, OR TO PROCESS A DB2 COMMAND SUCH AS -DISPLAY THREAD. HOWEVER, A THREAD IS NOT CREATED IF THE COMMAND FAILED BECAUSE OF A SYNTAX ERROR.
zTERM	INT	4	(IBM name: Q3STTERM) SUCCESSFUL TERMINATE THREAD REQUESTS. NUMBER OF TIMES THREADS ARE TERMINATED. THIS COUNT DOES NOT AGREE WITH THE CREATE THREAD COUNT BECAUSE EACH LEVEL OF A THREAD'S ACCESS (IDENTIFY, SIGNON, AND CREATE THREAD) MUST BE TERMINATED.
zRIUR	INT	4	(IBM name: Q3STRIUR) SUCCESSFUL RESOLUTION OF INDOUBT UNIT OF RECOVERY REQUESTS (4 BYTES). NUMBER OF TIMES REQUESTS TO HANDLE INDOUBT WORK UNITS WERE SUCCESSFULLY PROCESSED. A UNIT OF RECOVERY IS INDOUBT WHEN A FAILURE OCCURS AFTER A SUCCESSFUL PREPARE BUT BEFORE A SUCCESSFUL COMMIT. THIS VALUE INCLUDES COUNTS FOR RESOLVING INDOUBT DATABASE ACCESS THREADS. FOR ALLIED AGENT THREADS, THIS COUNT IS INCREMENTED BY 2 FOR EACH INDOUBT THREAD. FOR DATABASE ACCESS THREADS, THIS COUNT IS INCREMENTED BY 1 FOR EACH INDOUBT THREAD.
zPREP	INT	4	(IBM name: Q3STPREP) SUCCESSFUL PREPARE TO COMMIT (COMMIT PHASE 1) REQUESTS. NUMBER OF SUCCESSFUL REQUESTS FOR COMMIT PHASE 1 OF TWO-PHASE COMMIT (BEGIN COMMIT). IMS, CICS, AND RRSF APPLICATIONS USE THE PREPARE AND COMMIT SEQUENCE TO TO COMMIT WORK. THIS VALUE DOES NOT INCLUDE SUCCESSFUL SINGLE-PHASE COMMITS OR DISTRIBUTED TWO PHASE COMMITS.
zCOMM	INT	4	(IBM name: Q3STCOMM) SUCCESSFUL COMMIT PHASE 2 REQUESTS. NUMBER OF SUCCESSFUL REQUESTS FOR COMMIT PHASE 2. IMS, CICS, AND RRSF APPLICATIONS USE THE PREPARE AND COMMIT SEQUENCE TO COMMIT WORK. THIS VALUE DOES NOT INCLUDE SUCCESSFUL SINGLE-PHASE COMMITS OR DISTRIBUTED TWO-PHASE COMMITS.
zABRT	INT	4	(IBM name: Q3STABRT) SUCCESSFUL ROLLBACK REQUESTS. NUMBER OF TIMES A UNIT OF RECOVERY WAS BACKED OUT BECAUSE OF: - APPLICATION PROGRAM ABEND - APPLICATION ROLL BACK REQUEST - APPLICATION DEADLOCKED ON DATABASE RECORDS - APPLICATION CANCELED BY OPERATOR - THREAD ABEND CAUSED BY RESOURCE SHORTAGE. THIS COUNT DOES NOT INCLUDE TWO-PHASE COMMIT ACTIVITY.
zSYNC	INT	4	(IBM name: Q3STSYNC) SUCCESSFUL SYNC (SINGLE-PHASE COMMIT) REQUESTS. NUMBER OF SYNCHRONIZED COMMIT REQUESTS. TSO, CAF, AND UTILITY USE THE SYNCHRONIZE REQUEST: IMS AND RRSF APPLICATIONS USE THE PREPARE-AND-COMMIT SEQUENCE: CICS APPLICATIONS USE BOTH THE SYNCHRONIZED COMMIT REQUEST AND PREPARE-AND-COMMIT SEQUENCE TO COMMIT WORK. SINGLE-PHASE COMMIT REQUESTS OCCUR WHEN DB2 IS THE ONLY RESOURCE MANAGER THAT MAKES UPDATES TO A RESOURCE, OR WHEN ANOTHER RESOURCE MANAGER MAKES UPDATES, AND DB2 HAS READ-ONLY ACCESS TO THE RESOURCE. THE LATTER CASE IS CALLED A READ-ONLY COMMIT.
zEXIT	INT	4	(IBM name: Q3STEXIT) SUCCESSFUL DSN3EXIT REQUESTS.
zINDT	INT	4	(IBM name: Q3STINDT) TOTAL NUMBER OF INDOUBT UNITS OF RECOVERY. A UNIT OF RECOVERY IS INDOUBT WHEN A FAILURE OCCURS AFTER A SUCCESSFUL PREPARE BUT BEFORE A SUCCESSFUL COMMIT. THE FAILURE CAN OCCUR IN THE ADDRESS SPACE OF THE APPLICATION, THE TRANSACTION MANAGER, DB2, OR ALL OF THESE. IMS, CICS, AND RRSF APPLICATIONS USE THE PREPARE-AND-COMMIT SEQUENCE TO COMMIT WORK.
zMEOT	INT	4	(IBM name: Q3STMEOT) SUBSYSTEM ALLIED MEMORY END-OF TASKS. NUMBER OF TIMES

			NON-DB2 TASKS ABENDED WHILE CONNECTED TO DB2.
zMEOM	INT	4	(IBM name: Q3STMEOM) SUBSYSTEM ALLIED MEMORY END-OF-MEMORY. NUMBER OF TIMES NON-DB2 ADDRESS SPACE WAS DELETED BY z/OS WHILE CONNECTED TO DB2.
zSSSI	INT	4	(IBM name: Q3STSSSI) TOTAL NUMBER OF SUBSYSTEM INTERFACE CALLS PROCESSED.
zCTHW	INT	4	(IBM name: Q3STCTHW) NUMBER OF CREATE THREAD REQUESTS QUEUED. THIS COUNT DOES NOT INCLUDE DATABASE ACCESS THREADS. THE TOTAL NUMBER OF THREADS ACCESSING DATA THAT CAN BE ALLOCATED CONCURRENTLY IS MAX USERS ON INSTALL PANEL DSNTIPE. REQUESTS ARE QUEUED WHEN THE MAXIMUM ALLOWABLE VALUE (MAX USERS) IS EXCEEDED. IF NO THREADS ARE QUEUED DURING PEAK HOURS, THE VALUE OF THE MAXIMUM NUMBER OF THREADS MIGHT BE SET TOO HIGH. FOR DETAILS, SEE INSTALLATION GUIDE.
zRDON	INT	4	(IBM name: Q3STRDON) NUMBER OF READ-ONLY COMMITS. THERE ARE OCCASIONS WHEN CICS OR IMS INVOKES DB2 WHEN NO DB2 RESOURCE WAS ALTERED SINCE THE COMPLETION OF THE LAST COMMIT PROCESS WITH PREPARE REQUEST. WHEN THIS OCCURS, DB2 PERFORMS BOTH PHASES OF THE TWO-PHASE COMMIT DURING THE FIRST COMMIT PHASE AND RECORDS THAT THE USER OR JOB IS READ-ONLY IN RELATION TO ITS DB2 PROCESSING. THIS COUNT DOES NOT INCLUDE SYNC REQUESTS MADE BY CICS. FOR MORE INFORMATION SEE DIAGNOSIS GUIDE AND REFERENCE, CHAPTER 2-1.
zHWIB	INT	4	(IBM name: Q3STHWIB) THE MAXIMUM NUMBER OF CONCURRENT CONNECTIONS IDENTIFIED TO DB2 FROM BATCH.
zHWIF	INT	4	(IBM name: Q3STHWIF) THE MAXIMUM NUMBER OF USERS THAT ARE IDENTIFIED TO DB2 FROM TSO FOREGROUND AT THE SAME TIME.
zHWCT	INT	4	(IBM name: Q3STHWCT) THE MAXIMUM NUMBER OF ALLIED THREADS THAT ARE ALLOCATED CONCURRENTLY.

Secondary segment: **SMF100_GCPC**

Field Name	Type	Len	Description
<i>SMF100_GCPC.<fieldname></i>			
zCTR0	INT	4	(IBM name: Q9STCTR0) NUMBER OF '-DISPLAY DATABASE' COMMANDS.
zCTR1	INT	4	(IBM name: Q9STCTR1) NUMBER OF '-DISPLAY THREAD' COMMANDS.
zCTR2	INT	4	(IBM name: Q9STCTR2) NUMBER OF '-DISPLAY UTILITY' COMMANDS.
zCTR3	INT	4	(IBM name: Q9STCTR3) NUMBER OF '-RECOVER BSDS' COMMANDS.
zCTR4	INT	4	(IBM name: Q9STCTR4) NUMBER OF '-RECOVER INDOUBT' COMMANDS.
zCTR5	INT	4	(IBM name: Q9STCTR5) NUMBER OF '-START DATABASE' COMMANDS.
zCTR6	INT	4	(IBM name: Q9STCTR6) NUMBER OF '-START TRACE' COMMANDS.
zCTR7	INT	4	(IBM name: Q9STCTR7) NUMBER OF '-START DB2' COMMANDS.
zCTR8	INT	4	(IBM name: Q9STCTR8) NUMBER OF '-STOP DATABASE' COMMANDS.

zCTR9	INT	4	(IBM name: Q9STCTR9) NUMBER OF '-STOP TRACE' COMMANDS.
zCTRA	INT	4	(IBM name: Q9STCTRA) NUMBER OF '-STOP DB2' COMMANDS.
zCTRB	INT	4	(IBM name: Q9STCTRB) NUMBER OF '-TERM UTILITY' COMMANDS.
zCTRC	INT	4	(IBM name: Q9STCTRC) NUMBER OF '-DISPLAY TRACE' COMMANDS.
zCTRD	INT	4	(IBM name: Q9STCTRD) NUMBER OF '-RESET GENERICLU' COMMANDS.
zEROR	INT	4	(IBM name: Q9STEROR) NUMBER OF UNRECOGNIZED COMMANDS. THE COUNT IS INCREMENTED IF THE COMMAND VERB OR PRIMARY KEYWORD CANNOT BE DETERMINED. FOR EXAMPLE: '-DIXXXX DATABASE(*)' IS AN UNKNOWN VERB. '-DISPLAY XXXXXXXX(*)' IS AN UNKNOWN PRIMARY KEYWORD.
zCTRE	INT	4	(IBM name: Q9STCTRE) NUMBER OF '-START RLIMIT' COMMANDS.
zCTRF	INT	4	(IBM name: Q9STCTRF) NUMBER OF '-STOP RLIMIT' COMMANDS.
zCTRG	INT	4	(IBM name: Q9STCTRG) NUMBER OF '-DISPLAY RLIMIT' COMMANDS.
zCTRH	INT	4	(IBM name: Q9STCTRH) NUMBER OF '-MODIFY TRACE' COMMANDS.
zCTRI	INT	4	(IBM name: Q9STCTRI) NUMBER OF '-START DDF' COMMANDS.
zCTRJ	INT	4	(IBM name: Q9STCTRJ) NUMBER OF '-STOP DDF' COMMANDS.
zCTRK	INT	4	(IBM name: Q9STCTRK) NUMBER OF '-CANCEL THREAD' COMMANDS.
zCTRL	INT	4	(IBM name: Q9STCTRL) NUMBER OF '-DISPLAY LOCATION' COMMANDS.
zCTRM	INT	4	(IBM name: Q9STCTRM) NUMBER OF '-ARCHIVE LOG' COMMANDS.
zCTRN	INT	4	(IBM name: Q9STCTRN) NUMBER OF '-ALTER BUFFERPOOL' COMMANDS.
zCTRO	INT	4	(IBM name: Q9STCTRO) NUMBER OF '-DISPLAY BUFFERPOOL' COMMANDS.
zCTRP	INT	4	(IBM name: Q9STCTRP) NUMBER OF '-SET ARCHIVE' COMMANDS.
zCTRQ	INT	4	(IBM name: Q9STCTRQ) NUMBER OF '-DISPLAY ARCHIVE' COMMANDS.
zCTRR	INT	4	(IBM name: Q9STCTRR) NUMBER OF '-RESET INDOUBT' COMMANDS.
zCTRS	INT	4	(IBM name: Q9STCTRS) NUMBER OF '-ALTER GROUPBUFFERPOOL' COMMANDS.
zCTRT	INT	4	(IBM name: Q9STCTRT) NUMBER OF '-DISPLAY GROUPBUFFERPOOL' COMMANDS.
zCTRU	INT	4	(IBM name: Q9STCTRU) NUMBER OF '-DISPLAY PROCEDURE' COMMANDS.
zCTRV	INT	4	(IBM name: Q9STCTRV) NUMBER OF '-START PROCEDURE' COMMANDS.
zCTRW	INT	4	(IBM name: Q9STCTRW) NUMBER OF '-STOP PROCEDURE' COMMANDS.
zCTRX	INT	4	(IBM name: Q9STCTRX) NUMBER OF '-DISPLAY GROUP' COMMANDS.
zCTRY	INT	4	

			(IBM name: Q9STCTRY) NUMBER OF '-ALTER UTILITY' COMMANDS.
zCTRZ	INT	4	(IBM name: Q9STCTRZ) NUMBER OF '-DISPLAY FUNCTION' COMMANDS.
zCTX0	INT	4	(IBM name: Q9STCTX0) NUMBER OF '-START FUNCTION' COMMANDS.
zCTX1	INT	4	(IBM name: Q9STCTX1) NUMBER OF '-STOP FUNCTION' COMMANDS.
zCTX2	INT	4	(IBM name: Q9STCTX2) NUMBER OF '-SET LOG' COMMANDS.
zCTX3	INT	4	(IBM name: Q9STCTX3) NUMBER OF '-DISPLAY LOG' COMMANDS.
zCTX4	INT	4	(IBM name: Q9STCTX4) NUMBER OF '-SET SYSPARM' COMMANDS.
zCTX5	INT	4	(IBM name: Q9STCTX5) NUMBER OF '-DISPLAY DDF' COMMANDS.
zCTAD	INT	4	(IBM name: Q9STCTAD) NUMBER OF '-ACCESS DATABASE' COMMANDS.
zCTSS	INT	4	(IBM name: Q9STCTSS) NUMBER OF '-START PROFILE' COMMANDS.
zCTST	INT	4	(IBM name: Q9STCTST) NUMBER OF '-STOP PROFILE' COMMANDS.
zCTSD	INT	4	(IBM name: Q9STCTSD) NUMBER OF '-DISPLAY PROFILE' COMMANDS.
zCTDA	INT	4	(IBM name: Q9STCTDA) NUMBER OF '-DISPLAY ACCEL' COMMANDS.
zCTSA	INT	4	(IBM name: Q9STCTSA) NUMBER OF '-START ACCEL' COMMANDS.
zCTXA	INT	4	(IBM name: Q9STCTXA) NUMBER OF '-STOP ACCEL' COMMANDS.
zCDMD	INT	4	(IBM name: Q9STCDMD) NUMBER OF '-MODIFY DDF' COMMANDS.
zCTEN	INT	4	(IBM name: Q9STCTEN) NUMBER OF '-ACTIVATE FUNCTION LEVEL' COMMANDS.
zCTDQ	INT	4	(IBM name: Q9STCTDQ) NUMBER OF '-DISPLAY DYNQUERYCAPTURE' COMMANDS.
zCTSQ	INT	4	(IBM name: Q9STCTSQ) NUMBER OF '-START DYNQUERYCAPTURE' COMMANDS.
zCTXQ	INT	4	(IBM name: Q9STCTXQ) NUMBER OF '-STOP DYNQUERYCAPTURE' COMMANDS.

Secondary segment: **SMF100_Misc_IFC**

Field Name	Type	Len	Description
<i>SMF100_Misc_IFC.<fieldname></i>			
zCKPT	INT	4	(IBM name: QWSDCKPT) DB2 CHECKPOINT COUNT. THE NUMBER OF CHECKPOINTS DB2 TOOK SINCE STARTUP. A CHECKPOINT IS A POINT AT WHICH DB2 RECORDS INTERNAL STATUS INFORMATION ON THE DB2 LOG THAT IS USED IN THE RECOVERY PROCESS IF DB2 ABENDS. FOR MORE INFORMATION, SEE THE 'OPERATION AND RECOVERY' SECTION OF ADMINISTRATION GUIDE.
zRINV	INT (ENUM)	4	(IBM name: QWSDRINV) REASON WHY STATISTICS WAS INVOKED

zSCA	INT	4	(IBM name: QWSDSCA) COUNT OF IFI ABENDS.
zSCU	INT	4	(IBM name: QWSDSCU) COUNT OF IFI UNRECOGNIZED FUNCTIONS.
zSCCO	INT	4	(IBM name: QWSDSCCO) COUNT OF IFI COMMAND REQUESTS.
zSCRA	INT	4	(IBM name: QWSDSCRA) COUNT OF IFI READA REQUESTS.
zSCRS	INT	4	(IBM name: QWSDSCRS) COUNT OF IFI READS REQUESTS.
zSCWR	INT	4	(IBM name: QWSDSCWR) COUNT OF IFI WRITE REQUESTS.

SMF100_Misc_IFC.zCDCS.<fieldname>

zCDLC	INT	4	(IBM name: QWSDCDLC) NUMBER OF LOG RECORDS RETRIEVED FOR WHICH DATA CAPTURE PROCESSING WAS INVOKED.
zCDLR	INT	4	(IBM name: QWSDCDLR) NUMBER OF DATA CAPTURE LOG READS FOR PROCESSING IFI READS REQUESTS FOR IFCID 0185.
zCDRR	INT	4	(IBM name: QWSDCDRR) NUMBER OF DATA CAPTURE LOG RECORDS RETURNED.
zCDDR	INT	4	(IBM name: QWSDCDDR) NUMBER OF DATA CAPTURE DATA ROWS RETURNED. THESE ROWS ARE RETURNED IN IFCID 185 AND MAPPED BY QW0185DR.
zCDDD	INT	4	(IBM name: QWSDCDDD) NUMBER OF DATA CAPTURE DATA DESCRIPTIONS RETURNED. THESE DESCRIPTIONS ARE MAPPED IN IFCID 185 BEGINNING WITH FIELD QW0185DD
zCDMB	INT	4	(IBM name: QWSDCDMB) NUMBER OF DATA CAPTURE DESCRIBES PERFORMED. A DATA CAPTURE DESCRIBE IS THE PROCESS OF GETTING DESCRIPTIVE INFORMATION ABOUT A DB2 TABLE FROM THE CATALOG.
zCDTB	INT	4	(IBM name: QWSDCDTB) NUMBER OF DATA CAPTURE TABLES RETURNED TO THE CALLER OF IFI READS CALL FOR IFCID 0185.

SMF100_Misc_IFC.<fieldname>

zARTH	INT	4	(IBM name: QWSDARTH) NUMBER OF ROLLUP ACCOUNTING RECORDS THAT WERE WRITTEN BECAUSE THE ROLLUP THRESHOLD WAS EXCEEDED.
zARSG	INT	4	(IBM name: QWSDARSG) NUMBER OF ROLLUP ACCOUNTING RECORDS THAT WERE WRITTEN BECAUSE THE ROLLUP ACCOUNTING STORAGE THRESHOLD WAS EXCEEDED.
zARST	INT	4	(IBM name: QWSDARST) NUMBER OF ROLLUP ACCOUNTING RECORDS THAT WERE WRITTEN BECAUSE THE STALENESS THRESHOLD WAS EXCEEDED.
zARIR	INT	4	(IBM name: QWSDARIR) NUMBER OF RECORDS THAT FAILED TO QUALIFY FOR FOR ACCOUNTING ROLLUP BECAUSE ALL ROLLUP KEY FIELDS WERE NULL, OR NULL VALUES WERE NOT PERMITTED.
zLRG	HEX	10	(IBM name: QWSDLRG) HIGH USED RBA ADDRESS IN THE LOG.
zVTB	CHAR	24	(IBM name: QWSDVTB) (S)

Secondary segment: SMF100_Latch

Field Name	Type	Len	Description
<i>SMF100_Latch.<fieldname></i>			
zLC01	INT	4	(IBM name: QVLSLC01) INFREQUENTLY USED.
zLC02	INT	4	(IBM name: QVLSLC02) GLOBAL AUTHORIZATION CACHE.
zLC03	INT	4	(IBM name: QVLSLC03) DDF DISCONNECT.
zLC04	INT	4	(IBM name: QVLSLC04) SYSSTRINGS CACHE.
zLC05	INT	4	(IBM name: QVLSLC05) IRLM DATA SHARING EXITS OR RESOURCE LIMIT FACILITY.
zLC06	INT	4	(IBM name: QVLSLC06) DATA SHARING INDEX SPLIT.
zLC07	INT	4	(IBM name: QVLSLC07) INDEX LATCH AND OBID ALLOCATION.
zLC08	INT	4	(IBM name: QVLSLC08) QUERY PARALLELISM.
zLC09	INT	4	(IBM name: QVLSLC09) UTILITIES OR STORED PROCEDURE URIDS.
zLC10	INT	4	(IBM name: QVLSLC10) ALLIED AGENT CHAIN OR SEQUENCE DESCRIPTORS.
zLC11	INT	4	(IBM name: QVLSLC11) DECLARED TEMPORARY TABLE ALLOCATION.
zLC12	INT	4	(IBM name: QVLSLC12) GLOBAL TRANSACTION ID TABLE.
zLC13	INT	4	(IBM name: QVLSLC13) PAGE SET OPERATIONS.
zLC14	INT	4	(IBM name: QVLSLC14) BUFFER POOL LRU.
zLC15	INT	4	(IBM name: QVLSLC15) ARCHIVE LOG MODE(QUIESCE).
zLC16	INT	4	(IBM name: QVLSLC16) UR CHAIN.
zLC17	INT	4	(IBM name: QVLSLC17) RURE CHAIN.
zLC18	INT	4	(IBM name: QVLSLC18) DDF RESYNCH LIST.
zLC19	INT	4	(IBM name: QVLSLC19) LOG WRITE.
zLC20	INT	4	(IBM name: QVLSLC20) SYSTEM CHECKPOINT.
zLC21	INT	4	(IBM name: QVLSLC21) ACCOUNTING ROLLUP.
zLC22	INT	4	(IBM name: QVLSLC22) INTERNAL CHECKPOINT.
zLC23	INT	4	(IBM name: QVLSLC23) BUFFER MANAGER.
zLC24	INT	4	(IBM name: QVLSLC24) EDM POOL OR PREFETCH.
zLC25	INT	4	(IBM name: QVLSLC25) WORK FILE ALLOCATION.
zLC26	INT	4	(IBM name: QVLSLC26) DYNAMIC STATEMENT CACHE.

zLC27	INT	4	(IBM name: QVLSLC27) STORED PROCEDURES OR AUTHORIZATION CACHE.
zLC28	INT	4	(IBM name: QVLSLC28) STORED PROCEDURES OR AUTHORIZATION CACHE.
zLC29	INT	4	(IBM name: QVLSLC29) FIELD PROCEDURES OR DDF TRANSACTION MANAGER.
zLC30	INT	4	(IBM name: QVLSLC30) AGENT SERVICES.
zLC31	INT	4	(IBM name: QVLSLC31) STORAGE MANAGER.
zLC32	INT	4	(IBM name: QVLSLC32) STORAGE MANAGER.
zLC254	INT	4	(IBM name: QVLSLC254) INDEX LATCH.

Secondary segment: SMF100_ASMC

Field Name	Type	Len	Description
<i>SMF100_ASMC.<fieldname></i>			
zSUSP	INT	4	(IBM name: QVASSUSP) NUMBER OF PHYSICAL SUSPENDS.
zXSUS	INT	4	(IBM name: QVASXSUS) EUS - SYNCH UNREL SRB.
zXSUT	INT	4	(IBM name: QVASXSUT) EXECUTION UNIT SWITCH - SYNCH UNREL TCB.
zXAUS	INT	4	(IBM name: QVASXAUS) EXECUTION UNIT SWITCH - ASYNCH UNREL SRB.
zXAUT	INT	4	(IBM name: QVASXAUT) EXECUTION UNIT SWITCH - ASYNCH UNREL TCB.
zXSRS	INT	4	(IBM name: QVASXSRS) EXECUTION UNIT SWITCH - SYNCH REL SRB.
zXSRT	INT	4	(IBM name: QVASXSRT) EXECUTION UNIT SWITCH - SYNCH REL TCB.
zADUR	INT	4	(IBM name: QVASADUR) ALLOCATION/DEALLOCATION SERVICES - UNAVAILABLE RESOURCE.
zADDL	INT	4	(IBM name: QVASADDL) ALLOCATION/DEALLOCATION SERVICES - ALLOCATION DEADLOCK.
zADIR	INT	4	(IBM name: QVASADIR) ALLOCATION/DEALLOCATION SERVICES - INVALID RESOURCE.
zCBOS	INT	4	(IBM name: QVASCBOS) NUMBER OF SUCCESSFUL z/OS SHORT-TERM SYSEVENT BOOSTS FOLLOWING -DISPLAY THREAD(*) SERVICE(WAIT).
zCBOF	INT	4	(IBM name: QVASCBOF) NUMBER OF FAILED z/OS SHORT-TERM SYSEVENT BOOSTS FOLLOWING -DISPLAY THREAD(*) SERVICE(WAIT).
zMBOS	INT	4	(IBM name: QVASMBOF) NUMBER OF SUCCESSFUL z/OS SHORT-TERM SYSEVENT BOOSTS FOLLOWING -DISPLAY THREAD(*) SERVICE(STORAGE).
zMBOF	INT	4	(IBM name: QVASMBOF) NUMBER OF FAILED z/OS SHORT-TERM SYSEVENT BOOSTS FOLLOWING -DISPLAY THREAD(*) SERVICE(STORAGE).
zBRPT	INT	8	(IBM name: QVASBRPT) (S)

zBRP	INT	8	(IBM name: QVASBRP) (S)
zACEB	INT	8	(IBM name: QVASACEB) (S)
zACEF	INT	8	(IBM name: QVASACEF) (S)

Secondary segment: **SMF100_Storage_Manager**

Field Name	Type	Len	Description
<i>SMF100_Storage_Manager.<fieldname></i>			
<i>SMF100_Storage_Manager.zHEAD.<fieldname></i>			
zID	CHAR	2	(IBM name: QSSTID) CONTROL BLOCK ID.
zLEN	INT	2	(IBM name: QSSTLEN) LENGTH OF CONTROL BLOCK.

<i>SMF100_Storage_Manager.<fieldname></i>			
zDESC	CHAR	4	(IBM name: QSSTDESC) EYE CATCHERS.

<i>SMF100_Storage_Manager.zDATA.<fieldname></i>			
zGPLF	INT	4	(IBM name: QSSTGPLF) NUMBER OF GET FIXED POOLS.
zFPLF	INT	4	(IBM name: QSSTFPLF) NUMBER OF FREE FIXED POOLS.
zFREF	INT	4	(IBM name: QSSTFREF) NUMBER OF FREEMAINED SEGMENTS IN 31-BIT FIXED POOLS.
zEXPF	INT	4	(IBM name: QSSTEXPF) NUMBER OF EXTENSIONS GETMAINED IN FIXED POOLS.
zCONF	INT	4	(IBM name: QSSTCONF) NUMBER OF CONTRACTED SEGMENTS IN 31-BIT FIXED POOLS.
zGPLV	INT	4	(IBM name: QSSTGPLV) NUMBER OF GET VARIABLE POOLS.
zFPLV	INT	4	(IBM name: QSSTFPLV) NUMBER OF FREE VARIABLE POOLS.
zFREV	INT	4	(IBM name: QSSTFREV) NUMBER OF FREEMAINED SEGMENTS IN 31-BIT VARIABLE POOLS.
zEXPV	INT	4	(IBM name: QSSTEXPV) NUMBER OF EXTENSIONS GETMAINED IN VARIABLE POOLS.
zCONV	INT	4	(IBM name: QSSTCONV) NUMBER OF CONTRACTED SEGMENTS IN 31-BIT VARIABLE POOLS.
zGETM	INT	4	(IBM name: QSSTGETM) NUMBER OF 31-BIT GETMAIN REQUESTS.
zFREM	INT	4	(IBM name: QSSTFREM) NUMBER OF 31-BIT FREEMAIN REQUESTS.
zRCNZ	INT	4	(IBM name: QSSTRCNZ) NUMBER OF CONDITIONAL 31-BIT GET REQUEST FAILURES DUE TO A LOCAL STORAGE SHORTAGE.
zCONT	INT	4	(IBM name: QSSTCONT) NUMBER OF FULL SYSTEM CONTRACTIONS.
zCRIT	INT	4	(IBM name: QSSTCRIT) NUMBER OF CRITICAL STORAGE SHORTAGES AFTER CONTRACTION.

zABND	INT	4	(IBM name: QSSTABND) NUMBER OF ABENDS DUE TO LOCAL STORAGE SHORTAGE.
z_SGETM	INT	8	(IBM name: QSST_SGETM) NUMBER OF 31-BIT STACK REQUESTS THAT REQUIRED A GETMAIN.
z_SGETR	INT	8	(IBM name: QSST_SGETR) NUMBER OF OUT-OF-LINE 31-BIT STACK GET REQUESTS.
z_SGETEXT	INT	8	(IBM name: QSST_SGETEXT) NUMBER OF 31-BIT STACK REQUESTS THAT WERE SATISFIED WITH AN AVAILABLE EXTENSION.
z_SFREEM	INT	8	(IBM name: QSST_SFREEM) NUMBER OF 31-BIT FREE REQUESTS THAT REQUIRED A FREEMAIN.
z_SFREER	INT	8	(IBM name: QSST_SFREER) NUMBER OF OUT-OF-LINE 31-BIT STACK FREE REQUESTS.
z_D64POST	INT	8	(IBM name: QSST_D64POST) NUMBER OF OUT-OF-LINE 64-BIT STACK DEALLOCATION REQUESTS.
z_A64POST	INT	8	(IBM name: QSST_A64POST) NUMBER OF OUT-OF-LINE 64-BIT STACK ALLOCATION REQUESTS.
z_A64WAIT	INT	8	(IBM name: QSST_A64WAIT) NUMBER OF OUT-OF-LINE 64-BIT STACK ALLOCATION REQUESTS THAT RESULTED IN A WAIT.
z_M64DISNUM	INT	8	(IBM name: QSST_M64DISNUM) NUMBER OF 64-BIT STACK SEGMENTS THAT REQUIRED A DISCARD.
z_M64DISPGS	INT	8	(IBM name: QSST_M64DISPGS) NUMBER OF 64-BIT STACK PAGES THAT WERE DISCARDED.
z_SGETR64	INT	8	(IBM name: QSST_SGETR64) NUMBER OF OUT-OF-LINE 64-BIT STACK GET REQUESTS.
z_SGETEXT64	INT	8	(IBM name: QSST_SGETEXT64) NUMBER OF 64-BIT STACK REQUESTS THAT WERE SATISFIED WITH AN AVAILABLE EXTENSION.
z_SGETDEXT64	INT	8	(IBM name: QSST_SGETDEXT64) NUMBER OF 64-BIT STACK REQUESTS THAT REQUIRED AN EXTENSION ALLOCATION.
z_SFREER64	INT	8	(IBM name: QSST_SFREER64) NUMBER OF OUT-OF-LINE 64-BIT STACK FREE REQUESTS.
z_SFREEDEXT64	INT	8	(IBM name: QSST_SFREEDEXT64) NUMBER OF 64-BIT STACK FREE REQUEST REQUIRED AN EXTENSION DEALLOCATION.
z_DISCARDMODE64	INT	8	(IBM name: QSST_DISCARDMODE64) NUMBER OF REAL FRAME DISCARD MODES.
z_RSMAX_WARN	INT	8	(IBM name: QSST_RSMAX_WARN) NUMBER OF TIMES THAT THE REALSTORAGE_MAX WARNING LEVEL WAS REACHED.
z_P64DISNUM	INT	8	(IBM name: QSST_P64DISNUM) NUMBER OF 64-BIT POOLS THAT WERE CONTRACTED.
z_P64DISBLK	INT	8	(IBM name: QSST_P64DISBLK) NUMBER OF 64-BIT POOL BLOCKS THAT REQUIRED A DISCARD.
z_P64DISPGS	INT	8	(IBM name: QSST_P64DISPGS) NUMBER OF 64-BIT POOL PAGES THAT WERE DISCARDED.
z_CONTSTOR_NUM	INT	8	(IBM name: QSST_CONTSTOR_NUM) NUMBER OF 31-BIT AGENT LOCAL POOLS THAT WERE CONTRACTED BECAUSE SUBSYSTEM PARAMETER CONTSTOR WAS ENABLED.

Secondary segment: SMF100_DDF

Field Name	Type	Len	Description
<i>SMF100_DDF.<fieldname></i>			
zLOCN_Off	INT	2	(IBM name: QLSTLOCN_Off) Offset from QLST to LOCATION NAME OF THE 'REMOTE' SITE WITH WHICH THE INFORMATION IS ASSOCIATED. If QLSTLOCN truncated
zLOCN	CHAR	16	(IBM name: QLSTLOCN) %U LOCATION NAME OF THE REMOTE LOCATION FOR WHICH %U INFORMATION IS ASSOCIATED. THIS VALUE IS TRUNCATED %U IF QLSTLOCN_OFF IS NOT 0.
zPRID	CHAR	8	(IBM name: QLSTPRID) THE PRDID OF THE REMOTE LOCATION. Also see QLSTPRLV.
zCNVS	INT	8	(IBM name: QLSTCNVS) NUMBER OF CONVERSATIONS THAT WERE INITIATED FROM THIS SITE TO THE REMOTE SITE. THIS VALUE IS MEANINGFUL ONLY AT THE REQUESTER.
zCNVT	INT	8	(IBM name: QLSTCNVT) NUMBER OF CONVERSATIONS THAT WERE DEALLOCATED FROM THIS SITE TO THE REMOTE SITE. THIS VALUE IS MEANINGFUL ONLY AT THE REQUESTER.
zCNVR	INT	8	(IBM name: QLSTCNVR) NUMBER OF CONVERSATIONS THAT WERE INITIATED FROM THE REMOTE SITE TO THIS SITE. THIS VALUE IS MEANINGFUL ONLY AT THE SERVER.
zMSGS	INT	8	(IBM name: QLSTMSGS) NUMBER OF MESSAGES SENT TO THE REMOTE SITE.
zMSGR	INT	8	(IBM name: QLSTMSGR) NUMBER OF MESSAGES RECEIVED FROM THE REMOTE SITE.
zSQLS	INT	8	(IBM name: QLSTSQLS) NUMBER OF SQL STATEMENTS SENT TO THE REMOTE SITE.
zSQLR	INT	8	(IBM name: QLSTSQLR) NUMBER OF SQL STATEMENTS RECEIVED FROM THE REMOTE SITE.
zBYTS	INT	8	(IBM name: QLSTBYTS) NUMBER OF BYTES OF DATA SENT TO THE REMOTE SITE.
zBYTR	INT	8	(IBM name: QLSTBYTR) NUMBER OF BYTES OF DATA RECEIVED FROM THE REMOTE SITE.
zROWS	INT	8	(IBM name: QLSTROWS) NUMBER OF ROWS OF DATA SENT TO THE REMOTE SITE. THIS VALUE INCLUDES THE SQLDA.
zROWR	INT	8	(IBM name: QLSTROWR) NUMBER OF ROWS OF DATA RETRIEVED FROM THE REMOTE SITE. THIS VALUE DOES NOT INCLUDE THE SQLDA OR SQLCA.
zBTBF	INT	8	(IBM name: QLSTBTBF) NUMBER OF BLOCKS TRANSMITTED USING BLOCK FETCH. THIS VALUE IS MEANINGFUL ONLY AT THE SERVER.
zBRBF	INT	8	(IBM name: QLSTBRBF) NUMBER OF BLOCKS RECEIVED USING BLOCK FETCH. THIS VALUE IS MEANINGFUL ONLY AT THE REQUESTER.
zCOMS	INT	8	(IBM name: QLSTCOMS) NUMBER OF COMMIT REQUESTS SENT TO THE SERVER (SINGLE-PHASE COMMIT PROTOCOL) AND COMMITTED REQUESTS SENT TO THE PARTICIPANT (TWO-PHASE COMMIT PROTOCOL). THIS VALUE IS MAINTAINED AT THE REQUESTER LOCATION.
zCOMR	INT	8	(IBM name: QLSTCOMR) NUMBER OF COMMIT REQUESTS RECEIVED FROM THE REQUESTER (SINGLE-PHASE COMMIT PROTOCOL) AND COMMITTED REQUESTS RECEIVED FROM THE COORDINATOR (TWO-PHASE COMMIT PROTOCOL).
zABRS	INT	8	(IBM name: QLSTABRS) NUMBER OF ABORT REQUESTS SENT TO THE SERVER

			(SINGLE-PHASE COMMIT PROTOCOL) AND BACKOUT REQUESTS SENT TO THE PARTICIPANT (TWO-PHASE COMMIT PROTOCOL).
zABRR	INT	8	(IBM name: QLSTABRR) NUMBER OF ABORT REQUESTS RECEIVED FROM THE REQUESTER (SINGLE-PHASE COMMIT PROTOCOL) AND BACKOUT REQUESTS RECEIVED FROM THE COORDINATOR (TWO-PHASE COMMIT PROTOCOL).
zINDT	INT	8	(IBM name: QLSTINDT) NUMBER OF THREADS THAT BECAME INDOUBT WITH THE REMOTE LOCATION AS THE COORDINATOR (TWO-PHASE COMMIT OPERATIONS ONLY). A LARGE VALUE MIGHT INDICATE NETWORK PROBLEMS.
zCNVQ	INT	8	(IBM name: QLSTCNVQ) NUMBER OF CONVERSATION REQUESTS QUEUED BY DDF THAT ARE WAITING FOR ALLOCATION. IF THE VALUE IS A LARGE NUMBER, YOU MIGHT NEED TO INCREASE THE LIMIT FOR THE NUMBER OF CONVERSATIONS.
zPRLV	CHAR	16	(IBM name: QLSTPRLV) Product Level, if known.

Secondary segment: **SMF100_DDF_Location**

Field Name	Type	Len	Description
<i>SMF100_DDF_Location.<fieldname></i>			
zLOCN_Len	INT	2	(IBM name: QLSTLOCN_Len) LOCATION NAME LENGTH
zLOCN_Var	XVCHAR	0 128	(IBM name: QLSTLOCN_Var) LOCATION NAME OF THE 'REMOTE' SITE WITH WHICH THE INFORMATION IS ASSOCIATED. Truncated if QLSTLOCN_Off=0

Secondary segment: **SMF100_Log_Manager**

Field Name	Type	Len	Description
<i>SMF100_Log_Manager.<fieldname></i>			
zID	HEX	2	(IBM name: QJSTID) CONTROL BLOCK ID X'0093'
zLL	INT	2	(IBM name: QJSTLL) LENGTH OF CONTROL BLOCK.
zEID	CHAR	4	(IBM name: QJSTEID) EBCDIC EYE CATCHER.
zWRW	INT	4	(IBM name: QJSTWRW) NUMBER OF WAIT LOG WRITE REQUESTS. THIS TYPE OF LOG REQUEST IS NOT SUPPORTED. THIS FIELD IS SET TO 0.
zWRNW	INT	4	(IBM name: QJSTWRNW) NUMBER OF NOWAIT LOG WRITE REQUESTS. NOWAIT MEANS WRITE THE LOG RECORD TO THE LOG BUFFER AND DO NOT WAIT FOR IT TO BE WRITTEN TO THE LOG DATA SET. THE APPLICATION REGAINS CONTROL RIGHT AWAY. THE LOG BUFFERS ARE WRITTEN TO DASD WHEN THE AMOUNT USED EXCEEDS THRESHOLD (SEE COMMENTS IN QJSTWRF).
zWRF	INT	4	(IBM name: QJSTWRF) NUMBER OF FORCE LOG WRITE REQUESTS. FORCE MEANS WRITE THE LOG RECORD TO THE LOG BUFFER, AND FORCE THE BUFFER TO BE WRITTEN TO THE LOG DATA SET ON DASD. THE APPLICATION MUST WAIT FOR THIS OPERATION TO COMPLETE BEFORE IT REGAINS CONTROL. THIS COUNT DOES NOT INCLUDE FORCE WRITES FOR COMMIT.

zWTB	INT	4	(IBM name: QJSTWTB) NUMBER OF WAITS CAUSED BY UNAVAILABLE OUTPUT LOG BUFFER. WHEN DB2 WANTS TO WRITE A LOG RECORD AND THE LOG BUFFER IS NOT AVAILABLE, DB2 AND THE APPLICATION MUST WAIT FOR AN AVAILABLE LOG BUFFER. THIS IS NOT DESIRABLE. THIS FIELD SHOULD BE ZERO AT ALL TIMES. IF THIS FIELD IS NONZERO, INCREASE THE NUMBER OF OUTPUT BUFFERS BEING USED TO WRITE TO THE ACTIVE LOG DATA SET. DO THIS BY INCREASING THE NUMBER IN THE OUTPUT BUFFER FIELD OF INSTALLATION PANEL DSNTIPL.
zRBUF	INT	4	(IBM name: QJSTRBUF) NUMBER OF LOG READS SATISFIED FROM OUTPUT BUFFER. QJSTRBUF, QJSTRACT, AND QJSTARH INDICATE HOW EFFICIENTLY DB2 RETRIEVES LOG RECORDS. USE THESE COUNTS TO ADJUST THE NUMBER OF OUTPUT BUFFERS AND THE TOTAL ACTIVE LOG CAPACITY TO MAXIMIZE DB2 PERFORMANCE.
zRACT	INT	4	(IBM name: QJSTRACT) NUMBER OF LOG READS SATISFIED FROM ACTIVE LOG DATA SET (4 BYTES). QJSTRBUF, QJSTRACT, AND QJSTARH INDICATE HOW EFFICIENTLY DB2 RETRIEVES LOG RECORDS. USE THESE COUNTS TO ADJUST THE NUMBER OF OUTPUT BUFFERS AND THE TOTAL ACTIVE LOG CAPACITY TO MAXIMIZE DB2 PERFORMANCE. IDEALLY, THIS VALUE SHOULD BE 0, ALTHOUGH IT IS UNLIKELY. A VERY SMALL NUMBER IS GOOD.
zRARH	INT	4	(IBM name: QJSTARH) NUMBER OF LOG READS SATISFIED FROM ARCHIVE LOG DATA SET (4 BYTES). QJSTRBUF, QJSTRACT, AND QJSTARH INDICATE HOW EFFICIENTLY DB2 RETRIEVES LOG RECORDS. USE THESE COUNTS TO ADJUST THE NUMBER OF OUTPUT BUFFERS AND THE TOTAL ACTIVE LOG CAPACITY TO MAXIMIZE DB2 PERFORMANCE. IDEALLY, THIS VALUE SHOULD BE 0 OR VERY SMALL.
zTVC	INT	4	(IBM name: QJSTTVC) NUMBER OF READ ACCESSES THAT WERE DELAYED BECAUSE OF TAPE VOLUME CONTENTION (IN A SITUATION WHERE ONLY ONE READER PER TAPE IS POSSIBLE). THIS FIELD CONTAINS THE NUMBER OF AGENTS FORCED TO WAIT BECAUSE A TAPE VOLUME WAS ALREADY IN USE BY ANOTHER AGENT.
zBSDS	INT	4	(IBM name: QJSTBSDS) TOTAL NUMBER OF BOOTSTRAP DATA SET (BSDS) ACCESS REQUESTS. THE BSDS CONTAINS NAME AND STATUS INFORMATION FOR DB2, AS WELL AS RBA RANGE SPECIFICATIONS FOR ALL ACTIVE AND ARCHIVE LOG DATA SETS. IT CONTAINS PASSWORDS FOR THE DB2 DIRECTORY AND CATALOG, AND LISTS OF CONDITIONAL RESTART AND CHECKPOINT RECORDS. SEE THE 'OPERATION AND RECOVERY' SECTION OF ADMINISTRATION GUIDE FOR MORE INFORMATION.
zBFFL	INT	4	(IBM name: QJSTBFFL) NUMBER OF ACTIVE LOG OUTPUT CONTROL INTERVALS CREATED.
zBFWR	INT	4	(IBM name: QJSTBFWR) NUMBER OF CALLS TO LOG WRITE ROUTINE. THIS DOES NOT REPRESENT THE NUMBER OF PHYSICAL LOG I/OS.
zALR	INT	4	(IBM name: QJSTALR) NUMBER OF ARCHIVE LOG READ ALLOCATIONS. THIS NUMBER INDICATES THE FREQUENCY OF ARCHIVE LOG OPEN AND CLOSE ACTIVITY. A HIGH COUNT INDICATES A NEED FOR MORE OR LARGER ACTIVE LOG DATA SETS. AN IDEAL VALUE IS 0.
zALW	INT	4	(IBM name: QJSTALW) NUMBER OF ARCHIVE LOG WRITE ALLOCATIONS. THIS NUMBER ALSO INDICATES THE FREQUENCY OF ARCHIVE LOG OPEN AND CLOSE ACTIVITY.
zCIOF	INT	4	(IBM name: QJSTCIOF) COUNT OF CONTROL INTERVALS OFFLOADED.
zWUR	INT	4	(IBM name: QJSTWUR) NUMBER OF READ ACCESSES DELAYED BECAUSE OF UNAVAILABLE RESOURCES. THIS CAN BE CAUSED BY NOT HAVING ENOUGH TAPE UNITS ALLOCATED. REISSUE THE -SET ARCHIVE COMMAND, AND USE A HIGHER VALUE FOR THE 'COUNT' PARAMETER. IT IS ALSO POSSIBLE, ALTHOUGH NOT LIKELY, THAT THE LOG READER SERVICE TASK MAXIMUM WAS REACHED. IN THIS CASE, THE MAXIMUM AMOUNT OF READ PARALLELISM IS

			BEING USED.
zLAMA	INT	4	(IBM name: QJSTLAMA) NUMBER OF 'LOOK-AHEAD' TAPE MOUNTS ATTEMPTED. FOR MAXIMUM PERFORMANCE, THIS VALUE AND QJSTLAMS SHOULD BE EQUAL. TO FIND THE NUMBER OF FAILED ATTEMPTS, SUBTRACT QJSTLAMS FROM THE VALUE IN THIS FIELD. TOO MANY FAILED ATTEMPTS NEGATE POTENTIAL PERFORMANCE GAINS.
zLAMS	INT	4	(IBM name: QJSTLAMS) NUMBER OF SUCCESSFUL 'LOOK-AHEAD' TAPE MOUNTS. FOR MAXIMUM PERFORMANCE, THIS FIELD AND QJSTLAMA SHOULD BE EQUAL. TO FIND THE NUMBER OF FAILED ATTEMPTS, SUBTRACT THE VALUE IN THIS FIELD FROM QJSTLAMA. TOO MANY FAILED ATTEMPTS NEGATE POTENTIAL PERFORMANCE GAINS. THIS CAN BE CAUSED BY NOT HAVING ENOUGH TAPE UNITS AVAILABLE. ISSUE THE -DISPLAY ARCHIVE COMMAND AND NOTE THE CURRENT 'COUNT' VALUE. THEN ISSUE THE -SET ARCHIVE COMMAND, USING A HIGHER VALUE FOR THE 'COUNT' PARAMETER.
zLSUS	INT	4	(IBM name: QJSTLSUS) THE NUMBER OF TIMES THAT A LOG MANAGER REQUEST RESULTS IN A SUSPEND FOR A LOG RECORD THAT IS BEING WRITTEN OUT TO THE LOG DATA SETS. THIS IS THE SUM OF THE WAITS RECORDED BY IFCID 32 AND IFCID 33 PAIRS.
zLOGW	INT	4	(IBM name: QJSTLOGW) THE TOTAL NUMBER OF LOG WRITE I/O REQUESTS (MEDIA MANAGER CALLS). THIS IS THE SUM OF THE WAITS RECORDED BY IFCID 38 AND IFCID 39 PAIRS. THIS VALUE INCLUDES WAITS FOR COPY1 AND COPY2 ACTIVE LOG DATA SET WRITES. THIS VALUE SHOULD CORRESPOND TO THE ACTIVE LOG WRITE I/O ACTIVITY IN AN RMF REPORT.
zCIWR	INT	4	(IBM name: QJSTCIWR) THE TOTAL NUMBER OF LOG CI'S WRITTEN. THIS VALUE INCLUDES CI REWRITES AND COPY1 AND COPY2 ACTIVE LOG DATA SET WRITES. IF A GIVEN CI IS REWRITTEN FIVE TIMES, THIS COUNTER IS INCREMENTED BY FIVE. THIS COUNTER, MULTIPLIED BY 4KB AND DIVIDED BY THE STATISTICS INTERVAL IN SECONDS, REPRESENTS THE NUMBER OF BYTES PER SECOND OF LOG DATA WRITTEN TO THE ACTIVE LOG DATA SETS. WHEN THIS VALUE EXCEEDS 1MB/SEC PER LOG COPY, ATTENTION SHOULD BE PAID TO LOG DATA SET I/O TUNING.
zSERW	INT	4	(IBM name: QJSTSERW) THE NUMBER OF SERIAL LOG WRITE I/O REQUESTS. A SERIAL LOG WRITE I/O REQUEST OCCURS WHEN DB2 REWRITES A LOG CI THAT WAS PREVIOUSLY WRITTEN AS A PARTIAL CI, IN A DUAL LOGGING ENVIRONMENT. THIS VALUE INCLUDES COPY1 AND COPY2 ACTIVE LOG DATA SET WRITES. THE DIFFERENCE BETWEEN QJSTLOGW AND QJSTSERW REPRESENTS THE NUMBER OF PARALLEL LOG WRITE I/O REQUESTS. TYPICALLY, THE FIRST CI IN A LIST OF CI'S TO BE WRITTEN IN ONE START I/O IS WRITTEN SERIALY, AND THE REMAINING CI'S ARE WRITTEN IN PARALLEL TO BOTH COPY1 AND COPY2 ACTIVE LOG DATA SETS. THIS VALUE IS MEANINGFUL ONLY WHEN DB2 RUNS IN DUAL ACTIVE LOG MODE.
zTHRW	INT	4	(IBM name: QJSTTHRW) THE NUMBER OF TIMES THAT AN ASYNCHRONOUS LOG WRITE REQUEST WAS SCHEDULED BECAUSE THE LOG WRITE THRESHOLD WAS REACHED. THIS COUNTER IS PROVIDED PRIMARILY FOR AN INTERNAL CHECK. IT IS RECOMMENDED THAT YOU USE THE DEFAULT WRITE THRESHOLD OF 20 BUFFERS.
zBPAG	INT	4	(IBM name: QJSTBPAG) THE NUMBER OF TIMES THAT A LOG OUTPUT BUFFER WAS PAGED IN BEFORE IT COULD BE INITIALIZED. WHEN A LOG OUTPUT BUFFER IS PAGED IN BEFORE IT IS INITIALIZED, THE LOG WRITE LATCH IS HELD. A NONZERO VALUE COULD INDICATE THAT THE LOG OUTPUT BUFFER SIZE IS TOO LARGE OR THERE IS INSUFFICIENT REAL STORAGE TO BACK UP THE LOG OUTPUT BUFFER SIZE.
zSPNN	INT	4	(IBM name: QJSTSPNN) (S)
zSPNI	INT	8	(IBM name: QJSTSPNI) (S)
zCLID	INT	4	

			(IBM name: QJSTCLID) (S)
zCL2	CHAR	2	(IBM name: QJSTCL2) (S)
zCLSN	CHAR	10	(IBM name: QJSTCLSN) (S)
zDPXT	FIXED	8 (20,6)	(IBM name: QJSTDPXT) TOTAL TIME, IN MICROSECONDS, THAT XES SUSPENDED THE LOG WRITER TO UPDATE THE SECONDARY LOCK STRUCTURE FOR ASYNCHRONOUS LOCK DUPLEXING.
zDPXN	INT	4	(IBM name: QJSTDPXN) TOTAL NUMBER OF TIMES THAT XES SUSPENDED THE LOG WRITER TO UPDATE THE SECONDARY LOCK STRUCTURE FOR ASYNCHRONOUS LOCK DUPLEXING.
zAVAL	CHAR	116	(IBM name: QJSTAVAL) (S)

Secondary segment: SMF100_DDF_System

Field Name	Type	Len	Description
<i>SMF100_DDF_System.<fieldname></i>			
zQDBT	INT	4	(IBM name: QDSTQDBT) NUMBER OF TIMES THAT A DATABASE ACCESS THREAD (DBAT) OR CONNECTION WAS QUEUED BECAUSE THE LIMIT WAS REACHED FOR ACTIVE REMOTE THREADS (ZPARM MAXDBAT). IF THIS FIELD CONTAINS A LARGE NUMBER, YOU MIGHT NEED TO INCREASE THE MAXDBAT VALUE. ASSOCIATED DELAYS MIGHT BE REFLECTED IN QDSTNQR2.
zCSTR	INT	4	(IBM name: QDSTCSTR) THE NUMBER OF COLD START CONNECTIONS WITH ALL REMOTE LOCATIONS (TWO-PHASE COMMIT OPERATIONS ONLY).
zWSTR	INT	4	(IBM name: QDSTWSTR) THE NUMBER OF WARM START CONNECTIONS WITH ALL REMOTE LOCATIONS (TWO-PHASE COMMIT OPERATIONS ONLY).
zRSAT	INT	4	(IBM name: QDSTRSAT) THE NUMBER OF RESYNCHRONIZATION CONNECTIONS ATTEMPTED WITH ALL REMOTE LOCATIONS (TWO-PHASE COMMIT OPERATIONS ONLY). A LARGE VALUE MIGHT INDICATE NETWORK OR SYSTEM PROBLEMS.
zRSSU	INT	4	(IBM name: QDSTRSSU) THE NUMBER OF RESYNCHRONIZATION CONNECTIONS THAT SUCCEEDED WITH ALL REMOTE LOCATIONS (TWO-PHASE COMMIT OPERATIONS ONLY). IF QDSTRSSU IS MUCH LARGER THAN QDSTRSAT, NETWORK PROBLEMS MIGHT EXIST.
zQCRT	INT	4	(IBM name: QDSTQCRT) NUMBER OF CONNECTIONS THAT WERE REJECTED BECAUSE THE LIMIT WAS REACHED FOR MAXIMUM REMOTE CONNECTIONS (ZPARM CONDBAT).
zQCIT	INT	4	(IBM name: QDSTQCIT) THE CURRENT NUMBER OF TYPE 1 INACTIVE DATABASE ACCESS THREADS.
zQMIT	INT	4	(IBM name: QDSTQMIT) THE MAXIMUM NUMBER OF TYPE 1 INACTIVE THREADS THAT HAVE EXISTED.
zCNAT	INT	4	(IBM name: QDSTCNAT) THE CURRENT NUMBER OF ACTIVE AND DISCONNECTED (POOLED) DATABASE ACCESS THREADS.
zHWAT	INT	4	(IBM name: QDSTHWAT) THE MAXIMUM NUMBER OF ACTIVE AND DISCONNECTED (POOLED) DATABASE ACCESS THREADS THAT EXISTED.

zHWDT	INT	4	(IBM name: QDSTHWDT) THE MAXIMUM NUMBER OF REMOTE CONNECTIONS THAT HAVE EXISTED.
zNITC	INT	4	(IBM name: QDSTNITC) THE NUMBER OF THREADS OR CONNECTIONS THAT WERE TERMINATED INSTEAD OF BEING MADE TYPE 1 INACTIVE BECAUSE THE LIMIT WAS REACHED FOR TYPE 1 INACTIVE THREADS (ZPARM MAXTYPE1).
zCIN2	INT	4	(IBM name: QDSTCIN2) THE CURRENT NUMBER OF INACTIVE CONNECTIONS.
zMIN2	INT	4	(IBM name: QDSTMIN2) THE MAXIMUM NUMBER OF CONCURRENT INACTIVE CONNECTIONS THAT HAVE EXISTED.
zQIN2	INT	4	(IBM name: QDSTQIN2) THE NUMBER OF RECEIVE REQUESTS ON INACTIVE CONNECTIONS OR NEW CONNECTIONS THAT HAVE BEEN QUEUED TO BE SERVICED BY A DISCONNECTED (POOLED) DBAT. LARGE VALUES ARE NORMAL. THIS FIELD CAN BE USED ALONG WITH PRIOR STATISTICS RECORDS TO ESTABLISH A RATE AT WHICH CONNECTIONS ARE QUEUED TO BE SERVICED BY A DISCONNECTED (POOLED) DBAT. ANY DELAYS IN THIS PROCESSING ARE REFLECTED IN THE QDSTNQR2 VALUE.
zNQR2	INT	4	(IBM name: QDSTNQR2) THE CURRENT NUMBER OF INACTIVE CONNECTIONS OR NEW CONNECTIONS THAT ARE QUEUED, WAITING TO BE SERVICED BY A DBAT. DBATS MIGHT BE UNAVAILABLE IF THE MAXDBAT ZPARM VALUE IS REACHED, OR IF DDF IS STOPPED, OR STOPPING WITH MODE(SUSPEND). CHECK QDSTQDBT TO DETERMINE WHETHER THERE IS A MAXDBAT CONSTRAINT. SEE QDSTNQMN, QDSTNQMX, AND QDSTNQAV FOR RELATED ELAPSED TIME INFORMATION.
zMQR2	INT	4	(IBM name: QDSTMQR2) THE MAXIMUM NUMBER OF INACTIVE CONNECTIONS OR NEW CONNECTIONS THAT HAVE BEEN QUEUED, WAITING TO BE SERVICED BY A DBAT.
zNADS	INT	4	(IBM name: QDSTNADS) THE CURRENT NUMBER OF DISCONNECTED (POOLED) DBATS THAT ARE AVAILABLE TO SERVICE WORK ON INACTIVE CONNECTIONS OR NEW CONNECTIONS.
zMADS	INT	4	(IBM name: QDSTMADS) THE MAXIMUM NUMBER OF DISCONNECTED (POOLED) DBATS THAT HAVE BEEN AVAILABLE TO SERVICE WORK ON INACTIVE CONNECTIONS OR NEW CONNECTIONS.
zNDBA	INT	4	(IBM name: QDSTNDBA) THE NUMBER OF REQUESTS THAT REQUIRED A DBAT TO BE CREATED TO PROCESS THE REQUESTS. THIS VALUE DOES NOT INCLUDE DBATS THAT WERE CREATED TO REPLACE DISCONNECTED (POOLED) DBATS THAT TERMINATED BECAUSE THEY REACHED THEIR REUSE LIMIT. THE ZPARM POOLINAC PROVIDES SOME CONTROL OVER THE AVAILABILITY OF DISCONNECTED (POOLED) DBATS.
zPOOL	INT	4	(IBM name: QDSTPOOL) THE NUMBER OF REQUESTS THAT WERE SATISFIED BY ASSIGNING A DISCONNECTED (POOLED) DBAT TO PROCESS THE REQUESTS.
zNCQC	INT	4	(IBM name: QDSTNCQC) THE NUMBER OF QUEUED CLIENT CONNECTIONS WHOSE TCP/IP SOCKETS WERE CLOSED BECAUSE THE NUMBER OF DATABASE ACCESS THREADS EXCEEDED THE MAXDBAT SUBSYSTEM PARAMETER VALUE, AND THE NUMBER OF INACTIVE CONNECTIONS THAT WERE QUEUED AND WAITING FOR A DBAT EXCEEDED THE FACMCONQN VALUE. SOCKETS ARE CLOSED ONLY ON A MEMBER OF A DATA SHARING GROUP.
zNARD	INT	4	(IBM name: QDSTNARD) THE CURRENT NUMBER OF DBATS THAT ARE ACTIVE BECAUSE THE ASSOCIATED PACKAGES WERE BOUND WITH RELEASE(DEALLOCATE).
zMARD	INT	4	(IBM name: QDSTMARD) THE MAXIMUM NUMBER OF DBATS THAT ARE ACTIVE BECAUSE THE ASSOCIATED PACKAGES WERE BOUND WITH

			RELEASE(DEALLOCATE).
zNQMN	TIME	8	(IBM name: QDSTNQMN) FOR INACTIVE CONNECTIONS OR NEW CONNECTIONS THAT ARE QUEUED AND WAITING TO BE SERVICED BY A DBAT (CONNECTIONS THAT ARE COUNTED IN FIELD QDSTNQR2), THE MINIMUM AMOUNT OF TIME THAT THE CONNECTIONS ARE WAITING DURING THE STATISTICS PERIOD. THIS VALUE IS IN STCK FORMAT. ONLY THE WRITING OF STATISTICS RECORDS DUE TO AN EXPIRED TIMER CAUSES THIS COUNTER TO BE RESET. THE WRITING OF STATISTICS RECORDS FOR IFI READS, CHECKPOINTS, OR COMMANDS DOES NOT CAUSE THIS COUNTER TO BE RESET.
zNQMX	TIME	8	(IBM name: QDSTNQMX) FOR INACTIVE CONNECTIONS OR NEW CONNECTIONS THAT ARE QUEUED AND WAITING TO BE SERVICED BY A DBAT (CONNECTIONS THAT ARE COUNTED IN FIELD QDSTNQR2), THE MAXIMUM AMOUNT OF TIME THAT THE CONNECTIONS ARE WAITING DURING THE STATISTICS PERIOD. THIS VALUE IS IN STCK FORMAT. ONLY THE WRITING OF STATISTICS RECORDS DUE TO AN EXPIRED TIMER CAUSES THIS COUNTER TO BE RESET. THE WRITING OF STATISTICS RECORDS FOR IFI READS, CHECKPOINTS, OR COMMANDS DOES NOT CAUSE THIS COUNTER TO BE RESET.
zNQAV	TIME	8	(IBM name: QDSTNQAV) FOR INACTIVE CONNECTIONS OR NEW CONNECTIONS THAT ARE QUEUED AND WAITING TO BE SERVICED BY A DBAT (CONNECTIONS THAT ARE COUNTED IN FIELD QDSTNQR2), THE AVERAGE AMOUNT OF TIME THAT THE CONNECTIONS ARE WAITING DURING THE STATISTICS PERIOD. THIS VALUE IS IN STCK FORMAT. ONLY THE WRITING OF STATISTICS RECORDS DUE TO AN EXPIRED TIMER CAUSES THIS COUNTER TO BE RESET. THE WRITING OF STATISTICS RECORDS FOR IFI READS, CHECKPOINTS, OR COMMANDS DOES NOT CAUSE THIS COUNTER TO BE RESET.
zNCCW	INT	4	(IBM name: QDSTNCCW) THE NUMBER OF QUEUED CLIENT CONNECTIONS WHOSE TCP/IP SOCKETS WERE CLOSED BECAUSE THE MAXIMUM TIME THAT WAS SPENT WAITING FOR A DBAT EXCEEDED THE FACMCONQN VALUE. SOCKETS ARE CLOSED ONLY ON A MEMBER OF A DATA SHARING GROUP.

Secondary segment: **SMF100_System**

Field Name	Type	Len	Description
<i>SMF100_System.<fieldname></i>			
zLNCP	INT	4	(IBM name: QWOSLNCP) NUMBER OF STANDARD CENTRAL PROCESSORS (CPS) IN THE LPAR AT THE END OF THE DEFINED MONITOR III GATHERER INTERVAL (MINTIME). THIS VALUE DOES NOT INCLUDE ZIIPS. THIS VALUE IS FROM RMF FIELD CPUG3_PRCON.
zLPRU	INT	4	(IBM name: QWOSLPRU) THE PERCENTAGE OF THE MINTIME TIME INTERVAL DURING
zDB2U	INT	4	(IBM name: QWOSDB2U) THE PERCENTAGE OF THE MINTIME TIME INTERVAL DURING WHICH RMF REPORTED THAT ALL DB2 ADDRESS SPACES WERE IN USE, CALCULATED FOR A SINGLE PROCESSOR.
zMSTU	INT	4	(IBM name: QWOSMSTU) THE PERCENTAGE OF THE MINTIME TIME INTERVAL DURING WHICH RMF REPORTED THAT THE DB2 MSTR ADDRESS SPACE WAS IN USE, CALCULATED FOR A SINGLE PROCESSOR.
zDBMU	INT	4	(IBM name: QWOSDBMU) THE PERCENTAGE OF THE MINTIME TIME INTERVAL DURING WHICH RMF REPORTED THAT THE DB2 DBM1 ADDRESS SPACE WAS IN USE, CALCULATED FOR A SINGLE PROCESSOR.
zLPIR	INT	4	(IBM name: QWOSLPIR) PAGE-IN RATE (%) FOR THE LPAR. THIS VALUE IS ALWAYS SET TO 0.

zDPIR	INT	4	(IBM name: QWOSDPIR) PAGE-IN RATE (%) FOR THE DB2 SUBSYSTEM. THIS VALUE IS SET TO 0.
zLRST	INT	4	(IBM name: QWOSLRST) TOTAL REAL STORAGE IN THE LPAR, IN MB. THIS VALUE IS DERIVED FROM RMF FIELD GEIRPOOL_VE, WHICH IS THE NUMBER OF ONLINE REAL STORAGE FRAMES.
zLRSF	INT	4	(IBM name: QWOSLSRF) FREE REAL STORAGE IN THE LPAR, IN MB. THIS VALUE IS DERIVED FROM RMF FIELD GEIRAFRC, WHICH IS THE NUMBER OF AVAILABLE REAL STORAGE FRAMES.
zDRSU	INT	4	(IBM name: QWOSDRSU) REAL STORAGE USED BY DB2 SUBSYSTEMS, IN MB. THIS VALUE IS THE SUM OF THE FOLLOWING VALUES FOR ALL DB2 ADDRESS SPACES IN THE LPAR, CONVERTED TO MB: - THE NUMBER OF FRAMES FOR SWAPPED-IN USERS. THIS VALUE IS DERIVED FROM RMF FIELD ASIFMCT_VE. - THE NUMBER OF FRAMES FOR IDLE USERS. THIS VALUE IS DERIVED FROM RMF FIELD ASIFMCTI_VE.
zLVST	INT	4	(IBM name: QWOSLVST) TOTAL VIRTUAL STORAGE IN THE LPAR, IN MB. THIS VALUE IS THE SUM OF THE FOLLOWING VALUES FOR ALL ADDRESS SPACES IN THE LPAR: - THE NUMBER OF FRAMES FOR SWAPPED-IN USERS. THIS VALUE IS DERIVED FROM RMF FIELD ASIFMCT_VE. - THE NUMBER OF FRAMES FOR IDLE USERS. THIS VALUE IS DERIVED FROM RMF FIELD ASIFMCTI_VE. - THE NUMBER OF AUXILIARY SLOTS. THIS VALUE IS DERIVED FROM RMF FIELD ASIAUXSC_VE.
zLVSF	INT	4	(IBM name: QWOSLVSF) FREE VIRTUAL STORAGE IN THE LPAR, IN MB. THIS VALUE IS THE SUM OF THE FOLLOWING VALUES, CONVERTED TO MB: - THE FREE REAL STORAGE IN THE LPAR (QWOSLSRF). - THE NUMBER OF CURRENTLY AVAILABLE SLOTS (RMF FIELD GEISLTA).
zDVSU	INT	4	(IBM name: QWOSDVSU) VIRTUAL STORAGE USED BY DB2 SUBSYSTEMS, IN MB. THIS VALUE IS THE SUM OF THE FOLLOWING VALUES FOR ALL DB2 ADDRESS SPACES IN THE LPAR, CONVERTED TO MB: - THE NUMBER OF FRAMES FOR SWAPPED-IN USERS. THIS VALUE IS DERIVED FROM RMF FIELD ASIFMCT_VE. - THE NUMBER OF FRAMES FOR IDLE USERS. THIS VALUE IS DERIVED FROM RMF FIELD ASIFMCTI_VE.
zLUIC	INT	4	(IBM name: QWOSLUIC) UNREFERENCED INTERVAL COUNT (UIC). THIS VALUE IS RMF FIELD GEIAHUIC_VE.
zFLG	CHAR	1	(IBM name: QWOSFLG) STATUS FLAG FOR THE RMF API CALL.
zFLG1	CHAR	1	(IBM name: QWOSFLG1) FLAG BYTE:
zRCDE	INT	4	(IBM name: QWOSRCDE) RETURN CODE FROM THE RMF API CALL.
zRSNC	INT	4	(IBM name: QWOSRSNC) REASON CODE FROM THE RMF API CALL.
zREAL	INT	8	(IBM name: QWOSREAL) TOTAL REAL STORAGE IN THE LPAR, IN MB. THIS VALUE IS DERIVED FROM RMF FIELD GEIRSTRF, WHICH IS THE NUMBER OF ONLINE REAL STORAGE FRAMES. THIS VALUE IS VALID WHEN QWOSREALVAL IS ON.

Secondary segment: **SMF100_WS1_Triplets**

Field Name	Type	Len	Description
<i>SMF100_WS1_Triplets.<fieldname></i>			
zXSTo	INT	4	
zXSTI	INT	2	

zXSTn	INT	2	
zTSTo	INT	4	
zTSTI	INT	2	
zTSTn	INT	2	
zBSTo	INT	4	
zBSTI	INT	2	
zBSTn	INT	2	
zISTo	INT	4	
zISTI	INT	2	
zISTn	INT	2	
zTXAo	INT	4	
zTXAI	INT	2	
zTXAn	INT	2	
zISEo	INT	4	
zISEI	INT	2	
zISEn	INT	2	
zBGLo	INT	4	
zBGLI	INT	2	
zBGLn	INT	2	
zTGSo	INT	4	
zTGSI	INT	2	
zTGSn	INT	2	
zLESo	INT	4	
zLESI	INT	2	
zLESn	INT	2	
zISJo	INT	4	
zISJI	INT	2	
zISJn	INT	2	
z8STo	INT	4	
z8STI	INT	2	
z8STn	INT	2	
zBSPo	INT	4	
zBSPI	INT	2	
zBSPn	INT	2	

Secondary segment: SMF100_RDS

Field Name	Type	Len	Description
<i>SMF100_RDS.<fieldname></i>			
SMF100_RDS.zHEAD.<fieldname>			
zID	INT	2	(IBM name: QXID) CONTROL BLOCK ID.

zLEN	INT	2	(IBM name: QXLEN) CONTROL BLOCK LENGTH.
zEYE	CHAR	4	(IBM name: QXEYE) CONTROL BLOCK EYE CATCHER.

SMF100_RDS.zStats01.<fieldname>

zSELECT	INT	8	(IBM name: QXSELECT) NUMBER OF EMBEDDED SQL SELECT STATEMENTS.
zINSRT	INT	8	(IBM name: QXINSRT) NUMBER OF SQL INSERT STATEMENTS.
zUPDTE	INT	8	(IBM name: QXUPDTE) NUMBER OF SQL UPDATE STATEMENTS.
zDELET	INT	8	(IBM name: QXDELET) NUMBER OF SQL DELETE STATEMENTS.
zDESC	INT	8	(IBM name: QXDESC) NUMBER OF SQL DESCRIBE STATEMENTS.
zPREP	INT	8	(IBM name: QXPREP) NUMBER OF SQL PREPARE STATEMENTS. THIS NUMBER AT THE SERVING LOCATION MIGHT NOT NECESSARILY MATCH THE USER APPLICATION BECAUSE OF DDF'S INTERNAL PROCESSING.
zOPEN	INT	8	(IBM name: QXOPEN) NUMBER OF SQL OPEN STATEMENTS.
zCLOSE	INT	8	(IBM name: QXCLOSE) NUMBER OF SQL CLOSE STATEMENTS. THIS NUMBER AT THE SERVING LOCATION MIGHT NOT NECESSARILY MATCH THE USER APPLICATION BECAUSE OF DDF'S INTERNAL PROCESSING.

SMF100_RDS.zStats02.<fieldname>

zCRTAB	INT	8	(IBM name: QXCRTAB) NUMBER OF SQL CREATE TABLE STATEMENTS.
zCRINX	INT	8	(IBM name: QXCRINX) NUMBER OF SQL CREATE INDEX STATEMENTS.
zCTABS	INT	8	(IBM name: QXCTABS) NUMBER OF SQL CREATE TABLESPACE STATEMENTS.
zCRSYN	INT	8	(IBM name: QXCRSYN) NUMBER OF SQL CREATE SYNONYM STATEMENTS.
zCRDAB	INT	8	(IBM name: QXCRDAB) NUMBER OF SQL CREATE DATABASE STATEMENTS.
zCRSTG	INT	8	(IBM name: QXCRSTG) NUMBER OF SQL CREATE STOGROUP STATEMENTS.
zDEFVU	INT	8	(IBM name: QXDEFVU) NUMBER OF SQL CREATE VIEW STATEMENTS.
zDRPIX	INT	8	(IBM name: QXDRPIX) NUMBER OF SQL DROP INDEX STATEMENTS.
zDRPTA	INT	8	(IBM name: QXDRPTA) NUMBER OF SQL DROP TABLE STATEMENTS.
zDRPTS	INT	8	(IBM name: QXDRPTS) NUMBER OF SQL DROP TABLESPACE STATEMENTS.
zDRPDB	INT	8	(IBM name: QXDRPDB) NUMBER OF SQL DROP DATABASE STATEMENTS.
zDRPSY	INT	8	(IBM name: QXDRPSY) NUMBER OF SQL DROP SYNONYM STATEMENTS.
zDRPST	INT	8	(IBM name: QXDRPST) NUMBER OF SQL DROP STOGROUP STATEMENTS.
zDRPVU	INT	8	(IBM name: QXDRPVU) NUMBER OF SQL DROP VIEW STATEMENTS.

SMF100_RDS.zStats03.<fieldname>			
zALTST	INT	8	(IBM name: QXALTST) NUMBER OF SQL ALTER STOGROUP STATEMENTS.
zFETCH	INT	8	(IBM name: QXFETCH) NUMBER OF SQL FETCH STATEMENTS. THIS NUMBER AT THE SERVER LOCATION MIGHT NOT NECESSARILY MATCH THE USER APPLICATION BECAUSE OF DDF'S INTERNAL PROCESSING.
zALTTS	INT	8	(IBM name: QXALTTS) NUMBER OF SQL ALTER TABLESPACE STATEMENTS.
zALTTA	INT	8	(IBM name: QXALTTA) NUMBER OF SQL ALTER TABLE STATEMENTS.
zALTIX	INT	8	(IBM name: QXALTIX) NUMBER OF SQL ALTER INDEX STATEMENTS.
zCMTON	INT	8	(IBM name: QXCMTON) NUMBER OF SQL COMMENT ON STATEMENTS.
zLOCK	INT	8	(IBM name: QXLOCK) NUMBER OF SQL LOCK TABLE STATEMENTS.
zGRANT	INT	8	(IBM name: QXGRANT) NUMBER OF SQL GRANT STATEMENTS.
zREVOK	INT	8	(IBM name: QXREVOK) NUMBER OF SQL REVOKE STATEMENTS.
zINCRB	INT	8	(IBM name: QXINCRB) NUMBER OF INCREMENTAL REBINDS (EXCLUDING PREPARE). AN SQL STATEMENT WITH 'BIND VALIDATE(RUN)' THAT FAILS AT BIND TIME AND IS BOUND AGAIN AT EXECUTION TIME.
zLABON	INT	8	(IBM name: QXLABON) NUMBER OF SQL LABEL ON STATEMENTS.
zSETSQL	INT	8	(IBM name: QXSETSQL) NUMBER OF SQL SET CURRENT SQLID STATEMENTS.
zCRALS	INT	8	(IBM name: QXCRALS) NUMBER OF SQL CREATE ALIAS STATEMENTS.
zDRPAL	INT	8	(IBM name: QXDRPAL) NUMBER OF SQL DROP ALIAS STATEMENTS.

SMF100_RDS.zStats04.<fieldname>			
zMIAP	INT	8	(IBM name: QXMIAP) NUMBER OF TIMES RID LIST (ALSO CALLED RID POOL) PROCESSING IS USED. DURING RID (RECORD ID) LIST PROCESSING, DB2 USES AN INDEX TO PRODUCE A LIST OF CANDIDATE RIDS, WHICH IS CALLED A RID LIST. THE RID LIST CAN BE SORTED AND INTERSECTED (ANDED) OR UNIONED (ORED) WITH OTHER RID LISTS BEFORE ACTUALLY ACCESSING THE DATA PAGES. RID LIST PROCESSING IS USED FOR A SINGLE INDEX (INDEX ACCESS WITH LIST PREFETCH) OR FOR MULTIPLE INDEXES (MULTIPLE INDEX ACCESS), WHICH IS WHEN THE ANDING AND ORING OF RID LISTS OCCURS. THIS FIELD IS INCREMENTED WHEN RID LIST PROCESSING IS USED FOR INDEX ACCESS WITH LIST PREFETCH AND/OR FOR MULTIPLE INDEX ACCESS. FOR MULTIPLE INDEX ACCESS, IF A FINAL RID LIST IS OBTAINED THROUGH ANDING AND ORING OF RID LISTS, THE COUNTER IS INCREMENTED ONCE, EVEN IF RIDS FROM ALL INDEXES IN THE MULTIPLE INDEX ACCESS WERE NOT USED.
zNSMIAP	INT	8	(IBM name: QXNSMIAP) NUMBER OF TIMES THAT A RID LIST WAS NOT USED FOR INDEX ACCESS WITH LIST PREFETCH OR MULTIPLE INDEX ACCESS BECAUSE NO STORAGE WAS AVAILABLE TO HOLD RID LIST, OR WORK FILE STORAGE OR RESOURCES WERE NOT AVAILABLE.
zMRMIAP	INT	8	(IBM name: QXMRMIAP) NUMBER OF TIMES THAT A RID LIST WAS NOT USED FOR INDEX ACCESS WITH LIST PREFETCH OR MULTIPLE INDEX

			ACCESS BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS, AND THE NUMBER OF RID BLOCKS EXCEEDED THE VALUE OF SUBSYSTEM PARAMETER MAXTEMPS_RID.
SMF100_RDS.zStats05.<fieldname>			
zSETHV	INT	8	(IBM name: QXSETHV) TOTAL NUMBER OF SQL SET HOST VARIABLE STATEMENTS. THE SPECIAL REGISTER THAT WAS RETRIEVED IS NOT TRACKED. SEE CHAPTER 3 OF SQL REFERENCE FOR A LIST OF SPECIAL REGISTERS.
zALDAB	INT	8	(IBM name: QXALDAB) NUMBER OF SQL ALTER DATABASE STATEMENTS.
zDRPPKG	INT	8	(IBM name: QXDRPPKG) NUMBER OF SQL DROP PACKAGE STATEMENTS.
zDSCRTB	INT	8	(IBM name: QXDSCRTB) NUMBER OF SQL DESCRIBE TABLE STATEMENTS.
SMF100_RDS.zStats06.<fieldname>			
zMAXDEG	INT	8	(IBM name: QXMAXDEG) MAXIMUM DEGREE OF PARALLEL PROCESSING EXECUTED AMONG ALL PARALLEL GROUPS. THIS FIELD INDICATES THE EXTENT TO TO WHICH QUERIES WERE PROCESSED IN PARALLEL.
zTOTGRP	INT	8	(IBM name: QXTOTGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT WERE EXECUTED.
zDEGCUR	INT	8	(IBM name: QXDEGCUR) TOTAL NUMBER OF PARALLEL GROUPS THAT FELL BACK TO SEQUENTIAL OPERATION BECAUSE OF A CURSOR THAT CAN BE USED FOR UPDATE OR DELETE.
zDEGESA	INT	8	(IBM name: QXDEGESA) TOTAL NUMBER OF PARALLEL GROUPS THAT FELL BACK TO SEQUENTIAL OPERATION BECAUSE OF A LACK OF ESA SORT SUPPORT.
zDEGBUF	INT	8	(IBM name: QXDEGBUF) TOTAL NUMBER OF PARALLEL GROUPS THAT HAVE A PLANNED DEGREE GREATER THAN ONE AT RUN TIME, BUT FALL BACK TO SEQUENTIAL MODE BECAUSE OF STORAGE SHORTAGE OR CONTENTION ON THE BUFFER POOL.
zREDGRP	INT	8	(IBM name: QXREDGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT HAVE A PLANNED DEGREE GREATER THAN ONE AT RUN TIME, BUT WERE PROCESSED TO A PARALLEL DEGREE LESS THAN PLANNED BECAUSE OF A STORAGE SHORTAGE OR CONTENTION ON THE BUFFER POOL. IF THIS FIELD IS NOT ZERO, INCREASE THE SIZE OF THE CURRENT BUFFER POOL BY USING THE ALTER BUFFERPOOL COMMAND, OR USE THE ALTER TABLESPACE STATEMENT TO ASSIGN TABLE SPACES ACCESSED BY THIS QUERY TO A DIFFERENT BUFFER POOL.
zNORGRP	INT	8	(IBM name: QXNORGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT EXECUTED IN THE PLANNED PARALLEL DEGREE. THIS FIELD IS INCREMENTED BY ONE FOR EACH PARALLEL GROUP THAT EXECUTED WITH THE PLANNED DEGREE OF PARALLEL PROCESSING (AS DETERMINED BY DB2).
SMF100_RDS.zStats07.<fieldname>			
zCON1	INT	8	(IBM name: QXCON1) THE NUMBER OF CONNECT TYPE 1 STATEMENTS THAT WERE EXECUTED.
zCON2	INT	8	(IBM name: QXCON2) THE NUMBER OF CONNECT TYPE 2 STATEMENTS THAT WERE EXECUTED.
zREL	INT	8	

			(IBM name: QXREL) NUMBER OF RELEASE STATEMENTS THAT WERE EXECUTED.
zSETCON	INT	8	(IBM name: QXSETCON) NUMBER OF SET CONNECTION STATEMENTS THAT WERE EXECUTED.
zSETCDG	INT	8	(IBM name: QXSETCDG) NUMBER OF SET CURRENT DEGREE STATEMENTS THAT WERE EXECUTED.
zSETCRL	INT	8	(IBM name: QXSETCRL) NUMBER OF SET CURRENT RULES STATEMENTS THAT WERE EXECUTED.
zCALL	INT	8	(IBM name: QXCALL) NUMBER OF SQL CALL STATEMENTS THAT WERE EXECUTED.
zCALLAB	INT	8	(IBM name: QXCALLAB) NUMBER OF TIMES A STORED PROCEDURE TERMINATED ABNORMALLY.
zCALLTO	INT	8	(IBM name: QXCALLTO) NUMBER OF TIMES AN SQL CALL STATEMENT TIMED OUT WHILE WAITING TO BE SCHEDULED.
zCALLRJ	INT	8	(IBM name: QXCALLRJ) NUMBER OF TIMES AN SQL CALL STATEMENT WAS REJECTED BECAUSE THE PROCEDURE WAS IN THE 'STOP ACTION(REJECT)' STATE.

SMF100_RDS.zQXSTFlg.<fieldname>

zRLFDPA	HEX	1	(IBM name: QXRLFDPA) IF THIS BYTE IS NOT 0, QUERY PARALLELISM WAS DISABLED BY THE RESOURCE LIMIT FACILITY FOR AT LEAST ONE DYNAMIC SELECT STATEMENT IN THIS THREAD. SEE IFCID 0022 RECORDS FOR DETAILED INFORMATION ABOUT THE STATEMENTS FOR WHICH QUERY PARALLELISM WAS DISABLED. THIS FLAG APPLIES ONLY TO IFCID 0003.
---------	-----	---	---

SMF100_RDS.zStats08.<fieldname>

zCOORNO	INT	8	(IBM name: QXCOORNO) TOTAL NUMBER OF PARALLEL GROUPS EXECUTED ON A SINGLE DB2 DUE TO ONE OF THE FOLLOWING REASONS: 1) WHEN THE PLAN OR PACKAGE WAS BOUND, THE COORDINATOR SUBSYSTEM PARAMETER WAS SET TO YES, BUT THE PARAMETER IS SET TO NO WHEN THE PROGRAM RUNS. 2) THE PLAN OR PACKAGE WAS BOUND ON A DB2 WITH THE COORDINATOR SUBSYSTEM PARAMETER SET TO YES, BUT THE PROGRAM IS BEING RUN ON A DIFFERENT DB2 THAT HAS THE COORDINATOR VALUE SET TO NO.
zISORR	INT	8	(IBM name: QXISORR) TOTAL NUMBER OF PARALLEL GROUPS EXECUTED ON A SINGLE DB2 BECAUSE THE PLAN OR PACKAGE WAS BOUND WITH AN ISOLATION VALUE OF REPEATABLE READ OR READ STABILITY.
zCRGTT	INT	8	(IBM name: QXCRGTT) NUMBER OF SQL CREATE GLOBAL TEMPORARY TABLE STATEMENTS.
zSTREOP	INT	8	(IBM name: QXSTREOP) NUMBER OF TIMES THAT REOPTIMIZATION FOR HOST VARIABLES OCCURRED. THIS FIELD DOES NOT APPLY TO IFCID 0002.
zXCBPX	INT	8	(IBM name: QXXCBPX) THE TOTAL NUMBER OF PARALLEL GROUPS THAT DB2 INTENDED TO RUN ACROSS THE DATA SHARING GROUP. THIS COUNT IS ONLY INCREMENTED ON THE PARALLELISM COORDINATOR AT RUN TIME.

SMF100_RDS.zStats08.zStats08Len1496.<fieldname>

zXCSKIP	INT	8	(IBM name: QXXCSKIP) THE NUMBER OF TIMES THAT THE PARALLELISM
---------	-----	---	--

			COORDINATOR HAD TO BYPASS A DB2 WHEN DISTRIBUTING TASKS BECAUSE THERE WAS NOT ENOUGH BUFFER POOL STORAGE ON ONE OR MORE DB2 MEMBERS. THIS FIELD IS INCREMENTED ONLY ON THE PARALLELISM COORDINATOR, AND IT IS INCREMENTED ONLY ONCE PER PARALLEL GROUP, EVEN THOUGH IT IS POSSIBLE THAT MORE THAN ONE DB2 HAS A BUFFER POOL SHORTAGE FOR THAT PARALLEL GROUP. THE PURPOSE OF THIS COUNT IS TO INDICATE WHEN THERE ARE NOT ENOUGH BUFFERS ON A MEMBER. THEREFORE, THIS COUNT IS INCREMENTED ONLY WHEN THE BUFFER POOL IS DEFINED TO ALLOW PARALLELISM. FOR EXAMPLE, IF VPXPSEQT=0 ON AN ASSISTANT, THEN DB2 DOES NOT SEND PARALLEL WORK THERE, BUT THIS COUNT IS NOT INCREMENTED.
zALOCL	INT	8	(IBM name: QXALOCL) THE NUMBER OF ASSOCIATE LOCATOR STATEMENTS EXECUTED.
zALOCC	INT	8	(IBM name: QXALOCC) THE NUMBER OF ALLOCATE CURSOR STATEMENTS EXECUTED.
zSTFND	INT	8	(IBM name: QXSTFND) NUMBER OF TIMES THAT A PREPARE REQUEST WAS SATISFIED BY MAKING A COPY OF THE STABILIZED STATEMENT IN SYSIBM.SYSDYNQRY.
zSTNFND	INT	8	(IBM name: QXSTNFND) THE NUMBER OF TIMES THAT DB2 SEARCHED THE PREPARED STATEMENT CACHE BUT COULD NOT FIND A SUITABLE PREPARED STATEMENT.
zSTIPRP	INT	8	(IBM name: QXSTIPRP) THE NUMBER OF TIMES THAT DB2 DID AN IMPLICIT PREPARE FOR A STATEMENT BOUND WITH KEEPYNAMIC(YES) BECAUSE THE PREPARED STATEMENT CACHE DID NOT CONTAIN A VALID COPY OF THE PREPARED STATEMENT.
zSTNPRP	INT	8	(IBM name: QXSTNPRP) THE NUMBER OF TIMES THAT DB2 DID NOT PREPARE A STATEMENT BOUND WITH KEEPYNAMIC(YES) BECAUSE THE PREPARED STATEMENT CACHE CONTAINED A VALID COPY OF THE PREPARED STATEMENT.
zSTDEXP	INT	8	(IBM name: QXSTDEXP) THE NUMBER OF TIMES THAT DB2 DISCARDED A PREPARED STATEMENT FROM THE PREPARED STATEMENT CACHE BECAUSE THE NUMBER OF PREPARED STATEMENTS IN THE CACHE EXCEEDED THE VALUE OF SUBSYSTEM PARAMETER MAXKEEPD.
zSTDINV	INT	8	(IBM name: QXSTDINV) THE NUMBER OF TIMES THAT DB2 DISCARDED A PREPARED STATEMENT FROM THE PREPARED STATEMENT CACHE BECAUSE A PROGRAM EXECUTED A DROP, ALTER, OR REVOKE STATEMENT OR RAN RUNSTATS AGAINST A DEPENDENT OBJECT.

SMF100_RDS.zLen1496Data.<fieldname>
SMF100_RDS.zLen1496Data.zStats09.<fieldname>

zRNTAB	INT	8	(IBM name: QXRNTAB) NUMBER OF SQL RENAME TABLE STATEMENTS.
zCTRIG	INT	8	(IBM name: QXCTRIG) NUMBER OF SQL CREATE TRIGGER STATEMENTS.
zDRPTR	INT	8	(IBM name: QXDRPTR) NUMBER OF SQL DROP TRIGGER STATEMENTS.
zSETPTH	INT	8	(IBM name: QXSETPTH) NUMBER OF SQL SET CURRENT PATH STATEMENTS.
zDRPFN	INT	8	(IBM name: QXDRPFN) NUMBER OF DROP UDF STATEMENTS.
zDRPPR	INT	8	(IBM name: QXDRPPR) NUMBER OF DROP PROCEDURE STATEMENTS.

zCDIST	INT	8	(IBM name: QXCDIST) NUMBER OF CREATE DISTINCT TYPE STATEMENTS.
zDDIST	INT	8	(IBM name: QXDDIST) NUMBER OF DROP DISTINCT TYPE STATEMENTS.
zCRUDF	INT	8	(IBM name: QXCRUDF) NUMBER OF CREATE FUNCTION STATEMENTS.
zCRPRO	INT	8	(IBM name: QXCRPRO) NUMBER OF CREATE PROCEDURE STATEMENTS.
zHOLDL	INT	8	(IBM name: QXHOLDL) NUMBER OF HOLD LOCATOR STATEMENTS.
zFREEL	INT	8	(IBM name: QXFREEL) NUMBER OF FREE LOCATOR STATEMENTS.

SMF100_RDS.zLen1496Data.zStats10.<fieldname>

zREPOP1	INT	8	(IBM name: QXREPOP1) NOT USED. NOT USED.
zREPOP2	INT	8	(IBM name: QXREPOP2) NOT USED. NOT USED.
zCRATB	INT	8	(IBM name: QXCRATB) THE NUMBER OF CREATE AUXILIARY TABLE STATEMENTS. THE NUMBER OF CREATE AUXILIARY TABLE STATEMENTS.
zSTLOBV	INT	8	(IBM name: QXSTLOBV) MAXIMUM STORAGE USED FOR LOB VALUES, IN MEGABYTES. MAXIMUM STORAGE USED FOR LOB VALUES, IN KILOBYTES.
zALUDF	INT	8	(IBM name: QXALUDF) THE NUMBER OF ALTER FUNCTION STATEMENTS. THE NUMBER OF ALTER FUNCTION STATEMENTS.
zALPRO	INT	8	(IBM name: QXALPRO) THE NUMBER OF ALTER PROCEDURE STATEMENTS. THE NUMBER OF ALTER PROCEDURE STATEMENTS.
zROIMAT	INT	8	(IBM name: QXROIMAT) NUMBER OF TIMES THAT DB2 USED DIRECT ROW ACCESS TO LOCATE A RECORD. NUMBER OF TIMES THAT DB2 USED DIRECT ROW ACCESS TO LOCATE A RECORD.
zROIIDX	INT	8	(IBM name: QXROIIDX) NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING AN INDEX TO LOCATE A RECORD. NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING AN INDEX TO LOCATE A RECORD.
zROITS	INT	8	(IBM name: QXROITS) NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING A TABLE SPACE SCAN TO LOCATE A RECORD. NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING A TABLE SPACE SCAN TO LOCATE A RECORD.

SMF100_RDS.zLen1496Data.zStats11.<fieldname>

zSTTRG	INT	8	(IBM name: QXSTTRG) NUMBER OF TIMES A STATEMENT TRIGGER IS ACTIVATED. NUMBER OF TIMES A STATEMENT TRIGGER IS ACTIVATED.
zROWTRG	INT	8	(IBM name: QXROWTRG) NUMBER OF TIMES A ROW TRIGGER IS ACTIVATED. NUMBER OF TIMES A ROW TRIGGER IS ACTIVATED.
zTRGERR	INT	8	(IBM name: QXTRGERR) NUMBER OF TIMES AN SQL ERROR OCCURRED DURING EXECUTION OF A TRIGGERED ACTION. NUMBER OF TIMES AN SQL ERROR OCCURRED DURING EXECUTION OF A TRIGGERED ACTION.
zCASCDP	INT	8	(IBM name: QXCASCDP) MAXIMUM LEVEL OF NESTED SQL CASCADING DUE TO TRIGGERS, USER-DEFINED FUNCTIONS, AND STORED

			PROCEDURES. MAXIMUM LEVEL OF NESTED SQL CASCADING DUE TO TRIGGERS, USER-DEFINED FUNCTIONS, AND STORED PROCEDURES. MAXIMUM LEVEL OF NESTED SQL CASCADING DUE TO TRIGGERS, USER-DEFINED FUNCTIONS, AND STORED PROCEDURES.
zCAUD	INT	8	(IBM name: QXCAUD) THE NUMBER OF USER-DEFINED FUNCTIONS EXECUTED. THE NUMBER OF USER-DEFINED FUNCTIONS EXECUTED.
zCAUDAB	INT	8	(IBM name: QXCAUDAB) THE NUMBER OF TIMES A USER-DEFINED FUNCTION ABENDED. THE NUMBER OF TIMES A USER-DEFINED FUNCTION ABENDED.
zCAUDTO	INT	8	(IBM name: QXCAUDTO) THE NUMBER OF TIMES A USER-DEFINED FUNCTION TIMED OUT WAITING TO BE SCHEDULED. THE NUMBER OF TIMES A USER-DEFINED FUNCTION TIMED OUT WAITING TO BE SCHEDULED.
zCAUDRJ	INT	8	(IBM name: QXCAUDRJ) THE NUMBER OF TIMES A USER-DEFINED FUNCTION WAS REJECTED. THE NUMBER OF TIMES A USER-DEFINED FUNCTION WAS REJECTED.

SMF100_RDS.zLen1496Data.zStats12.<fieldname>			
zSETCPR	INT	8	(IBM name: QXSETCPR) THE NUMBER OF SET CURRENT PRECISION STATEMENTS EXECUTED. THE NUMBER OF SET CURRENT PRECISION STATEMENTS EXECUTED.
zDCLGTT	INT	8	(IBM name: QXDCLGTT) THE NUMBER OF SQL DECLARE GLOBAL TEMPORARY TABLE STATEMENTS. THE NUMBER OF SQL DECLARE GLOBAL TEMPORARY TABLE STATEMENTS.
zDEGDTT	INT	8	(IBM name: QXDEGDTT) THE TOTAL NUMBER OF PARALLEL GROUPS THAT ARE PART OF A QUERY BLOCK THAT USES A USER-DEFINED FUNCTION AND IS EXECUTED ON A SINGLE DB2 DUE TO THE EXISTENCE OF A DECLARED TEMPORARY TABLE IN THE APPLICATION PROCESS. NEITHER THE QUERY BLOCK NOR THE PARALLEL GROUP REFERENCES A DECLARED TEMPORARY TABLE, AND THE PARALLEL GROUP MIGHT OR MIGHT NOT USE A USER-DEFINED FUNCTION. THE TOTAL NUMBER OF PARALLEL GROUPS THAT ARE PART OF A QUERY BLOCK THAT USES A USER-DEFINED FUNCTION AND IS EXECUTED ON A SINGLE DB2 DUE TO THE EXISTENCE OF A DECLARED TEMPORARY TABLE IN THE APPLICATION PROCESS. NEITHER THE QUERY BLOCK NOR THE PARALLEL GROUP REFERENCES A DECLARED TEMPORARY TABLE, AND THE PARALLEL GROUP MIGHT OR MIGHT NOT USE A USER-DEFINED FUNCTION.
zCRESEQ	INT	8	(IBM name: QXCRESEQ) NUMBER OF CREATE SEQUENCE STATEMENTS. NUMBER OF CREATE SEQUENCE STATEMENTS.
zALTSEQ	INT	8	(IBM name: QXALTSEQ) NUMBER OF ALTER SEQUENCE STATEMENTS. NUMBER OF ALTER SEQUENCE STATEMENTS.
zDROSEQ	INT	8	(IBM name: QXDROSEQ) NUMBER OF DROP SEQUENCE STATEMENTS. NUMBER OF DROP SEQUENCE STATEMENTS.
zPRRESI	INT	8	(IBM name: QXPRRESI) NUMBER OF PREPARE STATEMENTS FOR WHICH THE USE OF INDEXES WAS RESTRICTED BECAUSE THE INDEXES WERE IN A PENDING STATE. NUMBER OF PREPARE STATEMENTS FOR WHICH THE USE OF INDEXES WAS RESTRICTED BECAUSE THE INDEXES WERE IN A PENDING STATE.
zALTVW	INT	8	(IBM name: QXALTVW) NUMBER OF ALTER VIEW STATEMENTS.
zALTJR	INT	8	(IBM name: QXALTJR) NUMBER OF ALTER JAR STATEMENTS.
zMERGE	INT	8	

			(IBM name: QXMERGE) NUMBER OF MERGE STATEMENTS.
zTRTBL	INT	8	(IBM name: QXTRTBL) NUMBER OF TRUNCATE TABLE STATEMENTS.

SMF100_RDS.zLen1496Data.zStats13.<fieldname>

zCRROL	INT	8	(IBM name: QXCRROL) NUMBER OF CREATE ROLE STATEMENTS.
zDRPROL	INT	8	(IBM name: QXDRPROL) NUMBER OF DROP ROLE STATEMENTS.
zCRCTX	INT	8	(IBM name: QXCRCTX) NUMBER OF CREATE TRUSTED CONTEXT STATEMENTS.
zALTCTX	INT	8	(IBM name: QXALTCTX) NUMBER OF ALTER TRUSTED CONTEXT STATEMENTS.
zDRPCTX	INT	8	(IBM name: QXDRPCTX) NUMBER OF DROP TRUSTED CONTEXT STATEMENTS.
zRNIX	INT	8	(IBM name: QXRNIX) NUMBER OR RENAME INDEX STATEMENTS.
zSTXMLV	INT	8	(IBM name: QXSTXMLV) MAXIMUM AMOUNT OF STORAGE USED FOR XML VALUES.

SMF100_RDS.zLen1496Data.zStats14.<fieldname>

zRWSFETCHD	INT	8	(IBM name: QXRWSFETCHD) NUMBER OF ROWS FETCHED.
zRWSINSRTD	INT	8	(IBM name: QXRWSINSRTD) NUMBER OF ROWS INSERTED.
zRWSUPDTD	INT	8	(IBM name: QXRWSUPDTD) NUMBER OF ROWS UPDATED.
zRWSDELETD	INT	8	(IBM name: QXRWSDELETD) NUMBER OF ROWS DELETED.

SMF100_RDS.zLen1496Data.zStats15.<fieldname>

zSTCWLP	INT	8	(IBM name: QXSTCWLP) NUMBER OF TIMES THAT DB2 PARSED DYNAMIC STATEMENTS BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT FOR THE PREPARE OF THE STATEMENT FOR THE DYNAMIC STATEMENT CACHE.
zSTCWLR	INT	8	(IBM name: QXSTCWLR) NUMBER OF TIMES THAT DB2 REPLACED AT LEAST ONE LITERAL BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT FOR THE PREPARE OF THE STATEMENT. NUMBER OF TIMES THAT DB2 REPLACED AT LEAST ONE LITERAL BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT FOR THE PREPARE OF THE STATEMENT FOR THE DYNAMIC STATEMENT CACHE.
zSTCWLM	INT	8	(IBM name: QXSTCWLM) NUMBER OF TIMES THAT DB2 FOUND A MATCHING, REUSABLE COPY OF A DYNAMIC STATEMENT IN THE STATEMENT CACHE DURING THE PREPARE OF A STATEMENT THAT HAD LITERALS REPLACED BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT.
zSTCWLD	INT	8	(IBM name: QXSTCWLD) NUMBER OF TIMES THAT CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT, AND DB2 CREATED A DUPLICATE STATEMENT INSTANCE IN THE STATEMENT CACHE FOR A DYNAMIC STATEMENT THAT HAD LITERALS REPLACED. THE DUPLICATE STATEMENT WAS NEEDED BECAUSE A CACHE MATCH FAILED ONLY BECAUSE LITERAL REUSABILITY CRITERIA WERE NOT MET.

SMF100_RDS.zLen1496Data.zStats16.<fieldname>

zPFSLNUM	INT	8	
----------	-----	---	--

			(IBM name: QXPFSLNUM) (S)
zPFSENUM	INT	8	(IBM name: QXPFSENUM) (S)
zPFSENUMG	INT	8	(IBM name: QXPFSENUMG) (S)
zPFMAXU	INT	8	(IBM name: QXPFMAXU) (S)
zPFMAXUG	INT	8	(IBM name: QXPFMAXUG) (S)

SMF100_RDS.zLen1496Data.zStats17.<fieldname>

zWFRIDS	INT	8	(IBM name: QXWFRIDS) NUMBER OF TIMES THAT AN ATTEMPT WAS MADE TO OVERFLOW A RID LIST TO A WORK FILE BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS. IF THE ATTEMPT TO OVERFLOW RIDS TO A WORK FILE FAILS, EITHER DUE TO THE MAXTEMPS_RID OR MAXTEMPS SUBSYSTEM PARAMETER SETTINGS, OR DUE TO UNAVAILABLE WORK FILE RESOURCES, THE QXNSMIAP COUNTER IS INCREMENTED, INDICATING THAT THE RID LIST WAS NOT USED BECAUSE NO WORK FILE STORAGE WAS AVAILABLE.
zWFRIDT	INT	8	(IBM name: QXWFRIDT) NUMBER OF TIMES THAT AN ATTEMPT WAS MADE TO OVERFLOW A RID LIST TO A WORK FILE BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS. IF THE ATTEMPT TO OVERFLOW RIDS TO A WORK FILE FAILS, EITHER DUE TO THE MAXTEMPS_RID OR MAXTEMPS SUBSYSTEM PARAMETER SETTINGS, OR DUE TO UNAVAILABLE WORK FILE RESOURCES, THE QXNSMIAP COUNTER IS INCREMENTED, INDICATING THAT THE RID LIST WAS NOT USED BECAUSE NO WORK FILE STORAGE WAS AVAILABLE.
zHJINCS	INT	8	(IBM name: QXHJINCS) NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS.
zHJINCT	INT	8	(IBM name: QXHJINCT) NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.
zRSMIAP	INT	8	(IBM name: QXRSMIAP) NUMBER OF TIMES THAT RID LIST RETRIEVAL FOR MULTIPLE INDEX ACCESS WAS NOT DONE BECAUSE DB2 COULD DETERMINE THE OUTCOME OF INDEX ANDING OR ORING.

SMF100_RDS.zLen1496Data.zStats18.<fieldname>

zCREMP	INT	8	(IBM name: QXCREMP) NUMBER OF CREATE MASK OR CREATE PERMISSION STATEMENTS.
zDRPMP	INT	8	(IBM name: QXDRPMP) NUMBER OF DROP MASK OR DROP PERMISSION STATEMENTS.
zALTMP	INT	8	(IBM name: QXALTMP) NUMBER OF ALTER MASK OR ALTER PERMISSION STATEMENTS.

SMF100_RDS.zLen1496Data.zStats19.<fieldname>

zCRTSV	INT	8	(IBM name: QXCRTSV) NUMBER OF CREATE VARIABLE STATEMENTS.
zDRPSV	INT	8	(IBM name: QXDRPSV) NUMBER OF DROP VARIABLE STATEMENTS.
zDEGAT	INT	8	(IBM name: QXDEGAT) TOTAL NUMBER OF PARALLEL GROUPS THAT CHANGED TO SEQUENTIAL SEQUENTIAL MODE BECAUSE THEY WERE EXECUTING UNDER AND AUTONOMOUS PROCEDURE.

zSTARRAY_EXPANSIONS	INT	8	(IBM name: QXSTARRAY_EXPANSIONS) NUMBER OF TIMES THAT AN ARRAY VARIABLE WAS EXPANDED TO BE LARGER THAN 32KB.
---------------------	-----	---	---

SMF100_RDS.zLen1496Data.zStats20.<fieldname>

zSTOREDGRP	INT	8	(IBM name: QXSTOREDGRP) TOTAL NUMBER OF PARALLEL GROUPS FOR WHICH THE DEGREE OF PARALLELISM WAS REDUCED AS A RESULT OF PARALLEL SYSTEM NEGOTIATION BECAUSE SYSTEM RESOURCES WERE CONSTRAINED.
zSTODGNGRP	INT	8	(IBM name: QXSTODGNGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT CHANGED TO SEQUENTIAL MODE AS A RESULT OF PARALLEL SYSTEM NEGOTIATION BECAUSE SYSTEM RESOURCES WERE CONSTRAINED.
zMAXESTIDG	INT	8	(IBM name: QXMAXESTIDG) THE ESTIMATED MAXIMUM DEGREE OF PARALLELISM FOR A PARALLEL GROUP. THIS VALUE IS ESTIMATED AT BIND TIME, BASED ON THE COST FORMULA. IF A PARALLEL GROUP CONTAINS A HOST VARIABLE OR PARAMETER MARKER, THE ESTIMATE IS BASED ON ASSUMED VALUES.
zMAXPLANDG	INT	8	(IBM name: QXMAXPLANDG) THE PLANNED MAXIMUM DEGREE OF PARALLELISM FOR A PARALLEL GROUP. THIS VALUE IS THE OPTIMAL DEGREE OF PARALLELISM THAT CAN BE OBTAINED AT EXECUTION TIME, AFTER HOST VARIABLES OR PARAMETER MARKERS ARE RESOLVED, AND BEFORE BUFFER POOL NEGOTIATION AND SYSTEM NEGOTIATION ARE PERFORMED.
zPAROPT	INT	8	(IBM name: QXPAROPT) TOTAL NUMBER OF PARALLEL GROUPS THAT CHANGED TO SEQUENTIAL MODE DURING OPTIMIZATION, FOR REASONS SUCH AS: - THE RESULT OF EVALUATION OF A PARALLEL GROUP THAT ZERO ROWS ARE RETURNED. - A PARALLEL GROUP IS PARTITIONED ON A SINGLE RECORD.

SMF100_RDS.zLen1496Data.zStats21.<fieldname>

zN1093A	INT	8	(IBM name: QXN1093A) (S)
zN1093B	INT	8	(IBM name: QXN1093B) (S)

SMF100_RDS.zLen1496Data.zStats22.<fieldname>

zSISTOR	INT	8	(IBM name: QXSISTOR) THE NUMBER OF TIMES THAT A SPARSE INDEX WAS DISABLED BECAUSE OF INSUFFICIENT STORAGE.
zSIWF	INT	8	(IBM name: QXSIWF) THE NUMBER OF TIMES THAT A SPARSE INDEX BUILT A PHYSICAL WORK FILE FOR PROBING.

SMF100_RDS.zLen1496Data.zStats23.<fieldname>

zREFTBL	INT	8	(IBM name: QXREFTBL) NUMBER OF REFRESH TABLE STATEMENTS.
zTRNOWN	INT	8	(IBM name: QXTRNOWN) NUMBER OF TRANSFER OWNERSHIP STATEMENTS.

SMF100_RDS.zLen1496Data.zStats24.<fieldname>

zRSDMAD	INT	8	(IBM name: QXRSDMAD) NUMBER OF TIMES THAT DATA MANAGER WAS NOT CALLED FOR RID LIST RETRIEVAL FOR MULTIPLE INDEX ACCESS OR LIST PREFETCH. THE CALL WAS NOT NECESSARY BECAUSE RUNTIME ADAPTIVE INDEX PROCESSING COULD PREDETERMINE THE OUTCOME.
zR1BOAD	INT	8	(IBM name: QXR1BOAD) NUMBER OF TIMES THAT ONE BLOCK WAS PREFETCHED, BUT

			NO MORE BLOCKS WERE FETCHED.
--	--	--	------------------------------

SMF100_RDS.zLen1496Data.zStats25.<fieldname>			
zSTSFND	INT	8	(IBM name: QXSTSFND) THE NUMBER OF TIMES THAT DB2 SATISFIED A PREPARE REQUEST BY MAKING A COPY OF A STATEMENT IN THE PREPARED STATEMENT CACHE.

Secondary segment: SMF100_Service_Controller

Field Name	Type	Len	Description
<i>SMF100_Service_Controller.<fieldname></i>			
SMF100_Service_Controller.zHead.<fieldname>			
zID	INT	2	(IBM name: QTID) CONTROL BLOCK ID.
zLEN	INT	2	(IBM name: QTLEN) CONTROL BLOCK LENGTH.
zEYE	CHAR	4	(IBM name: QTEYE) CONTROL BLOCK EYE CATCHER.

SMF100_Service_Controller.zStats.<fieldname>			
zALLOCA	INT	4	(IBM name: QTALLOCA) PLAN ALLOCATION ATTEMPTS. THESE ARE REQUESTS TO ALLOCATE A BOUND PLAN FOR AN AGENT. THIS FIELD REPRESENTS THE NUMBER OF TIMES THE ATTACHMENT FACILITY REQUESTED THAT DB2 CREATE A THREAD FOR THE USER. THIS NUMBER DOES NOT INCLUDE ALLOCATIONS FOR DB2 SYSTEM AGENTS.
zALLOC	INT	4	(IBM name: QTALLOC) NUMBER OF SUCCESSFUL BOUND PLAN ALLOCATIONS. THIS FIELD REPRESENTS THE NUMBER OF ALLOCATION ATTEMPTS IDENTIFIED BY QTALLOCA THAT COMPLETED SUCCESSFULLY. PLAN ALLOCATION FAILURE CAN OCCUR IF THE PLAN WAS UNAVAILABLE OR NONEXISTENT.
zABINDA	INT	4	(IBM name: QTABINDA) NUMBER OF TIMES AUTOMATIC BIND WAS ATTEMPTED. THIS OCCURS WHEN THE PLAN WAS INVALIDATED BY MODIFICATIONS TO THE DECLARATIONS OF THE DATA REFERENCED BY THE PROGRAMS BOUND AS PART OF THE PLAN. FOR EXAMPLE, DROPPING AN INDEX WHEN IT IS USED IN THE PLAN RESULTS IN AUTOMATIC BIND. FOR INFORMATION ABOUT AUTOMATIC BIND, SEE 'AUTOMATIC REBINDING' IN APPLICATION PROGRAMMING AND SQL GUIDE.
zABIND	INT	4	(IBM name: QTABIND) NUMBER OF SUCCESSFUL AUTOMATIC BINDS. THIS REPRESENTS THE NUMBER OF AUTOMATIC BIND ATTEMPTS (QTABINDA) THAT COMPLETED SUCCESSFULLY.
zINVRID	INT	4	(IBM name: QTINVRID) AUTOMATIC BIND WITH INVALID RESOURCE IDS. THIS FIELD REPRESENTS THE SUM OF ALL PLAN AND PACKAGE ALLOCATION ATTEMPTS THAT FAILED BECAUSE A RESOURCE WAS UNAVAILABLE OR THE OBJECT DID NOT EXIST.
zBINDA	INT	4	(IBM name: QTBINDA) NUMBER OF BIND ADD SUBCOMMANDS ISSUED. THESE COMMANDS CAN BE EITHER SUCCESSFUL OR UNSUCCESSFUL. BOTH ARE COUNTED. THE SUM OF QTBINDA, QTBINDR, AND QTTESTB EQUALS THE TOTAL NUMBER OF BIND SUBCOMMANDS.
zBINDR	INT	4	(IBM name: QTBINDR) NUMBER OF BIND REPLACE SUBCOMMANDS ISSUED. THESE COMMANDS CAN BE EITHER SUCCESSFUL OR UNSUCCESSFUL. BOTH ARE COUNTED. THE SUM OF QTBINDA, QTBINDR, AND QTTESTB EQUALS THE TOTAL NUMBER OF BIND SUBCOMMANDS.

zTESTB	INT	4	(IBM name: QTTESTB) NUMBER OF BIND SUBCOMMANDS ISSUED WITHOUT A PLAN ID. THE SUM OF QTBINDA, QTBINDR, AND QTTESTB EQUALS THE TOTAL NUMBER OF BIND SUBCOMMANDS.
zPLNBD	INT	4	(IBM name: QTPLNBD) NUMBER OF PLANS SUCCESSFULLY BOUND AND KEPT FOR FUTURE AGENT ALLOCATIONS. THIS FIELD REPRESENTS THE SUM OF SUCCESSFUL BIND ADD (QTBINDA) AND SUCCESSFUL BIND REPLACE (QTBINDR). THIS COUNTER DOES NOT INCREMENT FOR BIND SUBCOMMANDS THAT DO NOT SPECIFY A PLAN ID, AS IDENTIFIED BY QTTESTB. QTBINDA + QTBINDR IS NOT NECESSARILY EQUAL TO THIS FIELD. IT IS EQUAL ONLY IF ALL BIND-ALL AND BIND-REPLACE COMMANDS ARE SUCCESSFUL.
zREBIND	INT	4	(IBM name: QTREBIND) NUMBER OF REBIND SUBCOMMANDS ISSUED. YOU CAN TRY TO REBIND MORE THAN ONE PLAN IN A SINGLE REBIND SUBCOMMAND. IF THIS FIELD IS 1, THEN THE NUMBER OF PLANS YOU ARE TRYING TO REBIND IS SHOWN IN FIELD QTRBINDA.
zRBINDA	INT	4	(IBM name: QTRBINDA) NUMBER OF ATTEMPTS TO REBIND A PLAN. THIS NUMBER CAN BE LARGER THAN QTREBIND BECAUSE MULTIPLE PLAN IDS CAN BE SPECIFIED ON A SINGLE REBIND SUBCOMMAND.
zPLNRBD	INT	4	(IBM name: QTPLNRBD) NUMBER OF TIMES A PLAN WAS SUCCESSFULLY REBOUND. THIS REPRESENTS THE NUMBER OF REBIND ATTEMPTS (QTRBINDA) THAT COMPLETE SUCCESSFULLY. THIS FIELD CANNOT BE GREATER THAN QTRBINDA. IT CAN BE EQUAL IF ALL SPECIFIED PLANS REBOUND SUCCESSFULLY.
zFREE	INT	4	(IBM name: QTFREE) NUMBER OF FREE SUBCOMMANDS ISSUED. YOU CAN TRY TO FREE MORE THAN ONE PLAN IN A SINGLE FREE SUBCOMMAND. IF THIS FIELD IS 1, THEN THE NUMBER OF PLANS YOU ARE TRYING TO FREE IS SHOWN IN QTFREEA.
zFREEA	INT	4	(IBM name: QTFREEA) NUMBER OF ATTEMPTS TO FREE A PLAN. THIS NUMBER CAN BE LARGER THAN QTFREE BECAUSE MULTIPLE PLAN IDS CAN BE SPECIFIED ON A SINGLE FREE SUBCOMMAND.
zPLNFRD	INT	4	(IBM name: QTPLNFRD) NUMBER OF PLANS FREED. THIS FIELD REPRESENTS THE NUMBER OF ATTEMPTS (QTFREEA) THAT COMPLETE SUCCESSFULLY. THIS VALUE IN THIS FIELD CANNOT BE GREATER THAN QTFREEA. IT CAN BE EQUAL IF ALL SPECIFIED PLANS WERE FREED SUCCESSFULLY. FREEING A PLAN CAN FAIL IF SOMEONE ELSE IS USING THE PLAN AND HOLDS A LOCK ON IT.
zAUCHK	INT	4	(IBM name: QTAUCHK) TOTAL NUMBER OF AUTHORIZATION CHECK ATTEMPTS THAT WERE PERFORMED.
zAUSUC	INT	4	(IBM name: QTAUSUC) TOTAL NUMBER OF SUCCESSFUL AUTHORIZATION CHECKS THAT WERE PERFORMED.
zDSOPN	INT	4	(IBM name: QTDSOPN) NUMBER OF DATA SETS THAT ARE CURRENTLY OPEN.
zMAXDS	INT	4	(IBM name: QTMAXDS) MAXIMUM NUMBER OF DATA SETS CONCURRENTLY OPEN SINCE THE TIME DB2 WAS LAST STARTED. THIS REPRESENTS THE HIGH WATER MARK. THIS VALUE CAN BE GREATER THAN QWP4DSMX IN IFCID 106, WHICH RESULTS IN DB2 ABENDS CAUSED BY A STORAGE SHORTAGE. IF STORAGE SHORTAGE OCCURS FREQUENTLY, INCREASE THE VALUE SPECIFIED FOR DSMAX IN MACRO DSN6SPRM. FOR MORE INFORMATION ABOUT DSMAX, SEE THE 'PERFORMANCE, MONITORING, AND TUNING' SECTION OF ADMINISTRATION GUIDE.
zAUCCH	INT	4	(IBM name: QTAUCCH) NUMBER OF SUCCESSFUL PLAN AUTHORIZATION CHECKS MADE BY USING A PLAN CACHE OR PUBLIC AUTHORIZATION CHECK.
zAUPUB	INT	4	(IBM name: QTAUPUB) NUMBER OF SUCCESSFUL PLAN AUTHORIZATION CHECKS FOR PLAN EXECUTE AUTHORITY HELD BY PUBLIC.

zMAXPB	INT	4	(IBM name: QTMAXPB) MAXIMUM NUMBER OF PAGE SETS ON THE DEFERRED CLOSE QUEUE. THIS COUNT REPRESENTS THE MAXIMUM NUMBER OF DATA SETS THAT ARE NOT IN USE AND ARE NOT PHYSICALLY CLOSED.
zPACAUT	INT	4	(IBM name: QTPACAUT) NUMBER OF SUCCESSFUL CHECKS FOR PACKAGE EXECUTE AUTHORITY MADE USING THE PACKAGE AUTHORIZATION CACHE. THIS NUMBER INCLUDES PUBLIC AUTHORIZATION CHECKS.
zPACPUB	INT	4	(IBM name: QTPACPUB) NUMBER OF SUCCESSFUL CHECKS FOR PACKAGE EXECUTE AUTHORITY HELD BY PUBLIC.
zPACNOT	INT	4	(IBM name: QTPACNOT) NUMBER OF UNSUCCESSFUL CHECKS FOR PACKAGE EXECUTE AUTHORITY MADE USING THE PACKAGE AUTHORIZATION CACHE BECAUSE AN APPLICABLE ENTRY WAS NOT FOUND IN THE CACHE.
zREOPN	INT	4	(IBM name: QTREOPN) NUMBER OF TIMES THAT DATA SETS THAT HAD NOT PREVIOUSLY BEEN USED BECAME USED. ALTHOUGH NOTHING WAS USING THE DATA SET AT ONE POINT, IT REMAINED OPEN. THIS COUNTER INDICATES THAT THE DATA SET WAS EVENTUALLY USED AGAIN. THE HIGHER THE NUMBER IN THIS FIELD, THE BETTER YOUR SYSTEM IS TUNED FOR DEFERRED CLOSE.
zPACOW1	INT	4	(IBM name: QTPACOW1) NUMBER OF TIMES DB2 OVERWROTE AN AUTHORIZATION ID IN THE CACHE.
zPACOW2	INT	4	(IBM name: QTPACOW2) NUMBER OF TIMES DB2 OVERWROTE AN ENTRY FOR A PACKAGE OR COLLECTION IN THE CACHE.
zDSDRN	INT	4	(IBM name: QTDSDRN) NUMBER OF UNUSED DATA SETS THAT WERE CLOSED BECAUSE THE TOTAL NUMBER OF OPEN DATA SETS REACHED THE DEFERRED CLOSE THRESHOLD VALUE. THE DEFERRED CLOSE THRESHOLD VALUE IS BASED ON THE VALUE OF DSMAX OR THE z/OS DD LIMIT, WHICHEVER IS SMALLER.
zPCCT	INT	4	(IBM name: QTPCCT) NUMBER OF INFREQUENTLY UPDATED DATA SETS THAT ARE CONVERTED FROM R/W TO R/O STATE. AN UPDATED DATA SET IS CONSIDERED TO BE INFREQUENTLY UPDATED WHEN IT HAS NOT BEEN UPDATED FOR THE NUMBER OF CONSECUTIVE DB2 CHECKPOINTS THAT IS SPECIFIED BY SYSTEM PARAMETER PCLOSEN, OR THE NUMBER OF MINUTES THAT IS SPECIFIED BY SYSTEM PARAMETER PCLOSET. THE DEFAULT FOR PCLOSEN IS 5 CHECKPOINTS, AND THE DEFAULT FOR PCLOSET IS 10 MINUTES. FOR TABLE SPACE DATA SETS, SWITCHING FROM THE R/W TO R/O STATE MEANS THAT THE SYSLGRNX OR SYSLGRNG ENTRY IS CLOSED.
zSLWDD	INT	4	(IBM name: QTSLWDD) NUMBER OF DATA SETS THAT ARE NOT CURRENTLY USED BUT ARE NOT CLOSED BECAUSE OF DEFERRED CLOSE. QTDSOPN - QTSLWDD = NUMBER OF 'IN USE' DATA SETS.
zBINDPA	INT	4	(IBM name: QTBINDPA) NUMBER OF BIND ADD PACKAGE SUBCOMMANDS ISSUED. BOTH SUCCESSFUL AND UNSUCCESSFUL COMMANDS ARE COUNTED. THE SUM OF QTBINDPA AND QTBINDPR IS THE TOTAL NUMBER OF BIND PACKAGE SUBCOMMANDS.
zBINDPR	INT	4	(IBM name: QTBINDPR) NUMBER OF BIND REPLACE PACKAGE SUBCOMMANDS ISSUED. BOTH SUCCESSFUL AND UNSUCCESSFUL COMMANDS ARE COUNTED. THE SUM OF QTBINDPA AND QTBINDPR IS THE TOTAL NUMBER OF BIND PACKAGE SUBCOMMANDS.
zPKGBD	INT	4	(IBM name: QTPKGBD) NUMBER OF PACKAGES SUCCESSFULLY BOUND AND KEPT FOR FUTURE PACKAGE ALLOCATIONS. THIS FIELD IS THE SUM OF SUCCESSFUL BIND ADD PACKAGE AND BIND REPLACE PACKAGE SUBCOMMANDS: IT DOES NOT EQUAL QTBINDPA + QTBINDPR UNLESS ALL BIND ADD PACKAGE AND BIND REPLACE PACKAGE SUBCOMMANDS ARE SUCCESSFUL.

zRBINDP	INT	4	(IBM name: QTRBINDP) NUMBER OF REBIND PACKAGE SUBCOMMANDS ISSUED. YOU CAN TRY TO REBIND MORE THAN ONE PACKAGE IN A SINGLE SUBCOMMAND. IF THIS FIELD IS 1, QTRBNDPA SHOWS THE NUMBER OF PACKAGES YOU ARE TRYING TO REBIND.
zRBNDPA	INT	4	(IBM name: QTRBNDPA) NUMBER OF ATTEMPTS TO REBIND A PACKAGE. THIS NUMBER CAN BE LARGER THAN QTRBINDP BECAUSE YOU CAN REBIND MULTIPLE PACKAGES IN A SINGLE SUBCOMMAND.
zPKGRBD	INT	4	(IBM name: QTPKGRBD) NUMBER OF TIMES A PACKAGE WAS SUCCESSFULLY REBOUND. THIS FIELD IS THE NUMBER OF REBIND PACKAGE ATTEMPTS (QTRBNDPA) THAT WERE SUCCESSFUL. THIS FIELD CANNOT BE LARGER THAN QTRBNDPA. IF ALL SPECIFIED PACKAGES WERE REBOUND SUCCESSFULLY, THIS FIELD IS EQUAL TO QTRBNDPA.
zFREEP	INT	4	(IBM name: QTFREEP) NUMBER OF FREE PACKAGE SUBCOMMANDS ISSUED. YOU CAN TRY TO FREE MORE THAN ONE PACKAGE IN A SINGLE SUBCOMMAND. IF THIS FIELD IS 1, QTFREEAP SHOWS THE NUMBER OF PACKAGES YOU ARE TRYING TO FREE.
zFREEAP	INT	4	(IBM name: QTFREEAP) NUMBER OF ATTEMPTS TO FREE A PACKAGE. THIS NUMBER CAN BE LARGER THAN QTFREEP BECAUSE YOU CAN FREE MULTIPLE PACKAGES IN A SINGLE COMMAND.
zPKGFRD	INT	4	(IBM name: QTPKGFRD) NUMBER OF TIMES A PACKAGE WAS SUCCESSFULLY FREED. THIS FIELD IS THE NUMBER OF FREE PACKAGE ATTEMPTS (QTFREEAP) THAT WERE SUCCESSFUL. THIS FIELD CANNOT BE LARGER THAN QTFREEAP. IF ALL SPECIFIED PACKAGES WERE FREED SUCCESSFULLY, THIS FIELD IS EQUAL TO QTFREEAP.
zAUTOBA	INT	4	(IBM name: QTAUTOBA) NUMBER OF AUTOMATIC BIND ATTEMPTS. FOR REASONS WHY AN AUTOMATIC BIND OCCURS, SEE SECTION 4 OF APPLICATION PROGRAMMING AND SQL GUIDE.
zPKABND	INT	4	(IBM name: QTPKABND) NUMBER OF SUCCESSFUL AUTOMATIC BIND PACKAGES. THIS FIELD IS THE NUMBER OF AUTOMATIC BIND ATTEMPTS THAT WERE SUCCESSFUL.
zPKALLA	INT	4	(IBM name: QTPKALLA) ATTEMPTS TO ALLOCATE A PACKAGE
zPKALL	INT	4	(IBM name: QTPKALL) NUMBER OF PACKAGES SUCCESSFULLY ALLOCATED. THIS FIELD CONTAINS THE NUMBER OF ALLOCATION ATTEMPTS (QTPKALLA) THAT WERE SUCCESSFUL. PACKAGE ALLOCATION FAILURE CAN BE CAUSED BY AN UNAVAILABLE OR NONEXISTENT PACKAGE. A HIGH COUNT OF THE NUMBER OF PACKAGES UNSUCCESSFULLY ALLOCATED (QTPKALLA - QTPKALL) TYPICALLY OCCURS WHEN THE FOLLOWING CONDITIONS ARE TRUE: - A PACKAGE LIST WITH MULTIPLE COLLECTIONS IS USED. - FREQUENTLY-USED PACKAGES ARE AT THE END OF A PACKAGE LIST, RATHER THAN AT THE BEGINNING. FOR EXAMPLE, WHEN DB2 FINDS A PACKAGE IN THE TENTH COLLECTION, QTPKALLA IS INCREMENTED BY 10, ONCE FOR EACH COLLECTION SEARCHED, BUT QTPKALL IS INCREMENTED BY 1. A HIGH NUMBER OF PACKAGES UNSUCCESSFULLY ALLOCATED MIGHT BE ACCOMPANIED BY A HIGH VALUE OF QTPACNOT (THE COUNT OF THE NUMBER OF UNSUCCESSFUL CHECKS FOR PACKAGE EXECUTION AUTHORITY MADE USING THE PACKAGE AUTHORIZATION CACHE BECAUSE AN APPLICATION ENTRY WAS NOT FOUND IN THE CACHE). WHEN THE VALUE OF QTPACNOT IS HIGH, THE NUMBER OF GETPAGE REQUESTS BY BUFFER MANAGER TO CATALOG OR DIRECTORY TABLE SPACES IS ALSO HIGH. TO REDUCE THE NUMBER OF BUFFER MANAGER GETPAGE REQUESTS TO CATALOG OR DIRECTORY TABLE SPACES, PUT FREQUENTLY-USED PACKAGES AT THE BEGINNING OF PACKAGE LISTS.
zRACAUT	INT	4	(IBM name: QTRACAUT) NUMBER OF SUCCESSFUL AUTHORIZATION CHECKS FOR USER-DEFINED FUNCTIONS OR STORED PROCEDURES THAT USE THE ROUTINE AUTHORIZATION CACHE. THIS NUMBER INCLUDES THE NUMBER OF PUBLIC AUTHORIZATION CHECKS (QTRACPUB).

zRACPUB	INT	4	(IBM name: QTRACPUB) NUMBER OF SUCCESSFUL AUTHORIZATION CHECKS FOR USER-DEFINED FUNCTION OR STORED PROCEDURE EXECUTION AUTHORITY WHEN THAT AUTHORITY IS HELD BY PUBLIC.
zRACNOT	INT	4	(IBM name: QTRACNOT) NUMBER OF AUTHORIZATION CHECKS FOR USER-DEFINED FUNCTION OR STORED PROCEDURE EXECUTION AUTHORITY THAT COULD NOT USE THE ROUTINE AUTHORIZATION CACHE.
zRACOW1	INT	4	(IBM name: QTRACOW1) NUMBER OF TIMES THAT DB2 WROTE OVER AN AUTHORIZATION ID IN THE ROUTINE AUTHORIZATION CACHE.
zRACOW2	INT	4	(IBM name: QTRACOW2) NUMBER OF TIMES THAT DB2 WROTE OVER A ROUTINE ENTRY IN THE ROUTINE AUTHORIZATION CACHE.
zRACNAC	INT	4	(IBM name: QTRACNAC) NUMBER OF TIMES THAT DB2 COULD NOT ADD AN ENTRY TO THE ROUTINE AUTHORIZATION CACHE.

Secondary segment: **SMF100_Buffer_Management**

Field Name	Type	Len	Description
<i>SMF100_Buffer_Management.<fieldname></i>			
zPID	INT	4	(IBM name: QBSTPID) THIS FIELD IDENTIFIES WHICH BUFFER POOL THE INFORMATION IN THIS SECTION REFERS TO: '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
zFLG	HEX	1	(IBM name: QBSTFLG) FLAGS:
zGET	INT	8	(IBM name: QBSTGET) NUMBER OF GETPAGE REQUESTS. THIS FIELD COUNTS UNCONDITIONAL REQUESTS (BOTH SUCCESSFUL AND UNSUCCESSFUL) AND CONDITIONAL REQUESTS THAT ARE SUCCESSFUL.
zRIO	INT	8	(IBM name: QBSTRIO) NUMBER OF SYNCHRONOUS READ I/O OPERATIONS PERFORMED FOR BOTH APPLICATIONS AND UTILITIES.
zDWV	INT	8	(IBM name: QBSTDWV) NUMBER OF TIMES THE VERTICAL DEFERRED WRITE THRESHOLD WAS REACHED. WHEN THE NUMBER OF UPDATED PAGES FOR A GIVEN DATA SET EXCEEDS THE VERTICAL DEFERRED WRITE THRESHOLD, DEFERRED WRITES ARE INITIATED FOR THAT DATA SET.
zXFL	INT	8	(IBM name: QBSTXFL) NUMBER OF TIMES THAT A USABLE BUFFER COULD NOT BE LOCATED IN THE VIRTUAL BUFFER POOL BECAUSE THE VIRTUAL BUFFER POOL WAS FULL. IDEALLY, THIS VALUE SHOULD BE ZERO. IF IT IS NOT, USE THE -ALTER BUFFERPOOL COMMAND TO INCREASE THE VIRTUAL BUFFER POOL SIZE (VPSIZE).
zXFV	INT	8	(IBM name: QBSTXFV) NUMBER OF VIRTUAL BUFFER POOL EXPANSION FAILURES CAUSED BY A SHORTAGE OF VIRTUAL STORAGE. IDEALLY, THIS VALUE SHOULD BE ZERO. IF IT IS NOT, CHECK THE VIRTUAL STORAGE ALLOCATION OF THE DATABASE ADDRESS SPACE (DS1DBM1) FOR AREAS THAT CAN BE REDUCED. FOR EXAMPLE, YOU CAN REDUCE THE SIZE OF OTHER BUFFER POOLS.
zSWS	INT	8	(IBM name: QBSTSWS) NUMBER OF TIMES UPDATE INTENTS WERE REQUESTED AGAINST PAGES IN THE BUFFER POOL.
zPWS	INT	8	

			(IBM name: QBSTPWS) NUMBER OF PAGES WRITTEN FOR SYSTEM PAGES. THIS FIELD CONTAINS THE NUMBER OF PAGES IN THE BUFFER POOL WRITTEN TO DISK. IF THE RATIO OF THIS FIELD TO THE NUMBER OF PAGE UPDATES (QBSTSW) IS CLOSE TO ZERO, EFFICIENCY IS HIGH. FOR EXAMPLE, IF THERE ARE 10 PAGE UPDATES, ALL AGAINST THE SAME PAGE, THEN THE RATIO IS 1:10 OR 0.1. IF ALL 10 UPDATES ARE AGAINST 10 DISTINCT PAGES, THEN THE RATIO IS 10:10 OR 1.0. SOME FACTORS THAT AFFECT THIS RATIO ARE: - BUFFER POOL SIZE - CONCURRENT BUFFER POOL USAGE BY MULTIPLE TRANSACTIONS - REAL (AND EXPANDED) STORAGE AVAILABILITY - DATABASE PAGE UPDATES OF THE SAME PAGE BY TRANSACTIONS.
zWIO	INT	8	(IBM name: QBSTWIO) NUMBER OF ASYNCHRONOUS WRITE I/O OPERATIONS TO DISK.
zCBA	INT	8	(IBM name: QBSTCBA) NUMBER OF CURRENT ACTIVE (NONSTEALABLE) BUFFERS. INSTANTANEOUS SAMPLE OF THE NUMBER OF BUFFERS IN THE BUFFER POOL THAT WERE ACTIVE (IN THE NONSTEALABLE STATUS) AT THE TIME OF THE REQUEST TO TRANSFER THE BUFFER MANAGER STATISTICAL DATA TO THE SMF RECORD BEING PRODUCED. BECAUSE THIS FIELD GIVES A SNAPSHOT VALUE AT STATISTICS COLLECTION TIME, IT ONLY SHOWS A PROBLEM IF IT HAPPENS AT THIS TIME. THE BUFFER POOL MIGHT BE TOO SMALL IF THIS IS GREATER THAN 50% OF THE BUFFER POOL. THIS FIELD IS NOT ACCUMULATED.
zRPI	INT	8	(IBM name: QBSTRPI) NUMBER OF PAGE-INS REQUIRED FOR READ I/O.
zWPI	INT	8	(IBM name: QBSTWPI) NUMBER OF PAGE-INS REQUIRED FOR WRITE I/O.
zDSO	INT	8	(IBM name: QBSTDSO) NUMBER OF DATA SETS PHYSICALLY OPENED. THIS VALUE IS CUMULATIVE SINCE THE START OF THIS STATISTICS INTERVAL. SEE THE 'PERFORMANCE, MONITORING AND TUNING' SECTION OF ADMINISTRATION GUIDE FOR INFORMATION ABOUT PHYSICAL AND LOGICAL OPEN AND CLOSE.
zIMW	INT	8	(IBM name: QBSTIMW) NUMBER OF IMMEDIATE WRITES FOR A DATA SET. IMMEDIATE WRITES OCCUR WHEN - ANY SYNCHRONOUS WRITE IS TRIGGERED. - AN IMMEDIATE WRITE THRESHOLD IS REACHED.
zSEQ	INT	8	(IBM name: QBSTSEQ) NUMBER OF SEQUENTIAL PREFETCH REQUESTS. THIS COUNTER IS INCREMENTED FOR EACH PREFETCH REQUEST. EACH REQUEST MIGHT RESULT IN AN I/O READ. IF IT RESULTS IN AN I/O READ, UP TO 64 PAGES CAN BE READ FOR SQL, AND UP TO 128 PAGES FOR UTILITIES. A REQUEST DOES NOT RESULT IN AN I/O IF ALL PAGES TO BE PREFETCHED ARE ALREADY IN THE BUFFER POOL. SEQUENTIAL DETECTION IS NOT INCLUDED IN QBSTSEQ AND IS SEPARATELY RECORDED IN QBSTDPF.
zSPP	INT	8	(IBM name: QBSTSP) NUMBER OF PAGES READ BECAUSE OF NORMAL SEQUENTIAL PREFETCH. A SEQUENTIAL PREFETCH REQUEST DOES NOT RESULT IN READ I/O IF THE REQUESTED PAGES ARE FOUND IN THE BUFFER POOL.
zSPD	INT	8	(IBM name: QBSTSPD) NUMBER OF TIMES SEQUENTIAL PREFETCH WAS DISABLED BECAUSE BUFFERS WERE NOT AVAILABLE. IN OTHER WORDS, THIS IS THE NUMBER OF TIMES THE SEQUENTIAL PREFETCH THRESHOLD IS REACHED. SEE THE 'PERFORMANCE, MONITORING AND TUNING' SECTION OF ADMINISTRATION GUIDE FOR MORE INFORMATION ON BUFFER POOL THRESHOLDS. IDEALLY, THIS VALUE SHOULD BE ZERO. IF THIS VALUE IS HIGH, THE BUFFER POOL SIZE OR A SEQUENTIAL THRESHOLD MIGHT BE TOO SMALL.
zREE	INT	8	(IBM name: QBSTREE) NUMBER OF TIMES SEQUENTIAL PREFETCH WAS DISABLED BECAUSE OF AN UNAVAILABLE READ ENGINE. THE VALUE IN THIS FIELD SHOULD BE CLOSE TO ZERO.
zDWT	INT	8	(IBM name: QBSTDWT) NUMBER OF TIMES THE DEFERRED WRITE THRESHOLD WAS REACHED. WHEN THE DEFERRED WRITE THRESHOLD IS REACHED,

			THE DATA SETS WITH THE OLDEST UPDATED PAGES ARE WRITTEN ASYN- CHRONOUSLY. DB2 CONTINUES WRITING PAGES UNTIL THE RATIO IS UNDER THE THRESHOLD. BEFORE THIS THRESHOLD IS REACHED, PAGES ARE WRITTEN ONLY IF THE NUMBER OF PAGES QUEUED PER DATA SET REACHES A CERTAIN PERCENT OF THE BUFFER POOL SIZE. FOR DETAILS, SEE 'BUFFER POOL THRESHOLDS' IN THE 'PERFORMANCE, MONITORING AND TUNING' SECTION IN ADMINISTRATION GUIDE.
zDMC	INT	8	(IBM name: QBSTDMC) NUMBER OF TIMES THE DATA MANAGER BUFFER CRITICAL THRESHOLD (DMTH) WAS REACHED. WHEN THE DATA MANAGER THRESHOLD IS REACHED, GETPAGE REQUESTS AND RELEASES APPLY TO ROWS INSTEAD OF TO PAGES. THAT IS, WHEN MORE THAN ONE ROW IS RETRIEVED OR UPDATED IN A PAGE, MORE THAN ONE GETPAGE REQUEST AND RELEASE IS PERFORMED ON THAT PAGE. AVOID REACHING THIS THRESHOLD, BECAUSE IT HAS A SIGNIFICANT EFFECT ON CPU USAGE. THIS FIELD SHOULD BE ZERO. FOR DETAILS, SEE 'BUFFER POOL THRESHOLDS' IN THE 'PERFORMANCE, MONITORING, AND TUNING' SECTION OF ADMINISTRATION GUIDE.
zMIG	INT	8	(IBM name: QBSTMIG) NUMBER OF TIMES MIGRATED DATA SETS WERE ENCOUNTERED.
zRTO	INT	8	(IBM name: QBSTRTO) NUMBER OF RECALL TIMEOUTS.
zPIO	INT	8	(IBM name: QBSTPIO) NUMBER OF ASYNCHRONOUS READ I/Os CAUSED BY THE NORMAL SEQUENTIAL PREFETCH (BOTH APPLICATIONS AND UTILITIES). THIS NUMBER REPRESENTS THE NUMBER OF I/O OPERATIONS, NOT THE NUMBER OF PAGES READ. SEE QBSTSP FOR THE NUMBER OF PAGES READ. THIS COUNTER APPLIES TO ONLY TO WORK FILE PREFETCH.
zWKPD	INT	8	(IBM name: QBSTWKPD) NUMBER OF TIMES SEQUENTIAL PREFETCH WAS NOT SCHEDULED BECAUSE THE PREFETCH QUANTITY WAS ZERO. PREFETCH CHECKS THE PREFETCH QUANTITY. NORMALLY THE QUANTITY SHOULD BE ONE TO EIGHT PAGES. WHEN THE QUANTITY IS ZERO, THE VALUE IN THIS FIELD IS INCREMENTED. A HIGH NUMBER IN THIS FIELD IMPLIES THAT THE BUFFER POOL IS TOO SMALL.
zMAX	INT	8	(IBM name: QBSTMAX) NUMBER OF TIMES THE CURRENTLY ALLOCATED WORK FILES EXCEEDED THE MAXIMUM BUFFER POOL RESOURCES ALLOCATED TO SEQUENTIAL PROCESSING. USUALLY, NO MORE WORK FILES ARE CREATED AFTER THIS FIELD IS IMPLEMENTED. THIS FIELD INDICATES THAT A SORT IS BEING DONE, AND THAT THE SORT IS LIMITED IN HOW MANY WORK FILES IT CAN USE. IN GENERAL, SORTS ARE MORE EFFICIENT WITH ADDITIONAL WORK FILES, BUT THERE ARE DB2 LIMITS ON THE NUMBER OF WORK FILES A TRANSACTION CAN HAVE. SOMETIMES A TRANSACTION FINDS AT RUN TIME THAT IT CANNOT USE AS MANY WORK FILES AS IT HAD PLANNED. YOU CAN TRY INCREASING THE SIZE OF THE BUFFER POOL OR ALTERING THE TRANSACTION SO IT REQUIRES FEWER CONCURRENT WORK FILES.
zWFM	INT	8	(IBM name: QBSTWFM) MAXIMUM NUMBER OF WORK FILES THAT WERE CONCURRENTLY USED DURING MERGE PROCESSING WITHIN THIS STATISTICS PERIOD. IDEALLY, EACH WORK FILE NEEDS 16 BUFFERS TO ALLOW DB2 TO PERFORM SEQUENTIAL PREFETCH FOR WORK FILES.
zWDRP	INT	8	(IBM name: QBSTWDRP) NUMBER OF PAGES FOR WHICH A DESTRUCTIVE READ WAS REQUESTED.
zWBVQ	INT	8	(IBM name: QBSTWBVQ) NUMBER OF PAGES REMOVED FROM THE DATA SET DEFERRED WRITE QUEUE FOR DESTRUCTIVE READ REQUESTS.
zWFR	INT	8	(IBM name: QBSTWFR) TOTAL NUMBER OF SORT/MERGES FOR DB2 SORT ACTIVITIES. THIS COUNTER REFLECTS HOW MANY SORT/MERGES WERE REQUESTED FOR DB2 TO DETERMINE THE NUMBER OF WORK FILES PERMITTED TO SUPPORT EACH SORT/MERGE.
zWFT	INT	8	(IBM name: QBSTWFT) TOTAL NUMBER OF WORK FILES THAT WERE REQUESTED FOR ALL

			SORT/MERGE PROCESSING. THIS COUNTER AND QBSTWFR CAN BE USED TO DETERMINE THE AVERAGE NUMBER OF WORK FILES (RUNS) REQUESTED ON A SINGLE SORT/MERGE. FOR DB2 TO PERFORM EFFICIENT PREFETCH FOR WORK FILES, EACH WORK FILE SHOULD HAVE AT LEAST 16 DEDICATED BUFFERS. WORK FILES USED DURING SORT PHASE PROCESSING OR OTHER NON-SORT-RELATED PROCESSING ARE NOT INCLUDED IN THIS STATISTICS COUNTER.
zWFD	INT	8	(IBM name: QBSTWFD) TOTAL NUMBER OF WORK FILES THAT WERE REJECTED DURING SORT/MERGE BECAUSE OF INSUFFICIENT BUFFER RESOURCES. THIS COUNTER AND QBSTWFF CAN BE USED TO DETERMINE THE AVERAGE NUMBER OF WORK FILES THAT CANNOT BE HONORED AT EACH SORT/MERGE BECAUSE OF INSUFFICIENT BUFFER POOL SPACE. TO IMPROVE SORT PERFORMANCE, INCREASE THE BUFFER POOL SIZE.
zWFF	INT	8	(IBM name: QBSTWFF) NUMBER OF TIMES THAT A SORT/MERGE WAS NOT PERFORMED EFFICIENTLY BECAUSE OF A SHORTAGE OF BUFFER SPACE. THIS COUNTER IS INCREMENTED FOR EACH SORT/MERGE WHEN THE MAXIMUM NUMBER OF WORK FILES ALLOWED IS LESS THAN THE NUMBER OF WORK FILES REQUESTED. THE MAXIMUM NUMBER OF WORK FILES ALLOWED IS COMPUTED AS: $\text{BUFFERS CONSUMED} = 2 * (\text{WORK FILES ALREADY ALLOCATED})$ $\text{BUFFERS AVAILABLE} = (\text{SEQUENTIAL STEAL THRESHOLD} * \text{BUFFER POOL SIZE} - \text{BUFFERS CONSUMED})$ $\text{MAX WORK FILES ALLOWED} = \text{BUFFERS AVAILABLE} / (2 * 8)$
zLPP	INT	8	(IBM name: QBSTLPP) NUMBER OF LIST PREFETCH REQUESTS. LIST PREFETCH ALLOWS DB2 TO ACCESS DATA PAGES EFFICIENTLY EVEN WHEN THE NEEDED DATA PAGES ARE NOT CONTIGUOUS. LIST PREFETCH CAN BE USED WITH SINGLE INDEX ACCESS AND IS ALWAYS USED WITH MULTIPLE INDEX ACCESS. IT IS ALWAYS USED TO ACCESS DATA FROM THE INNER TABLE DURING A HYBRID JOIN. DATA PAGES ARE READ IN QUANTITIES EQUAL TO THE SEQUENTIAL PREFETCH QUANTITY (SEE QBSTSEQ), WHICH DEPENDS ON BUFFER POOL SIZE AND IS USUALLY 64 PAGES. DURING BIND, DB2 DOES NOT USE LIST PREFETCH IF THE ESTIMATED NUMBER OF RIDS TO BE PROCESSED WOULD TAKE MORE THAN 50% OF THE RID POOL. DURING EXECUTION TIME, LIST PREFETCH PROCESSING TERMINATES IF DB2 DETECTS THAT MORE THAN 25% OF THE ROWS IN THE TABLE MUST BE ACCESSED. IF LIST PREFETCH IS TERMINATED, IFCID 125 INDICATES THIS.
zDPF	INT	8	(IBM name: QBSTDPF) NUMBER OF DYNAMIC PREFETCH REQUESTS. THIS IS THE PROCESS THAT IS TRIGGERED BECAUSE OF SEQUENTIAL DETECTION. THIS FIELD ALSO COUNTS PREFETCHES FOR SEGMENTED TABLE SPACES. FOR INFORMATION ABOUT WHEN SEQUENTIAL DETECTION IS USED, SEE THE 'PERFORMANCE, MONITORING AND TUNING' SECTION OF ADMINISTRATION GUIDE.
zVPA	INT	8	(IBM name: QBSTVPA) NUMBER OF SUCCESSFUL VIRTUAL BUFFER POOL EXPANSIONS OR CONTRACTIONS BECAUSE OF THE ALTER BUFFERPOOL COMMAND.
zPCO	INT	8	(IBM name: QBSTPCO) NUMBER OF PAGES WRITTEN FOR CASTOUT I/O OPERATIONS.
zCIO	INT	8	(IBM name: QBSTCIO) NUMBER OF CASTOUT I/O OPERATIONS.
zVPL	INT	8	(IBM name: QBSTVPL) NUMBER OF BUFFERS ALLOCATED FOR A VIRTUAL BUFFER POOL.
zDPP	INT	8	(IBM name: QBSTDPP) NUMBER OF ASYNCHRONOUS PAGE READS BECAUSE OF DYNAMIC PREFETCH.
zLPP	INT	8	(IBM name: QBSTLPP) NUMBER OF ASYNCHRONOUS PAGE READS BECAUSE OF LIST PREFETCH.
zDIO	INT	8	(IBM name: QBSTDIO) NUMBER OF ASYNCHRONOUS READ I/O OPERATIONS BECAUSE OF DYNAMIC PREFETCH.

zLIO	INT	8	(IBM name: QBSTLIO) NUMBER OF ASYNCHRONOUS READ I/O OPERATIONS BECAUSE OF LIST PREFETCH.
zSGT	INT	8	(IBM name: QBSTSGT) NUMBER OF GETPAGE REQUESTS ISSUED BY SEQUENTIAL ACCESS REQUESTERS.
zSIO	INT	8	(IBM name: QBSTSIO) NUMBER OF SYNCHRONOUS READ I/OS ISSUED BY SEQUENTIAL ACCESS REQUESTERS.
zNGT	INT	8	(IBM name: QBSTNGT) NUMBER OF TIMES A PAGE REQUESTED FOR A QUERY PROCESSED IN PARALLEL WAS UNAVAILABLE BECAUSE THE PAGE WAS NOT FOUND IN THE BUFFER POOL. THE AGENT DOES NOT WAIT. INSTEAD, CONTROL RETURNS TO THE AGENT AND ASYNCHRONOUS PREFETCH I/O IS TRIGGERED. IF THE VALUE IS CLOSE TO ZERO, MOST PAGES ARE ALREADY PREFETCHED INTO THE BUFFER POOL AND WAIT TIME FOR SYNCHRONOUS I/O IS SMALL. THIS COUNTER CAN BE HIGH IF, FOR EXAMPLE, THERE IS A CLUSTER INDEX SCAN AND THE DATA IS NOT TRULY CLUSTERED BY THE INDEX KEY, SO THE DATA PAGES ARE NOT ACCESSED IN THEIR TRUE ORDER. HENCE, THE CLUSTER RATIO IS NOT VALID. USE THE RUNSTATS UTILITY TO UPDATE IT. THIS NUMBER IS ALSO USED TO DETERMINE HOW MANY SEQUENTIAL PREFETECHES OF ONE PAGE WERE SCHEDULED.
zXIS	INT	8	(IBM name: QBSTXIS) THE HIGHEST NUMBER OF CONCURRENT PREFETCH I/O STREAMS THAT WERE ALLOCATED FOR SUPPORTING QUERIES PROCESSED IN PARALLEL IN THIS BUFFER POOL. THIS COUNTER REFLECTS PREFETCH ACTIVITIES FOR NON-WORK FILE PAGE SETS. THIS COUNTER IS APPLICABLE ONLY WHEN QUERIES ARE PROCESSING IN PARALLEL IN DB2.
zJIS	INT	8	(IBM name: QBSTJIS) TOTAL NUMBER OF REQUESTED PREFETCH I/O STREAMS THAT WERE DENIED BECAUSE OF A STORAGE SHORTAGE IN THE BUFFER POOL. FOR EXAMPLE, IF 100 PREFETCH I/O STREAMS ARE REQUESTED AND ONLY 80 ARE GRANTED, THEN 20 IS ADDED TO THIS COUNTER. IF THIS VALUE IS NONZERO, YOU MIGHT WANT TO CONSIDER INCREASING THE SIZE OF THE BUFFER POOL. THE RATIO OF QBSTJIS AND QBSTPQF GIVES THE AVERAGE DEGREE OF PARALLEL QUERY PROCESSING THAT WAS REDUCED BECAUSE OF INSUFFICIENT BUFFER POOL SPACE. QBSTXIS GIVES THE HIGHEST DEGREE OF PARALLEL QUERY PROCESSING THAT WAS REDUCED FOR ONE OR MORE QUERIES PROCESSED IN PARALLEL. THIS COUNTER IS APPLICABLE ONLY FOR NON-WORK FILE PAGE SETS AND WHEN QUERIES ARE PROCESSING IN PARALLEL IN DB2.
zPQO	INT	8	(IBM name: QBSTPQO) TOTAL NUMBER OF REQUESTS MADE FOR PROCESSING QUERIES IN PARALLEL IN THIS BUFFER POOL. THIS COUNTER IS APPLICABLE ONLY FOR NON-WORK FILE PAGE SETS AND WHEN QUERIES ARE PROCESSING IN PARALLEL IN DB2.
zPQF	INT	8	(IBM name: QBSTPQF) TOTAL NUMBER OF TIMES DURING THIS STATISTICS INTERVAL THAT DB2 COULD NOT ALLOCATE THE REQUESTED NUMBER OF BUFFER PAGES TO ALLOW A PARALLEL GROUP TO RUN TO THE PLANNED DEGREE. THIS IS CAUSED BY A STORAGE SHORTAGE IN THE BUFFER POOL. IF THIS VALUE IS SIGNIFICANT, INCREASE THE SIZE OF THE BUFFER POOL. THIS COUNTER IS APPLICABLE ONLY FOR NON-WORK FILE PAGE SETS AND WHEN QUERIES ARE PROCESSING IN PARALLEL IN DB2.
zPL1	INT	8	(IBM name: QBSTPL1) TOTAL NUMBER OF OCCURRENCES WHEN THE PREFETCH QUANTITY IS REDUCED FROM NORMAL TO ONE-HALF OF NORMAL. THE NORMAL SIZE IS DEPENDENT ON THE SIZE OF THE BUFFER POOL. THIS COUNTER INDICATES WHEN DB2 HAD TO REDUCE SEQUENTIAL PREFETCH QUANTITY TO CONTINUE TO EXECUTE CONCURRENTLY WITH PARALLEL QUERY PROCESSING IN THE SYSTEM. IF THIS FIELD CONTAINS A SMALL NUMBER, IT MIGHT BE TOLERABLE. THIS COUNTER IS APPLICABLE ONLY WHEN QUERIES ARE PROCESSING IN PARALLEL IN DB2.
zPL2	INT	8	(IBM name: QBSTPL2) TOTAL NUMBER OF OCCURRENCES WHEN THE PREFETCH

			QUANTITY IS REDUCED FROM ONE-HALF TO ONE-QUARTER OF NORMAL. THE NORMAL SIZE IS DEPENDENT ON THE SIZE OF THE BUFFER POOL. WHEN THIS FIELD CONTAINS A NONZERO VALUE, IT IS A MORE SERIOUS SITUATION THAN WHEN QBSTPL1 IS NONZERO. THE QUERY RESPONSE FOR QUERIES PROCESSED IN PARALLEL CAN BE SIGNIFICANTLY WORSE WHEN THIS FIELD IS NONZERO. THIS FIELD IS APPLICABLE ONLY WHEN QUERIES ARE PROCESSING IN PARALLEL IN DB2.
zNSG	INT	8	(IBM name: QBSTNSG) NUMBER OF CONDITIONAL SEQUENTIAL GETPAGE REQUESTS THAT FAILED BECAUSE THE PAGE WAS NOT IN THE BUFFER POOL.
zLPL	INT	8	(IBM name: QBSTLPL) NUMBER OF TIMES THAT ONE OR MORE PAGES WERE ADDED TO THE LOGICAL PAGE LIST (LPL).
zSMIN	INT	8	(IBM name: QBSTSMIN) MINIMUM NUMBER OF BUFFERS ON THE SEQUENTIAL LRU CHAIN. THIS VALUE IS THE LOWEST VALUE IN THE STATISTICS INTERVAL.
zSMAX	INT	8	(IBM name: QBSTSMAX) MAXIMUM NUMBER OF BUFFERS ON THE SEQUENTIAL LRU CHAIN. THIS VALUE IS THE HIGHEST VALUE IN THE STATISTICS INTERVAL.
zHST	INT	8	(IBM name: QBSTHST) NUMBER OF TIMES THAT THE LENGTH OF THE SEQUENTIAL LRU CHAIN REACHED THE SEQUENTIAL STEAL THRESHOLD (VPSEQT).
zRHS	INT	8	(IBM name: QBSTRHS) NUMBER OF TIMES THAT A NON-SEQUENTIAL GETPAGE OPERATION TOUCHED A BUFFER THAT IS ON THE SEQUENTIAL LRU CHAIN.
zAGET	INT	8	(IBM name: QBSTAGET) NUMBER OF NON-SEQUENTIAL GETPAGE REQUESTS THAT USED BUFFERS IN THE OVERFLOW AREA.
zASGE	INT	8	(IBM name: QBSTASGE) NUMBER OF SEQUENTIAL GETPAGE REQUESTS THAT USED BUFFERS IN THE OVERFLOW AREA.
zASYN	INT	8	(IBM name: QBSTASYN) NUMBER OF SYNCHRONOUS READ I/O OPERATIONS FOR NON-SEQUENTIAL GETPAGE REQUESTS THAT USED BUFFERS IN THE OVERFLOW AREA.
zASSE	INT	8	(IBM name: QBSTASSE) NUMBER OF SYNCHRONOUS READ I/O OPERATIONS FOR SEQUENTIAL GETPAGE REQUESTS THAT USED BUFFERS IN THE OVERFLOW AREA.

Secondary segment: **SMF100_Data_Manager**

Field Name	Type	Len	Description
<i>SMF100_Data_Manager.<fieldname></i>			
SMF100_Data_Manager.zHead.<fieldname>			
zID	CHAR	2	(IBM name: QIID) CONTROL BLOCK ID.
zLEN	INT	2	(IBM name: QILEN) CONTROL BLOCK LENGTH.
zEYE	CHAR	4	(IBM name: QIEYE) CONTROL BLOCK EYE CATCHER.
SMF100_Data_Manager.zStats.<fieldname>			
zSTRLLM	INT	4	(IBM name: QISTRLLM) NUMBER OF TIMES RID LIST PROCESSING TERMINATED BECAUSE THE NUMBER OF RID ENTRIES WAS GREATER THAN THE LIMIT OF MAX(25% OF TABLE SIZE, NUMBER OF RIDS THAT CAN FIT INTO THE GUARANTEED NUMBER OF RID BLOCKS).

zSTRPLM	INT	4	(IBM name: QISTRPLM) NUMBER OF TIMES RID LIST PROCESSING TERMINATED BECAUSE THE NUMBER OF RID ENTRIES WAS GREATER THAN THE PHYSICAL LIMIT OF APPROXIMATELY 26 MILLION RIDS.
zSTRHIG	INT	4	(IBM name: QISTRHIG) HIGHEST NUMBER OF RID BLOCKS IN USE AT ANY ONE TIME SINCE DB2 STARTUP.
zSTRCUR	INT	4	(IBM name: QISTRCUR) NUMBER OF RID BLOCKS CURRENTLY IN USE.
zSTRSTG	INT	4	(IBM name: QISTRSTG) NUMBER OF TIMES RID LIST PROCESSING EXHAUSTED VIRTUAL STORAGE.
zSTRMAX	INT	4	(IBM name: QISTRMAX) NUMBER OF TIMES THE MAXIMUM RID POOL STORAGE WAS EXCEEDED.
zSTCOLS	INT	4	(IBM name: QISTCOLS) THIS COUNTER RECORDS THE TOTAL NUMBER OF COLUMNS (ROWS TIMES COLUMNS) FOR WHICH AN INVALID SELECT PROCEDURE WAS ENCOUNTERED. INVALID SELECT PROCEDURES ARE BYPASSED BY DB2, AND THIS CAN CAUSE SOME DEGRADATION IN PERFORMANCE. A SELECT PROCEDURE IS MADE INVALID BY APPLYING DB2 MAINTENANCE THAT DIRECTLY AFFECTS THE SELECT PROCEDURE. PLANS AND PACKAGES WITH INVALID SELECT PROCEDURES CONTINUE TO FUNCTION CORRECTLY, BUT WITH A SMALL PERFORMANCE DEGRADATION. TO ELIMINATE THIS DEGRADATION, REBIND ANY PLAN OR PACKAGE THAT CAUSES A NONZERO VALUE TO APPEAR IN THIS COLUMN. REBINDING A PLAN OR PACKAGE REENABLES ITS SELECT PROCEDURES. USE IFCID 0224 TO DETERMINE WHICH PLANS AND PACKAGES SHOULD BE REBOUND, AND TO PRIORITIZE WHICH REBINDS SHOULD BE DONE FIRST.
zSTWFNE	INT	4	(IBM name: QISTWFNE) NUMBER OF TIMES THAT THE MAXIMUM AMOUNT OF STORAGE THAT AN AGENT CAN USE WAS EXCEEDED.
zSTWFP1	INT	4	(IBM name: QISTWFP1) NUMBER OF TIMES THAT SPACE IN A 32KB-PAGE TABLE SPACE WAS USED BECAUSE SPACE IN A 4KB-PAGE TABLE SPACE WAS NOT AVAILABLE.
zSTWFP2	INT	4	(IBM name: QISTWFP2) NUMBER OF TIMES THAT SPACE IN A 4KB-PAGE TABLE SPACE WAS USED BECAUSE SPACE IN A 32KB-PAGE TABLE SPACE WAS NOT AVAILABLE.
zSTRCCI	INT	4	(IBM name: QISTRCCI) NUMBER OF ROWS THAT WERE SKIPPED BY READ TRANSACTIONS BECAUSE UNCOMMITTED INSERTS WERE PERFORMED WHEN CURRENTLY COMMITTED READ WAS IN EFFECT FOR FETCH OPERATIONS.
zSTRCCD	INT	4	(IBM name: QISTRCCD) NUMBER OF ROWS THAT WERE SKIPPED BY READ TRANSACTIONS BECAUSE UNCOMMITTED DELETES WERE PERFORMED WHEN CURRENTLY COMMITTED READ WAS IN EFFECT FOR FETCH OPERATIONS.
zSTRCCU	INT	4	(IBM name: QISTRCCU) NUMBER OF ROWS THAT WERE ACCESSED BY READ TRANSACTIONS WHILE UNCOMMITTED UPDATES EXISTED, BECAUSE CURRENTLY COMMITTED READ BEHAVIOR WAS IN EFFECT FOR FETCH OPERATIONS.
zSTWMXA	INT	8	(IBM name: QISTWMXA) MAXIMUM AMOUNT OF STORAGE THAT CAN BE USED FOR EACH AGENT, IN KB. CORRESPONDS TO THE MAXTEMPS SUBSYSTEM PARAMETER VALUE.
zSTWMXU	INT	8	(IBM name: QISTWMXU) MAXIMUM TOTAL AMOUNT OF STORAGE THAT THE SYSTEM HAS USED IN THE WORK FILE DATABASE SINCE DB2 STARTUP FOR DECLARED TEMPORARY TABLES AND FOR ALL OTHER PURPOSES, IN KB. THIS VALUE IS 0 AT DB2 RESTART.
zSTWCTO	INT	8	

			(IBM name: QISTWCTO) CURRENT AMOUNT OF STORAGE THAT THE SYSTEM IS USING IN THE WORK FILE DATABASE FOR DECLARED TEMPORARY TABLES AND FOR ALL OTHER PURPOSES, IN KB.
zSTW4K	INT	8	(IBM name: QISTW4K) TOTAL AMOUNT OF STORAGE THAT IS CURRENTLY BEING USED FOR 4KB TABLE SPACES, IN KB.
zSTW32K	INT	8	(IBM name: QISTW32K) TOTAL AMOUNT OF STORAGE THAT IS CURRENTLY BEING USED FOR 32KB TABLE SPACES, IN KB. TOTAL AMOUNT OF STORAGE THAT IS CURRENTLY BEING USED FOR
zSTIMAC	INT	8	(IBM name: QISTIMAC) THE NUMBER OF SORT-RELATED IN-MEMORY DATA MANAGER WORK FILES THAT ARE CURRENTLY ACTIVE.
zSTIMSC	INT	8	(IBM name: QISTIMSC) TOTAL AMOUNT OF SPACE, IN KILOBYTES, THAT IS USED FOR IN-MEMORY WORK FILES.
zSTIMAH	INT	8	(IBM name: QISTIMAH) MAXIMUM NUMBER OF ACTIVE SORT-RELATED, IN-MEMORY DATA MANAGER WORK FILES AT ANY POINT IN TIME SINCE THE DB2 SUBSYSTEM STARTED.
zSTIMSH	INT	8	(IBM name: QISTIMSH) MAXIMUM AMOUNT OF SPACE, IN KILOBYTES, THAT WAS USED FOR ACTIVE IN-MEMORY WORK FILES AT ANY POINT IN TIME SINCE THE DB2 SUBSYSTEM STARTED.
zSTSIAC	INT	8	(IBM name: QISTSIAC) THE NUMBER OF IN-MEMORY WORK FILES FOR SORTS THAT ARE CURRENTLY ACTIVE.
zSTSISC	INT	8	(IBM name: QISTSISC) TOTAL AMOUNT OF SPACE, IN BYTES, THAT WAS USED FOR CURRENTLY ACTIVE IN-MEMORY WORK FILES FOR SORTS.
zSTSI AH	INT	8	(IBM name: QISTSI AH) MAXIMUM NUMBER OF ACTIVE IN-MEMORY WORK FILES FOR SORTS AT ANY POINT IN TIME SINCE THE DB2 SUBSYSTEM STARTED.
zSTSISH	INT	8	(IBM name: QISTSISH) MAXIMUM AMOUNT OF SPACE, IN BYTES, THAT WAS USED FOR ACTIVE IN-MEMORY WORK FILES FOR SORTS AT ANY POINT IN TIME SINCE THE DB2 SUBSYSTEM STARTED.
zSTWFRHIG	INT	8	(IBM name: QISTWFRHIG) HIGHEST NUMBER OF RID BLOCKS THAT OVERFLOWED TO A WORK FILE AT ANY TIME SINCE DB2 STARTUP.
zSTWFRCUR	INT	8	(IBM name: QISTWFRCUR) NUMBER OF RID BLOCKS THAT CURRENTLY RESIDE IN WORK FILE STORAGE.
zSTI2AC	INT	8	(IBM name: QISTI2AC) THE NUMBER OF NON-SORT-RELATED IN-MEMORY DATA MANAGER WORK FILES THAT ARE CURRENTLY ACTIVE.
zSTI2AH	INT	8	(IBM name: QISTI2AH) MAXIMUM NUMBER OF ACTIVE NON-SORT-RELATED, IN-MEMORY DATA MANAGER WORK FILES AT ANY POINT IN TIME SINCE THE DB2 SUBSYSTEM STARTED.
zSTI2OF	INT	8	(IBM name: QISTI2OF) NUMBER OF TIMES SINCE THE DB2 SUBSYSTEM STARTED THAT TYPE 2 IN-MEMORY WORK FILES OVERFLOWED A PHYSICAL TABLE SPACE.
zSTIMNC	INT	8	(IBM name: QISTIMNC) NUMBER OF TIMES SINCE THE DB2 SUBSYSTEM STARTED THAT A DATA MANAGER IN-MEMORY WORK FILE WAS NOT CREATED BECAUSE OF A CRITICAL STORAGE CONDITION.
zSTASTH	INT	4	(IBM name: QISTASTH) PERCENTAGE OF SPACE THAT HAS BEEN USED IN THE WORK FILE DATABASE BY A SINGLE AGENT WHEN DB2 ISSUES AN ALERT. THIS VALUE IS THE SAME AS THE VALUE OF SUBSYSTEM PARAMETER WFSTGUSE_AGENT_THRESHOLD.

zSTSSTH	INT	4	(IBM name: QISTSSTH) PERCENTAGE OF SPACE THAT HAS BEEN USED IN THE WORK FILE DATABASE BY ALL AGENTS IN THE SUBSYSTEM WHEN DB2 ISSUES AN ALERT. THIS VALUE IS THE SAME AS THE VALUE OF SUBSYSTEM PARAMETER WFSTGUSE_SYSTEM_THRESHOLD.
zSTAMXU	INT	8	(IBM name: QISTAMXU) THE LARGEST AMOUNT OF STORAGE IN THE WORK FILE DATABASE, IN KB, THAT HAS BEEN USED BY A SINGLE AGENT SINCE THE DB2 SUBSYSTEM STARTED.
zSTWSTG	INT	8	(IBM name: QISTWSTG) THE CURRENT AMOUNT OF STORAGE, IN KB, THAT IS CONFIGURED FOR ALL TABLE SPACES IN THE WORK FILE DATABASE.
zSTDGTTSTG	INT	8	(IBM name: QISTDGTTSTG) THE TOTAL AMOUNT OF STORAGE IN THE WORK FILE DATABASE, IN KB, THAT IS CONFIGURED FOR DECLARED TEMPORARY TABLES.
zSTDGTTCTO	INT	8	(IBM name: QISTDGTTCTO) THE CURRENT AMOUNT OF STORAGE, IN KB, THAT HAS BEEN USED BY ALL AGENTS FOR DECLARED TEMPORARY TABLES SINCE THE DB2 SUBSYSTEM STARTED.
zSTDGTTMXU	INT	8	(IBM name: QISTDGTTMXU) THE LARGEST AMOUNT OF STORAGE IN THE WORK FILE DATABASE, IN KB, THAT HAS BEEN USED BY ALL AGENTS FOR DECLARED TEMPORARY TABLES SINCE THE DB2 SUBSYSTEM STARTED.
zSTWFSTG	INT	8	(IBM name: QISTWFSTG) THE TOTAL AMOUNT OF STORAGE IN THE WORK FILE DATABASE, IN KB, THAT IS CONFIGURED FOR USES OTHER THAN DECLARED TEMPORARY TABLES.
zSTWFCTO	INT	8	(IBM name: QISTWFCTO) THE CURRENT AMOUNT OF STORAGE, IN KB, THAT HAS BEEN USED BY ALL AGENTS FOR USES OTHER THAN DECLARED TEMPORARY TABLES SINCE THE DB2 SUBSYSTEM STARTED.
zSTWFMXU	INT	8	(IBM name: QISTWFMXU) THE LARGEST AMOUNT OF STORAGE IN THE WORK FILE DATABASE, IN KB, THAT HAS BEEN USED BY ALL AGENTS FOR USES OTHER THAN DECLARED TEMPORARY TABLES SINCE THE DB2 SUBSYSTEM STARTED.
zSTINPA	INT	8	(IBM name: QISTINPA) THE NUMBER OF DM FAST INSERT PIPES THAT WERE ALLOCATED SINCE DB2 RESTART.
zSTINPD	INT	8	(IBM name: QISTINPD) THE NUMBER OF DM FAST INSERT PIPES THAT WERE DISABLED SINCE DB2 RESTART.
zSTTRAVMIN	INT	4	(IBM name: QISTTRAVMIN) THE MINIMUM NUMBER OF INDEX TRAVERSALS THAT NEED TO OCCUR BEFORE FAST INDEX TRAVERSAL IS USED.
zSTFTBCANT	INT	4	(IBM name: QISTFTBCANT) THE TOTAL NUMBER OF INDEXES THAT MEET THE CRITERIA FOR FAST INDEX TRAVERSAL.
zSTFTBCAN	INT	4	(IBM name: QISTFTBCAN) THE TOTAL NUMBER OF INDEXES THAT MEET FAST INDEX TRAVERSAL CRITERIA WHEN THE TRAVERSE COUNT IS ABOVE THE MINIMUM.
zSTFTBSIZE	INT	4	(IBM name: QISTFTBSIZE) THE TOTAL AMOUNT OF MEMORY THAT IS ALLOCATED ON THIS DATA SHARING MEMBER FOR FAST INDEX TRAVERSAL.
zSTFTBNUMP	INT	4	(IBM name: QISTFTBNUMP) THE NUMBER OF INDEXES FOR WHICH FAST INDEX TRAVERSAL WAS USED DURING THE PREVIOUS IN-MEMORY OPTIMIZATION.
zSTFTBNUMC	INT	4	(IBM name: QISTFTBNUMC) THE NUMBER OF INDEXES FOR WHICH FAST INDEX TRAVERSAL IS USED DURING THE CURRENT IN-MEMORY OPTIMIZATION.

Secondary segment: **SMF100_Lock**

Field Name	Type	Len	Description
<i>SMF100_Lock.<fieldname></i>			
zDEA	INT	4	(IBM name: QTXADEA) DEADLOCK COUNT. THIS FIELD COUNTS THE NUMBER OF TIMES DEADLOCKS WERE DETECTED. THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zSLOC	INT	4	(IBM name: QTXASLOC) NUMBER OF SUSPENDS BECAUSE OF LOCK CONFLICT. THE NUMBER OF TIMES A LOCK COULD NOT BE OBTAINED AND THE UNIT OF WORK WAS SUSPENDED. SUSPENSIONS ARE HIGHLY DEPENDENT ON THE APPLICATION AND TABLE SPACE LOCKING PROTOCOLS. THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zTIM	INT	4	(IBM name: QTXATIM) LOCK TIMEOUT COUNT. NUMBER OF TIMES A UNIT OF WORK WAS SUSPENDED FOR A TIME THAT EXCEEDED THE TIME OUT VALUE. (SEE FIELD QWPZTOUT IN IFCID 0106.) THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zLES	INT	4	(IBM name: QTXALES) COUNT OF LOCK ESCALATIONS TO SHARED MODE. THIS FIELD REPRESENTS THE NUMBER OF TIMES THE VALUE SPECIFIED IN THE 'LOCKS PER TABLE(SPACE)' INSTALLATION PARAMETER ON IRLM PANEL 2 (DSNTIPJ) OR IN THE LOCKMAX CLAUSE OF THE CREATE TABLESPACE STATEMENT WAS EXCEEDED AND THE TABLE SPACE LOCK WAS PROMOTED FROM A PAGE OR ROW LOCK (IS) TO A TABLE OR TABLE SPACE LOCK FOR THIS THREAD. ESCALATION CAN CAUSE UNPREDICTABLE RESPONSE TIMES. LOCK ESCALATION SHOULD ONLY HAPPEN WHEN AN APPLICATION PROCESS UPDATES OR REFERENCES (IF REPEATABLE READ IS USED) MORE PAGES OR ROWS THAN IT NORMALLY DOES.
zLEX	INT	4	(IBM name: QTXALEX) COUNT OF LOCK ESCALATIONS TO EXCLUSIVE MODE. THIS FIELD REPRESENTS THE NUMBER OF TIMES THE VALUE SPECIFIED IN THE 'LOCKS PER TABLE(SPACE)' INSTALLATION PARAMETER ON IRLM PANEL 2 (DSNTIPJ) OR IN THE LOCKMAX CLAUSE OF THE CREATE TABLESPACE STATEMENT WAS EXCEEDED AND THE TABLE SPACE LOCK WAS PROMOTED FROM A PAGE OR ROW LOCK (IX) TO A TABLE OR TABLE SPACE LOCK (X) FOR THIS THREAD. ESCALATION CAN CAUSE UNPREDICTABLE RESPONSE TIMES. LOCK ESCALATION SHOULD ONLY HAPPEN ON AN EXCEPTION BASIS: FOR EXAMPLE, WHEN AN APPLICATION PROCESS UPDATES OR REFERENCES (IF REPEATABLE READ IS USED) MORE PAGES OR ROWS THAN IT NORMALLY DOES.
zNPL	INT	4	(IBM name: QTXANPL) MAXIMUM NUMBER OF PAGE OR ROW LOCKS HELD. THIS IS A COUNT OF THE MAXIMUM NUMBER OF PAGE OR ROW LOCKS CONCURRENTLY HELD BY A SINGLE APPLICATION DURING ITS EXECUTION. THIS COUNT CANNOT EXCEED THE 'LOCKS PER USER' INSTALLATION PARAMETER VALUE (PANEL DSNTIPJ). THIS FIELD IS NOT APPLICABLE FOR STATISTICS IFCID 0002: IT IS APPLICABLE FOR ACCOUNTING IFCID 0003 AND MONITOR IFCID 0148.
zFLG1	HEX	1	(IBM name: QTXAFLG1) FIRST FLAG BYTE: X'80'='Infinite Limit' X'40'='No Run or Zero Limit'. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zRLID	CHAR	2	(IBM name: QTXARLID) RESOURCE LIMIT SPECIFICATION TABLE ID. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zPREC	INT	4	(IBM name: QTXAPREC) HOW LIMIT WAS DETERMINED: 1 = LIMIT FROM SPECIFIC AUTHID AND PLAN 2 = LIMIT FROM SPECIFIC AUTHID RUNNING ANY PLAN 3 = LIMIT FROM SPECIFIC PLAN NAME FOR ANY AUTHID 4 = LIMIT FROM BLANK AUTHID AND PLAN 5 = LIMIT FROM INSTALL -- NO ENTRY 6 = LIMIT FROM INSTALL -- I/O ERROR 7 = NO LIMIT -- USER HAS SYSADM/SYSOPR AUTHORITY 8 = LIMIT FROM SPECIFIC AUTHID, COLLECTION, AND PACKAGE 9 = LIMIT FROM SPECIFIC AUTHID RUNNING ANY PACKAGE 10 = LIMIT FROM SPECIFIC AUTHID

			RUNNING ANY COLLECTION 11 = LIMIT FROM AUTHID RUNNING ANY PACKAGE AND COLLECTION 12 = LIMIT FROM SPECIFIC PACKAGE AND COLLECTION FOR ANY AUTHID 13 = LIMIT FROM ANY AUTHID AND ANY PACKAGE 14 = LIMIT FROM ANY AUTHID AND ANY COLLECTION 15 = LIMIT FROM ANY AUTHID, PACKAGE, AND COLLECTION (CONTROLLED BY PACKAGE) THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zSLMT	INT	4	(IBM name: QTXASLMT) LIMIT IN SERVICE UNITS AS DEFINED IN THE ASUTIME COLUMN IN THE RESOURCE LIMIT SPECIFICATION TABLE. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zCLMT	TIME	4	(IBM name: QTXACLMT) INTERNAL CPU LIMIT (IN 16-MICROSECOND UNITS). THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zCHUS	TIME	4	(IBM name: QTXACHUS) HIGHEST CPU (IN 16-MICROSECOND UNITS) USED IN A SUCCESSFUL DB2 INTERNAL CALL, RATHER THAN IN A SINGLE SQL STATEMENT. BECAUSE THERE ARE USUALLY MANY DB2 CALLS FOR EACH SQL STATEMENT, THIS VALUE COULD BE QUITE SMALL COMPARED TO THE TOTAL CPU TIME USED IN THE SQL STATEMENT. ALSO, ONLY TIMES FOR SUCCESSFUL DB2 CALLS ARE USED TO DETERMINE THE VALUE OF THIS FIELD. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zSLAT	INT	4	(IBM name: QTXASLAT) SUSPEND COUNT BECAUSE OF IRLM LATCH CONFLICT.
zSOTH	INT	4	(IBM name: QTXASOTH) SUSPEND COUNT DUE TO OTHER REASONS. OTHER REASONS INCLUDE: - IRLM SYNC REQUESTS - UP TO ONE REQUEST PER AGENT CANCELLED. - IRLM SYNCHRONOUS NOTIFIES. EXAMPLES INCLUDE: - REQUESTS TO INVALID DBDS IN OTHER MEMBERS - REQUESTS FOR A DATA SET EXTEND - REQUESTS FOR DROP OR REVOKE TO INVALID EDM AUTHORIZATION CACHES IN OTHER MEMBERS - GBP RECOVERY.
zLOCK	INT	4	(IBM name: QTXALOCK) LOCK REQUEST COUNT.
zUNLK	INT	4	(IBM name: QTXAUNLK) UNLOCK REQUEST COUNT.
zQRY	INT	4	(IBM name: QTXAQRY) QUERY REQUEST COUNT.
zCHG	INT	4	(IBM name: QTXACHG) CHANGE REQUEST COUNT.
zIRLM	INT	4	(IBM name: QTXAIRLM) OTHER IRLM REQUEST COUNT.
zCLNO	INT	4	(IBM name: QTXACLNO) NUMBER OF CLAIM REQUESTS.
zCLUN	INT	4	(IBM name: QTXACLUN) NUMBER OF UNSUCCESSFUL CLAIM REQUESTS.
zDRNO	INT	4	(IBM name: QTXADRNO) NUMBER OF DRAIN REQUESTS.
zDRUN	INT	4	(IBM name: QTXADRUN) NUMBER OF UNSUCCESSFUL DRAIN REQUESTS.

Secondary segment: **SMF100_EDM_Pool**

Field Name	Type	Len	Description
<i>SMF100_EDM_Pool.<fieldname></i>			
zFAIL	INT	4	(IBM name: QISEFAIL) NUMBER OF FAILURES CAUSED BY A FULL EDM POOL. THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zPAGE	INT	4	

			(IBM name: QISEPAGE) NOT USED.
zCTG	INT	4	(IBM name: QISECTG) NUMBER OF REQUESTS FOR CURSOR TABLE SECTIONS.
zCTL	INT	4	(IBM name: QISECTL) NUMBER OF TIMES THE CURSOR TABLE SECTIONS WERE NOT FOUND IN THE EDM POOL. IF YOU SUBTRACT THIS FIELD FROM FIELD QISECTG, YOU GET THE NUMBER OF TIMES THE CURSOR TABLE (CT) WAS ALREADY IN THE EDM POOL.
zCT	INT	4	(IBM name: QISECT) NOT USED.
zFREE	INT	4	(IBM name: QISEFREE) NOT USED.
zSTMT	INT	4	(IBM name: QISESTMT) NUMBER OF STATEMENTS IN THE EDM POOL.
zDBDG	INT	4	(IBM name: QISEDDBG) NUMBER OF REQUESTS FOR A DBD.
zDBDL	INT	4	(IBM name: QISEDBDL) NUMBER OF TIMES THE DBD WAS NOT FOUND IN THE EDM POOL. IF YOU SUBTRACT THIS FIELD FROM FIELD QISEDDBG, YOU GET THE NUMBER OF TIMES THE DBD WAS ALREADY IN THE EDM POOL.
zKTG	INT	4	(IBM name: QISEKTG) NUMBER OF REQUESTS FOR PACKAGE TABLE SECTIONS.
zKTL	INT	4	(IBM name: QISEKTL) NUMBER OF TIMES THE PACKAGE TABLE SECTIONS WERE NOT FOUND IN THE EDM POOL. IF YOU SUBTRACT THIS FIELD FROM FIELD QISEKTG, YOU GET THE NUMBER OF TIMES THE PACKAGE TABLE WAS ALREADY IN THE EDM POOL.
zKT	INT	4	(IBM name: QISEKT) NOT USED.
zDSI	INT	4	(IBM name: QISEDSSI) NUMBER OF INSERTS INTO THE DYNAMIC STATEMENT CACHE.
zDSG	INT	4	(IBM name: QISEDSSG) NUMBER OF REQUESTS FOR THE DYNAMIC STATEMENT CACHE.
zDBD	INT	4	(IBM name: QISEDDBD) NUMBER OF PAGES USED FOR DBDS.
zDFAL	INT	4	(IBM name: QISEDFAL) NUMBER OF FAILURES BECAUSE THE DBD POOL WAS FULL.
zDPGE	INT	4	(IBM name: QISEDPGE) NUMBER OF PAGES IN THE THE EDM DBD CACHE.
zDFRE	INT	4	(IBM name: QISEDFRE) NUMBER OF FREE PAGES IN THE DBD FREE CHAIN.
zDYNP	INT	4	(IBM name: QISEDYNP) NUMBER OF PAGES USED IN THE STATEMENT POOL.
zCFAL	INT	4	(IBM name: QISECFAL) NUMBER OF FAILURES BECAUSE THE STATEMENT POOL WAS FULL.
zCPGE	INT	4	(IBM name: QISECPGE) NUMBER OF PAGES IN THE STATEMENT POOL.
zSKCT	INT	4	(IBM name: QISESKCT) NUMBER OF PAGES USED IN THE SKCT EDM POOL.
zSKPT	INT	4	(IBM name: QISESKPT) NUMBER OF PAGES USED FOR THE SKPT.
zKFAL	INT	4	(IBM name: QISEKFAL) NUMBER OF FAILURES BECAUSE THE SKELETON POOL WAS FULL.
zKPGE	INT	4	(IBM name: QISEKPGE) NUMBER OF PAGES IN THE SKELETON EDM POOL.
zKFRE	INT	4	(IBM name: QISEKFRE) NUMBER OF FREE PAGES IN THE SKELETON EDM POOL FREE

			CHAIN.
zCTA	INT	4	(IBM name: QISECTA) NO LONGER USED. SEE FIELD QISESQCA.
zKTA	INT	4	(IBM name: QISEKTA) NO LONGER USED. SEE FIELD QISESQCA.
zSFAL	INT	4	(IBM name: QISESFAL) NUMBER OF FAILURES BECAUSE THE STATEMENT-ABOVE-THE-BAR POOL WAS FULL.
zSPGE	INT	4	(IBM name: QISESPGE) NO LONGER USED.
zSFRE	INT	4	(IBM name: QISESFRE) NO LONGER USED.
zKNFM	INT	4	(IBM name: QISEKNFM) NUMBER OF NOT-FOUND RECORDS THAT WERE FOUND IN THE EDM CACHE DURING ALL SEARCHES OF COLLECTION_ID.PACKAGE_NAME COMBINATIONS. A NOT-FOUND RECORD IS A HASH RECORD THAT DB2 CREATES FOR A COLLECTION_ID.PACKAGE_NAME COMBINATION THAT DOES NOT EXIST IN THE DB2 SUBSYSTEM. DB2 CREATES THE NOT-FOUND RECORD WHEN IT EXECUTES A BIND PLAN COMMAND THAT CONTAINS A PKLIST KEYWORD WHOSE ARGUMENT IS SEVERAL COLLECTION IDS WITH WILD CARDS (*). FOR EXAMPLE: PKLIST(COLLID1.*, COLLID2.*). WHEN DB2 EXECUTES THE PLAN, DB2 SEARCHES COLLECTION_ID.PACKAGE_NAME COMBINATIONS ACCORDING TO THE SPECIFICATION IN THE PKLIST ARGUMENTS. DB2 EXECUTES THE FIRST PACKAGE THAT IT FINDS THAT MATCHES COLLECTION_ID.PACKAGE_NAME. FOR COLLECTION_ID.PACKAGE_NAME COMBINATIONS THAT ARE NOT FOUND, DB2 CREATES NOT-FOUND RECORDS IN A CACHE, TO SAVE TIME DURING SUBSEQUENT SEARCHES. A HIDDEN SUBSYSTEM PARAMETER SETS THE UPPER LIMIT ON THE NUMBER OF NOT-FOUND RECORDS THAT CAN EXIST IN THE CACHE AT ONE TIME. DB2 REMOVES THE EXCESS NOT-FOUND RECORDS FROM THE CACHE PERIODICALLY.
zKNFA	INT	4	(IBM name: QISEKNFA) NUMBER OF NOT-FOUND RECORDS THAT WERE ADDED TO THE EDM CACHE DURING ALL SEARCHES OF COLLECTION_ID.PACKAGE_NAME COMBINATIONS.
zKNFR	INT	4	(IBM name: QISEKNFR) NUMBER OF NOT-FOUND RECORDS THAT WERE REMOVED FROM THE EDM CACHE.
zKSPG	INT	4	(IBM name: QISEKSPG) TOTAL NUMBER OF REQUESTS FOR SHAREABLE STATIC SQL STATEMENTS.
zKSPA	INT	4	(IBM name: QISEKSPA) RESERVED.
zKLRU	INT	4	(IBM name: QISEKLRU) TOTAL NUMBER OF SKPT PAGES THAT CAN BE REUSED.
zDLRU	INT	4	(IBM name: QISEDLRU) TOTAL NUMBER OF DBD PAGES THAT CAN BE REUSED.
zSQCB	INT	4	(IBM name: QISESQCB) AMOUNT OF STORAGE BELOW THE BAR THAT WAS ALLOCATED FOR PLANS.
zSQKB	INT	4	(IBM name: QISESQKB) AMOUNT OF STORAGE BELOW THE BAR THAT WAS ALLOCATED FOR PACKAGES.
zSQCA	INT	8	(IBM name: QISESQCA) AMOUNT OF STORAGE ABOVE THE BAR THAT WAS ALLOCATED FOR PLANS.
zSQKA	INT	8	(IBM name: QISESQKA) AMOUNT OF STORAGE ABOVE THE BAR THAT WAS ALLOCATED FOR PACKAGES.
zKSPA8	INT	8	(IBM name: QISEKSPA8) TOTAL AMOUNT OF STORAGE THAT IS ALLOCATED TO SHAREABLE STATIC SQL STATEMENTS.

zDPSL	INT	8	(IBM name: QISEDPSL) NUMBER OF REQUESTS TO LOOK FOR STABILIZED DYNAMIC SQL STATEMENTS.
zDPSC	INT	8	(IBM name: QISEDPSC) NUMBER OF TIMES THAT A ROW WAS FOUND IN SYSIBM.SYSDYNQRY THAT MIGHT SATISFY THE REQUEST FOR A STABILIZED DYNAMIC SQL STATEMENT.
zDPSM	INT	8	(IBM name: QISEDPSM) NUMBER OF TIMES THAT A STABILIZED DYNAMIC SQL STATEMENT WAS FOUND THROUGH A MATCH OF TEXT OR BIND OPTIONS.
zDPSF	INT	8	(IBM name: QISEDPSF) NUMBER OF TIMES THAT A STABILIZED DYNAMIC SQL STATEMENT WAS FOUND FOR A DYNAMIC SQL STATEMENT.

Secondary segment: SMF100_QBGL_Group_Buffer_Pool

Field Name	Type	Len	Description
<i>SMF100_QBGL_Group_Buffer_Pool.<fieldname></i>			
zGN	INT	4	(IBM name: QBGLGN) GROUP BUFFER POOL ID.

<i>SMF100_QBGL_Group_Buffer_Pool.zFLG.<fieldname></i>			
zFLG1	BINT (ENUM)	1	

<i>SMF100_QBGL_Group_Buffer_Pool.<fieldname></i>			
zGG	INT	8	(IBM name: QBGLGG) THE NUMBER OF GETPAGE REQUESTS FOR GROUP-BUFFER-POOL-DEPENDENT PAGES.
zXD	INT	8	(IBM name: QBGLXD) THE NUMBER OF SYNCHRONOUS COUPLING FACILITY READ REQUESTS CAUSED BY THE BUFFER BEING MARKED INVALID. DATA IS RETURNED FROM THE GROUP BUFFER POOL.
zXR	INT	8	(IBM name: QBGLXR) THE NUMBER OF SYNCHRONOUS COUPLING FACILITY READ REQUESTS CAUSED BY THE BUFFER BEING MARKED INVALID. DATA IS NOT RETURNED FROM THE GROUP BUFFER POOL AND A DIRECTORY ENTRY IS CREATED IF IT DOES NOT ALREADY EXIST. THIS MEANS ANOTHER DB2 IN THE GROUP HAS R/W INTEREST IN THE PAGE SET OR PARTITION.
zMD	INT	8	(IBM name: QBGLMD) THE NUMBER OF SYNCHRONOUS COUPLING FACILITY READS NECESSARY BECAUSE THE REQUESTED PAGE WAS NOT FOUND IN THE BUFFER POOL TO WHICH DATA WAS RETURNED FROM THE GROUP BUFFER POOL.
zMR	INT	8	(IBM name: QBGLMR) THE NUMBER OF SYNCHRONOUS COUPLING FACILITY READS NECESSARY BECAUSE THE REQUESTED PAGE WAS NOT FOUND IN THE BUFFER POOL TO WHICH DATA WAS NOT RETURNED.
zSW	INT	8	(IBM name: QBGLSW) THE NUMBER OF CHANGED PAGES SYNCHRONOUSLY WRITTEN TO THE GROUP BUFFER POOL UNDER A USER'S EXECUTION UNIT.
zWC	INT	8	(IBM name: QBGLWC) THE NUMBER OF CLEAN PAGES SYNCHRONOUSLY WRITTEN TO THE GROUP BUFFER POOL UNDER A USER'S EXECUTION UNIT.
zCT	INT	8	(IBM name: QBGLCT) THE NUMBER OF TIMES GROUP BUFFER POOL CASTOUT WAS INITIATED BECAUSE THE CLASS CASTOUT THRESHOLD WAS DETECTED.
zGT	INT	8	

			(IBM name: QBGLGT) THE NUMBER OF TIMES GROUP BUFFER POOL CASTOUT WAS INITIATED BECAUSE THE GROUP BUFFER POOL CASTOUT THRESHOLD WAS DETECTED.
zWM	INT	8	(IBM name: QBGLWM) THE NUMBER OF WRITE AND REGISTER MULTIPLE (WARM) REQUESTS. MULTIPLE PAGES ARE WRITTEN FOR EACH REQUEST.
zWS	INT	8	(IBM name: QBGLWS) THE NUMBER OF WRITE AND REGISTER (WAR) REQUESTS. ONE PAGE IS WRITTEN FOR EACH REQUEST.
zEX	INT	8	(IBM name: QBGLEX) THE NUMBER OF EXPLICIT CROSS-INVALIDATIONS.
zAW	INT	8	(IBM name: QBGLAW) THE NUMBER OF CHANGED PAGES ASYNCHRONOUSLY WRITTEN TO THE GROUP BUFFER POOL UNDER A SYSTEM EXECUTION UNIT.
zRC	INT	8	(IBM name: QBGLRC) THE NUMBER OF PAGES CAST OUT FROM THE GROUP BUFFER POOL TO DASD.
zCM	INT	8	(IBM name: QBGLCM) THE NUMBER OF READ-FOR-CASTOUT-MULTIPLE REQUESTS. EACH REQUEST IS FOR MULTIPLE PAGES.
zCR	INT	8	(IBM name: QBGLCR) THE NUMBER OF READ-FOR-CASTOUT REQUESTS. EACH REQUEST IS FOR A SINGLE PAGE.
zWP	INT	8	(IBM name: QBGLWP) THE NUMBER OF PAGES THAT WERE WRITTEN USING WRITE AND REGISTER MULTIPLE.
zWF	INT	8	(IBM name: QBGLWF) THE NUMBER OF COUPLING FACILITY WRITE REQUESTS THAT COULD NOT COMPLETE BECAUSE OF A LACK OF COUPLING FACILITY STORAGE RESOURCES.
zOS	INT	8	(IBM name: QBGLOS) THE NUMBER OF COUPLING FACILITY REQUESTS TO READ STORAGE STATISTICS. THE GROUP BUFFER POOL STRUCTURE OWNER ISSUES THIS REQUEST ONCE FOR EACH CHECKPOINT.
zAC	INT	8	(IBM name: QBGLAC) THE NUMBER OF CLEAN PAGES ASYNCHRONOUSLY WRITTEN TO THE GROUP BUFFER POOL.
zAX	INT	8	(IBM name: QBGLAX) THE NUMBER OF REQUESTS TO REGISTER A PAGE LIST IN THE COUPLING FACILITY. DB2 PREFETCH CAN DO THIS ONLY IF THE GROUP BUFFER POOL IS ALLOCATED IN A COUPLING FACILITY WITH CFLEVEL=2 OR ABOVE.
zAY	INT	8	(IBM name: QBGLAY) THE NUMBER OF COUPLING FACILITY READS TO RETRIEVE A CHANGED PAGE FROM THE GROUP BUFFER POOL AS A RESULT OF FEEDBACK FROM THE REQUEST TO REGISTER A PAGE LIST (SEE QBGLAX).
zCK	INT	8	(IBM name: QBGLCK) THE NUMBER OF GROUP BUFFER POOL CHECKPOINTS TRIGGERED BY THIS MEMBER.
zUN	INT	8	(IBM name: QBGLUN) THE NUMBER OF COUPLING FACILITY REQUESTS TO UNLOCK THE CASTOUT LOCK ON THE PAGES.
zCC	INT	8	(IBM name: QBGLCC) THE NUMBER OF COUPLING FACILITY REQUESTS TO READ THE CASTOUT CLASS.
zCS	INT	8	(IBM name: QBGLCS) THE NUMBER OF COUPLING FACILITY REQUESTS TO READ THE CASTOUT STATISTICS.
zDN	INT	8	(IBM name: QBGLDN) THE NUMBER OF GROUP BUFFER POOL REQUESTS TO DELETE ALL DIRECTORY AND DATA ENTRIES FOR A PAGE SET OR PARTITION. DB2 ISSUES THIS REQUEST WHEN IT CONVERTS A PAGE SET OR

			PARTITION FROM GBP-DEPENDENT TO NON GBP-DEPENDENT. FOR OBJECTS DEFINED WITH GBPCACHE ALL, DB2 ISSUES THIS REQUEST WHEN THE FIRST DB2 MEMBER OPENS THE OBJECT.
zRD	INT	8	(IBM name: QBGLRD) THE NUMBER OF COUPLING FACILITY REQUESTS TO READ DIRECTORY INFORMATION.
zRG	INT	8	(IBM name: QBGLRG) THE NUMBER OF COUPLING FACILITY REQUESTS TO REGISTER A PAGE.
zDG	INT	8	(IBM name: QBGLDG) THE NUMBER OF COUPLING FACILITY REQUESTS TO UNREGISTER A PAGE.
z2F	INT	8	(IBM name: QBGL2F) THE NUMBER OF COUPLING FACILITY REQUESTS TO WRITE CHANGED PAGES TO THE SECONDARY GROUP BUFFER POOL FOR DUPLEXING THAT FAILED DUE TO A LACK OF STORAGE IN THE COUPLING FACILITY.
z2S	INT	8	(IBM name: QBGL2S) THE NUMBER OF COMPLETION CHECKS FOR WRITES TO THE SECONDARY GROUP BUFFER POOL THAT WERE SUSPENDED BECAUSE THE WRITES HAD NOT COMPLETED.
z2D	INT	8	(IBM name: QBGL2D) THE NUMBER OF GROUP BUFFER POOL REQUESTS TO THE SECONDARY GROUP BUFFER POOL TO DELETE A LIST OF PAGES AFTER THEY WERE CAST OUT FROM THE PRIMARY GROUP BUFFER POOL.
z2R	INT	8	(IBM name: QBGL2R) THE NUMBER OF COUPLING FACILITY REQUESTS TO READ THE CASTOUT STATISTICS FOR THE SECONDARY GROUP BUFFER POOL.
z2N	INT	8	(IBM name: QBGL2N) THE NUMBER OF GROUP BUFFER POOL REQUESTS TO DELETE A PAGE FROM THE SECONDARY GROUP BUFFER POOL.
zHS	INT	8	(IBM name: QBGLHS) THE NUMBER OF ASYNCHRONOUS REQUESTS FOR THE PRIMARY GROUP BUFFER POOL.
z2H	INT	8	(IBM name: QBGL2H) THE NUMBER OF ASYNCHRONOUS REQUESTS FOR THE SECONDARY GROUP BUFFER POOL.
zP1	INT	8	(IBM name: QBGLP1) THE NUMBER OF PAGE P-LOCK REQUESTS FOR SPACE MAP PAGES.
zP2	INT	8	(IBM name: QBGLP2) THE NUMBER OF PAGE P-LOCK REQUESTS FOR DATA PAGES.
zP3	INT	8	(IBM name: QBGLP3) THE NUMBER OF PAGE P-LOCK REQUESTS FOR INDEX LEAF PAGES.
zU1	INT	8	(IBM name: QBGLU1) THE NUMBER OF PAGE P-LOCK UNLOCK REQUESTS.
zS1	INT	8	(IBM name: QBGLS1) THE NUMBER OF PAGE P-LOCK SUSPENSIONS FOR SPACE MAP PAGES.
zS2	INT	8	(IBM name: QBGLS2) THE NUMBER OF PAGE P-LOCK SUSPENSIONS FOR DATA PAGES.
zS3	INT	8	(IBM name: QBGLS3) THE NUMBER OF PAGE P-LOCK SUSPENSIONS FOR INDEX LEAF PAGES.
zN1	INT	8	(IBM name: QBGLN1) THE NUMBER OF PAGE P-LOCK NEGOTIATIONS FOR SPACE MAP PAGES.
zN2	INT	8	(IBM name: QBGLN2) THE NUMBER OF PAGE P-LOCK NEGOTIATIONS FOR DATA PAGES.

zN3	INT	8	(IBM name: QBGLN3) THE NUMBER OF PAGE P-LOCK NEGOTIATIONS FOR INDEX LEAF PAGES.
zWA	INT	8	(IBM name: QBGLWA) THE NUMBER OF CHANGED PAGES THAT WERE WRITTEN TO DISK THROUGH GROUP BUFFER POOL WRITE-AROUND DUE TO CONDITIONAL WRITE FAILURES TO THE GROUP BUFFER POOL.

Secondary segment: **SMF100_Global_Locking**

Field Name	Type	Len	Description
<i>SMF100_Global_Locking.<fieldname></i>			
zLPLK	INT	4	(IBM name: QTGSLPLK) THE NUMBER OF LOCK REQUESTS FOR P-LOCKS. QTXALOCK CONTAINS THE NUMBER OF L-LOCK REQUESTS.
zCPLK	INT	4	(IBM name: QTGSCPLK) THE NUMBER OF CHANGE REQUESTS FOR P-LOCKS. QTXACHG CONTAINS THE NUMBER OF CHANGE REQUESTS FOR L-LOCKS.
zUPLK	INT	4	(IBM name: QTGSUPLK) THE NUMBER OF UNLOCK REQUESTS FOR P-LOCKS. QTXAUNLK CONTAINS THE NUMBER OF UNLOCK REQUESTS FOR L-LOCKS.
zLSLM	INT	4	(IBM name: QTGSLSLM) THE NUMBER OF LOCK REQUESTS PROPAGATED TO z/OS XES SYNCHRONOUSLY (THAT IS, UNDER THE USER'S EXECUTION UNIT). THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS COUNTER IS NOT INCREMENTED IF THE REQUEST IS SUSPENDED BEFORE GOING TO XES.
zCSLM	INT	4	(IBM name: QTGSCSLM) THE NUMBER OF CHANGE REQUESTS PROPAGATED TO z/OS XES SYNCHRONOUSLY (THAT IS, UNDER THE USER'S EXECUTION UNIT). THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS COUNTER IS NOT INCREMENTED IF THE REQUEST IS SUSPENDED BEFORE GOING TO XES.
zUSLM	INT	4	(IBM name: QTGSUSLM) THE NUMBER OF IRLM UNLOCK REQUESTS PROPAGATED TO z/OS XES SYNCHRONOUSLY (THAT IS, UNDER THE USER'S EXECUTION UNIT). THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS COUNTER IS NOT INCREMENTED IF THE REQUEST IS SUSPENDED BEFORE GOING TO XES. QTGSUSLM CAN BE LARGER THAN QTXAUNLK BECAUSE OF GENERIC UNLOCKS. QTXAUNLK IS INCREMENTED ONLY ONCE ON A GENERIC UNLOCK, WHILE QTGSUSLM CAN BE INCREMENTED EACH TIME A GLOBAL LOCK IS RELEASED BY THE GENERIC UNLOCK.
zIGLO	INT	4	(IBM name: QTGSIGLO) THE NUMBER OF SUSPENDS CAUSED BY IRLM GLOBAL RESOURCE CONTENTION. (IRLM LOCK STATES WERE IN CONFLICT ON THE SAME RESOURCE.) GLOBAL CONTENTION REQUIRES INTER-SYSTEM COMMUNICATION TO RESOLVE THE LOCK CONFLICT. IN CONTRAST, LOCAL CONTENTION DOES NOT REQUIRE INTER-SYSTEM COMMUNICATION TO RESOLVE THE LOCK CONFLICT. THE SUM OF QTGSIGLO, QTGSSGLO, AND QTGSFLSE GIVES THE TOTAL NUMBER OF SUSPENDS CAUSED BY GLOBAL CONTENTION. QTXASLOC GIVES THE NUMBER OF SUSPENDS CAUSED BY LOCAL RESOURCE CONTENTION.
zSGLO	INT	4	(IBM name: QTGSSGLO) THE NUMBER OF SUSPENDS CAUSED BY z/OS XES GLOBAL RESOURCE CONTENTION (z/OS XES LOCK STATES WERE IN CONFLICT BUT IRLM LOCK STATES WERE NOT). IRLM HAS MANY LOCK STATES, BUT XES IS AWARE ONLY OF THE EXCLUSIVE AND SHARED LOCK STATES.
zFLSE	INT	4	(IBM name: QTGSFLSE) THE NUMBER OF SYNCHRONOUS TO ASYNCHRONOUS HEURISTIC CONVERSIONS FOR LOCK REQUESTS IN XES. THIS CONVERSION IS DONE WHEN XES DETERMINES THAT IT IS MORE EFFICIENT TO DRIVE THE REQUEST ASYNCHRONOUSLY TO THE COUPLING

			FACILITY.
zDRTA	INT	4	(IBM name: QTGSDRTA) THE NUMBER OF GLOBAL LOCK OR CHANGE REQUESTS DENIED BECAUSE OF AN INCOMPATIBLE RETAINED LOCK. FOR INFORMATION ABOUT RETAINED LOCKS, SEE DATA SHARING: PLANNING AND ADMINISTRATION.
zNTFY	INT	4	(IBM name: QTGSNTFY) THE NUMBER OF NOTIFY MESSAGES SENT.
zNTFR	INT	4	(IBM name: QTGSNTFR) THE NUMBER OF NOTIFY MESSAGES RECEIVED.
zKIDS	INT	4	(IBM name: QTGSKIDS) THE NUMBER OF RESOURCES PROPAGATED BY IRLM TO z/OS XES ASYNCHRONOUSLY (THAT IS, UNDER A SYSTEM EXECUTION UNIT). THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS CAN HAPPEN WHEN NEW INTER-DB2 INTEREST OCCURS ON A PARENT RESOURCE OR WHEN A REQUEST COMPLETES AFTER THE REQUESTER'S EXECUTION UNIT WAS SUSPENDED.
zPPPE	INT	4	(IBM name: QTGSPPE) THE NUMBER OF TIMES THIS DB2 WAS DRIVEN TO NEGOTIATE A PAGE SET OR PARTITION P-LOCK BECAUSE OF CHANGING INTER-DB2 INTEREST LEVELS ON THE PAGE SET OR PARTITION.
zPGPE	INT	4	(IBM name: QTGSPGPE) THE NUMBER OF TIMES THIS DB2 WAS DRIVEN TO NEGOTIATE A PAGE P-LOCK BECAUSE OF INTER-DB2 P-LOCK CONTENTION.
zOTPE	INT	4	(IBM name: QTGSOTPE) THE NUMBER OF TIMES THIS DB2 WAS DRIVEN TO NEGOTIATE ANOTHER P-LOCK TYPE (OTHER THAN PAGE SET/PARTITION OR PAGE).
zCHNP	INT	4	(IBM name: QTGSCHNP) THE NUMBER OF TIMES A P-LOCK CHANGE REQUEST WAS ISSUED DURING P-LOCK NEGOTIATION.
zPEMX	INT	4	(IBM name: QTGSPEMX) THE MAXIMUM NUMBER OF ENGINES AVAILABLE FOR P-LOCK EXIT OR NOTIFY EXIT REQUESTS.
zPEQW	INT	4	(IBM name: QTGSPEQW) THE NUMBER OF TIMES AN ENGINE IS NOT AVAILABLE FOR A P-LOCK EXIT OR A NOTIFY EXIT REQUEST.
zFLMG	INT	4	(IBM name: QTGSFLMG) THE NUMBER OF FALSE CONTENTIONS FOR LOCK AND UNLOCK REQUESTS. A FALSE CONTENTION OCCURS WHEN DIFFERENT RESOURCE NAMES HASH TO THE SAME ENTRY IN THE COUPLING FACILITY LOCK TABLE. THE COUPLING FACILITY DETECTS CONTENTION WITHIN THE HASH ENTRY, AND XES USES INTER-SYSTEM MESSAGING TO DETERMINE THAT NO RESOURCE CONTENTION EXISTS. IF XES APAR OA12164 AND IRLM APAR PK85159 ARE APPLIED, THIS COUNTER REPORTS FALSE CONTENTIONS FOR THE DATA SHARING MEMBER AGAINST WHICH AN ACCOUNTING TRACE IS RUN. WHEN THESE APARS ARE NOT APPLIED, THIS COUNTER IS MAINTAINED ON EACH LPAR. THEREFORE, THIS COUNTER OVER-REPORTS FALSE CONTENTIONS IN CASES WHERE MULTIPLE MEMBERS FROM THE SAME DATA SHARING GROUP RUN ON THE SAME z/OS IMAGE. THIS FIELD CONTAINS 'X'FF' IF DATA IS UNAVAILABLE BECAUSE AN ERROR WAS RETURNED FROM THE XES SERVICE CALL.
zCREJ	INT	4	(IBM name: QTGSCREJ) THE NUMBER OF DB2 LOCK REQUESTS TO XES THAT FAILED BECAUSE XES COULD NOT PROCESS THEM IMMEDIATELY.

SMF100_Global_Locking.zFLGS.<fieldname>			
zFLG1	BINT (ENUM)	1	

Secondary segment: SMF100_Language_Environment

Field Name	Type	Len	Description
<i>SMF100_Language_Environment.<fieldname></i>			
<i>SMF100_Language_Environment.zHEAD.<fieldname></i>			
zID	INT	2	(IBM name: QLID) CONTROL BLOCK ID.
zLEN	INT	2	(IBM name: QLLEN) CONTROL BLOCK LENGTH.
zEYE	CHAR	4	(IBM name: QLEYE) CONTROL BLOCK EYE CATCHER.
<i>SMF100_Language_Environment.zSTATS.<fieldname></i>			
zCREAT	INT	4	(IBM name: QLCREAT) THE TOTAL NUMBER OF LE TOKENS THAT WERE CREATED SINCE THE LAST SUBSYSTEM STARTUP.
zTRMST	INT	4	(IBM name: QLTRMST) THE TOTAL NUMBER OF LE TOKENS THAT WERE TERMINATED SINCE THE LAST SUBSYS STARTUP DUE TO STORAGE SHORTAGE CONDITIONS.
zTRMER	INT	4	(IBM name: QLTRMER) RESERVED.
zTRMDL	INT	4	(IBM name: QLTRMDL) RESERVED.
zNUMEC	INT	4	(IBM name: QLNUMEC) THE CURRENT NUMBER OF LE TOKENS.
zNUMEM	INT	4	(IBM name: QLNUMEM) THE MAXIMUM NUMBER OF LE TOKENS SINCE STARTUP.
zNUMIC	INT	4	(IBM name: QLNUMIC) RESERVED.
zNUMIM	INT	4	(IBM name: QLNUMIM) RESERVED.
zTGEC	INT	4	(IBM name: QLTGEC) TOTAL STORAGE ABOVE THE LINE THAT IS COMMITTED TO LE TOKENS.
zTGEM	INT	4	(IBM name: QLTGEM) MAXIMUM AMOUNT OF STORAGE ABOVE THE LINE SINCE STARTUP
zTGIC	INT	4	(IBM name: QLTGIC) AMOUNT OF STORAGE ABOVE THE LINE THAT IS COMMITTED TO IDLE LE TOKENS.
zTGIM	INT	4	(IBM name: QLTGIM) MAXIMUM AMOUNT OF STORAGE ABOVE THE LINE THAT IS COMMITTED TO IDLE LE TOKENS.
zLOWEC	INT	4	(IBM name: QLOWEC) TOTAL STORAGE BELOW THE LINE THAT IS COMMITTED TO LE TOKENS.
zLOWEM	INT	4	(IBM name: QLOWEM) MAXIMUM AMOUNT OF STORAGE BELOW THE LINE SINCE STARTUP
zLOWIC	INT	4	(IBM name: QLOWIC) AMOUNT OF STORAGE BELOW THE LINE THAT IS COMMITTED TO IDLE LE TOKENS.
zLOWIM	INT	4	(IBM name: QLOWIM) MAXIMUM AMOUNT OF STORAGE BELOW THE LINE THAT IS COMMITTED TO IDLE LE TOKENS.
zSTG1M	INT	4	(IBM name: QLSTG1M) MAXIMUM AMOUNT OF STORAGE ABOVE THE LINE THAT IS COMMITTED TO A SINGLE LE TOKEN.
zLOW1M	INT	4	(IBM name: QLOW1M) MAXIMUM AMOUNT OF STORAGE BELOW THE LINE THAT IS

			COMMITTED TO A SINGLE LE TOKEN.
zUSED	INT	8	(IBM name: QLUSED) NUMBER OF TIMES SINCE STARTUP THAT AN LE TOKEN WAS ACQUIRED FOR USE.
zTIME	INT	8	(IBM name: QLTIME) AMOUNT OF TIME SINCE STARTUP THAT WAS USED FOR ACQUIRING AN LE TOKEN.
zNTRDY	INT	8	(IBM name: QLNTRDY) THE NUMBER OF TIMES THAT AN LE TOKEN IS NOT AVAILABLE. A DELAY CAN OCCUR IN AN APPLICATION BECAUSE AN LE TOKEN WAS NOT AVAILABLE. IF THIS NUMBER IS VERY LARGE, IT CAN INDICATE THAT THE VALUE OF MAXIMUM LE TOKENS ON INSTALLATION PANEL DSNTIP7 IS TOO SMALL. NUMBER IS VERY LARGE, IT CAN INDICATE THAT THE VALUE OF MAXIMUM LE TOKENS ON INSTALLATION PANEL DSNTIP7 IS TOO SMALL.
zTIMEW	INT	8	(IBM name: QLTIMEW) TOTAL TIME SPENT WAITING FOR LE TOKENS. IF THIS
zTIMEI	INT	8	(IBM name: QLTIMEI) TOTAL TIME USED FOR CREATING LE TOKENS. TO GET THE AVERAGE AMOUNT OF TIME USED FOR CREATING AN LE TOKEN, DIVIDE THIS VALUE BY QLECREAT.
zTIMET	INT	8	(IBM name: QLTIMET) TOTAL TIME USED FOR TERMINATING LE TOKENS. TO GET THE AVERAGE AMOUNT OF TIME USED FOR TERMINATING AN LE TOKEN, DIVIDE THIS VALUE BY QLETRMST.
zTIMEM	INT	8	(IBM name: QLTIMEM) MAXIMUM AMOUNT OF TIME SINCE STARTUP THAT ANY SINGLE LE TOKEN WAS ACQUIRED FOR USE.

Secondary segment: **SMF100_Star_Join**

Field Name	Type	Len	Description
<i>SMF100_Star_Join.<fieldname></i>			
zTRY	INT	4	(IBM name: QISJTRY) (S) RESERVED.
zFAIL	INT	4	(IBM name: QISJFAIL) (S) RESERVED.
zSIZE	INT	4	(IBM name: QISJSIZE) (S) RESERVED.
zMAX	INT	4	(IBM name: QISJMAX) (S) RESERVED.

Secondary segment: **SMF100_Accelerator**

Field Name	Type	Len	Description
<i>SMF100_Accelerator.<fieldname></i>			
zNAME_OFF	HEX	2	(IBM name: Q8STNAME_OFF) OFFSET TO THE ACCELERATOR SERVER ID FIELDS.
zPRID	CHAR	8	(IBM name: Q8STPRID) ACCELERATOR PRODUCT ID.
zCONN	INT	8	(IBM name: Q8STCONN) NUMBER OF CONNECTIONS TO THE ACCELERATOR.
zREQ	INT	8	(IBM name: Q8STREQ) NUMBER OF REQUESTS TO THE ACCELERATOR.

zTOUT	INT	8	(IBM name: Q8STTOUT) NUMBER OF TIMED-OUT REQUESTS.
zFAIL	INT	8	(IBM name: Q8STFAIL) NUMBER OF FAILED REQUESTS.
zBYTS	INT	8	(IBM name: Q8STBYTS) NUMBER OF BYTES SENT TO THE ACCELERATOR.
zBYTR	INT	8	(IBM name: Q8STBYTR) NUMBER OF BYTES RETURNED FROM THE ACCELERATOR.
zMSGS	INT	8	(IBM name: Q8STMSGS) NUMBER OF MESSAGES SENT TO THE ACCELERATOR.
zMSGR	INT	8	(IBM name: Q8STMSGR) NUMBER OF MESSAGES RETURNED FROM THE ACCELERATOR.
zBLKS	INT	8	(IBM name: Q8STBLKS) NUMBER OF BLOCKS SENT TO THE ACCELERATOR.
zBLKR	INT	8	(IBM name: Q8STBLKR) NUMBER OF BLOCKS RETURNED FROM THE ACCELERATOR.
zROWS	INT	8	(IBM name: Q8STROWS) NUMBER OF ROWS SENT TO THE ACCELERATOR.
zROWR	INT	8	(IBM name: Q8STROWR) NUMBER OF ROWS RETURNED FROM THE ACCELERATOR.
zSCPU	INT	8	(IBM name: Q8STSCPU) ACCELERATOR SERVICES CPU TIME.
zSELA	INT	8	(IBM name: Q8STSELA) ACCELERATOR SERVICES ELAPSED TIME.
zTCPU	INT	8	(IBM name: Q8STTCPU) ACCELERATOR SERVICES TCP/IP CPU TIME.
zTELA	INT	8	(IBM name: Q8STTELA) ACCELERATOR SERVICES TCP/IP ELAPSED TIME.
zACPU	INT	8	(IBM name: Q8STACPU) OVERALL ACCELERATOR CPU TIME.
zAELA	INT	8	(IBM name: Q8STAELA) OVERALL ACCELERATOR ELAPSED TIME.

SMF100_Accelerator.zSTATE.<fieldname>

zSTATE1	INT (ENUM)	1	(IBM name: Q8STSTATE1) Accelerator state If Q8STPRID is 'AQT04010' or higher, the accelerator state can be 0 = Initializing: IDAA or the 1 = Online: IDAA and the Netezza 3 = Offline: IDAA is available, 5 = Maintenance: A maintenance 255= Unknown: IDAA or the Netezza backend is in an unknown state If Q8STPRID is lower than 'AQT04010', the accelerator state can be 0 = INITIALIZED 1 = ONLINE 2 = PAUSED 3 = OFFLINE 4 = STOPPED 5 = MAINTENANCE 6 = DOWN 7 = UNKNOWN
zSTATE2	INT (ENUM)	1	(IBM name: Q8STSTATE2) If Q8STPRID is lower than 'AQT04010', the accelerator state can be 0 = INITIALIZED 1 = ONLINE 2 = PAUSED 3 = OFFLINE 4 = STOPPED 5 = MAINTENANCE 6 = DOWN

SMF100_Accelerator.<fieldname>

zACTV	INT	2	(IBM name: Q8STACTV) CURRENT ACTIVE REQUESTS.
zMAXA	INT	2	(IBM name: Q8STMAXA) MAXIMUM ACTIVE REQUESTS.
zAVGQ03	INT	2	(IBM name: Q8STAVGQ03) AVERAGE QUERY QUEUE LENGTH IN THE LAST THREE HOURS.
zMAXQ	INT	2	(IBM name: Q8STMAXQ) HIGHEST QUERY QUEUE LENGTH SO FAR.
zCCPU	INT	2	(IBM name: Q8STCCPU) AVERAGE CPU UTILIZATION ON ACCELERATOR COORDINATOR NODES.

zSKEW	INT	2	(IBM name: Q8STSKEW) DATA SKEW.
zWCPU	INT	2	(IBM name: Q8STWCPU) AVERAGE CPU UTILIZATION ON ACCELERATOR
zWNOD	INT	2	(IBM name: Q8STWNOD) WORKER NODES. NUMBER OF ACTIVE WORKER NODES.
zAVGQ24	INT	2	(IBM name: Q8STAVGQ24) AVERAGE QUERY QUEUE LENGTH IN THE LAST 24 HOURS.
zQUEW	INT	8	(IBM name: Q8STQUEW) AVERAGE WAIT TIME IN THE ACCELERATOR QUEUE.
zQUEM	INT	8	(IBM name: Q8STQUEM) MAXIMUM WAIT TIME IN THE ACCELERATOR QUEUE.
zMIPS	INT	8	(IBM name: Q8STMIPS) ACCELERATOR PROCESSING CAPACITY IN MIPS.
zCORS	INT	8	(IBM name: Q8STCORS) TOTAL NUMBER OF PROCESSORS IN THE ACCELERATOR.
zSREQ	INT	8	(IBM name: Q8STSREQ) TOTAL NUMBER OF SUCCESSFUL QUERY REQUESTS SINCE THE ACCELERATOR STARTED.
zFREQ	INT	8	(IBM name: Q8STFREQ) TOTAL NUMBER OF FAILED QUERY REQUESTS SINCE THE ACCELERATOR STARTED.
zFINV	INT	8	(IBM name: Q8STFINV) NUMBER OF FAILED QUERY REQUESTS DUE TO AN INVALID ACCELERATOR STATE.
zDSKA	INT	8	(IBM name: Q8STDSKA) DISK STORAGE AVAILABLE, IN MB.
zDSKU	INT	8	(IBM name: Q8STDSKU) DISK STORAGE IN USE, IN MB.
zDSKB	INT	8	(IBM name: Q8STDSKB) AMOUNT OF DISK STORAGE THAT IS USED FOR THE DATABASE, IN MB.
zCPMU	INT	8	(IBM name: Q8STCPMU) PHYSICAL MEMORY AVERAGE USE ON THE ACCELERATOR COORDINATOR NODE, IN MB.
zNMDS	INT	8	(IBM name: Q8STNMDS) DEGREE OF PARALLEL I/OS CHANNELS. THIS VALUE IS ALSO KNOWN AS THE NUMBER OF DATA SLICES.
zWPMU	INT	8	(IBM name: Q8STWPMU) PHYSICAL MEMORY AVERAGE USE ON ACCELERATOR WORKER NODES, IN MB.
zWSMA	INT	8	(IBM name: Q8STWSMA) SHARED MEMORY DATA AVAILABLE ON ACCELERATOR WORKER NODES, IN MB.
zWSMU	INT	8	(IBM name: Q8STWSMU) SHARED MEMORY DATA AVERAGE USE ON ACCELERATOR WORKER NODES, IN MB.
zWSMM	INT	8	(IBM name: Q8STWSMM) MAXIMUM SHARED MEMORY DATA IN USE ON ACCELERATOR WORKER NODES, IN MB.
zAWAT	INT	8	(IBM name: Q8STAWAT) ACCUMULATED ACCELERATOR WAIT TIME.
zNQSA	INT	8	(IBM name: Q8STNQSA) TOTAL NUMBER OF QUERIES THAT WERE SENT BY ALL DB2 SUBSYSTEMS THAT EXECUTED SUCCESSFULLY IN THE ACCELERATOR SERVER.
zNQFA	INT	8	(IBM name: Q8STNQFA) TOTAL NUMBER OF QUERIES THAT WERE SENT BY ALL DB2 SUBSYSTEMS THAT FAILED IN THE ACCELERATOR SERVER.

zNQCS	INT	8	(IBM name: Q8STNQCS) NUMBER OF QUERIES CURRENTLY EXECUTING IN THE ACCELERATOR SERVER ON BEHALF OF THIS DB2 SUBSYSTEM.
zACTV_64	INT	8	(IBM name: Q8STACTV_64) NUMBER OF QUERIES ACTIVELY EXECUTING IN THE ACCELERATOR SERVER ON BEHALF OF ALL DB2 SUBSYSTEMS.
zMNQS	INT	8	(IBM name: Q8STMNQS) MAXIMUM NUMBER OF QUERIES CONCURRENTLY EXECUTING IN THE ACCELERATOR SERVER AT ANY TIME ON THIS DB2 SUBSYSTEM.
zMAXA_64	INT	8	(IBM name: Q8STMAXA_64) MAXIMUM NUMBER OF QUERIES ACTIVELY EXECUTING CONCURRENTLY IN THE ACCELERATOR SERVER AT ANY TIME ON BEHALF OF ALL DB2 SUBSYSTEMS.
zTCQS	INT	8	(IBM name: Q8STTCQS) TOTAL CPU COST ASSOCIATED WITH EXECUTING QUERIES IN THE ACCELERATOR SERVER ON BEHALF OF THIS DB2 SUBSYSTEM.
zTCQA	INT	8	(IBM name: Q8STTCQA) TOTAL CPU COST ASSOCIATED WITH EXECUTING QUERIES IN THE ACCELERATOR SERVER ON BEHALF OF ALL THE DB2 SUBSYSTEMS.
zTCMS	INT	8	(IBM name: Q8STTCMS) TOTAL CPU COST FOR DATA MAINTENANCE OPERATIONS FROM THIS DB2 SUBSYSTEM.
zTCMA	INT	8	(IBM name: Q8STTCMA) TOTAL CPU COST FOR DATA MAINTENANCE OPERATIONS FROM ALL DB2 SUBSYSTEMS.
zDSA	INT	8	(IBM name: Q8STDSA) DISK SPACE AVAILABLE, IN MB, FOR ALL DB2 SUBSYSTEMS.
zMAXQ_64	INT	8	(IBM name: Q8STMAXQ_64) MAXIMUM QUEUE LENGTH.
zWNOD_64	INT	8	(IBM name: Q8STWNOD_64) NUMBER ACTIVE WORKER NODES.
zCQL	INT	8	(IBM name: Q8STCQL) CURRENT QUEUE LENGTH.
zCCPU_64	INT	8	(IBM name: Q8STCCPU_64) CURRENT CPU UTILIZATION ON THE COORDINATOR NODE.
zWCPU_64	INT	8	(IBM name: Q8STWCPU_64) CURRENT CPU UTILIZATION ON ALL WORKER NODES.
zTCCS	INT	8	(IBM name: Q8STTCCS) TOTAL CPU COST ASSOCIATED WITH THE REPLICATION APPLY. TO THE REPLICATION APPLY PROCESS FOR THIS DB2 SUBSYSTEM.
zTCCA	INT	8	(IBM name: Q8STTCCA) TOTAL CPU COST ASSOCIATED WITH THE REPLICATION APPLY PROCESS FOR ALL DB2 SUBSYSTEMS.
zNLRS	INT	8	(IBM name: Q8STNLRS) TOTAL NUMBER OF LOG RECORDS READ BY THE REPLICATION CAPTURE AGENT FOR THIS DB2 SUBSYSTEM.
zNLRA	INT	8	(IBM name: Q8STNLRA) TOTAL NUMBER OF LOG RECORDS READ BY THE CAPTURE AGENTS FOR ALL DB2 SUBSYSTEMS.
zNLTS	INT	8	(IBM name: Q8STNLTS) NUMBER OF LOG RECORDS PROCESSED BY THE REPLICATION CAPTURE AGENT FOR THIS DB2 SUBSYSTEM THAT ARE APPLICABLE TO TABLES IN THIS ACCELERATOR.
zNLTA	INT	8	(IBM name: Q8STNLTA) TOTAL NUMBER OF LOG RECORDS PROCESSED BY THE CAPTURE AGENTS FOR ALL DB2 SUBSYSTEMS THAT ARE APPLICABLE TO TABLES IN THIS ACCELERATOR.
zNBS	INT	8	(IBM name: Q8STNBS) NUMBER OF BYTES PROCESSED BY THE CAPTURE AGENT FOR THIS DB2 SUBSYSTEM.

zNBA	INT	8	(IBM name: Q8STNBA) TOTAL NUMBER OF BYTES PROCESSED BY THE CAPTURE AGENTS FOR ALL DB2 SUBSYSTEMS.
zNIS	INT	8	(IBM name: Q8STNIS) NUMBER OF INSERTED ROWS THAT ARE APPLICABLE TO ACCELERATOR TABLES THAT WERE PROCESSED BY THE CAPTURE AGENT FOR THIS DB2 SUBSYSTEM.
zNIA	INT	8	(IBM name: Q8STNIA) TOTAL NUMBER OF INSERTED ROWS THAT ARE APPLICABLE TO ACCELERATOR TABLES THAT WERE PROCESSED BY ALL CAPTURE AGENTS FOR ALL DB2 SUBSYSTEMS.
zNUS	INT	8	(IBM name: Q8STNUS) NUMBER OF UPDATED ROWS THAT ARE APPLICABLE TO ACCELERATOR TABLES THAT WERE PROCESSED BY THE CAPTURE AGENT FOR THIS DB2 SUBSYSTEM.
zNUA	INT	8	(IBM name: Q8STNUA) TOTAL NUMBER OF UPDATED ROWS THAT ARE APPLICABLE TO ACCELERATOR TABLES THAT WERE PROCESSED BY ALL CAPTURE AGENTS FOR ALL DB2 SUBSYSTEMS.
zNDS	INT	8	(IBM name: Q8STNDS) The number of DELETED rows applicable to IDAA tables that were processed by the capture agent for this DB2 system.
zNDA	INT	8	(IBM name: Q8STNDA) TOTAL NUMBER OF DELETED ROWS THAT ARE APPLICABLE TO ACCELERATOR TABLES THAT WERE PROCESSED BY ALL CAPTURE AGENTS FOR ALL DB2 SUBSYSTEMS.
zCRL	INT	8	(IBM name: Q8STCRL) CURRENT REPLICATION LATENCY FOR THIS DB2 SUBSYSTEM.
zCSS	HEX	1	(IBM name: Q8STCSS) CURRENT REPLICATION STATE OF THE ACCELERATOR SERVER FOR THIS DB2 SUBSYSTEM.
zTLSC	CHAR	10	(IBM name: Q8STTLSC) TIMESTAMP WHEN THE LAST STATUS CHANGE TO THE REPLICATION STATE OCCURRED. THE TIMESTAMP IS IN UTC FORMAT.
zTART	CHAR	10	(IBM name: Q8STTART) TIMESTAMP WHEN THE ACCELERATOR SERVER PROCESS LAST STARTED. THE TIMESTAMP IS IN UTC FORMAT.
zTATC	CHAR	10	(IBM name: Q8STTATC) TIMESTAMP WHEN THE LAST STATUS CHANGE TO THE ACCELERATOR SERVER OCCURRED. THE TIMESTAMP IS IN UTC FORMAT.
zINSC	INT	8	(IBM name: Q8STINSC) ACCUMULATED # OF INSERT STATEMENTS SENT TO IDAA FROM DB2.
zUPDC	INT	8	(IBM name: Q8STUPDC) ACCUMULATED # OF UPDATE STATEMENTS SEND TO IDAA FROM DB2.
zDELC	INT	8	(IBM name: Q8STDELC) ACCUMULATED # OF DELETE STATEMENTS SEND TO IDAA FROM DB2.
zDRPC	INT	8	(IBM name: Q8STDRPC) ACCUMULATED # OF DROP STATEMENTS SEND TO IDAA FROM DB2.
zCRTC	INT	8	(IBM name: Q8STCRTC) ACCUMULATED # OF CREATE STATEMENTS SEND TO IDAA FROM DB2.
zCMTC	INT	8	(IBM name: Q8STCMTC) ACCUMULATED # OF COMMIT STATEMENTS SEND TO IDAA FROM DB2.
zRBKC	INT	8	(IBM name: Q8STRBKC) ACCUMULATED # OF ROLLBACK STATEMENTS SEND TO IDAA FROM DB2.

zOPNC	INT	8	(IBM name: Q8STOPNC) ACCUMULATED # OF OPEN STATEMENTS SEND TO IDAA FROM DB2.
-------	-----	---	---

Secondary segment: **SMF100_Simulated_Buffer_Pool**

Field Name	Type	Len	Description
<i>SMF100_Simulated_Buffer_Pool.<fieldname></i>			
zBPID	INT	4	(IBM name: QBSPBPID) BUFFER POOL ID.

<i>SMF100_Simulated_Buffer_Pool.zFLG.<fieldname></i>			
zFLG1	BINT (ENUM)	1	

<i>SMF100_Simulated_Buffer_Pool.<fieldname></i>			
zIUS	INT	8	(IBM name: QBSPUIUS) NUMBER OF PAGES CURRENTLY IN THE SIMULATED BUFFER POOL.
zHUS	INT	8	(IBM name: QBSPHUS) HIGHEST NUMBER OF PAGES THAT HAVE BEEN IN THE SIMULATED BUFFER POOL SINCE THE SIMULATED BUFFER POOL WAS CREATED.
zSUS	INT	8	(IBM name: QBSPSUS) NUMBER OF SEQUENTIAL PAGES THAT ARE IN THE SIMULATED BUFFER POOL.
zHSU	INT	8	(IBM name: QBSPHSU) HIGHEST NUMBER OF SEQUENTIAL PAGES THAT HAVE BEEN IN THE SIMULATED BUFFER POOL SINCE THE SIMULATED BUFFER POOL WAS CREATED.
zDRR	INT	8	(IBM name: QBSPDRR) NUMBER OF PAGES IN THE SIMULATED BUFFER POOL THAT WERE ACCESSED THROUGH A RANDOM GETPAGE REQUEST THAT RESULTED IN SYNCHRONOUS DISK READ I/O.
zDRS	INT	8	(IBM name: QBSPDRS) NUMBER OF PAGES IN THE SIMULATED BUFFER POOL THAT WERE ACCESSED THROUGH A SEQUENTIAL GETPAGE REQUEST THAT RESULTED IN SYNCHRONOUS DISK READ I/O.
zDRA	INT	8	(IBM name: QBSPDRA) NUMBER OF PAGES IN THE SIMULATED BUFFER POOL THAT WERE ACCESSED THROUGH A PREFETCH REQUEST THAT RESULTED IN SYNCHRONOUS DISK READ I/O.
zGRR	INT	8	(IBM name: QBSPGRR) NUMBER OF PAGES IN THE SIMULATED BUFFER POOL THAT WERE ACCESSED THROUGH A RANDOM GETPAGE REQUEST THAT RESULTED IN A SYNCHRONOUS GROUP BUFFER POOL READ.
zGRS	INT	8	(IBM name: QBSPGRS) NUMBER OF PAGES IN THE SIMULATED BUFFER POOL THAT WERE ACCESSED THROUGH A SEQUENTIAL GETPAGE REQUEST THAT RESULTED IN A SYNCHRONOUS GROUP BUFFER POOL READ.
zGRA	INT	8	(IBM name: QBSPGRA) NUMBER OF PAGES IN THE SIMULATED BUFFER POOL THAT WERE ACCESSED THROUGH A PREFETCH REQUEST THAT RESULTED IN AN ASYNCHRONOUS GROUP BUFFER POOL READ.
zMVI	INT	8	(IBM name: QBSPMVI) NUMBER OF PAGES THAT WERE LOGICALLY MOVED INTO THE SIMULATED BUFFER POOL.
zDTM	FIXED	8 (20,6)	(IBM name: QBSPDTM) FOR PAGES IN THE SIMULATED BUFFER POOL, THE TOTAL TIME IN MICROSECONDS THAT WAS SPENT WAITING FOR SYNCHRONOUS DISK READ I/O.

Secondary segment: SMF100_WS2_Triplets

Field Name	Type	Len	Description
<i>SMF100_WS2_Triplets.<fieldname></i>			
zDBPo	INT	4	
zDBPI	INT	2	
zDBPn	INT	2	

Secondary segment: SMF100_Buffer_Pool

Field Name	Type	Len	Description
<i>SMF100_Buffer_Pool.<fieldname></i>			
zNM	CHAR	8	(IBM name: QDBPNM) BUFFER POOL NAME.
zVPSZ	INT	4	(IBM name: QDBPVPSZ) SIZE OF THE VIRTUAL BUFFER POOL.
zVPSH	HEX	1	(IBM name: QDBPVPSH) THE VIRTUAL POOL SEQUENTIAL STEAL THRESHOLD OF THE BUFFER POOL. THIS VALUE IS BETWEEN X'00' AND X'64'.
zDWQT	HEX	1	(IBM name: QDBPDWQT) THE DEFERRED WRITE THRESHOLD OF THE BUFFER POOL. THIS VALUE IS BETWEEN X'00' AND X'5A'.
zVDQT	HEX	1	(IBM name: QDBPVDQT) THE VERTICAL DEFERRED WRITE THRESHOLD OF THE BUFFER POOL. THIS VALUE IS BETWEEN X'00' AND X'5A'.
zPSQT	INT	1	(IBM name: QDBPPSQT) PARALLEL SEQUENTIAL THRESHOLD. VALID VALUES ARE 1 TO 100.
zXSQT	INT	1	(IBM name: QDBPXSQT) ASSISTING PARALLEL SEQUENTIAL THRESHOLD. VALID VALUES ARE 1 TO 100.
zPFIx	CHAR	1	(IBM name: QDBPPFIx) WHETHER A PAGE IS FIXED IN REAL STORAGE WHEN IT IS FIRST USED: 'Y' MEANS THAT PAGES ARE FIXED IN REAL STORAGE. 'N' MEANS THAT PAGES ARE NOT FIXED IN REAL STORAGE.
zVDQB	INT	2	(IBM name: QDBPVDQB) POOL VERTICAL WRITE THRESHOLD, IN NUMBER OF BUFFERS. VALID VALUES ARE 0 TO 9999. THIS FIELD IS USED TO DETERMINE THE THRESHOLD ONLY IF VBDPVDQT IS ZERO AND QDBPVDQB IS NON-ZERO.
zPGST	CHAR	1	(IBM name: QDBPPGST) THE PAGE STEALING ALGORITHM TO BE USED FOR THE VIRTUAL BUFFER POOL. VALUES ARE:
zASIZ	CHAR	1	(IBM name: QDBPASIZ) AUTOSIZE ATTRIBUTE: 'Y' MEANS AUTOSIZE(YES). 'N' MEANS AUTOSIZE(NO).
zFRAM	CHAR	2	(IBM name: QDBPFRAM) FRAMESIZE ATTRIBUTE: '4K', '1M', OR '2G'.
zVPMI	INT	4	(IBM name: QDBVPMI) VPSIZEMIN ATTRIBUTE.
zVPMA	INT	4	(IBM name: QDBVPMA) VPSIZEMAX ATTRIBUTE.
zSPSZ	INT	4	

			(IBM name: QDBPSPSZ) SIMULATED BUFFER POOL SIZE.
zSPST	HEX	1	(IBM name: QDBPSPST) SIMULATED BUFFER POOL SEQUENTIAL THRESHOLD.

Secondary segment: **SMF100_WS3_Triplets**

Field Name	Type	Len	Description
<i>SMF100_WS3_Triplets.<fieldname></i>			
zBGBo	INT	4	
zBGBl	INT	2	
zBGBn	INT	2	

Secondary segment: **SMF100_QBGB_Group_Buffer_Pool**

Field Name	Type	Len	Description
<i>SMF100_QBGB_Group_Buffer_Pool.<fieldname></i>			
zGN	INT	4	(IBM name: QBGBGN) GROUP BUFFER POOL ID.

SMF100_QBGB_Group_Buffer_Pool.zERR.<fieldname>

zFLGS	HEX	1	(IBM name: QBGBFLGS) Error flags - if non-zero, then the QBGB section contains no data, or partial data X'00' OK - no errors in collecting data X'01' Error in reading group buffer pool attributes from the SCA X'02' Addressing error while accessing DB2 control blocks - the stats collection process does not obtain serialization
zERC	INT	4	(IBM name: QBGBERC) RETURN CODE.
zERS	INT	4	(IBM name: QBGBERS) REASON CODE.

SMF100_QBGB_Group_Buffer_Pool.<fieldname>

zGR1	CHAR	6	(IBM name: QBGBGR1) CURRENT DIRECTORY ENTRY TO DATA ENTRY RATIO. THIS IS THE NUMBER OF DIRECTORY ENTRIES THERE ARE FOR EACH DATA PAGE. THIS VALUE IS GIVEN IN EBCDIC.
zGR2	CHAR	6	(IBM name: QBGBGR2) PENDING DIRECTORY ENTRY TO DATA ENTRY RATIO. THIS IS THE VALUE SPECIFIED FOR THE RATIO OPTION ON THE ALTER GROUPBUFFERPOOL COMMAND. THIS VALUE TAKES EFFECT THE NEXT TIME THE GROUP BUFFER POOL IS ALLOCATED. IF AN ALTER GROUPBUFFERPOOL COMMAND WAS NOT ISSUED, THE VALUE IN THIS FIELD EQUALS QBGBGR1.

SMF100_QBGB_Group_Buffer_Pool.zGCO.<fieldname>

zGCT	HEX	1	(IBM name: QBGBGCT) CASTOUT CLASS THRESHOLD. THIS IS THE VALUE SPECIFIED FOR THE CLASST OPTION ON THE ALTER GROUPBUFFERPOOL COMMAND. THIS OPTION CHANGES THE THRESHOLD AT WHICH CLASS CASTOUT IS STARTED. THIS VALUE IS GIVEN IN HEXADECIMAL AND TAKES EFFECT IMMEDIATELY.
zGGT	HEX	1	(IBM name: QBGBGGT) GROUP BUFFER POOL THRESHOLD. THIS IS THE VALUE SPECIFIED FOR THE GBPOOLT OPTION ON THE ALTER GROUPBUFFERPOOL

			COMMAND. THIS OPTION CHANGES THE THRESHOLD AT WHICH DATA IN THE GROUP BUFFER POOL IS CAST OUT TO DASD. THIS VALUE IS GIVEN IN HEXADECIMAL AND TAKE EFFECT IMMEDIATELY.
zGAS	CHAR	1	(IBM name: QBGBGAS) CURRENT AUTOMATIC RECOVERY (AUTOREC) SETTING FOR THE GROUP BUFFER POOL:
zGCS	CHAR	1	(IBM name: QBGBGCS) CURRENT GBPCACHE SETTING:

SMF100_QBGB_Group_Buffer_Pool.<fieldname>			
zGCK	INT	4	(IBM name: QBGBGCK) GROUP BUFFER POOL CHECKPOINT INTERVAL IN MINUTES. THIS IS THE INTERVAL SPECIFIED ON THE GBPCHKPT OPTION ON THE ALTER GROUPBUFFERPOOL COMMAND. THIS OPTION CHANGES THE TIME INTERVAL BETWEEN SUCCESSIVE CHECKPOINTS OF THE GROUP BUFFER POOL. THIS VALUE TAKES EFFECT IMMEDIATELY.
zGSZ	INT	4	(IBM name: QBGBGSZ) SIZE OF THE GROUP BUFFER POOL ALLOCATED IN 4KB INCREMENTS.
zGDR	INT	4	(IBM name: QBGBGDR) ACTUAL NUMBER OF DIRECTORY ENTRIES THAT WERE ALLOCATED. A DIRECTORY ENTRY CONTAINS CONTROL INFORMATION FOR ONE DATABASE PAGE.
zGDT	INT	4	(IBM name: QBGBGDT) ACTUAL NUMBER OF ALLOCATED DATA ENTRIES. DATA ENTRIES ARE THE PLACES WHERE THE DATA PAGES RESIDE.
zDRR	INT	4	(IBM name: QBGBDRR) NUMBER OF TIMES THAT A PAGE NAME ASSIGNMENT REQUIRED THAT A COUPLING FACILITY DIRECTORY ENTRY WAS RECLAIMED.
zDTR	INT	4	(IBM name: QBGBDTR) NUMBER OF TIMES THAT A PAGE NAME ASSIGNMENT REQUIRED THAT A COUPLING FACILITY DATA ENTRY WAS RECLAIMED.
zRXI	INT	4	(IBM name: QBGBRXI) NUMBER OF TIMES THAT A DIRECTORY ENTRY WAS STOLEN AND CROSS-INVALIDATION SIGNALS WERE SENT BECAUSE THE PAGE IN THE DIRECTORY ENTRY WAS CACHED IN ONE OR MORE DB2 BUFFER POOLS.
zTCC	INT	4	(IBM name: QBGBTCC) NUMBER OF ALLOCATED DATA ENTRIES THAT ARE CURRENTLY IN THE CHANGED STATE. THIS IS A SNAPSHOT VALUE, NOT A CUMULATIVE VALUE.
zDUP	CHAR	1	(IBM name: QBGBDUP) DUPLIX OR SIMPLEX INDICATION FOR THE GROUP BUFFER POOL:
zGCTN	HEX	2	(IBM name: QBGBGCTN) CLASS-LEVEL CASTOUT THRESHOLD, BASED ON THE NUMBER OF PAGES.
zSZ2	INT	4	(IBM name: QBGBSZ2) If the group buffer pool is duplexed the allocated size of the secondary group buffer pool.
zGDR2	INT	4	(IBM name: QBGBGDR2) ACTUAL NUMBER OF DIRECTORY ENTRIES THAT WERE ALLOCATED FOR THE SECONDARY GROUP BUFFER POOL. A DIRECTORY ENTRY CONTAINS CONTROL INFORMATION FOR ONE DATABASE PAGE. THIS COUNTER IS APPLICABLE ONLY IF THE GROUP BUFFER POOL IS DUPLEXED.
zGDT2	INT	4	(IBM name: QBGBGDT2) ACTUAL NUMBER OF DATA ENTRIES THAT WERE ALLOCATED FOR THE SECONDARY GROUP BUFFER POOL. DATA ENTRIES ARE THE PLACES WHERE THE DATA PAGES RESIDE. THIS COUNTER IS APPLICABLE ONLY IF THE GROUP BUFFER POOL IS DUPLEXED.

Record Type 101 - DB2 Accounting

SMF Record 101 (DB2 Accounting) is mapped by structure member "T101".

Primary Segment:

- [SMF101_DB2_Accounting](#)

Secondary Segment(s): 31 (in alphabetical order)

- [SMF101_Accelerator](#)
- [SMF101_Accelerator_Id](#)
- [SMF101_Account_Code](#)
- [SMF101_Buffer_Manager](#)
- [SMF101_Data_Sharing](#)
- [SMF101_DDF](#)
- [SMF101_DDF_Location](#)
- [SMF101_Global_Locking](#)
- [SMF101_Group_Buffer_Pool](#)
- [SMF101_Instrumentation](#)
- [SMF101_IFI](#)
- [SMF101_Lock](#)
- [SMF101_Overflow](#)
- [SMF101_Package](#)
- [SMF101_Package_Activity_Name](#)
- [SMF101_Package_Activity_Schema](#)
- [SMF101_Package_Collection](#)
- [SMF101_Package_Location](#)
- [SMF101_Package_Overflow](#)
- [SMF101_Package_Program](#)
- [SMF101_Prod_Correlation](#)
- [SMF101_Prod_CPU](#)
- [SMF101_Prod_Data_Sharing](#)
- [SMF101_Prod_Distributed](#)
- [SMF101_Prod_Standard](#)
- [SMF101_Prod_Trace](#)
- [SMF101_Rollup](#)
- [SMF101_RDS](#)
- [SMF101_SCC](#)
- [SMF101_WA0_Triplets](#)
- [SMF101_WA1_Triplets](#)

Primary segment: [SMF101_DB2_Accounting](#)

Field Name	Type	Len	Description
<i>SMF101_DB2_Accounting.<fieldname></i>			
<i>SMF101_DB2_Accounting.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM101FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SM101RTY) Record type 101 (X'65').
zTME	TSTMP	8	(IBM name: SM101TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM101SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SM101SSI) Subsystem Id.
zSTY	INT	2	(IBM name: N/A) Record Subtype
zBUF	CHAR	4	(IBM name: SM101BUF) Reserved.
zPSO	INT	4	(IBM name: SM101PSO) Offset to product section from start of record, including the record descriptor word (RDW).

zPSL	INT	2	(IBM name: SM101PSL) Length of product section.
zPSN	INT	2	(IBM name: SM101PSN) Number of product sections.

SMF101_DB2_Accounting.Header_Self_defining_Section.zDATA.<fieldname>			
zDSO	INT	4	(IBM name: SM101DSO) Offset to product section from start of record, including the record descriptor word (RDW).
zDSL	INT	2	(IBM name: SM101DSL) Length of product section.
zDSN	INT	2	(IBM name: SM101DSN) Number of product sections.

Secondary segment: SMF101_Prod_Standard

Field Name	Type	Len	Description
SMF101_Prod_Standard.<fieldname>			
zLEN	INT	2	(IBM name: QWHSLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHSTYP) HEADER TYPE: 1 = STANDARD HEADER
zTYPTText	INT (ENUM)	1	(IBM name: QWHSTYPTText) Header Type expanded description.
zRMID	INT	1	(IBM name: QWHSRMID) RESOURCE MANAGER ID (RMID). SEE BEGINNING OF FILE FOR A LIST OF RMIDS.
zIFCID	INT	2	(IBM name: QWHSIFCID) IFCID.
zIFCIDText	INT (ENUM)	2	IFCID Codes expanded description.
zNSDA	INT	1	(IBM name: QWHSNSDA) NUMBER OF SELF-DEFINING AREAS.
zRN	HEX	1	(IBM name: QWHSRN) RELEASE INDICATOR NUMBER IN HEXADECIMAL.
zACE	HEX	4	(IBM name: QWHSACE) AGENT CONTROL ELEMENT (ACE) OF THE THREAD THAT WAS USED WHEN THIS RECORD WAS WRITTEN. AN ACE IS AN IDENTIFIER THAT IS UNIQUE TO A GIVEN THREAD FOR THE LIFE OF THE THREAD. USING THE ACE VALUES, IT IS POSSIBLE TO SEPARATE OUT TRACE RECORDS FROM CONCURRENT UNRELATED THREADS. WHEN A THREAD IS TERMINATED, THE ACE VALUE IS FREED AND CAN BE USED LATER BY A SUBSEQUENT THREAD. THERE ARE TIMES WHEN AN ACE VALUE IN THE DATA INDICATES THAT THE FUNCTION PERFORMED UNDER THE ACE IN QWHSACE IS ACTUALLY BEING PERFORMED ON BEHALF OF ANOTHER ACE, AS INDICATED BY THE ACE VALUE IN THE DATA SECTION. AN EXAMPLE OF THIS IS WHEN A SEQUENTIAL PREFETCH READ IS DONE BY A DB2 SERVICE TASK ON BEHALF OF A THREAD.
zSSID	CHAR	4	(IBM name: QWHSSSID) SUBSYSTEM NAME.
zSTCK	TSTMP	8	(IBM name: QWHSSTCK) STORE CLOCK VALUE OF HEADER. FOR DATA SHARING, THIS IS THE SYSPLEX TIMER VALUE.
zISEQ	INT	4	(IBM name: QWHSISEQ) SEQUENCE NUMBER FOR THE IFCID. THIS FIELD CONTAINS THE NUMBER OF TIMES THE TRACE RECORD WAS WRITTEN. WHEN MONITOR TRACE CLASS 1 IS ACTIVE, QWHSISEQ IN IFCIDS 0001

			AND 0002 IS NOT INCREMENTED FOR READS REQUESTS OF IFCIDS 0001 AND 0002.
zWSEQ	INT	4	(IBM name: QWHSWSEQ) SEQUENCE NUMBER FOR DESTINATION. THE FOLLOWING SEQUENCE NUMBER IS UNIQUE WITHIN A SINGLE DB2 SUBSYSTEM INSTANCE AND IS INITIALIZED TO ZERO ON RESTART OF DB2. BECAUSE OF MULTIPROCESSING CONSIDERATIONS THE NUMBERS MIGHT NOT ALWAYS BE IN ASCENDING ORDER.
zMTN	INT	4	(IBM name: QWHSMTN) ACTIVE TRACE NUMBER MASK.
zLOCN	CHAR	16	(IBM name: QWHSLOCN) %U LOCAL LOCATION NAME. %U IF QWHSLOCN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNID	CHAR	8	(IBM name: QWHSNID) FIRST PART OF NETWORK NAME (SEE QWHSLOWID).
zLUNM	CHAR	8	(IBM name: QWHSLOWM) SECOND PART OF NETWORK NAME (SEE QWHSLOWID).
zLUUV	HEX	6	(IBM name: QWHSLOWUV) INSTANCE NUMBER. DISPLAYED AS 12 HEX CHARACTERS. WHEN CONCATENATED WITH THE FULLY QUALIFIED NETWORK NAME, IT UNIQUELY IDENTIFIES A DISTRIBUTED THREAD. (THOUGH THIS FIELD MAY APPEAR TO BE A TIMESTAMP, IT IS NOT TO BE PROCESSED AS ONE. FOR MORE INFORMATION SEE THE -DISPLAY THREAD COMMAND IN COMMAND REFERENCE.
zLUCC	INT	2	(IBM name: QWHSLOWCC) LUW SEQUENCE NUMBER. THIS IDENTIFIES THE LAST COMMIT SCOPE IN WHICH THE LOGICAL UNIT PARTICIPATED. THIS NUMBER IS INCREMENTED WHENEVER A THREAD COMMITS OR IS ROLLED BACK.
zFLAG	HEX	1	(IBM name: QWHSFLAG) FLAGS:
zLOCN_Off	INT	2	(IBM name: QWHSLOCN_Off) IF QWHSLOCN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHS TO QWHSLOCN_LEN.
zSUBV	INT	2	(IBM name: QWHSUBV) THE SUB-VERSION FOR THE BASE RELEASE.
zSID	CHAR	4	(IBM name: QWHSID) THE MVS SYSTEM ID (SID).
z_MOD_LVL	CHAR	10	(IBM name: QWHS_MOD_LVL) %U MODIFICATION LEVEL FOR CONTINUOUS DELIVERY, IN THE FORMAT VxxxRyMzzz.
z_REC_INCOMPAT	INT	2	(IBM name: QWHS_REC_INCOMPAT) INCOMPATIBLE CHANGE VALUE. THIS VALUE IS INCREMENTED EVERY TIME THAT AN INCOMPATIBLE TRACE RECORD CHANGE OCCURS. EXAMPLES OF INCOMPATIBLE CHANGES ARE: - THE SIZE OF AN EXISTING FIELD IN A RECORD CHANGES. - A FIELD IN A RECORD IS REMOVED, AND THE OFFSETS TO OTHER FIELDS IN THE RECORD CHANGE.
z_REC_COMPAT	INT	2	(IBM name: QWHS_REC_COMPAT) COMPATIBLE CHANGE VALUE. THIS VALUE IS INCREMENTED EVERY TIME THAT A COMPATIBLE TRACE RECORD CHANGE OCCURS. EXAMPLES OF COMPATIBLE CHANGES ARE: - A NEW FIELD IS ADDED IN A FORMERLY RESERVED AREA. - AN EXISTING FIELD IS NO LONGER SET. - THE SIZE OF A RECORD IS INCREASED, AND A FIELD IS ADDED IN THE NEW AREA OF THE RECORD.

Secondary segment: **SMF101_Prod_Correlation**

Field Name	Type	Len	Description
SMF101_Prod_Correlation.<fieldname>			

zLEN	INT	2	(IBM name: QWHCLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHCTYP) HEADER TYPE.
zTYPTxt	INT (ENUM)	1	(IBM name: QWHCTYPTxt) Header Type expanded description.
zAID	CHAR	8	(IBM name: QWHCAID) %U PRIMARY AUTHORIZATION ID FROM CONNECTION OR SIGNON. %U FOR z/OS OPERATOR COMMANDS AND DB2 SYSTEM INTERNAL %U AGENTS, THE VALUE IS SYSOPR. %U SECONDARY AUTHORIZATION IDS MIGHT BE THE RACF GROUPS %U ASSOCIATED WITH THIS PRIMARY AUTHORIZATION ID. %U THE SQL ID IS INITIALLY SET TO THIS PRIMARY %U AUTHORIZATION ID. THE CONNECTION AUTHORIZATION EXIT %U AND THE SIGNON AUTHORIZATION EXIT CAN CHANGE THE PRIMARY %U AUTHORIZATION ID SO THAT IT IS NOT THE SAME AS THE %U ORIGINAL PRIMARY AUTHORIZATION ID (QWHCOPID). %U DISTRIBUTED AUTHORIZATION ID TRANSLATION CAN ALSO %U CHANGE THE PRIMARY AUTHORIZATION ID. %U IF QWHCAID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCV	CHAR	12	(IBM name: QWHCCV) CORRELATION ID VALUE: FOR BATCH: JOBNAME FOR TSO: LOGON-ID FOR IMS/VS: PST#.PSBNAME FOR CICS: CONNECTION_TYPE.THREAD_TYPE.THREAD_#.TRAN-ID FOR RRSAF: CORRELATION-ID VALUE FROM SIGNON FUNCTION FOR THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CORRELATION-ID NAME OF THE THREAD AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER, THIS FIELD CONTAINS THE FIRST 12 CHARACTERS IN THE DDM EXTERNAL NAME (EXTNAM) PARAMETER OF THE DDM EXCSAT COMMAND RECEIVED AS PART OF THE SQL CONNECT.
zCN	CHAR	8	(IBM name: QWHCCN) CONNECTION NAME: NOT VALID ON END OF MEMORY AND REFLECTS THE z/OS HOME ASID CONNECTION NAME. FOR BATCH: 'BATCH' FOR TSO: 'TSO' FOR QMF: 'DB2CALL' FOR UTILITY: 'UTILITY' FOR DB2 INTERNAL: DB2 SUBSYSTEM ID FOR IMS: IMS-ID FOR CICS: CICS-ID FOR RRSAF: 'RRSAF' FOR DISTRIBUTED DATABASE ACCESS THREADS: FOR THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CONNECTION NAME OF THE THREAD AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER, THIS FIELD CONTAINS THE CONSTANT 'SERVER'.
zPLAN	CHAR	8	(IBM name: QWHCPLAN) PLAN NAME. BLANK FOR DB2 COMMAND THREAD: OTHERWISE: FOR SPUFI WITH CURSOR STABILITY: 'DSNESPCS' FOR SPUFI WITH REPEATABLE READ: 'DSNESPRR' FOR TSO: APPLICATION PLAN NAME FOR IMS: APPLICATION PLAN NAME FOR CICS: APPLICATION PLAN NAME IMS AND CICS COMMANDS HAVE A BLANK PLAN NAME. FOR RRSAF CREATE THREAD WITH THE COLLECTION PARAMETER: '?RRSAF ' FOR QMF: 'DSQPLAN' FOR DISTRIBUTED DATABASE ACCESS THREADS: FOR THREADS USING THE DRDA PROTOCOL FROM A REQUESTER, THIS FIELD CONTAINS THE PLAN NAME BEING EXECUTED AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER OR FROM A DB2 2.3 REQUESTER, THIS FIELD CONTAINS THE CONSTANT 'DISTSERV'. FOR BINDING: 'DSNBIND' (SYSTEM PLAN) FOR UTILITY: 'DSNUTIL ' (SYSTEM PLAN) FOR AUTHORIZATION: 'ACT' + X'0000000000' (SYSTEM PLAN) FOR UNALLOCATED THREADS AND MISCELLANEOUS DB2 SYSTEM SERVICE TASKS: 'BCT' + X'0000000000' (SYSTEM PLAN) FOR STARTUP: 'STARTCT' + X'00' (SYSTEM PLAN)
zOPID	CHAR	8	(IBM name: QWHCOPID) %U INITIAL PRIMARY AUTHORIZATION ID. %U FOR TSO: LOGON-ID %U FOR BATCH: USER-ID ON JOB STATEMENT %U FOR RRSAF: %U - IF THE FOLLOWING CONDITIONS ARE TRUE: %U - THE SYSTEM AUTHORIZATION FACILITY (SAF) AND A %U SECURITY PRODUCT, SUCH AS RACF, IS USED %U - THERE IS AN ACEE ASSOCIATED WITH THE JOB STEP TCB %U OR WITH THE ASXB %U - THE FIRST 7 CHARACTERS OF THE JOB STEP USER ID %U MATCH THE FIRST 7 CHARACTERS OF THE VALUE IN %U ACEEUSRI. RRSAF USES THE VALUE IN ACEEUSRI AS THE %U INITIAL PRIMARY AUTHORIZATION ID. %U - IF ANY OF THE ABOVE CONDITIONS ARE NOT TRUE, THEN

			%U THE INITIAL PRIMARY AUTHORIZATION ID IS THE VALUE %U IN ASXBUSER. %U FOR IMS (MESSAGE-DRIVEN REGIONS): SIGNON-ID, LTERM, %U ASXBUSR, OR PSB NAME. %U FOR IMS (CONTROL REGIONS): USER-ID ON JOB STATEMENT, %U OR RACF, STARTED PROCEDURE ENTRY IF RACF IS USED. %U FOR CICS: USERID, OPID, GROUP, SIGN, OR TERM, OR TX, AS %U SPECIFIED IN THE DB2ENTRY RESOURCE DEFINITION. %U FOR z/OS OPERATOR COMMANDS AND DB2 SYSTEM INTERNAL %U AGENTS: = 'SYSOPR'. %U FOR A DISTRIBUTED APPLICATION SERVER (AS): %U IF THE APPLICATION REQUESTER (AR) IS A DB2 SYSTEM, %U THIS IS THE SAME VALUE THAT WAS ASSIGNED AT THE AR. %U IF THE APPLICATION REQUESTER IS NOT A DB2 SYSTEM, %U THIS IS THE USER ID THAT WAS USED TO MAKE THE INITIAL %U CONNECTION WITH THE APPLICATION SERVER. %U THE USER ID IS OBTAINED IN ONE OF THE %U FOLLOWING WAYS: %U - PASSED BY THE REQUESTER IN THE ALLOCATE %U CONVERSATION FLOW (FMH5) %U - PASSED BY THE REQUESTER IN THE DRDA SECURITY %U FLOW %U - DERIVED BY THE SERVER FROM THE RACF PASSTICKET %U - PROVIDED BY THE REQUESTER IN THE DRDA SECURITY %U FLOW %U IF QWHCOPID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zATYP	INT	4	(IBM name: QWHCATYP) CONNECTING SYSTEM TYPE CODE (IN HEXADECIMAL): THIS FIELD CAN HAVE A NULL VALUE. FOR EXAMPLE, THIS FIELD CONTAINS A NULL VALUE FOR SOME UTILITIES.
zATYPText	INT (ENUM)	4	(IBM name: QWHCATYPText) Connecting System Type expanded description.
zTOKEN	CHAR	22	(IBM name: QWHCTOKN) ACCOUNTING CORRELATION TOKEN. THIS FIELD APPLIES TO THE CICS ATTACHMENT FACILITY, RRSAP, AND DATABASE ACCESS THREADS. YOU CAN USE THIS TOKEN TO CORRELATE DB2 IFC RECORDS TO CICS RECORDS FOR THAT CICS TRANSACTION. CICS GENERATES AN LU6.2 UNIT OF WORK ID FOR EVERY CICS TASK, INCLUDING BOTH TERMINAL AND NON-TERMINAL DRIVEN TASKS. IF ACCOUNTREC IS UOW OR TASK IN THE DB2CONN OR DB2ENTRY DEFINITIONS, THE CICS LUWID MINUS THE COMMIT COUNT (TWO BYTES) IS PASSED INTO THIS FIELD. THE FIRST EIGHT BYTES ARE THE NETWORK NAME. FOR CICS, THIS IS A VARIABLE-LENGTH FIELD. THE FIRST EIGHT BYTES ARE PADDED ON THE RIGHT WITH BLANKS. THE NEXT EIGHT BYTES ARE THE LUNAME. THIS IS ALSO A VARIABLE-LENGTH FIELD IN CICS. THE FIRST EIGHT BYTES ARE PADDED ON THE RIGHT WITH BLANKS AS NECESSARY. THE FINAL SIX BYTES ARE THE UNIQUENESS VALUE. DB2 ALSO CREATES AN LU6.2 LUWID FOR EVERY THREAD. SEE FIELD QWHSLWID. QWHCTOKN DOES NOT CONTAIN THE SAME LUWID AS QWHSLWID. FOR MORE INFORMATION, SEE THE CICS DB2 GUIDE. FOR RRSAP, THIS IS THE VALUE OF PARAMETER ACCOUNTING-TOKEN IN THE RRSAP SIGNON OR AUTH SIGNON FUNCTION. THIS VALUE IS GENERATED BY THE USER, AND DB2 DOES NOT INSPECT IT. FOR DATABASE ACCESS THREADS, THIS IS THE VALUE THAT IS RECEIVED FROM THE REQUESTER SYSTEM. THIS ACCOUNTING VALUE IS DETERMINED FROM THE FIRST 22 BYTES OF THE CORRELATION TOKEN (CRRTKN) VALUE OF THE ACCESS RELATIONAL DATABASE (ACCRDB) COMMAND RECEIVED FROM THE REQUESTER SYSTEM DURING CONNECT PROCESSING.
zEUID	CHAR	16	(IBM name: QWHCEUID) THE END USER'S WORK STATION USER ID. THIS CAN BE DIFFERENT FROM THE AUTHORIZATION ID USED TO CONNECT TO DB2. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION. IF QWHCEUID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zEUTX	CHAR	32	(IBM name: QWHCEUTX) THE TRANSACTION OR APPLICATION NAME THAT THE END USER IS RUNNING. THIS IDENTIFIES THE APPLICATION THAT IS CURRENTLY RUNNING, NOT THE PRODUCT THAT IS USED TO RUN THE APPLICATION. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
zEUWN	CHAR	18	(IBM name: QWHCEUWN) THE END USER'S WORKSTATION NAME. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
zAID_Off	INT	2	(IBM name: QWHCAID_Off) IF QWHCAID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCAID_LEN.

zOPID_Off	INT	2	(IBM name: QWHCOPID_Off) IF QWHCOPID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCOPID_LEN.
zEUID_Off	INT	2	(IBM name: QWHCEUID_Off) IF QWHCEUID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCEUID_LEN.
zTCXT_Off	INT	2	(IBM name: QWHCTCXT_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE TRUSTED CONTEXT NAME, IF THE APPLICATION IS RUNNING IN A TRUSTED CONTEXT.
zROLE_Off	INT	2	(IBM name: QWHCROLE_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE ROLE NAME THAT IS ASSOCIATED WITH THE AUTHORIZATION ID, IF THE APPLICATION IS RUNNING IN A TRUSTED CONTEXT.
zOAUD_Off	INT	2	(IBM name: QWHCOAUD_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE ORIGINAL APPLICATION USER ID.
zCTKN_Off	INT	2	(IBM name: QWHCCTKN_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE CORRELATION TOKEN.
zAAACE	CHAR	8	(IBM name: QWHCAACE) IF THIS RECORD IS WRITTEN WITHIN AN ACCOUNTING INTERVAL, THE VALUE OF THIS FIELD IS THE ACE OF THE AGENT THAT INITIATED THE ACCOUNTING INTERVAL. IF THIS RECORD IS WRITTEN OUTSIDE AN ACCOUNTING INTERVAL, THE VALUE OF THIS FIELD IS 0. FOR NON-ROLLUP RECORDS, THIS FIELD CAN BE USED WITH QWSACE TO CORRELATE AN IFCID 0003 RECORD TO AN ACCOUNTING INTERVAL. FOR DDF OR RRSF ROLLUP RECORDS, THIS FIELD CAN BE USED WITH QWARACE TO CORRELATE AN IFCID 0003 RECORD TO AN ACCOUNTING INTERVAL.
zEUTX_Off	INT	2	(IBM name: QWHCEUTX_Off) IF QWHCEUTX IS TRUNCATED, THE OFFSET FROM THE BEGINNING OF QWHC TO THE TRANSACTION OR APPLICATION NAME THAT THE END USER IS RUNNING.
zEUWN_Off	INT	2	(IBM name: QWHCEUWN_Off) IF QWHCEUWN IS TRUNCATED, THE OFFSET FROM THE BEGINNING OF QWHC TO THE WORKSTATION NAME FOR THE END USER.
zJOBSTEP	CHAR	8	(IBM name: QWHCJOBSTEP) IF THE THREAD THAT IS CURRENTLY RUNNING IS A TCB, THIS VALUE IS THE STEP NAME IN THE JCL THAT IS RUNNING THE BATCH JOB.

Secondary segment: **SMF101_Prod_Trace**

Field Name	Type	Len	Description
<i>SMF101_Prod_Trace.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHTLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHTTYP) HEADER TYPE.
zTYPTxt	INT (ENUM)	1	(IBM name: QWHTTYPTxt) Header Type expanded description.
zFLG0	HEX	1	(IBM name: QWHTFLG0) FLAGS: X'20' ON - DATA USES ALET TOKEN
zTID	INT	2	(IBM name: QWHTTID) ID OF AN EVENT REPORTED BY THE DSNWTRC MACRO.
zTAG	HEX	1	(IBM name: QWHTTAG) TAG THAT DESCRIBES THE EVENT TYPE.
zFUNC	HEX	1	

			(IBM name: QWHTFUNC) RESERVED.
zEB	HEX	4	(IBM name: QWHTTEB) EXECUTION BLOCK ADDRESS.
zPASI	INT	2	(IBM name: QWHTPASI) PRIMARY ADDRESS SPACE ID.
zR14A	INT	2	(IBM name: QWHTR14A) REGISTER 14 ADDRESS SPACE ID (ASID).
zR14	INT	4	(IBM name: QWHTR14) REGISTER 14.
zR15	INT	4	(IBM name: QWHTR15) REGISTER 15.
zR0	INT	4	(IBM name: QWHTR0) REGISTER 0.
zR1	INT	4	(IBM name: QWHTR1) REGISTER 1.
zEXU	HEX	4	(IBM name: QWHTEXU) ADDRESS OF z/OS EXECUTION UNIT.
zDIM	INT	2	(IBM name: QWHTDIM) NUMBER OF DATA ITEMS.
zHASI	INT	2	(IBM name: QWHTHASI) HOME ADDRESS SPACE ID (ASID).
zFUNCG	INT	2	(IBM name: QWHTFUNCG) TRACE FUNCTION THAT IS SET BY THE DSNWTRC MACRO.
zDATA	HEX	4	(IBM name: QWHTDATA) ADDRESS OF THE DATA.
zFLAG	INT	2	(IBM name: QWHTFLAG) FLAGS IN THE TRACE LIST.
zDATL	INT	2	(IBM name: QWHTDATL) LENGTH OF THE DATA.
zALET	INT	4	(IBM name: QWHTALET) ALET TOKEN FOR DATA FIELD.

Secondary segment: SMF101_Prod_CPU

Field Name	Type	Len	Description
<i>SMF101_Prod_CPU.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHULEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHUTYP) HEADER TYPE.
zTYPTxt	INT (ENUM)	1	(IBM name: QWHUTYPTxt) Header Type expanded description.
zCPU	TIME	8	(IBM name: QWHUCPU) CPU TIME OF THE CURRENTLY DISPATCHED EXECUTION UNIT (TCB OR SRB). THIS TIME INCLUDES CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. IF THIS FIELD CONTAINS ALL BINARY ZEROES, THE CPU TIME IS NOT AVAILABLE. A GIVEN ACE TOKEN MIGHT RUN UNDER ONE OR MORE z/OS DISPATCHABLE EXECUTION UNITS. THEREFORE, THE CPU TIME FOR A GIVEN ACE MIGHT DECREASE BETWEEN EVENTS.
zCNT	HEX	2	(IBM name: QWHUCNT) (S) COUNT FIELD RESERVED.
zSE	TIME	8	(IBM name: QWHUSE) CPU TIME OF THE CURRENTLY DISPATCHED EXECUTION UNIT TCB

			OR SRB) THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. A GIVEN ACE TOKEN MIGHT RUN UNDER ONE OR MORE z/OS DISPATCHABLE EXECUTION UNITS. THEREFORE, THE CPU TIME FOR A GIVEN ACE MIGHT DECREASE BETWEEN EVENTS.
--	--	--	--

Secondary segment: SMF101_Prod_Distributed

Field Name	Type	Len	Description
<i>SMF101_Prod_Distributed.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHDLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHD TYP) HEADER TYPE.
zTYPTxt	INT (ENUM)	1	(IBM name: QWHD TYP Txt) Header Type expanded description.
zRQNM	CHAR	16	(IBM name: QWHD RQNM) %U LOCATION NAME OF THE REQUESTER. THIS IS THE NAME %U BY WHICH DB2 KNOWS THE APPLICATION REQUESTER. THIS %U FIELD IS BLANK IF THE HEADER IS WRITTEN AT THE %U APPLICATION REQUESTER. THE LUNAME (FOR SNA), THE %U IP ADDRESS (FOR TCP/IP), AND THE LOCATION %U NAME OF REMOTE SYSTEMS IN THE NETWORK ARE LOCATED IN %U THE COMMUNICATIONS DATABASE. IF THE LOCATION NAME OF %U THE LOCAL SUBSYSTEM IS NOT IN THE COMMUNICATIONS %U DATABASE, YOU CAN FIND IT IN THE BOOTSTRAP DATA SET OR %U INSTALL PANEL DSNTIPR. IF THE THREAD IS A DISTRIBUTED %U ALLIED THREAD (THIS LOCATION IS THE REQUESTER) QWHD RQNM %U IS SET TO BLANKS. IF THE THREAD IS A DATABASE ACCESS %U THREAD (THIS LOCATION IS THE SERVER), QWHD RQNM IS THE %U NAME OF THE LOCATION THAT MADE THE REQUEST AND IS NOT %U THE SAME AS QWHSLOCN, LOCAL LOCATION NAME. FOR MORE %U INFORMATION, SEE SECTION 3 OF INSTALLATION GUIDE. %U IF QWHD RQNM _OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTSTP	HEX	8	(IBM name: QWHD TSTP) TIMESTAMP FOR DATABASE ACCESS THREAD (DBAT) TRACE RECORDS.
zSVNM	CHAR	16	(IBM name: QWHD SVNM) %U EXSCAT SRVNM PARAMETER. %U IF THE RECORD IS WRITTEN AT THE APPLICATION REQUESTER %U SITE, THIS FIELD IS ZERO. %U IF THE RECORD IS WRITTEN AT THE APPLICATION SERVER SITE %U IF THE RECORD IS WRITTEN AT THE APPLICATION SERVER SITE %U FOR A REQUEST USING THE DRDA PROTOCOL, %U IT CONTAINS THE SRVNM PARAMETER OF THE EXSCAT DDM %U COMMAND. THIS IS THE NAME BY WHICH THE APPLICATION %U REQUESTER WANTS TO BE KNOWN TO THE APPLICATION SERVER. %U IF THE APPLICATION REQUESTER IS A DB2 SYSTEM, THE %U SRVNM PARAMETER IS THE SAME AS THE APPLICATION %U REQUESTER LOCATION NAME. %U IF QWHD SVNM _OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPRID	CHAR	8	(IBM name: QWHD PRID) ACCRDB PRDID PARAMETER. DDM COMMAND: ACCESS RELATIONAL DATABASE PRODUCT SPECIFIC ID. THE PRODUCT ID OF THE REQUESTER. THE VALUE IS ZERO IF THE RECORD IS WRITTEN AT THE APPLICATION REQUESTER LOCATION. THE FORMAT OF QWHD PRID IS PPPVVRM. PPP IS THE PRODUCT IDENTIFIER. POSSIBLE VALUES ARE: DSN DB2 UDB FOR z/OS. ARI DB2 UDB FOR VSE & VM. SQL DB2 UDB FOR LINUX, UNIX AND WINDOWS. JCC IBM DATA SERVER DRIVER FOR JDBC AND SQLJ. QSQ DB2 UDB FOR iSERIES. VV IS THE VERSION NUMBER. RR IS THE RELEASE NUMBER. M IS THE MODIFICATION LEVEL.
zRQNM_Off	INT	2	(IBM name: QWHD RQNM _Off) IF QWHD RQNM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHD TO QWHD RQNM _LEN.

zSVNM_Off	INT	2	(IBM name: QWHDSVNM_Off) IF QWHDSVNM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHD TO QWHDSVNM_LEN.
zRQNM_Var	CHARVARYING	130	(IBM name: QWHDRQNM_Var) %U LOCATION NAME OF THE REQUESTER.
zSVNM_Var	CHARVARYING	130	(IBM name: QWHDSVNM_Var) %U SRVNAM PARAMETER OF DRDA EXCSAT COMMAND.

Secondary segment: **SMF101_Prod_Data_Sharing**

Field Name	Type	Len	Description
<i>SMF101_Prod_Data_Sharing.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHALEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHATYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHATYPTText) Header Type expanded description.
zMEMN	CHAR	8	(IBM name: QWHAMEMN) DB2 MEMBER NAME WITHIN THE DB2 DATA SHARING GROUP.
zDSGN	CHAR	8	(IBM name: QWHADSGN) DB2 DATA SHARING GROUP NAME.

Secondary segment: **SMF101_WA0_Triplets**

Field Name	Type	Len	Description
<i>SMF101_WA0_Triplets.<fieldname></i>			
zWACo	INT	4	
zWACI	INT	2	
zWACn	INT	2	
zXSTo	INT	4	
zXSTI	INT	2	
zXSTn	INT	2	
zBACo	INT	4	
zBACI	INT	2	
zBACn	INT	2	
zTXAo	INT	4	
zTXAI	INT	2	
zTXAn	INT	2	
zLACo	INT	4	
zLACI	INT	2	
zLACn	INT	2	
zMDAo	INT	4	
zMDAI	INT	2	
zMDAn	INT	2	

zIFAo	INT	4	
zIFAI	INT	2	
zIFAn	INT	2	
zWARo	INT	4	
zWARI	INT	2	
zWARn	INT	2	
zBGAo	INT	4	
zBGAI	INT	2	
zBGAn	INT	2	
zTGAo	INT	4	
zTGAI	INT	2	
zTGAn	INT	2	
zWDAo	INT	4	
zWDAI	INT	2	
zWDAn	INT	2	
zWAXo	INT	4	
zWAXI	INT	2	
zWAXn	INT	2	
z8ACo	INT	4	
z8ACI	INT	2	
z8ACn	INT	2	

Secondary segment: SMF101_Instrumentation

Field Name	Type	Len	Description
<i>SMF101_Instrumentation.<fieldname></i>			
zBSC	TSTMP	8	(IBM name: QWACBSC) BEGINNING STORE CLOCK VALUE (STCK) FOR THE PERIOD COVERED BY THIS ACCOUNTING RECORD. YOU CAN DETERMINE THE ELAPSED TIME OF THE APPLICATION BY SUBTRACTING THIS FIELD FROM QWACESC (ENDING STORE CLOCK VALUE). THREADS THAT DO NOT TERMINATE (SUCH AS CICS PRIMED THREADS AND IMS WAIT-FOR-INPUT MESSAGE REGIONS) CAN HAVE AN ENDING CLOCK VALUE THAT INCLUDES THE TIME THE THREAD WAS INACTIVE AND WAITING TO PERFORM WORK.
zESC	TSTMP	8	(IBM name: QWACESC) ENDING STORE CLOCK VALUE. YOU CAN USE THIS FIELD WITH THE FIELD QWACBSC (BEGINNING STORE CLOCK VALUE) TO DETERMINE THE ELAPSED TIME OF AN APPLICATION. SEE COMMENTS ON QWACBSC FOR MORE INFORMATION.
zBJST	TIME	8	(IBM name: QWACBJST) BEGINNING CPU TIME FOR ALL ENVIRONMENTS (CICS, IMS, RRSF, TSO, AND DDF). THIS CPU TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. BINARY ZERO MEANS THAT NO TIME VALUE IS AVAILABLE.
zEJST	TIME	8	(IBM name: QWACEJST) ENDING CPU TIME FOR ALL ENVIRONMENTS (CICS, IMS, RRSF, TSO, AND DDF). THIS CPU TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. BINARY ZERO MEANS THAT NO TIME VALUE IS AVAILABLE. THE VALUE OF QWACEJST MIGHT BE INVALID IF THE VALUE OF QWACRINV IS IS GREATER THAN X'14' (DECIMAL 20), OR FOR END-OF-MEMORY CONDITIONS. THE VALUE OF QWACEJST MIGHT BE ZERO IF THE VALUE OF

			QWACRINV IS EQUAL TO X'14' (DECIMAL 20).
--	--	--	--

SMF101_Instrumentation.zRINV.<fieldname>

zRINVint	INT	1	(IBM name: QWACRINVint) REASON ACCOUNTING IS INVOKED: IF REASON IS DECIMAL 16,20,24,28,OR 32, THE ACCOUNTING RECORD IS WRITTEN AT DEALLOCATION. IF REASON IS DECIMAL 40,44,48,OR 56, THE ACCOUNTING RECORD IS WRITTEN IMMEDIATELY, AND THE WORK UNIT IS INDOUBT.
zRINVdesc	INT (ENUM)	4	

SMF101_Instrumentation.<fieldname>

zNID	CHAR	16	(IBM name: QWACNID) NETWORK ID VALUE PASSED FROM CICS, IMS OR z/OS RRS TO DB2. THIS IS ALSO CALLED A RECOVERY TOKEN. THIS NETWORK ID VALUE SHOULD NOT BE CONFUSED WITH THE LU6.2 NETWORK ID. QWACNID FOR CICS CONSISTS OF THE CICS CONNECTION NAME AND A UNIQUE NUMBER PROVIDED BY CICS AT THE TIME THE SYNC POINT LOG ENTRIES ARE WRITTEN. QWACNID FOR IMS CONSISTS OF THE IMS ID AND AN OASN, WHICH UNIQUELY IDENTIFIES THE SCHEDULING AND UNIT COMMITTED OR ROLLED BACK. QWACNID FOR RRSFAF IS THE z/OS RRS UNIT OF RECOVERY ID (URID) THAT IS USED TO UNIQUELY IDENTIFY A UNIT OF WORK.
zCOMM	INT	4	(IBM name: QWACCOMM) NUMBER OF SUCCESSFUL PHASE 2 OR SINGLE-PHASE COMMIT (SYNC) REQUESTS. THIS COUNT INDICATES THE NUMBER OF UNITS OF RECOVERY THAT COMPLETED SUCCESSFULLY, AND FOR WHICH THE ASSOCIATED COMMIT DURATION LOCKS WERE RELEASED. THIS COUNT REPRESENTS THE TOTAL NUMBER OF COMMIT REQUESTS PROCESSED BY THE DB2 SUBSYSTEM, WHETHER THE REQUEST WAS AN EXPLICIT EXTERNAL REQUEST (FROM AN IMS OR CICS CONNECTION), AN IMPLICIT EXTERNAL REQUEST (FROM TERMINATION OF A CICS OR IMS CONNECTION), OR AN IMPLICIT INTERNAL REQUEST (WITHIN DB2 WHEN DB2 WAS THE COMMIT COORDINATOR, WHEN DB2 CONDUCTED READ-ONLY COMMIT PROCESSING AS A COMMIT PARTICIPANT ON PHASE 1 CALL FROM AN IMS OR CICS CONNECTION, OR WHEN DB2 PERFORMED A COMMIT OPERATION BECAUSE COMMIT_ON_RETURN WAS SPECIFIED FOR A STORED PROCEDURE.) FOR MORE INFORMATION ON THE DB2 COMMIT PROCESS, SEE DIAGNOSIS GUIDE AND REFERENCE.
zABRT	INT	4	(IBM name: QWACABRT) NUMBER OF ROLLBACK REQUESTS. THIS COUNT INDICATES THE NUMBER OF UNITS OF RECOVERY THAT WERE BACKED OUT AND INCLUDES ROLLBACKS FROM ATTACHES. - APPLICATION PROGRAM ABEND - APPLICATION ROLLBACK REQUEST - APPLICATION DEADLOCKED ON DATABASE RECORDS - APPLICATION CANCELED BY OPERATOR - THREAD ABEND CAUSED BY A RESOURCE SHORTAGE. IN SHORT, THIS COUNTER IS INCREMENTED FOR ALL ROLLBACKS, REGARDLESS OF SOURCE.

SMF101_Instrumentation.z1.<fieldname>

zASC	TIME	8	(IBM name: QWACASC) ACCUMULATED ELAPSED TIME IN DB2. THIS FIELD IS CALCULATED IF ACCOUNTING CLASS 2 IS ON. THIS FIELD IS CALCULATED FOR THREADS BY TAKING THE STORE CLOCK (STCK) TIME ON EXIT FROM DB2 AND SUBTRACTING THE STORE CLOCK VALUE ON ENTRY TO DB2. HOWEVER, THE TIMES FOR MOST THREAD ALLOCATION AND CERTAIN ABEND CONDITIONS ARE NOT INCLUDED.
zAJST	TIME	8	(IBM name: QWACAJST) ACCUMULATED CPU TIME FOR ALL ENVIRONMENTS (CICS, IMS, RRSFAF, TSO, AND DDF). THIS CPU TIME DOES NOT INCLUDE: - CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. - CPU TIME FOR PROCESSING SQL ON BEHALF OF A STORED PROCEDURE. FOR STORED PROCEDURE TIME, SEE QWACSPTT. A VALUE OF BINARY ZERO MEANS THAT NO TIME VALUE IS AVAILABLE.
zAWTI	TIME	8	

			(IBM name: QWACAWTI) ACCUMULATED I/O ELAPSED WAIT TIME FOR DATABASE I/O DONE UNDER THIS THREAD. THIS FIELD IS FOR SYNCHRONOUS I/O ONLY. IT INCLUDES SYNCHRONOUS READ AND WRITE I/O. THIS VALUE IS CALCULATED FOR THREADS BY TAKING THE STCK TIME ON ENTRY TO EVENT WAIT AND SUBTRACTING STCK ON EXIT RESUME FROM THE EVENT. ITS VALUE INDICATES THE ELAPSED TIME THE ALLIED AGENT WAITED FOR ITS I/O IN DB2. WHEN DB2 MAKES AN I/O REQUEST FOR AN ALLIED AGENT AND MAKES THE AGENT WAIT, THE STORE CLOCK VALUE IS SAVED. WHEN THE I/O COMPLETES, THE ENDING TIME IS USED TO CALCULATE THE TOTAL ELAPSED I/O TIME. THE RESULT IS ADDED TO THE PREVIOUSLY SAVED ELAPSED SYNCHRONOUS I/O WAIT TIME IN DB2.
zAWTL	TIME	8	(IBM name: QWACAWTL) ACCUMULATED WAIT TIME DUE TO LOCAL CONTENTION FOR LOCKS. LOCAL CONTENTION DOES NOT INVOLVE INTER-SYSTEM COMMUNICATION. LOCAL CONTENTION IS RESOLVED ENTIRELY WITHIN A SINGLE SUBSYSTEM. GLOBAL CONTENTION, WHICH INVOLVES INTER-SYSTEM COMMUNICATION, IS REPORTED IN FIELD QWACAWTJ.
zARNA	INT	4	(IBM name: QWACARNA) NUMBER OF DB2 ENTRY AND EXIT EVENTS PROCESSED BY THE ALLIED ADDRESS SPACE. THIS FIELD GIVES THE NUMBER OF ENTRY AND EXIT EVENTS PROCESSED TO CALCULATE THE ELAPSED TIME IN DB2 AND THE PROCESSOR TIMES. THIS FIELD DOES NOT INCLUDE SQL ENTRY AND EXIT EVENTS PROCESSED BY A STORED PROCEDURE. FOR THAT NUMBER, SEE QWACSPNE.
zARNE	INT	4	(IBM name: QWACARNE) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR DATABASE I/O UNDER THIS THREAD. FOR THE CALCULATION METHOD, SEE FIELD QWACAWTI.
zAWTR	TIME	8	(IBM name: QWACAWTR) ACCUMULATED WAIT TIME FOR READ I/O THAT IS DONE UNDER A THREAD OTHER THAN THIS ONE. THIS VALUE IS CALCULATED FOR THREADS BY SUBTRACTING THE STCK TIME ON ENTRY TO EVENT WAIT FROM STCK TIME ON EXIT RESUME FROM THE EVENT. THIS TIME REPRESENTS THE TIME THE THREAD BEING REPORTED WAITED FOR THE SUBJECT I/O AND NOT THE TOTAL DURATION OF THAT I/O. THIS FIELD IS COLLECTED IF ACCOUNTING CLASS 3 IS ON. THE FOLLOWING I/O WAITS ARE INCLUDED IN THIS FIELD: - SEQUENTIAL PREFETCH - SEQUENTIAL DETECTION - LIST PREFETCH - SYNCHRONOUS READ I/O PERFORMED BY A THREAD OTHER THAN THE THREAD BEING REPORTED.
zAWTW	TIME	8	(IBM name: QWACAWTW) ACCUMULATED WAIT TIME FOR WRITE I/O THAT IS DONE UNDER A THREAD OTHER THAN THIS ONE. THIS VALUE IS CALCULATED FOR THREADS BY SUBTRACTING THE STCK TIME ON ENTRY TO EVENT WAIT FROM STCK TIME ON EXIT RESUME FROM THE EVENT. THIS TIME REPRESENTS THE TIME THE THREAD BEING REPORTED WAITED FOR THE SUBJECT I/O AND NOT THE TOTAL DURATION OF THAT I/O. THIS FIELD IS COLLECTED IF ACCOUNTING CLASS 3 IS ON. THE FOLLOWING I/O WAITS ARE INCLUDED IN THIS FIELD: - ASYNCHRONOUS WRITE I/O - SYNCHRONOUS WRITE I/O PERFORMED BY A THREAD OTHER THAN THE THREAD BEING REPORTED - BUFFER MANAGER FORCE WRITE I/O
zAWTE	TIME	8	(IBM name: QWACAWTE) ACCUMULATED WAIT TIME BECAUSE OF A SYNCHRONOUS EXECUTION UNIT SWITCH FOR DB2 COMMIT, ABORT, OR DEALLOCATION PROCESSING. FOR RRSF THREADS, THIS VALUE INCLUDES EXPLICIT COMMIT TIME FOR SRRRCMT CALLS. SEE QWACAWLG FOR IMPLICIT RRS COMMIT TIME.
zAWLH	TIME	8	(IBM name: QWACAWLH) ACCUMULATED WAIT TIME DUE TO LATCH CONTENTION.
zARNL	INT	4	(IBM name: QWACARNL) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR LOCAL CONTENTION FOR LOCKS.
zARNR	INT	4	(IBM name: QWACARNR) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR READ I/O UNDER ANOTHER THREAD.
zARNW	INT	4	(IBM name: QWACARNW) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR

			WRITE I/O UNDER ANOTHER THREAD. THIS NUMBER INCLUDES WAIT TRACE EVENTS FOR BUFFER MANAGER FORCE WRITE I/O WAITS.
zARNS	INT	4	(IBM name: QWACARNS) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING FOR COMMIT OR ABORT.
zARLH	INT	4	(IBM name: QWACARLH) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR LATCH CONTENTION.

SMF101_Instrumentation.z2.<fieldname>

zARLG	INT	4	(IBM name: QWACARLG) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR LOG READ I/O.
zAWLG	TIME	8	(IBM name: QWACAWLG) ACCUMULATED WAIT TIME FOR LOG WRITE I/O. FOR RRSF THREADS, THIS VALUE INCLUDES IMPLICIT COMMIT TIME FOR RRS AT EOT IF UNCOMMITTED WORK EXISTS. SEE QWACAWTE FOR EXPLICIT RRS COMMIT TIME.
zALBC	INT	4	(IBM name: QWACALBC) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR TCP/IP LOB OR XML MATERIALIZATION.
zALBW	TIME	8	(IBM name: QWACALBW) ACCUMULATED WAIT TIME FOR TCP/IP LOB OR XML MATERIALIZATION.
zAACC	INT	4	(IBM name: QWACAACC) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR REQUESTS TO AN ACCELERATOR.
zAACW	TIME	8	(IBM name: QWACAACW) ACCUMULATED WAIT TIME FOR REQUESTS TO AN ACCELERATOR.
zAWTP	TIME	8	(IBM name: QWACAWTP) ACCUMULATED WAIT TIME BECAUSE OF PAGE LATCH CONTENTION. FOR EXAMPLE, WHEN RUNSTATS AND COPY UTILITIES ARE RUN WITH THE SHRLEVEL(CHANGE) OPTION, THEY USE A PAGE LATCH INSTEAD OF LOCKING IN ORDER TO SERIALIZE THE COLLECTION OF STATISTICS OR THE COPYING OF A PAGE. YOU CAN REDUCE PAGE LATCH CONTENTION BY CONTROLLING THE WAY YOU SCHEDULE YOUR APPLICATIONS.
zARNH	INT	4	(IBM name: QWACARNH) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR PAGE LATCH CONTENTION.

SMF101_Instrumentation.z3.<fieldname>**SMF101_Instrumentation.z3.zFLGS.<fieldname>**

zBADE	BIT	1	X'0400' bit ON - AN ERROR WAS DETECTED IN THE WLM ENCLAVE STRUCTURE. SOME ACCOUNTING DATA MIGHT BE INCORRECT.
zPARR	BIT	1	X'0040' bit ON - THERE IS ROLLUP DATA FOR PARALLEL CHILD TASKS OR DDF OR RRSF THREADS IN THIS DSNDQWAC DATA SECTION.
zCL80	BIT	1	X'0020' bit ON - Class 8 accounting data
zCL70	BIT	1	X'0010' bit ON - Class 7 accounting data
zCL30	BIT	1	X'0008' bit ON - Class 3 accounting data
zCL20	BIT	1	X'0004' bit ON - Class 2 accounting data
zCLS3	BIT	1	X'0002' bit ON - THERE IS NONZERO ACCOUNTING CLASS 3 DATA IN THIS DSNDQWAC DATA SECTION. IF THERE IS NONZERO ACCOUNTING CLASS 2 DATA ALSO, BOTH QWACCLS2 AND QWACCLS3 ARE ON (QWACFLGS=X'0003'). QWACCLS3 IS ON ONLY IF ACCOUNTING CLASS 3 OR 8 WAS ACTIVE DURING THE LIFE OF THE AGENT WHEN A CLASS 3 EVENT OCCURRED.
zCLS2	BIT	1	

			X'0001' bit ON - THERE IS NONZERO ACCOUNTING CLASS 2 DATA IN THIS DSNQWAC DATA SECTION. IF THERE IS NONZERO ACCOUNTING CLASS 3 DATA ALSO, BOTH QWACCLS2 AND QWACCLS3 ARE ON (QWACFLGS=X'0003'). QWACCLS2 IS ON ONLY IF ACCOUNTING CLASS 2 OR 7 WAS ACTIVE DURING THE LIFE OF THE AGENT WHEN A CLASS 2 EVENT OCCURRED.
--	--	--	---

SMF101_Instrumentation.z3.<fieldname>

zPKGNG	INT	2	(IBM name: QWACPKGNG) THE NUMBER OF PACKAGES OR DBRMS FOR WHICH PACKAGE-LEVEL OR DBRM-LEVEL ACCOUNTING WAS PERFORMED. THIS VALUE IS THE NUMBER OF QPAC SECTIONS TO BE WRITTEN FOR THIS AGENT IN IFCID 239 (10 FOR EACH RECORD). QWACPKGNG IS NON-ZERO ONLY IF ACCOUNTING CLASS 7 OR ACCOUNTING CLASS 8 WAS ACTIVE WHEN THE AGENT BEGAN EXECUTING A PACKAGE.
--------	-----	---	--

SMF101_Instrumentation.zA261.<fieldname>

zAWTNG	TIME	8	(IBM name: QWACAWTNG) ACCUMULATED ELAPSED WAIT TIME CAUSED BY SUSPENSION FOR SENDING MESSAGES TO OTHER MEMBERS IN THE DATA SHARING GROUP. ONE COMMON USE OF INTER-SYSTEM MESSAGE SENDING IS WHEN DATABASE DESCRIPTORS ARE CHANGED DUE TO CREATE, ALTER, OR DROP STATEMENTS. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE AND DB2 IS A MEMBER OF A DATA SHARING GROUP.
zAWTJ	TIME	8	(IBM name: QWACAWTJ) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PARENT L-LOCKS. GLOBAL CONTENTION OCCURS WHEN INTER-SYSTEM COMMUNICATION IS REQUIRED TO RESOLVE AN IRLM LOCK OR CHANGE REQUEST. QPACAWTL CONTAINS THE WAIT TIME DUE TO LOCAL CONTENTION. LOCAL COMMUNICATION DOES NOT REQUIRE INTER-SYSTEM COMMUNICATION. IT CAN BE RESOLVED BY THE LOCAL SUBSYSTEM.
zARNG	INT	4	(IBM name: QWACARNG) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SENDING MESSAGES TO OTHER MEMBERS IN THE DATA SHARING GROUP. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE AND DB2 IS A MEMBER OF A DATA SHARING GROUP.
zARNJ	INT	4	(IBM name: QWACARNJ) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR GLOBAL LOCK CONTENTION FOR PARENT L-LOCKS.

SMF101_Instrumentation.zB302.<fieldname>

zSPCP	TIME	8	(IBM name: QWACSPCP) ACCUMULATED CPU TIME USED TO SATISFY EXTERNAL STORED PROCEDURE REQUESTS THAT WERE PROCESSED IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. SQL PROCEDURE TIME IS INCLUDED ONLY IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME DOES NOT INCLUDE CPU TIME THAT WAS CONSUMED ON AN IBM SPECIALTY ENGINE.
-------	------	---	--

SMF101_Instrumentation.zA302.<fieldname>

zSPTT	TIME	8	(IBM name: QWACSPTT) ACCUMULATED CPU TIME THAT WAS SPENT IN DB2 FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY STORED PROCEDURES IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES DB2 TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE STORED PROCEDURE TASK FOR EXTERNAL STORED PROCEDURES. SQL PROCEDURE TIMES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME IS A SUBSET OF THE QWACSPCP TIME. IT DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
zSPNE	INT	4	(IBM name: QWACSPNE) NUMBER OF SQL ENTRY OR EXIT EVENTS PERFORMED BY STORED

			PROCEDURES. THIS NUMBER IS CALCULATED ONLY IF ACCOUNTING CLASS 2 IS ACTIVE.
zCAST	TIME	8	(IBM name: QWACCAST) TOTAL ELAPSED TIME SPENT WAITING FOR AN AVAILABLE TCB BEFORE THE STORED PROCEDURE COULD BE SCHEDULED. THIS TIME IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE.
zCANM	INT	4	(IBM name: QWACCANM) NUMBER OF TIMES AN SQL CALL STATEMENT HAD TO WAIT FOR AN AVAILABLE TCB BEFORE THE STORED PROCEDURE COULD BE SCHEDULED. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE.

SMF101_Instrumentation.zA282.<fieldname>

zPCNT	INT	4	(IBM name: QWACPCNT) THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 1 IS ACTIVE. - FOR A NON-ROLLUP RECORD FOR A PARENT AGENT, THIS VALUE IS THE NUMBER OF PARALLEL CHILD AGENTS THAT WERE CREATED. - FOR A NON-ROLLUP RECORD FOR A CHILD AGENT, THIS VALUE IS 0. - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS THE NUMBER OF PARALLEL CHILD AGENTS THAT WERE INCLUDED IN THE RECORD. - FOR AN AUTONOMOUS PROCEDURE ROLLUP RECORD, THIS VALUE IS THE NUMBER OF AUTONOMOUS PROCEDURES THAT WERE ROLLED INTO THE RECORD. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE IS THE NUMBER OF ACCOUNTING INTERVALS THAT WERE INCLUDED IN THE RECORD FOR THE CORRESPONDING END USER.
zPACE	HEX	4	(IBM name: QWACPACE) TOKEN USED TO CORRELATE: - PARALLEL TASK RECORDS WITH THE RECORDS OR THE ORIGINATING TASK. - UTILITY SUBTASK RECORDS WITH THE RECORDS OF THE MAIN UTILITY TASK. - AUTONOMOUS TRANSACTION ROLLUP RECORDS WITH THE RECORDS OF THE CALLER. THIS FIELD CAN HAVE THE FOLLOWING VALUES: - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS EQUAL TO THE QWHSACE VALUE IN THE PARENT RECORD. - FOR A UTILITY SUBTASK ROLLUP RECORD, THIS VALUE IS EQUAL TO THE QWHSACE VALUE IN THE MAIN UTILITY TASK RECORD. - FOR AN AUTONOMOUS PROCEDURE ROLLUP RECORD, THIS VALUE IS EQUAL TO THE VALUE OF QWHSACE IN THE RECORD FOR THE CALLER. - FOR A NON-ROLLUP RECORD, THIS VALUE IS ZERO. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE HAS NO MEANING. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 1 IS ACTIVE.

SMF101_Instrumentation.zA310.<fieldname>

zSUCV	HEX	4	(IBM name: QWACSUCV) CPU SERVICE UNIT CONVERSION FACTOR. THIS VALUE CAN BE USED TO CONVERT CPU TIME TO A COMMON UNIT KNOWN AS A SERVICE UNIT (SU). THE CONVERSION FACTOR USED DEPENDS ON THE PROCESSOR MODEL BEING USED. BY USING THE SU, YOU CAN DO EQUITABLE CHARGEBACK, EVEN WHEN WORK IS PERFORMED ON DIFFERENT MACHINES. THE CONVERSION FACTOR IS USED AS FOLLOWS: $SU = CPU\ SECONDS * (16000000 / CONVERSION\ FACTOR)$. THIS VALUE IS THE CONVERSION FACTOR AT THE TIME THE RECORD WAS WRITTEN.
-------	-----	---	--

SMF101_Instrumentation.zAWLM.<fieldname>

zWLME	CHAR	8	(IBM name: QWACWLME) THE z/OS WORKLOAD MANAGER SERVICE CLASS NAME FOR A DATABASE ACCESS THREAD. THE WLM SERVICE CLASS DETERMINES THE z/OS WLM PRIORITY OF THE WORK PERFORMED BY THE DATABASE ACCESS THREAD. IF THE WLM SERVICE CLASS NAME IS NOT AVAILABLE, THIS FIELD CONTAINS BINARY ZEROES. FOR DDF OR RRSF ROLLUP ACCOUNTING RECORDS (QWACRINV = QWACRACC, QWACRSTG, OR QWACRSTL), THIS VALUE IS OBTAINED FROM THE LAST THREAD TO ROLL UP DATA INTO THE RECORD.
-------	------	---	--

SMF101_Instrumentation.zAALG.<fieldname>

zLRN	INT	4	(IBM name: QWACL RN) NUMBER OF LOG RECORDS WRITTEN. THE AMOUNT OF LOGGING
------	-----	---	--

			FOR A THREAD CAN EXCEED THE AMOUNT OF LOGGING FOR UNITS OF RECOVERY BECAUSE THE LOGGING FOR A THREAD INCLUDES LOGGING OF ACTIONS PERFORMED BY DB2 ON BEHALF OF THE THREAD.
zLRAB	HEX	8	(IBM name: QWACLRA) TOTAL NUMBER OF BYTES OF LOG RECORDS WRITTEN.

SMF101_Instrumentation.zB303.<fieldname>

zUDCP	TIME	8	(IBM name: QWACUDCP) THE ACCUMULATED CPU TIME THAT WAS USED TO SATISFY USER-DEFINED FUNCTION REQUESTS THAT WERE PROCESSED IN A WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACE. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
-------	------	---	--

SMF101_Instrumentation.zA303.<fieldname>

zUDTT	TIME	8	(IBM name: QWACUDTT) ACCUMULATED CPU TIME THAT WAS SPENT IN DB2 FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY USER-DEFINED FUNCTIONS IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES DB2 TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE USER-DEFINED FUNCTION TASK. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME IS A SUBSET OF THE QWACUDCP TIME. IT DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
zUDNE	INT	4	(IBM name: QWACUDNE) THE NUMBER OF SQL ENTRY/EXIT EVENTS PERFORMED BY USER-DEFINED FUNCTIONS. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING TRACE CLASS 2 IS ACTIVE.
zUDST	TIME	8	(IBM name: QWACUDST) THE TOTAL ELAPSED TIME SPENT WAITING FOR AN AVAILABLE TCB BEFORE THE USER-DEFINED FUNCTION COULD BE SCHEDULED. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING TRACE CLASS 3 IS ACTIVE.
zUDEA	TIME	8	(IBM name: QWACUDEA) THE TOTAL ELAPSED TIME THAT WAS SPENT IN USER-DEFINED FUNCTIONS IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME INCLUDES TIME THAT WAS SPENT EXECUTING SQL STATEMENTS.
zUDEB	TIME	8	(IBM name: QWACUDEB) THE TOTAL ELAPSED TIME THAT WAS SPENT IN DB2 FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY USER-DEFINED FUNCTIONS IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES DB2 TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE USER-DEFINED FUNCTION TASK. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT.

SMF101_Instrumentation.zB304.<fieldname>

zTRTT	TIME	8	(IBM name: QWACTRTT) THE ACCUMULATED CPU TIME USED FOR EXECUTING TRIGGERS IN THE MAIN APPLICATION EXECUTION UNIT. THIS VALUE DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
zTRET	TIME	8	(IBM name: QWACTRET) THE ACCUMULATED ELAPSED TIME USED WHILE EXECUTING TRIGGERS IN THE MAIN APPLICATION EXECUTION UNIT.

zSPEA	TIME	8	(IBM name: QWACSPEA) TOTAL ELAPSED TIME USED TO SATISFY EXTERNAL STORED PROCEDURE REQUESTS THAT WERE PROCESSED IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. SQL PROCEDURE TIME IS INCLUDED ONLY IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS VALUE INCLUDES TIME THAT WAS USED FOR EXECUTING SQL STATEMENTS.
zSPEB	TIME	8	(IBM name: QWACSPEB) TOTAL ELAPSED TIME THAT WAS SPENT FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY STORED PROCEDURES IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE STORED PROCEDURE TASK, FOR EXTERNAL STORED PROCEDURES. SQL PROCEDURE TIMES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT.

SMF101_Instrumentation.<fieldname>

zTRTE	TIME	8	(IBM name: QWACTRTE) THE ACCUMULATED CPU TIME USED FOR EXECUTING TRIGGERS IN A NESTED TASK. THIS TIME DOES NOT INCLUDE CPU TIME THAT CONSUMED ON AN IBM SPECIALTY ENGINE.
zTREE	TIME	8	(IBM name: QWACTREE) THE ACCUMULATED ELAPSED TIME USED FOR EXECUTING TRIGGERS IN A NESTED TASK.

SMF101_Instrumentation.zESPV.<fieldname>

zSVPT	INT	4	(IBM name: QWACSVPT) THE NUMBER OF SQL SAVEPOINT STATEMENTS EXECUTED.
zRLSV	INT	4	(IBM name: QWACRLSV) THE NUMBER OF SQL RELEASE SAVEPOINT STATEMENTS EXECUTED.
zRBSV	INT	4	(IBM name: QWACRBSV) THE NUMBER OF SQL ROLLBACK TO SAVEPOINT STATEMENTS EXECUTED.

SMF101_Instrumentation.z2AW.<fieldname>

zAWTK	TIME	8	(IBM name: QWACAWTK) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
zAWTM	TIME	8	(IBM name: QWACAWTM) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
zAWTN	TIME	8	(IBM name: QWACAWTN) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
zAWTO	TIME	8	(IBM name: QWACAWTO) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
zAWTQ	TIME	8	(IBM name: QWACAWTQ) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.
zARNK	INT	4	(IBM name: QWACARNK) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
zARNM	INT	4	(IBM name: QWACARNM) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
zARNN	INT	4	(IBM name: QWACARNN) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
zARNO	INT	4	

			(IBM name: QWACARNO) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
zARNQ	INT	4	(IBM name: QWACARNQ) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.

SMF101_Instrumentation.zIIP.<fieldname>

zCLS1_zIIP	TIME	8	(IBM name: QWACCLS1_zIIP) ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE IN ALL ENVIRONMENTS.
zCLS2_zIIP	TIME	8	(IBM name: QWACCLS2_zIIP) ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTION IN DB2.
zTRTT_zIIP	TIME	8	(IBM name: QWACTRTT_zIIP) ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTION OF TRIGGERS ON THE MAIN APPLICATION EXECUTION UNIT.
zZIIP_ELIGIBLE	TIME	8	(IBM name: QWACZIIP_ELIGIBLE) (S) ACCUMULATED CPU TIME THAT IS CONSUMED ON A STANDARD (S) PROCESSOR BY WORK THAT IS ELIGIBLE FOR EXECUTION (S) ON AN IBM SPECIALTY ENGINE. (S) FOR RECORDS FOR THE PARENT TASKS IN PARALLEL QUERIES, (S) THIS VALUE REFLECTS ZIIP-ELIGIBLE TIME FOR THE (S) PARENT AND THE CHILD TASKS. CHILD TASK RECORDS (S) HAVE A VALUE OF 0.
zSPNF_zIIP	TIME	8	(IBM name: QWACSPNF_zIIP) ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTING STORED PROCEDURE REQUESTS ON THE MAIN APPLICATION EXECUTION UNIT. BECAUSE THESE STORED PROCEDURES RUN ENTIRELY IN DB2, THIS TIME REPRESENTS CLASS 1 AND CLASS 2 TIME.
zUDFNF_zIIP	TIME	8	(IBM name: QWACUDFNF_zIIP) RESERVED.

SMF101_Instrumentation.zNF.<fieldname>

zSPNF_ELAP	TIME	8	(IBM name: QWACSPNF_ELAP) ACCUMULATED ELAPSED TIME THAT IS CONSUMED ON AN IBM ZIIP FOR EXECUTING STORED PROCEDURE REQUESTS ON THE MAIN APPLICATION EXECUTION UNIT. BECAUSE THESE STORED PROCEDURES RUN ENTIRELY IN DB2, THIS TIME REPRESENTS CLASS 1 AND CLASS 2 TIME.
zSPNF_CP	TIME	8	(IBM name: QWACSPNF_CP) ACCUMULATED CPU TIME THAT IS USED FOR EXECUTING STORED PROCEDURE REQUESTS ON THE MAIN APPLICATION EXECUTION UNIT. THIS TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. BECAUSE THESE STORED PROCEDURES RUN ENTIRELY IN DB2, THIS TIME REPRESENTS CLASS 1 AND CLASS 2 TIME.
zUDFNF_ELAP	CHAR	8	(IBM name: QWACUDFNF_ELAP) RESERVED.
zUDFNF_CP	CHAR	8	(IBM name: QWACUDFNF_CP) RESERVED.

SMF101_Instrumentation.zCSE.<fieldname>

zSP_CLS1se	TIME	8	(IBM name: QWACSP_CLS1se) THE ACCUMULATED CPU TIME THAT IS USED TO SATISFY STORED PROCEDURE REQUESTS THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE. TIMES FOR SQL PROCEDURES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURES WAS CALLED ON A NESTED TASK, AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT.
zSP_CLS2se	TIME	8	(IBM name: QWACSP_CLS2se) THE ACCUMULATED CPU TIME THAT IS CONSUMED IN DB2 FOR PROCESSING SQL STATEMENTS THAT ARE ISSUED BY STORED PROCEDURES THAT ARE PROCESSED IN A STORED PROCEDURE

			ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE. TIMES FOR SQL PROCEDURES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURE WAS CALLED ON A NESTED TASK, AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME IS A SUBSET OF QWACSP_CLS1SE.
zUDF_CLS1se	TIME	8	(IBM name: QWACUDF_CLS1se) THE ACCUMULATED CPU TIME THAT IS USED TO SATISFY USER-DEFINED FUNCTION REQUESTS THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE.
zUDF_CLS2se	TIME	8	(IBM name: QWACUDF_CLS2se) THE ACCUMULATED CPU TIME THAT IS CONSUMED IN DB2 FOR PROCESSING SQL STATEMENTS THAT ARE ISSUED BY USER-DEFINED FUNCTIONS THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE. THIS TIME IS A SUBSET OF QWACUDF_CLS1SE.
zTRTE_se	TIME	8	(IBM name: QWACTRTE_se) THE ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTION OF TRIGGERS ON A NESTED TASK.

SMF101_Instrumentation.zLen696Data.<fieldname>
SMF101_Instrumentation.zLen696Data.zRU.<fieldname>

z_AT_WAIT	TIME	8	(IBM name: QWAC_AT_WAIT) ACCUMULATED WAIT TIME FOR AUTONOMOUS TRANSACTIONS TO COMPLETE.
z_AT_COUNT	INT	4	(IBM name: QWAC_AT_COUNT) NUMBER OF AUTONOMOUS TRANSACTIONS THAT WERE EXECUTED. - FOR A NON-ROLLUP RECORD, THIS VALUE IS THE NUMBER OF AUTONOMOUS TRANSACTIONS THAT WERE EXECUTED. - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS 0. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE IS THE NUMBER OF AUTONOMOUS TRANSACTIONS THAT WERE EXECUTED. THIS VALUE IS NOT INCLUDED IN QWACPCNT.
z_PT_COUNT	INT	4	(IBM name: QWAC_PT_COUNT) NUMBER OF PARALLEL QUERY CHILD AGENTS IN A RECORD: - FOR A NON-ROLLUP RECORD, THIS VALUE IS ZERO. - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS THE NUMBER OF PARALLEL QUERY CHILD AGENTS THAT WERE INCLUDED IN THE RECORD. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE IS THE NUMBER OF PARALLEL QUERY CHILD AGENTS THAT WERE INCLUDED IN THE RECORD. THESE AGENTS ARE NOT INCLUDED IN THE CALCULATION OF QWACPCNT. - FOR A DDF OR RRSF ROLLUP RECORD, THE AUTONOMOUS TRANSACTION ACCOUNTING DATA IS INCLUDED IN THIS RECORD.

SMF101_Instrumentation.zLen696Data.zRU.zFLGS2.<fieldname>

z_RU_PARQRY	BIT	1	X'8000': THE RECORD CONTAINS PARALLEL QUERY ROLLUP DATA.
z_RU_AT	BIT	1	X'4000': THE RECORD CONTAINS AUTONOMOUS TRANSACTION ROLLUP DATA.

SMF101_Instrumentation.zLen696Data.z_PROFMON.<fieldname>

z_PROFMON_TYPE	CHAR	1	(IBM name: QWAC_PROFMON_TYPE) PROFILE MONITORING TYPE: 'E': EXCEPTION. 'W': WARNING.
z_PROFMON_PID	INT	4	(IBM name: QWAC_PROFMON_PID) PROFILE IDENTIFIER. THIS VALUE IS THE SAME AS THE PROFILEID COLUMN VALUE IN THE SYSADM.DSN_PROFILE_TABLE TABLE.

SMF101_Instrumentation.zLen696Data.z_PQSYNC.<fieldname>

z_PQS_WAIT	TIME	8	(IBM name: QWAC_PQS_WAIT) ACCUMULATED WAIT TIME FOR PARALLEL QUERIES TO SYNCHRONIZE PARENT AND CHILD TASKS.
z_PQS_COUNT	INT	4	

			(IBM name: QWAC PQS_COUNT) NUMBER OF TIMES THAT WAITS FOR PARALLEL QUERY PROCESSING TO SYNCHRONIZE PARENT AND CHILD TASKS WERE SUSPENDED.
--	--	--	--

SMF101_Instrumentation.zLen696Data.z_ACCEL.<fieldname>			
z_ACCEL_ELIG_ELA	TIME	8	(IBM name: QWAC ACCEL_ELIG_ELA) ACCUMULATED ELAPSED TIME THAT DB2 SPENT PROCESSING SQL THAT MIGHT BE ELIGIBLE FOR EXECUTION ON AN ACCELERATOR.
z_ACCEL_ELIG_CP	TIME	8	(IBM name: QWAC ACCEL_ELIG_CP) ACCUMULATED CPU TIME THAT DB2 SPENT PROCESSING SQL THAT MIGHT BE ELIGIBLE FOR EXECUTION ON AN ACCELERATOR.
z_ACCEL_ELIG_SE	TIME	8	(IBM name: QWAC ACCEL_ELIG_SE) ACCUMULATED CPU TIME DB2 SPENT PROCESSING SQL ON AN IBM SPECIALTY ENGINE, WHEN THAT SQL WAS ELIGIBLE FOR PROCESSING ON AN ACCELERATOR.

SMF101_Instrumentation.zLen696Data.z_WORKFILE_STATS.<fieldname>			
z_WORKFILE_MAX	INT	8	(IBM name: QWAC WORKFILE_MAX) MAXIMUM NUMBER OF WORK FILE BLOCKS THAT ARE BEING USED BY THIS AGENT AT ANY POINT IN TIME FOR TRADITIONAL WORKFILE USE, DECLARED TEMPORARY TABLES, AND INDEXES ON DECLARED TEMPORARY TABLES.
z_WORKFILE_CURR	INT	8	(IBM name: QWAC WORKFILE_CURR) CURRENT NUMBER OF WORK FILE BLOCKS THAT ARE BEING USED BY THIS AGENT FOR TRADITIONAL WORKFILE USE, DECLARED TEMPORARY TABLES, AND INDEXES ON DECLARED TEMPORARY TABLES.

Secondary segment: **SMF101_RDS**

Field Name	Type	Len	Description
SMF101_RDS.<fieldname>			
SMF101_RDS.zHEAD.<fieldname>			
zID	INT	2	(IBM name: QXID) CONTROL BLOCK ID.
zLEN	INT	2	(IBM name: QXLEN) CONTROL BLOCK LENGTH.
zEYE	CHAR	4	(IBM name: QXEYE) CONTROL BLOCK EYE CATCHER.

SMF101_RDS.zStats01.<fieldname>			
zSELECT	INT	8	(IBM name: QXSELECT) NUMBER OF EMBEDDED SQL SELECT STATEMENTS.
zINSRT	INT	8	(IBM name: QXINSRT) NUMBER OF SQL INSERT STATEMENTS.
zUPDTE	INT	8	(IBM name: QXUPDTE) NUMBER OF SQL UPDATE STATEMENTS.
zDELET	INT	8	(IBM name: QXDELET) NUMBER OF SQL DELETE STATEMENTS.
zDESC	INT	8	(IBM name: QXDESC) NUMBER OF SQL DESCRIBE STATEMENTS.
zPREP	INT	8	(IBM name: QXPREP) NUMBER OF SQL PREPARE STATEMENTS. THIS NUMBER AT THE SERVING LOCATION MIGHT NOT NECESSARILY MATCH THE USER APPLICATION BECAUSE OF DDF'S INTERNAL PROCESSING.

zOPEN	INT	8	(IBM name: QXOPEN) NUMBER OF SQL OPEN STATEMENTS.
zCLOSE	INT	8	(IBM name: QXCLOSE) NUMBER OF SQL CLOSE STATEMENTS. THIS NUMBER AT THE SERVING LOCATION MIGHT NOT NECESSARILY MATCH THE USER APPLICATION BECAUSE OF DDF'S INTERNAL PROCESSING.

SMF101_RDS.zStats02.<fieldname>

zCRTAB	INT	8	(IBM name: QXCRTAB) NUMBER OF SQL CREATE TABLE STATEMENTS.
zCRINX	INT	8	(IBM name: QXCRINX) NUMBER OF SQL CREATE INDEX STATEMENTS.
zCTABS	INT	8	(IBM name: QXCTABS) NUMBER OF SQL CREATE TABLESPACE STATEMENTS.
zCRSYN	INT	8	(IBM name: QXCRSYN) NUMBER OF SQL CREATE SYNONYM STATEMENTS.
zCRDAB	INT	8	(IBM name: QXCRDAB) NUMBER OF SQL CREATE DATABASE STATEMENTS.
zCRSTG	INT	8	(IBM name: QXCRSTG) NUMBER OF SQL CREATE STOGROUP STATEMENTS.
zDEFVU	INT	8	(IBM name: QXDEFVU) NUMBER OF SQL CREATE VIEW STATEMENTS.
zDRPIX	INT	8	(IBM name: QXDRPIX) NUMBER OF SQL DROP INDEX STATEMENTS.
zDRPTA	INT	8	(IBM name: QXDRPTA) NUMBER OF SQL DROP TABLE STATEMENTS.
zDRPTS	INT	8	(IBM name: QXDRPTS) NUMBER OF SQL DROP TABLESPACE STATEMENTS.
zDRPDB	INT	8	(IBM name: QXDRPDB) NUMBER OF SQL DROP DATABASE STATEMENTS.
zDRPSY	INT	8	(IBM name: QXDRPSY) NUMBER OF SQL DROP SYNONYM STATEMENTS.
zDRPST	INT	8	(IBM name: QXDRPST) NUMBER OF SQL DROP STOGROUP STATEMENTS.
zDRPVU	INT	8	(IBM name: QXDRPVU) NUMBER OF SQL DROP VIEW STATEMENTS.

SMF101_RDS.zStats03.<fieldname>

zALTST	INT	8	(IBM name: QXALTST) NUMBER OF SQL ALTER STOGROUP STATEMENTS.
zFETCH	INT	8	(IBM name: QXFETCH) NUMBER OF SQL FETCH STATEMENTS. THIS NUMBER AT THE SERVER LOCATION MIGHT NOT NECESSARILY MATCH THE USER APPLICATION BECAUSE OF DDF'S INTERNAL PROCESSING.
zALTTS	INT	8	(IBM name: QXALTTS) NUMBER OF SQL ALTER TABLESPACE STATEMENTS.
zALTTA	INT	8	(IBM name: QXALTTA) NUMBER OF SQL ALTER TABLE STATEMENTS.
zALTIX	INT	8	(IBM name: QXALTIX) NUMBER OF SQL ALTER INDEX STATEMENTS.
zCMTON	INT	8	(IBM name: QXCMTON) NUMBER OF SQL COMMENT ON STATEMENTS.
zLOCK	INT	8	(IBM name: QXLOCK) NUMBER OF SQL LOCK TABLE STATEMENTS.
zGRANT	INT	8	(IBM name: QXGRANT) NUMBER OF SQL GRANT STATEMENTS.

zREVOK	INT	8	(IBM name: QXREVOK) NUMBER OF SQL REVOKE STATEMENTS.
zINCRB	INT	8	(IBM name: QXINCRB) NUMBER OF INCREMENTAL REBINDS (EXCLUDING PREPARE). AN SQL STATEMENT WITH 'BIND VALIDATE(RUN)' THAT FAILS AT BIND TIME AND IS BOUND AGAIN AT EXECUTION TIME.
zLABON	INT	8	(IBM name: QXLABON) NUMBER OF SQL LABEL ON STATEMENTS.
zSETSQL	INT	8	(IBM name: QXSETSQL) NUMBER OF SQL SET CURRENT SQLID STATEMENTS.
zCRALS	INT	8	(IBM name: QXCRALS) NUMBER OF SQL CREATE ALIAS STATEMENTS.
zDRPAL	INT	8	(IBM name: QXDRPAL) NUMBER OF SQL DROP ALIAS STATEMENTS.

SMF101_RDS.zStats04.<fieldname>

zMIAP	INT	8	(IBM name: QXMIAP) NUMBER OF TIMES RID LIST (ALSO CALLED RID POOL) PROCESSING IS USED. DURING RID (RECORD ID) LIST PROCESSING, DB2 USES AN INDEX TO PRODUCE A LIST OF CANDIDATE RIDS, WHICH IS CALLED A RID LIST. THE RID LIST CAN BE SORTED AND INTERSECTED (ANDED) OR UNIONED (ORED) WITH OTHER RID LISTS BEFORE ACTUALLY ACCESSING THE DATA PAGES. RID LIST PROCESSING IS USED FOR A SINGLE INDEX (INDEX ACCESS WITH LIST PREFETCH) OR FOR MULTIPLE INDEXES (MULTIPLE INDEX ACCESS), WHICH IS WHEN THE ANDING AND ORING OF RID LISTS OCCURS. THIS FIELD IS INCREMENTED WHEN RID LIST PROCESSING IS USED FOR INDEX ACCESS WITH LIST PREFETCH AND/OR FOR MULTIPLE INDEX ACCESS. FOR MULTIPLE INDEX ACCESS, IF A FINAL RID LIST IS OBTAINED THROUGH ANDING AND ORING OF RID LISTS, THE COUNTER IS INCREMENTED ONCE, EVEN IF RIDS FROM ALL INDEXES IN THE MULTIPLE INDEX ACCESS WERE NOT USED.
zNSMIAP	INT	8	(IBM name: QXNSMIAP) NUMBER OF TIMES THAT A RID LIST WAS NOT USED FOR INDEX ACCESS WITH LIST PREFETCH OR MULTIPLE INDEX ACCESS BECAUSE NO STORAGE WAS AVAILABLE TO HOLD RID LIST, OR WORK FILE STORAGE OR RESOURCES WERE NOT AVAILABLE.
zMRMIAP	INT	8	(IBM name: QXMRMIAP) NUMBER OF TIMES THAT A RID LIST WAS NOT USED FOR INDEX ACCESS WITH LIST PREFETCH OR MULTIPLE INDEX ACCESS BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS, AND THE NUMBER OF RID BLOCKS EXCEEDED THE VALUE OF SUBSYSTEM PARAMETER MAXTEMPS_RID.

SMF101_RDS.zStats05.<fieldname>

zSETHV	INT	8	(IBM name: QXSETHV) TOTAL NUMBER OF SQL SET HOST VARIABLE STATEMENTS. THE SPECIAL REGISTER THAT WAS RETRIEVED IS NOT TRACKED. SEE CHAPTER 3 OF SQL REFERENCE FOR A LIST OF SPECIAL REGISTERS.
zALDAB	INT	8	(IBM name: QXALDAB) NUMBER OF SQL ALTER DATABASE STATEMENTS.
zDRPPKG	INT	8	(IBM name: QXDRPPKG) NUMBER OF SQL DROP PACKAGE STATEMENTS.
zDSCRTB	INT	8	(IBM name: QXDSCRTB) NUMBER OF SQL DESCRIBE TABLE STATEMENTS.

SMF101_RDS.zStats06.<fieldname>

zMAXDEG	INT	8	(IBM name: QXMAXDEG) MAXIMUM DEGREE OF PARALLEL PROCESSING EXECUTED AMONG ALL PARALLEL GROUPS. THIS FIELD INDICATES THE EXTENT TO TO WHICH QUERIES WERE PROCESSED IN
---------	-----	---	---

			PARALLEL.
zTOTGRP	INT	8	(IBM name: QXTOTGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT WERE EXECUTED.
zDEGCUR	INT	8	(IBM name: QXDEGCUR) TOTAL NUMBER OF PARALLEL GROUPS THAT FELL BACK TO SEQUENTIAL OPERATION BECAUSE OF A CURSOR THAT CAN BE USED FOR UPDATE OR DELETE.
zDEGESA	INT	8	(IBM name: QXDEGESA) TOTAL NUMBER OF PARALLEL GROUPS THAT FELL BACK TO SEQUENTIAL OPERATION BECAUSE OF A LACK OF ESA SORT SUPPORT.
zDEGBUF	INT	8	(IBM name: QXDEGBUF) TOTAL NUMBER OF PARALLEL GROUPS THAT HAVE A PLANNED DEGREE GREATER THAN ONE AT RUN TIME, BUT FALL BACK TO SEQUENTIAL MODE BECAUSE OF STORAGE SHORTAGE OR CONTENTION ON THE BUFFER POOL.
zREDGRP	INT	8	(IBM name: QXREDGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT HAVE A PLANNED DEGREE GREATER THAN ONE AT RUN TIME, BUT WERE PROCESSED TO A PARALLEL DEGREE LESS THAN PLANNED BECAUSE OF A STORAGE SHORTAGE OR CONTENTION ON THE BUFFER POOL. IF THIS FIELD IS NOT ZERO, INCREASE THE SIZE OF THE CURRENT BUFFER POOL BY USING THE ALTER BUFFERPOOL COMMAND, OR USE THE ALTER TABLESPACE STATEMENT TO ASSIGN TABLE SPACES ACCESSED BY THIS QUERY TO A DIFFERENT BUFFER POOL.
zNORGRP	INT	8	(IBM name: QXNORGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT EXECUTED IN THE PLANNED PARALLEL DEGREE. THIS FIELD IS INCREMENTED BY ONE FOR EACH PARALLEL GROUP THAT EXECUTED WITH THE PLANNED DEGREE OF PARALLEL PROCESSING (AS DETERMINED BY DB2).

SMF101_RDS.zStats07.<fieldname>

zCON1	INT	8	(IBM name: QXCON1) THE NUMBER OF CONNECT TYPE 1 STATEMENTS THAT WERE EXECUTED.
zCON2	INT	8	(IBM name: QXCON2) THE NUMBER OF CONNECT TYPE 2 STATEMENTS THAT WERE EXECUTED.
zREL	INT	8	(IBM name: QXREL) NUMBER OF RELEASE STATEMENTS THAT WERE EXECUTED.
zSETCON	INT	8	(IBM name: QXSETCON) NUMBER OF SET CONNECTION STATEMENTS THAT WERE EXECUTED.
zSETCDG	INT	8	(IBM name: QXSETCDG) NUMBER OF SET CURRENT DEGREE STATEMENTS THAT WERE EXECUTED.
zSETCRL	INT	8	(IBM name: QXSETCRL) NUMBER OF SET CURRENT RULES STATEMENTS THAT WERE EXECUTED.
zCALL	INT	8	(IBM name: QXCALL) NUMBER OF SQL CALL STATEMENTS THAT WERE EXECUTED.
zCALLAB	INT	8	(IBM name: QXCALLAB) NUMBER OF TIMES A STORED PROCEDURE TERMINATED ABNORMALLY.
zCALLTO	INT	8	(IBM name: QXCALLTO) NUMBER OF TIMES AN SQL CALL STATEMENT TIMED OUT WHILE WAITING TO BE SCHEDULED.
zCALLRJ	INT	8	(IBM name: QXCALLRJ) NUMBER OF TIMES AN SQL CALL STATEMENT WAS REJECTED BECAUSE THE PROCEDURE WAS IN THE 'STOP ACTION(REJECT)' STATE.

SMF101_RDS.zQXSTFlg.<fieldname>			
zRLFDPA	HEX	1	(IBM name: QXRLFDPA) IF THIS BYTE IS NOT 0, QUERY PARALLELISM WAS DISABLED BY THE RESOURCE LIMIT FACILITY FOR AT LEAST ONE DYNAMIC SELECT STATEMENT IN THIS THREAD. SEE IFCID 0022 RECORDS FOR DETAILED INFORMATION ABOUT THE STATEMENTS FOR WHICH QUERY PARALLELISM WAS DISABLED. THIS FLAG APPLIES ONLY TO IFCID 0003.

SMF101_RDS.zStats08.<fieldname>			
zCOORNO	INT	8	(IBM name: QXCOORNO) TOTAL NUMBER OF PARALLEL GROUPS EXECUTED ON A SINGLE DB2 DUE TO ONE OF THE FOLLOWING REASONS: 1) WHEN THE PLAN OR PACKAGE WAS BOUND, THE COORDINATOR SUBSYSTEM PARAMETER WAS SET TO YES, BUT THE PARAMETER IS SET TO NO WHEN THE PROGRAM RUNS. 2) THE PLAN OR PACKAGE WAS BOUND ON A DB2 WITH THE COORDINATOR SUBSYSTEM PARAMETER SET TO YES, BUT THE PROGRAM IS BEING RUN ON A DIFFERENT DB2 THAT HAS THE COORDINATOR VALUE SET TO NO.
zISORR	INT	8	(IBM name: QXISORR) TOTAL NUMBER OF PARALLEL GROUPS EXECUTED ON A SINGLE DB2 BECAUSE THE PLAN OR PACKAGE WAS BOUND WITH AN ISOLATION VALUE OF REPEATABLE READ OR READ STABILITY.
zCRGTT	INT	8	(IBM name: QXCRGTT) NUMBER OF SQL CREATE GLOBAL TEMPORARY TABLE STATEMENTS.
zSTREOP	INT	8	(IBM name: QXSTREOP) NUMBER OF TIMES THAT REOPTIMIZATION FOR HOST VARIABLES OCCURRED. THIS FIELD DOES NOT APPLY TO IFCID 0002.
zXCBPX	INT	8	(IBM name: QXXCBPX) THE TOTAL NUMBER OF PARALLEL GROUPS THAT DB2 INTENDED TO RUN ACROSS THE DATA SHARING GROUP. THIS COUNT IS ONLY INCREMENTED ON THE PARALLELISM COORDINATOR AT RUN TIME.

SMF101_RDS.zStats08.zStats08Len1496.<fieldname>			
zXCSKIP	INT	8	(IBM name: QXXCSKIP) THE NUMBER OF TIMES THAT THE PARALLELISM COORDINATOR HAD TO BYPASS A DB2 WHEN DISTRIBUTING TASKS BECAUSE THERE WAS NOT ENOUGH BUFFER POOL STORAGE ON ONE OR MORE DB2 MEMBERS. THIS FIELD IS INCREMENTED ONLY ON THE PARALLELISM COORDINATOR, AND IT IS INCREMENTED ONLY ONCE PER PARALLEL GROUP, EVEN THOUGH IT IS POSSIBLE THAT MORE THAN ONE DB2 HAS A BUFFER POOL SHORTAGE FOR THAT PARALLEL GROUP. THE PURPOSE OF THIS COUNT IS TO INDICATE WHEN THERE ARE NOT ENOUGH BUFFERS ON A MEMBER. THEREFORE, THIS COUNT IS INCREMENTED ONLY WHEN THE BUFFER POOL IS DEFINED TO ALLOW PARALLELISM. FOR EXAMPLE, IF VPXPSEQT=0 ON AN ASSISTANT, THEN DB2 DOES NOT SEND PARALLEL WORK THERE, BUT THIS COUNT IS NOT INCREMENTED.
zALOCL	INT	8	(IBM name: QXALOCL) THE NUMBER OF ASSOCIATE LOCATOR STATEMENTS EXECUTED.
zALOCC	INT	8	(IBM name: QXALOCC) THE NUMBER OF ALLOCATE CURSOR STATEMENTS EXECUTED.
zSTFND	INT	8	(IBM name: QXSTFND) NUMBER OF TIMES THAT A PREPARE REQUEST WAS SATISFIED BY MAKING A COPY OF THE STABILIZED STATEMENT IN SYSIBM.SYSDYNQRY.
zSTNFND	INT	8	(IBM name: QXSTNFND) THE NUMBER OF TIMES THAT DB2 SEARCHED THE PREPARED

			STATEMENT CACHE BUT COULD NOT FIND A SUITABLE PREPARED STATEMENT.
zSTIPRP	INT	8	(IBM name: QXSTIPRP) THE NUMBER OF TIMES THAT DB2 DID AN IMPLICIT PREPARE FOR A STATEMENT BOUND WITH KEEPYNAMIC(YES) BECAUSE THE PREPARED STATEMENT CACHE DID NOT CONTAIN A VALID COPY OF THE PREPARED STATEMENT.
zSTNPRP	INT	8	(IBM name: QXSTNPRP) THE NUMBER OF TIMES THAT DB2 DID NOT PREPARE A STATEMENT BOUND WITH KEEPYNAMIC(YES) BECAUSE THE PREPARED STATEMENT CACHE CONTAINED A VALID COPY OF THE PREPARED STATEMENT.
zSTDEXP	INT	8	(IBM name: QXSTDEXP) THE NUMBER OF TIMES THAT DB2 DISCARDED A PREPARED STATEMENT FROM THE PREPARED STATEMENT CACHE BECAUSE THE NUMBER OF PREPARED STATEMENTS IN THE CACHE EXCEEDED THE VALUE OF SUBSYSTEM PARAMETER MAXKEEPD.
zSTDINV	INT	8	(IBM name: QXSTDINV) THE NUMBER OF TIMES THAT DB2 DISCARDED A PREPARED STATEMENT FROM THE PREPARED STATEMENT CACHE BECAUSE A PROGRAM EXECUTED A DROP, ALTER, OR REVOKE STATEMENT OR RAN RUNSTATS AGAINST A DEPENDENT OBJECT.

SMF101_RDS.zLen1496Data.<fieldname>**SMF101_RDS.zLen1496Data.zStats09.<fieldname>**

zRNTAB	INT	8	(IBM name: QXRNTAB) NUMBER OF SQL RENAME TABLE STATEMENTS.
zCTRIG	INT	8	(IBM name: QXCTRIG) NUMBER OF SQL CREATE TRIGGER STATEMENTS.
zDRPTR	INT	8	(IBM name: QXDRPTR) NUMBER OF SQL DROP TRIGGER STATEMENTS.
zSETPTH	INT	8	(IBM name: QXSETPTH) NUMBER OF SQL SET CURRENT PATH STATEMENTS.
zDRPFN	INT	8	(IBM name: QXDRPFN) NUMBER OF DROP UDF STATEMENTS.
zDRPPR	INT	8	(IBM name: QXDRPPR) NUMBER OF DROP PROCEDURE STATEMENTS.
zCDIST	INT	8	(IBM name: QXCDIST) NUMBER OF CREATE DISTINCT TYPE STATEMENTS.
zDDIST	INT	8	(IBM name: QXDDIST) NUMBER OF DROP DISTINCT TYPE STATEMENTS.
zCRUDF	INT	8	(IBM name: QXCRUDF) NUMBER OF CREATE FUNCTION STATEMENTS.
zCRPRO	INT	8	(IBM name: QXCRPRO) NUMBER OF CREATE PROCEDURE STATEMENTS.
zHOLDL	INT	8	(IBM name: QXHOLDL) NUMBER OF HOLD LOCATOR STATEMENTS.
zFREEL	INT	8	(IBM name: QXFREEL) NUMBER OF FREE LOCATOR STATEMENTS.

SMF101_RDS.zLen1496Data.zStats10.<fieldname>

zREPOP1	INT	8	(IBM name: QXREPOP1) NOT USED. NOT USED.
zREPOP2	INT	8	(IBM name: QXREPOP2) NOT USED. NOT USED.
zCRATB	INT	8	(IBM name: QXCRATB) THE NUMBER OF CREATE AUXILIARY TABLE STATEMENTS. THE NUMBER OF CREATE AUXILIARY TABLE STATEMENTS.

zSTLOBV	INT	8	(IBM name: QXSTLOBV) MAXIMUM STORAGE USED FOR LOB VALUES, IN MEGABYTES. MAXIMUM STORAGE USED FOR LOB VALUES, IN KILOBYTES.
zALUDF	INT	8	(IBM name: QXALUDF) THE NUMBER OF ALTER FUNCTION STATEMENTS. THE NUMBER OF ALTER FUNCTION STATEMENTS.
zALPRO	INT	8	(IBM name: QXALPRO) THE NUMBER OF ALTER PROCEDURE STATEMENTS. THE NUMBER OF ALTER PROCEDURE STATEMENTS.
zROIMAT	INT	8	(IBM name: QXROIMAT) NUMBER OF TIMES THAT DB2 USED DIRECT ROW ACCESS TO LOCATE A RECORD. NUMBER OF TIMES THAT DB2 USED DIRECT ROW ACCESS TO LOCATE A RECORD.
zROIIDX	INT	8	(IBM name: QXROIIDX) NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING AN INDEX TO LOCATE A RECORD. NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING AN INDEX TO LOCATE A RECORD.
zROITS	INT	8	(IBM name: QXROITS) NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING A TABLE SPACE SCAN TO LOCATE A RECORD. NUMBER OF TIMES THAT DB2 ATTEMPTED TO USE DIRECT ROW ACCESS BUT REVERTED TO USING A TABLE SPACE SCAN TO LOCATE A RECORD.

SMF101_RDS.zLen1496Data.zStats11.<fieldname>

zSTTRG	INT	8	(IBM name: QXSTTRG) NUMBER OF TIMES A STATEMENT TRIGGER IS ACTIVATED. NUMBER OF TIMES A STATEMENT TRIGGER IS ACTIVATED.
zROWTRG	INT	8	(IBM name: QXROWTRG) NUMBER OF TIMES A ROW TRIGGER IS ACTIVATED. NUMBER OF TIMES A ROW TRIGGER IS ACTIVATED.
zTRGERR	INT	8	(IBM name: QXTRGERR) NUMBER OF TIMES AN SQL ERROR OCCURRED DURING EXECUTION OF A TRIGGERED ACTION. NUMBER OF TIMES AN SQL ERROR OCCURRED DURING EXECUTION OF A TRIGGERED ACTION.
zCASCDP	INT	8	(IBM name: QXCASCDP) MAXIMUM LEVEL OF NESTED SQL CASCADING DUE TO TRIGGERS, USER-DEFINED FUNCTIONS, AND STORED PROCEDURES. MAXIMUM LEVEL OF NESTED SQL CASCADING DUE TO TRIGGERS, USER-DEFINED FUNCTIONS, AND STORED PROCEDURES. MAXIMUM LEVEL OF NESTED SQL CASCADING DUE TO TRIGGERS, USER-DEFINED FUNCTIONS, AND STORED PROCEDURES.
zCAUD	INT	8	(IBM name: QXCAUD) THE NUMBER OF USER-DEFINED FUNCTIONS EXECUTED. THE NUMBER OF USER-DEFINED FUNCTIONS EXECUTED.
zCAUDAB	INT	8	(IBM name: QXCAUDAB) THE NUMBER OF TIMES A USER-DEFINED FUNCTION ABENDED. THE NUMBER OF TIMES A USER-DEFINED FUNCTION ABENDED.
zCAUDTO	INT	8	(IBM name: QXCAUDTO) THE NUMBER OF TIMES A USER-DEFINED FUNCTION TIMED OUT WAITING TO BE SCHEDULED. THE NUMBER OF TIMES A USER-DEFINED FUNCTION TIMED OUT WAITING TO BE SCHEDULED.
zCAUDRJ	INT	8	(IBM name: QXCAUDRJ) THE NUMBER OF TIMES A USER-DEFINED FUNCTION WAS REJECTED. THE NUMBER OF TIMES A USER-DEFINED FUNCTION WAS REJECTED.

SMF101_RDS.zLen1496Data.zStats12.<fieldname>

zSETCPR	INT	8	(IBM name: QXSETCPR) THE NUMBER OF SET CURRENT PRECISION STATEMENTS EXECUTED. THE NUMBER OF SET CURRENT PRECISION
---------	-----	---	---

			STATEMENTS EXECUTED.
zDCLGTT	INT	8	(IBM name: QXDCLGTT) THE NUMBER OF SQL DECLARE GLOBAL TEMPORARY TABLE STATEMENTS. THE NUMBER OF SQL DECLARE GLOBAL TEMPORARY TABLE STATEMENTS.
zDEGDTT	INT	8	(IBM name: QXDEGDTT) THE TOTAL NUMBER OF PARALLEL GROUPS THAT ARE PART OF A QUERY BLOCK THAT USES A USER-DEFINED FUNCTION AND IS EXECUTED ON A SINGLE DB2 DUE TO THE EXISTENCE OF A DECLARED TEMPORARY TABLE IN THE APPLICATION PROCESS. NEITHER THE QUERY BLOCK NOR THE PARALLEL GROUP REFERENCES A DECLARED TEMPORARY TABLE, AND THE PARALLEL GROUP MIGHT OR MIGHT NOT USE A USER-DEFINED FUNCTION. THE TOTAL NUMBER OF PARALLEL GROUPS THAT ARE PART OF A QUERY BLOCK THAT USES A USER-DEFINED FUNCTION AND IS EXECUTED ON A SINGLE DB2 DUE TO THE EXISTENCE OF A DECLARED TEMPORARY TABLE IN THE APPLICATION PROCESS. NEITHER THE QUERY BLOCK NOR THE PARALLEL GROUP REFERENCES A DECLARED TEMPORARY TABLE, AND THE PARALLEL GROUP MIGHT OR MIGHT NOT USE A USER-DEFINED FUNCTION.
zCRESEQ	INT	8	(IBM name: QXCRESEQ) NUMBER OF CREATE SEQUENCE STATEMENTS. NUMBER OF CREATE SEQUENCE STATEMENTS.
zALTSEQ	INT	8	(IBM name: QXALTSEQ) NUMBER OF ALTER SEQUENCE STATEMENTS. NUMBER OF ALTER SEQUENCE STATEMENTS.
zDROSEQ	INT	8	(IBM name: QXDROSEQ) NUMBER OF DROP SEQUENCE STATEMENTS. NUMBER OF DROP SEQUENCE STATEMENTS.
zPRRESI	INT	8	(IBM name: QXPRRESI) NUMBER OF PREPARE STATEMENTS FOR WHICH THE USE OF INDEXES WAS RESTRICTED BECAUSE THE INDEXES WERE IN A PENDING STATE. NUMBER OF PREPARE STATEMENTS FOR WHICH THE USE OF INDEXES WAS RESTRICTED BECAUSE THE INDEXES WERE IN A PENDING STATE.
zALTVW	INT	8	(IBM name: QXALTVW) NUMBER OF ALTER VIEW STATEMENTS.
zALTJR	INT	8	(IBM name: QXALTJR) NUMBER OF ALTER JAR STATEMENTS.
zMERGE	INT	8	(IBM name: QXMERGE) NUMBER OF MERGE STATEMENTS.
zTRTBL	INT	8	(IBM name: QXTRTBL) NUMBER OF TRUNCATE TABLE STATEMENTS.

SMF101_RDS.zLen1496Data.zStats13.<fieldname>

zCRROL	INT	8	(IBM name: QXCRROL) NUMBER OF CREATE ROLE STATEMENTS.
zDRPROL	INT	8	(IBM name: QXDRPROL) NUMBER OF DROP ROLE STATEMENTS.
zCRCTX	INT	8	(IBM name: QXCRCTX) NUMBER OF CREATE TRUSTED CONTEXT STATEMENTS.
zALTCTX	INT	8	(IBM name: QXALTCTX) NUMBER OF ALTER TRUSTED CONTEXT STATEMENTS.
zDRPCTX	INT	8	(IBM name: QXDRPCTX) NUMBER OF DROP TRUSTED CONTEXT STATEMENTS.
zRNIX	INT	8	(IBM name: QXRNIX) NUMBER OR RENAME INDEX STATEMENTS.
zSTXMLV	INT	8	(IBM name: QXSTXMLV) MAXIMUM AMOUNT OF STORAGE USED FOR XML VALUES.

SMF101_RDS.zLen1496Data.zStats14.<fieldname>

zRWSFETCHD	INT	8	(IBM name: QXRWSFETCHD) NUMBER OF ROWS FETCHED.
zRWSINSRTD	INT	8	(IBM name: QXRWSINSRTD) NUMBER OF ROWS INSERTED.
zRWSUPDTD	INT	8	(IBM name: QXRWSUPDTD) NUMBER OF ROWS UPDATED.
zRWSDELETD	INT	8	(IBM name: QXRWSDELETD) NUMBER OF ROWS DELETED.

SMF101_RDS.zLen1496Data.zStats15.<fieldname>

zSTCWLP	INT	8	(IBM name: QXSTCWLP) NUMBER OF TIMES THAT DB2 PARSED DYNAMIC STATEMENTS BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT FOR THE PREPARE OF THE STATEMENT FOR THE DYNAMIC STATEMENT CACHE.
zSTCWLR	INT	8	(IBM name: QXSTCWLR) NUMBER OF TIMES THAT DB2 REPLACED AT LEAST ONE LITERAL BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT FOR THE PREPARE OF THE STATEMENT. NUMBER OF TIMES THAT DB2 REPLACED AT LEAST ONE LITERAL BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT FOR THE PREPARE OF THE STATEMENT FOR THE DYNAMIC STATEMENT CACHE.
zSTCWLM	INT	8	(IBM name: QXSTCWLM) NUMBER OF TIMES THAT DB2 FOUND A MATCHING, REUSABLE COPY OF A DYNAMIC STATEMENT IN THE STATEMENT CACHE DURING THE PREPARE OF A STATEMENT THAT HAD LITERALS REPLACED BECAUSE CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT.
zSTCWLD	INT	8	(IBM name: QXSTCWLD) NUMBER OF TIMES THAT CONCENTRATE STATEMENTS WITH LITERALS BEHAVIOR WAS IN EFFECT, AND DB2 CREATED A DUPLICATE STATEMENT INSTANCE IN THE STATEMENT CACHE FOR A DYNAMIC STATEMENT THAT HAD LITERALS REPLACED. THE DUPLICATE STATEMENT WAS NEEDED BECAUSE A CACHE MATCH FAILED ONLY BECAUSE LITERAL REUSABILITY CRITERIA WERE NOT MET.

SMF101_RDS.zLen1496Data.zStats16.<fieldname>

zPFSLNUM	INT	8	(IBM name: QXPFSLNUM) (S)
zPFSENUM	INT	8	(IBM name: QXPFSENUM) (S)
zPFSENUMG	INT	8	(IBM name: QXPFSENUMG) (S)
zPFMAXU	INT	8	(IBM name: QXPFMAXU) (S)
zPFMAXUG	INT	8	(IBM name: QXPFMAXUG) (S)

SMF101_RDS.zLen1496Data.zStats17.<fieldname>

zWFRIDS	INT	8	(IBM name: QXWFRIDS) NUMBER OF TIMES THAT AN ATTEMPT WAS MADE TO OVERFLOW A RID LIST TO A WORK FILE BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS. IF THE ATTEMPT TO OVERFLOW RIDS TO A WORK FILE FAILS, EITHER DUE TO THE MAXTEMPS_RID OR MAXTEMPS SUBSYSTEM PARAMETER SETTINGS, OR DUE TO UNAVAILABLE WORK FILE RESOURCES, THE QXNSMIAP COUNTER IS INCREMENTED, INDICATING THAT THE RID LIST WAS NOT USED BECAUSE NO WORK FILE STORAGE WAS AVAILABLE.
zWFRIDT	INT	8	(IBM name: QXWFRIDT) NUMBER OF TIMES THAT AN ATTEMPT WAS MADE TO OVERFLOW A RID LIST TO A WORK FILE BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.

			IF THE ATTEMPT TO OVERFLOW RIDS TO A WORK FILE FAILS, EITHER DUE TO THE MAXTEMPS RID OR MAXTEMPS SUBSYSTEM PARAMETER SETTINGS, OR DUE TO UNAVAILABLE WORK FILE RESOURCES, THE QXNSMIAP COUNTER IS INCREMENTED, INDICATING THAT THE RID LIST WAS NOT USED BECAUSE NO WORK FILE STORAGE WAS AVAILABLE.
zHJINCS	INT	8	(IBM name: QXHJINCS) NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS.
zHJINCT	INT	8	(IBM name: QXHJINCT) NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.
zRSMIAP	INT	8	(IBM name: QXRSMIAP) NUMBER OF TIMES THAT RID LIST RETRIEVAL FOR MULTIPLE INDEX ACCESS WAS NOT DONE BECAUSE DB2 COULD DETERMINE THE OUTCOME OF INDEX ANDING OR ORING.

SMF101_RDS.zLen1496Data.zStats18.<fieldname>

zCREMP	INT	8	(IBM name: QXCREMP) NUMBER OF CREATE MASK OR CREATE PERMISSION STATEMENTS.
zDRPMP	INT	8	(IBM name: QXDRPMP) NUMBER OF DROP MASK OR DROP PERMISSION STATEMENTS.
zALTMP	INT	8	(IBM name: QXALTMP) NUMBER OF ALTER MASK OR ALTER PERMISSION STATEMENTS.

SMF101_RDS.zLen1496Data.zStats19.<fieldname>

zCRTSV	INT	8	(IBM name: QXCRTSV) NUMBER OF CREATE VARIABLE STATEMENTS.
zDRPSV	INT	8	(IBM name: QXDRPSV) NUMBER OF DROP VARIABLE STATEMENTS.
zDEGAT	INT	8	(IBM name: QXDEGAT) TOTAL NUMBER OF PARALLEL GROUPS THAT CHANGED TO SEQUENTIAL SEQUENTIAL MODE BECAUSE THEY WERE EXECUTING UNDER AND AUTONOMOUS PROCEDURE.
zSTARRAY_EXPANSIONS	INT	8	(IBM name: QXSTARRAY_EXPANSIONS) NUMBER OF TIMES THAT AN ARRAY VARIABLE WAS EXPANDED TO BE LARGER THAN 32KB.

SMF101_RDS.zLen1496Data.zStats20.<fieldname>

zSTOREDGRP	INT	8	(IBM name: QXSTOREDGRP) TOTAL NUMBER OF PARALLEL GROUPS FOR WHICH THE DEGREE OF PARALLELISM WAS REDUCED AS A RESULT OF PARALLEL SYSTEM NEGOTIATION BECAUSE SYSTEM RESOURCES WERE CONSTRAINED.
zSTODGNGRP	INT	8	(IBM name: QXSTODGNGRP) TOTAL NUMBER OF PARALLEL GROUPS THAT CHANGED TO SEQUENTIAL MODE AS A RESULT OF PARALLEL SYSTEM NEGOTIATION BECAUSE SYSTEM RESOURCES WERE CONSTRAINED.
zMAXESTIDG	INT	8	(IBM name: QXMAXESTIDG) THE ESTIMATED MAXIMUM DEGREE OF PARALLELISM FOR A PARALLEL GROUP. THIS VALUE IS ESTIMATED AT BIND TIME, BASED ON THE COST FORMULA. IF A PARALLEL GROUP CONTAINS A HOST VARIABLE OR PARAMETER MARKER, THE ESTIMATE IS BASED ON ASSUMED VALUES.
zMAXPLANDG	INT	8	(IBM name: QXMAXPLANDG) THE PLANNED MAXIMUM DEGREE OF PARALLELISM FOR A PARALLEL GROUP. THIS VALUE IS THE OPTIMAL DEGREE OF PARALLELISM THAT CAN BE OBTAINED AT EXECUTION TIME, AFTER HOST VARIABLES OR PARAMETER MARKERS ARE RESOLVED, AND BEFORE BUFFER POOL NEGOTIATION AND

			SYSTEM NEGOTIATION ARE PERFORMED.
zPAROPT	INT	8	(IBM name: QXPAROPT) TOTAL NUMBER OF PARALLEL GROUPS THAT CHANGED TO SEQUENTIAL MODE DURING OPTIMIZATION, FOR REASONS SUCH AS: - THE RESULT OF EVALUATION OF A PARALLEL GROUP THAT ZERO ROWS ARE RETURNED. - A PARALLEL GROUP IS PARTITIONED ON A SINGLE RECORD.

SMF101_RDS.zLen1496Data.zStats21.<fieldname>

zN1093A	INT	8	(IBM name: QXN1093A) (S)
zN1093B	INT	8	(IBM name: QXN1093B) (S)

SMF101_RDS.zLen1496Data.zStats22.<fieldname>

zSISTOR	INT	8	(IBM name: QXSISTOR) THE NUMBER OF TIMES THAT A SPARSE INDEX WAS DISABLED BECAUSE OF INSUFFICIENT STORAGE.
zSIWF	INT	8	(IBM name: QXSIWF) THE NUMBER OF TIMES THAT A SPARSE INDEX BUILT A PHYSICAL WORK FILE FOR PROBING.

SMF101_RDS.zLen1496Data.zStats23.<fieldname>

zREFTBL	INT	8	(IBM name: QXREFTBL) NUMBER OF REFRESH TABLE STATEMENTS.
zTRNOWN	INT	8	(IBM name: QXTRNOWN) NUMBER OF TRANSFER OWNERSHIP STATEMENTS.

SMF101_RDS.zLen1496Data.zStats24.<fieldname>

zRSDMAD	INT	8	(IBM name: QXRSDMAD) NUMBER OF TIMES THAT DATA MANAGER WAS NOT CALLED FOR RID LIST RETRIEVAL FOR MULTIPLE INDEX ACCESS OR LIST PREFETCH. THE CALL WAS NOT NECESSARY BECAUSE RUNTIME ADAPTIVE INDEX PROCESSING COULD PREDETERMINE THE OUTCOME.
zR1BOAD	INT	8	(IBM name: QXR1BOAD) NUMBER OF TIMES THAT ONE BLOCK WAS PREFETCHED, BUT NO MORE BLOCKS WERE FETCHED.

SMF101_RDS.zLen1496Data.zStats25.<fieldname>

zSTSFND	INT	8	(IBM name: QXSTSFND) THE NUMBER OF TIMES THAT DB2 SATISFIED A PREPARE REQUEST BY MAKING A COPY OF A STATEMENT IN THE PREPARED STATEMENT CACHE.
---------	-----	---	---

Secondary segment: SMF101_Buffer_Manager

Field Name	Type	Len	Description
SMF101_Buffer_Manager.<fieldname>			
zPID	INT	4	(IBM name: QBACPID) THIS FIELD IDENTIFIES WHICH BUFFER POOL THE INFORMATION IN THIS SECTION REFERS TO: '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
zGET	INT	4	(IBM name: QBACGET) NUMBER OF GETPAGE REQUESTS. THIS FIELD COUNTS SUCCESSFUL REQUESTS FOR PAGES FOR QUERIES THAT ARE

			PROCESSED IN PARALLEL AND BOTH SUCCESSFUL AND UNSUCCESSFUL REQUESTS FOR PAGES FOR QUERIES THAT ARE NOT PROCESSED IN PARALLEL.
zSWS	INT	4	(IBM name: QBACSW) NUMBER OF TIMES A BUFFER UPDATE OCCURS FOR THE AGENT. THIS COUNTER IS INCREMENTED EVERY TIME A PAGE IS UPDATED AND IS READY TO BE WRITTEN TO DASD. IF THE SAME PAGE IS UPDATED TWICE, FOR EXAMPLE, THE COUNT IS INCREMENTED BY 2. THIS COUNT IS KEPT FOR ALL TYPES OF PAGES INCLUDING DATA PAGES, WORK FILE PAGES, AND SO ON.
zRIO	INT	4	(IBM name: QBACRIO) NUMBER OF SYNCHRONOUS READ I/OS. THIS COUNTER IS INCREMENTED FOR EACH MEDIA MANAGER SYNCHRONOUS PHYSICAL READ REQUEST. ASYNCHRONOUS I/O REQUESTS ARE NOT COUNTED.
zSEQ	INT	4	(IBM name: QBACSEQ) NUMBER OF SEQUENTIAL PREFETCH REQUESTS. THIS COUNTER IS INCREMENTED FOR EACH PREFETCH REQUEST. EACH REQUEST MIGHT RESULT IN AN I/O READ. IF IT RESULTS IN AN I/O READ, UP TO 32 PAGES CAN BE READ FOR SQL, AND UP TO 64 PAGES FOR UTILITIES. A REQUEST DOES NOT RESULT IN AN I/O IF ALL PAGES TO BE PREFETCHED ARE ALREADY IN THE BUFFER POOL. SEQUENTIAL DETECTION IS NOT INCLUDED IN QBACSEQ AND IS SEPARATELY RECORDED IN QBACDPF.
zIMW	INT	4	(IBM name: QBACIMW) NUMBER OF IMMEDIATE (SYNCHRONOUS) WRITE I/OS. SEE FIELD QBSTIMW FOR A DESCRIPTION OF THE REASONS FOR AN IMMEDIATE WRITE.
zLPF	INT	4	(IBM name: QBACLPF) NUMBER OF LIST PREFETCH REQUESTS. LIST PREFETCH ALLOWS DB2 TO ACCESS DATA PAGES EFFICIENTLY EVEN WHEN THE NEEDED DATA PAGES ARE NOT CONTIGUOUS. LIST PREFETCH CAN BE USED WITH SINGLE INDEX ACCESS AND IS ALWAYS USED WITH MULTIPLE INDEX ACCESS. IT IS ALWAYS USED TO ACCESS DATA FROM THE INNER TABLE DURING A HYBRID JOIN. DATA PAGES ARE READ IN QUANTITIES EQUAL TO THE SEQUENTIAL PREFETCH QUANTITY (SEE QBACSEQ) WHICH DEPENDS ON BUFFER POOL SIZE AND IS USUALLY 32 PAGES. DURING BIND TIME DB2 DOES NOT USE LIST PREFETCH IF THE ESTIMATED NUMBER OF RIDS TO BE PROCESSED WOULD USE MORE THAN 50% OF THE RID POOL. DURING EXECUTION TIME, LIST PREFETCH PROCESSING TERMINATES IF DB2 DETECTS THAT MORE THAN 25% OF THE ROWS IN THE TABLE NEED TO BE ACCESSED. IF LIST PREFETCH IS TERMINATED, IFCID 0125 INDICATES THIS.
zDPF	INT	4	(IBM name: QBACDPF) NUMBER OF (DYNAMIC) PREFETCH REQUESTS. THIS IS THE PROCESS THAT IS TRIGGERED BECAUSE OF SEQUENTIAL DETECTION. THIS FIELD ALSO COUNTS PREFETCHES FOR SEGMENTED TABLE SPACES. FOR INFORMATION ABOUT WHEN SEQUENTIAL DETECTION IS USED, SEE THE 'PERFORMANCE, MONITORING, AND TUNING' SECTION OF ADMINISTRATION GUIDE.
zNGT	INT	4	(IBM name: QBACNGT) NUMBER OF TIMES A PAGE REQUESTED FOR A QUERY PROCESSED IN PARALLEL WAS UNAVAILABLE BECAUSE AN I/O WAS IN PROGRESS OR THE PAGE WAS NOT FOUND IN THE BUFFER POOL. THE AGENT DOES NOT WAIT. INSTEAD, CONTROL RETURNS TO THE AGENT. IF THE VALUE IS CLOSE TO ZERO, MOST PAGES ARE ALREADY PREFETCHED INTO THE BUFFER POOL AND WAIT TIME FOR SYNCHRONOUS I/O IS SMALL. THIS COUNTER CAN BE HIGH IF, FOR EXAMPLE, THERE IS A CLUSTER INDEX SCAN AND THE DATA IS NOT TRULY CLUSTERED BY THE INDEX KEY, SO THE DATA PAGES ARE NOT ACCESSED IN THEIR TRUE ORDER. HENCE, THE CLUSTER RATIO IS NOT VALID. USE THE RUNSTATS UTILITY TO UPDATE IT. THIS NUMBER IS ALSO USED TO DETERMINE HOW MANY SEQUENTIAL PREFETCHES OF ONE PAGE WERE SCHEDULED.
zSIO	INT	4	(IBM name: QBACSIO) NUMBER OF ASYNCHRONOUS PAGES READ BY PREFETCH THAT THE AGENT TRIGGERED.

Secondary segment: **SMF101_Lock**

Field Name	Type	Len	Description
<i>SMF101_Lock.<fieldname></i>			
zDEA	INT	4	(IBM name: QTXADEA) DEADLOCK COUNT. THIS FIELD COUNTS THE NUMBER OF TIMES DEADLOCKS WERE DETECTED. THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zSLOC	INT	4	(IBM name: QTXASLOC) NUMBER OF SUSPENDS BECAUSE OF LOCK CONFLICT. THE NUMBER OF TIMES A LOCK COULD NOT BE OBTAINED AND THE UNIT OF WORK WAS SUSPENDED. SUSPENSIONS ARE HIGHLY DEPENDENT ON THE APPLICATION AND TABLE SPACE LOCKING PROTOCOLS. THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zTIM	INT	4	(IBM name: QTXATIM) LOCK TIMEOUT COUNT. NUMBER OF TIMES A UNIT OF WORK WAS SUSPENDED FOR A TIME THAT EXCEEDED THE TIME OUT VALUE. (SEE FIELD QWPZTOUT IN IFCID 0106.) THIS NUMBER SHOULD BE LOW, IDEALLY ZERO.
zLES	INT	4	(IBM name: QTXALES) COUNT OF LOCK ESCALATIONS TO SHARED MODE. THIS FIELD REPRESENTS THE NUMBER OF TIMES THE VALUE SPECIFIED IN THE 'LOCKS PER TABLE(SPACE)' INSTALLATION PARAMETER ON IRLM PANEL 2 (DSNTIPJ) OR IN THE LOCKMAX CLAUSE OF THE CREATE TABLESPACE STATEMENT WAS EXCEEDED AND THE TABLE SPACE LOCK WAS PROMOTED FROM A PAGE OR ROW LOCK (IS) TO A TABLE OR TABLE SPACE LOCK FOR THIS THREAD. ESCALATION CAN CAUSE UNPREDICTABLE RESPONSE TIMES. LOCK ESCALATION SHOULD ONLY HAPPEN WHEN AN APPLICATION PROCESS UPDATES OR REFERENCES (IF REPEATABLE READ IS USED) MORE PAGES OR ROWS THAN IT NORMALLY DOES.
zLEX	INT	4	(IBM name: QTXALEX) COUNT OF LOCK ESCALATIONS TO EXCLUSIVE MODE. THIS FIELD REPRESENTS THE NUMBER OF TIMES THE VALUE SPECIFIED IN THE 'LOCKS PER TABLE(SPACE)' INSTALLATION PARAMETER ON IRLM PANEL 2 (DSNTIPJ) OR IN THE LOCKMAX CLAUSE OF THE CREATE TABLESPACE STATEMENT WAS EXCEEDED AND THE TABLE SPACE LOCK WAS PROMOTED FROM A PAGE OR ROW LOCK (IX) TO A TABLE OR TABLE SPACE LOCK (X) FOR THIS THREAD. ESCALATION CAN CAUSE UNPREDICTABLE RESPONSE TIMES. LOCK ESCALATION SHOULD ONLY HAPPEN ON AN EXCEPTION BASIS: FOR EXAMPLE, WHEN AN APPLICATION PROCESS UPDATES OR REFERENCES (IF REPEATABLE READ IS USED) MORE PAGES OR ROWS THAN IT NORMALLY DOES.
zNPL	INT	4	(IBM name: QTXANPL) MAXIMUM NUMBER OF PAGE OR ROW LOCKS HELD. THIS IS A COUNT OF THE MAXIMUM NUMBER OF PAGE OR ROW LOCKS CONCURRENTLY HELD BY A SINGLE APPLICATION DURING ITS EXECUTION. THIS COUNT CANNOT EXCEED THE 'LOCKS PER USER' INSTALLATION PARAMETER VALUE (PANEL DSNTIPJ). THIS FIELD IS NOT APPLICABLE FOR STATISTICS IFCID 0002: IT IS APPLICABLE FOR ACCOUNTING IFCID 0003 AND MONITOR IFCID 0148.
zFLG1	HEX	1	(IBM name: QTXAFLG1) FIRST FLAG BYTE: X'80'='Infinite Limit' X'40'='No Run or Zero Limit'. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zRLID	CHAR	2	(IBM name: QTXARLID) RESOURCE LIMIT SPECIFICATION TABLE ID. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zPREC	INT	4	(IBM name: QTXAPREC) HOW LIMIT WAS DETERMINED: 1 = LIMIT FROM SPECIFIC AUTHID AND PLAN 2 = LIMIT FROM SPECIFIC AUTHID RUNNING ANY PLAN 3 = LIMIT FROM SPECIFIC PLAN NAME FOR ANY AUTHID 4 = LIMIT FROM BLANK AUTHID AND PLAN 5 = LIMIT FROM INSTALL -- NO ENTRY 6 = LIMIT FROM INSTALL -- I/O ERROR 7 = NO LIMIT -- USER HAS SYSADM/SYSOPR AUTHORITY 8 = LIMIT FROM SPECIFIC AUTHID, COLLECTION, AND PACKAGE 9 = LIMIT FROM SPECIFIC AUTHID RUNNING ANY PACKAGE 10 = LIMIT FROM SPECIFIC AUTHID

			RUNNING ANY COLLECTION 11 = LIMIT FROM AUTHID RUNNING ANY PACKAGE AND COLLECTION 12 = LIMIT FROM SPECIFIC PACKAGE AND COLLECTION FOR ANY AUTHID 13 = LIMIT FROM ANY AUTHID AND ANY PACKAGE 14 = LIMIT FROM ANY AUTHID AND ANY COLLECTION 15 = LIMIT FROM ANY AUTHID, PACKAGE, AND COLLECTION (CONTROLLED BY PACKAGE) THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zPRECText	INT (ENUM)	4	
zSLMT	INT	4	(IBM name: QTXASLMT) LIMIT IN SERVICE UNITS AS DEFINED IN THE ASUTIME COLUMN IN THE RESOURCE LIMIT SPECIFICATION TABLE. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zCLMT	TIME	4	(IBM name: QTXACLMT) INTERNAL CPU LIMIT (IN 16-MICROSECOND UNITS). THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zCHUS	TIME	4	(IBM name: QTXACHUS) HIGHEST CPU (IN 16-MICROSECOND UNITS) USED IN A SUCCESSFUL DB2 INTERNAL CALL, RATHER THAN IN A SINGLE SQL STATEMENT. BECAUSE THERE ARE USUALLY MANY DB2 CALLS FOR EACH SQL STATEMENT, THIS VALUE COULD BE QUITE SMALL COMPARED TO THE TOTAL CPU TIME USED IN THE SQL STATEMENT. ALSO, ONLY TIMES FOR SUCCESSFUL DB2 CALLS ARE USED TO DETERMINE THE VALUE OF THIS FIELD. THIS FIELD IS FOR ACCOUNTING IFCID 0003 AND DOES NOT APPLY TO IFCID 0002.
zSLAT	INT	4	(IBM name: QTXASLAT) SUSPEND COUNT BECAUSE OF IRLM LATCH CONFLICT.
zSOTH	INT	4	(IBM name: QTXASOTH) SUSPEND COUNT DUE TO OTHER REASONS. OTHER REASONS INCLUDE: - IRLM SYNC REQUESTS - UP TO ONE REQUEST PER AGENT CANCELLED. - IRLM SYNCHRONOUS NOTIFIES. EXAMPLES INCLUDE: - REQUESTS TO INVALID DBDS IN OTHER MEMBERS - REQUESTS FOR A DATA SET EXTEND - REQUESTS FOR DROP OR REVOKE TO INVALID EDM AUTHORIZATION CACHES IN OTHER MEMBERS - GBP RECOVERY.
zLOCK	INT	4	(IBM name: QTXALOCK) LOCK REQUEST COUNT.
zUNLK	INT	4	(IBM name: QTXAUNLK) UNLOCK REQUEST COUNT.
zQRY	INT	4	(IBM name: QTXAQRY) QUERY REQUEST COUNT.
zCHG	INT	4	(IBM name: QTXACHG) CHANGE REQUEST COUNT.
zIRLM	INT	4	(IBM name: QTXAIRLM) OTHER IRLM REQUEST COUNT.
zCLNO	INT	4	(IBM name: QTXACLNO) NUMBER OF CLAIM REQUESTS.
zCLUN	INT	4	(IBM name: QTXACLUN) NUMBER OF UNSUCCESSFUL CLAIM REQUESTS.
zDRNO	INT	4	(IBM name: QTXADRNO) NUMBER OF DRAIN REQUESTS.
zDRUN	INT	4	(IBM name: QTXADRUN) NUMBER OF UNSUCCESSFUL DRAIN REQUESTS.

Secondary segment: **SMF101_DDF**

Field Name	Type	Len	Description
SMF101_DDF.<fieldname>			
zLOCN_Off	INT	2	(IBM name: QLACLOCN_Off) IF QLACLOCN IS TRUNCATED, THIS IS THE OFFSET FROM THE

BEGINNING OF QLAC TO QLACLOCN_LEN.			
SMF101_DDF.zFLGS.<fieldname>			
zRoll	BIT	1	ON if this is a rollup QLAC. See QLACRLNU to ..determine the number of threads to roll data ..into this QLAC.
zRollSum	BIT	1	ON if this is a summary rollup QLAC. The data ..in this QLAC is an accumulation of data from ..1 or more unspecified remote locations. Not ..all fields contain valid data. See comments ..above regarding valid fields.
SMF101_DDF.<fieldname>			
zRLNU	INT	4	(IBM name: QLACRLNU) NUMBER OF THREADS FOR WHICH DATA IS ROLLED UP IN THIS QLAC DATA SECTION. THIS VALUE IS ONE FOR NON-ROLLUP QLAC SECTIONS. THIS VALUE IS ONE OR GREATER FOR ROLLUP QLAC SECTIONS.
zLOCN	CHAR	16	(IBM name: QLACLOCN) %U LOCATION NAME OF THE REMOTE LOCATION WITH WHICH THIS %U INFORMATION IS ASSOCIATED. %U IF QWHSLOCN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPRID	CHAR	8	(IBM name: QLACPRID) PRODUCT ID OF THE REMOTE LOCATION.
zCNVS	INT	8	(IBM name: QLACCNVS) NUMBER OF CONVERSATIONS THAT WERE INITIATED FROM THIS SITE TO THE REMOTE SITE. THIS VALUE IS MEANINGFUL ONLY AT THE REQUESTER.
zCNVT	INT	8	(IBM name: QLACCNVT) NUMBER OF CONVERSATIONS THAT WERE TERMINATED. THIS VALUE IS MEANINGFUL ONLY AT THE REQUESTER.
zCNVR	INT	8	(IBM name: QLACCNVR) NUMBER OF CONVERSATIONS THAT WERE INITIATED FROM THE REMOTE SITE TO THIS SITE. THIS VALUE IS MEANINGFUL ONLY AT SERVER.
zMSGS	INT	8	(IBM name: QLACMSGS) NUMBER OF MESSAGES SENT TO THE REMOTE SITE.
zMSGR	INT	8	(IBM name: QLACMSGR) NUMBER OF MESSAGES RECEIVED FROM THE REMOTE SITE.
zSQLS	INT	8	(IBM name: QLACSQLS) NUMBER OF SQL STATEMENTS SENT TO THE REMOTE SITE.
zSQLR	INT	8	(IBM name: QLACSQLR) NUMBER OF SQL STATEMENTS RECEIVED FROM THE REMOTE SITE.
zBYTS	INT	8	(IBM name: QLACBYTS) NUMBER OF BYTES OF DATA SENT TO THE REMOTE SITE.
zBYTR	INT	8	(IBM name: QLACBYTR) NUMBER OF BYTES OF DATA RECEIVED FROM THE REMOTE SITE.
zROWS	INT	8	(IBM name: QLACROWS) NUMBER OF ROWS OF DATA SENT TO THE REMOTE LOCATION. THIS VALUE INCLUDES THE SQLDA.
zROWR	INT	8	(IBM name: QLACROWR) NUMBER OF ROWS OF DATA RETRIEVED FROM THE REMOTE LOCATION. THIS VALUE DOES NOT INCLUDE THE SQLDA OR SQLCA.
zBTBF	INT	8	(IBM name: QLACBTBF) NUMBER OF BLOCKS TRANSMITTED USING BLOCK FETCH. THIS VALUE IS MEANINGFUL ONLY AT THE SERVER.
zBRBF	INT	8	(IBM name: QLACBRBF) NUMBER OF BLOCKS RECEIVED USING BLOCK FETCH. THIS VALUE IS MEANINGFUL ONLY AT THE REQUESTER.
zCOMS	INT	8	(IBM name: QLACCOMS) NUMBER OF COMMIT REQUESTS SENT TO THE SERVER LOCATION (SINGLE-PHASE COMMIT PROTOCOL) AND COMMITTED REQUESTS

			SENT TO THE PARTICIPANT (TWO-PHASE COMMIT PROTOCOL).
zCOMR	INT	8	(IBM name: QLACCOMR) NUMBER OF COMMIT REQUESTS RECEIVED FROM THE REQUESTER (SINGLE-PHASE COMMIT PROTOCOL) AND COMMITTED REQUESTS RECEIVED FROM THE COORDINATOR (TWO-PHASE COMMIT PROTOCOL).
zABRS	INT	8	(IBM name: QLACABRS) NUMBER OF ABORT REQUESTS SENT TO THE SERVER (SINGLE-PHASE COMMIT PROTOCOL) AND BACKOUT REQUESTS SENT TO THE PARTICIPANT (TWO-PHASE COMMIT PROTOCOL).
zABRR	INT	8	(IBM name: QLACABRR) NUMBER OF ABORT REQUESTS RECEIVED FROM THE REQUESTER (SINGLE-PHASE COMMIT PROTOCOL) AND BACKOUT REQUESTS RECEIVED FROM THE COORDINATOR (TWO-PHASE COMMIT PROTOCOL).
zINDT	INT	8	(IBM name: QLACINDT) NUMBER OF THREADS THAT BECAME INDOUBT WITH THE REMOTE LOCATION AS THE COORDINATOR.
zCNVQ	INT	8	(IBM name: QLACCNVQ) NUMBER OF CONVERSATION REQUESTS QUEUED BY DDF THAT ARE WAITING FOR ALLOCATION.
zCPUL	HEX	8	(IBM name: QLACCPUL) ELAPSED TIME AT THE LOCAL SITE SPENT PROCESSING FOR THE REMOTE SITE. THIS VALUE IS THE FLOATING POINT REPRESENTATION OF AN STCK VALUE.
zMDWT	HEX	8	(IBM name: QLACMDWT) TOTAL ELAPSED TIME SPENT WAITING FOR AN AVAILABLE DATABASE ACCESS AGENT. THIS VALUE IS MEANINGFUL ONLY AT THE SERVER. THIS VALUE IS THE FLOATING POINT REPRESENTATION OF AN STCK VALUE. THIS DELAY SIGNIFICANTLY INCREASES AS DB2 REACHES OR EXCEEDS ITS MAXIMUM NUMBER OF DATABASE ACCESS AGENTS, WHICH IS SET BY THE MAXDBAT SUBSYSTEM PARAMETER. IMPORTANT: THE QLACMDWT VALUE MIGHT BE NON-ZERO WHEN THE MAXDBAT THRESHOLD HAS NOT BEEN REACHED. CHECK THE QDSTQDBT FIELD VALUE TO DETERMINE WHETHER THE MAXDBAT THRESHOLD HAS BEEN REACHED. IF IT HAS, YOU MIGHT NEED TO ADJUST THE MAXDBAT VALUE. MINOR DELAYS CAN OCCUR WHEN THE MAXDBAT VALUE HAS NOT BEEN REACHED, BUT DBATS WERE DYNAMICALLY CREATED TO SERVICE THE WORK. IN THIS CASE, YOU MIGHT NEED TO ADJUST THE VALUE OF THE POOLINAC (POOL THREAD TIMEOUT) SUBSYSTEM PARAMETER TO ALLOW DBATS TO REMAIN AVAILABLE LONGER. LONGER AVAILABILITY OF DBATS CAN REDUCE THE MINOR TIME COST OF DYNAMIC CREATION OF DBATS.
zPRLV	CHAR	16	(IBM name: QLACPRLV) Product Level, if known.

Secondary segment: **SMF101_DDF_Location**

Field Name	Type	Len	Description
<i>SMF101_DDF_Location.<fieldname></i>			
zLOCN_Len	INT	2	(IBM name: QLACLOCN_Len) LOCATION NAME LENGTH
zLOCN_Var	XVCHAR	0 128	(IBM name: QLACLOCN_Var) LOCATION NAME OF THE 'REMOTE' SITE WITH WHICH THE INFORMATION IS ASSOCIATED. Truncated if QLSTLOCN_Off=0

Secondary segment: **SMF101_Account_Code**

Field Name	Type	Len	Description
<i>SMF101_Account_Code.<fieldname></i>			
zASLN	INT	1	(IBM name: QMDAASLN) NUMBER OF BYTES USED IN QMDAAINF. THIS IS THE LENGTH OF QMDAPRID PLUS THE NUMBER OF BYTES ACTUALLY USED IN FIELD QMDAASLR.

<i>SMF101_Account_Code.zAINF.<fieldname></i>			
zPRID	CHAR	8	(IBM name: QMDAPRID) IDENTIFICATION OF THE PRODUCT THAT GENERATED THE ACCOUNTING STRING IN FIELD QMDAASLR. IF THIS FIELD IS ZEROS, THEN THERE IS NO ACCOUNTING STRING PRESENT. THE FORMAT OF THE PRODUCT ID IS PPPVRRM.
zPTYP	CHAR	3	(IBM name: QMDAPTYP) PPP IS THE PRODUCT IDENTIFIER. POSSIBLE VALUES ARE:
zPVER	CHAR	2	(IBM name: QMDAPVER) VV IS THE VERSION NUMBER.
zPREL	CHAR	2	(IBM name: QMDAPREL) RR IS THE RELEASE NUMBER.
zPMOD	CHAR	1	(IBM name: QMDAPMOD) M IS THE MODIFICATION LEVEL.

<i>SMF101_Account_Code.zAINF.zASTR.<fieldname></i>			
--	--	--	--

<i>SMF101_Account_Code.zAINF.zASTR.DSNInfo.<fieldname></i>			
zLOCN	CHAR	16	(IBM name: QMDALOCN) THE LOCATION NAME FOR THE DB2 SUBSYSTEM THAT CREATED THE QMDAINFO VALUES. THIS FIELD HAS THE SAME CONTENTS AS QWHSLOCN AT THE SUBSYSTEM THAT CREATED QMDAINFO.
zNETN	CHAR	8	(IBM name: QMDANETN) THE NETID OF THE DB2 SUBSYSTEM THAT CREATED THE QMDAINFO VALUES.
zLUNM	CHAR	8	(IBM name: QMDALUNM) THE SNA LUNAME OF THE DB2 SUBSYSTEM THAT CREATED THE QMDAINFO VALUES.
zCNAM	CHAR	8	(IBM name: QMDACNAM) THE DB2 CONNECTION NAME AT THE DB2 SUBSYSTEM WHERE THE SQL APPLICATION IS RUNNING. THIS FIELD HAS THE SAME VALUE AS QWHCCN AT THE SUBSYSTEM THAT CREATED QMDAINFO.
zCTYP	CHAR	8	(IBM name: QMDACTYP) THE DB2 CONNECTION TYPE AT THE DB2 SUBSYSTEM WHERE THE SQL APPLICATION IS RUNNING. POSSIBLE VALUES INCLUDE: 'MASS' FOR IMS, 'SASS' FOR CICS, 'RRSAF' FOR RRSASF, 'BATCH' FOR TSO OR CALL ATTACHMENT FACILITY, 'DIST' FOR DISTRIBUTED.
zCORR	CHAR	12	(IBM name: QMDACORR) THE DB2 CORRELATION ID AT THE DB2 SUBSYSTEM WHERE THE SQL APPLICATION IS RUNNING. THIS FIELD HAS THE SAME VALUE AS QWHCCV AT THE SUBSYSTEM THAT CREATED QMDAINFO.
zAUTH	CHAR	8	(IBM name: QMDAAUTH) THE DB2 AUTHORIZATION ID THAT THE SQL APPLICATION USED BEFORE NAME TRANSLATION AND BEFORE DRIVING THE CONNECTION EXIT AT THE DB2 SITE WHERE THE SQL APPLICATION IS RUNNING. THIS FIELD HAS THE SAME VALUE AS QWHCOPID AT THE SUBSYSTEM THAT CREATED QMDAINFO.
zPLAN	CHAR	8	(IBM name: QMDAPLAN) THE DB2 PLAN THAT THE SQL APPLICATION USED AT THE DB2 SUBSYSTEM WHERE THE SQL APPLICATION IS RUNNING. THIS FIELD HAS THE SAME VALUE AS QWHCPLAN AT THE SUBSYSTEM THAT CREATED QMDAINFO.
zACCT	XVCHAR	0 142	(IBM name: QMDAACCT) THE z/OS ACCOUNTING STRING ASSOCIATED WITH THE DB2 SQL

			APPLICATION'S z/OS ADDRESS SPACE. THE INFORMATION COMES FROM THE ACCT= PARAMETER ON THE JOB STATEMENT. IF THIS FIELD IS BLANK, THEN THE INFORMATION ON THE EXEC STATEMENT IS USED. TSO LOGON ACCOUNTING INFORMATION IS PRESENT ONLY IF THERE IS A VALUE IN THE ACCOUNT FIELD ON THE TSO LOGON PANEL. z/OS ALLOWS MULTIPLE FIELDS TO BE SUPPLIED IN THE ACCOUNTING STRING. WHEN MULTIPLE FIELDS ARE PRESENT, DB2 DELIMITS THESE FIELDS WITH AN X'FF' VALUE. THE FOLLOWING EXAMPLE SHOWS 3 z/OS ACCOUNTING FIELDS: ACCT=(X,Y,Z) FOR THIS EXAMPLE, DB2 CREATES A 5-BYTE STRING OF: 'XDYDZ' WHERE 'D' REPRESENTS X'FF' DELIMITER. THIS FIELD IS NOT THE SAME AS THE CICS ACCOUNTING TOKEN. IF QMDACTYP IS 'SASS ' (CONNECTION TYPE=CICS), AND ACCOUNTREC IS UOW OR TASK IN THE DB2CONN OR OR DB2ENTRY RESOURCE DEFINITIONS, THE CICS TOKEN IS AVAILABLE IN QWHCTOKN.
--	--	--	--

SMF101_Account_Code.zAINF.zASTR.SQLInfo.<fieldname>			
zPLAT	CHAR	18	(IBM name: QMDAPLAT) CLIENT PLATFORM. THIS IS A 1 TO 18 CHARACTER FIELD PADDED WITH BLANKS. EXAMPLE VALUES ARE: OS/2, AIX, DOS, AND DOS/WINDOWS.
zAPPL	CHAR	20	(IBM name: QMDAAPPL) CLIENT APPLICATION NAME. THIS IS A 1 TO 20 CHARACTER FIELD PADDED WITH BLANKS. AN EXAMPLE IS 'PAYROLL'.
zATID	CHAR	8	(IBM name: QMDAATID) CLIENT AUTHORIZATION ID OF AN APPLICATION PROCESS. THIS IS A 1 TO 8 CHARACTER FIELD PADDED WITH BLANKS. AN EXAMPLE IS 'SMITH'.
zSFLN	INT	1	(IBM name: QMDASFLN) LENGTH OF THE ACCOUNT SUFFIX.
zSUFX	XVCHAR	0 200	(IBM name: QMDASUFX) ACCOUNT SUFFIX. THE MAXIMUM LENGTH OF THIS FIELD IS 200 BYTES. THIS FIELD IS THE USER-SUPPLIED PORTION (SUFFIX) OF THE ACCOUNTING STRING. AN EXAMPLE IS 'DEFAULT DRDA'. A VALUE OF ZERO IN QMDASFLN INDICATES THERE IS NO ACCOUNT SUFFIX.

Secondary segment: SMF101_IFI

Field Name	Type	Len	Description
<i>SMF101_IFI.<fieldname></i>			
zAIET	TIME	8	(IBM name: QIFAAIET) ACCUMULATED ELAPSED TIME SPENT PROCESSING IFI CALLS. THIS FIELD IS CALCULATED ONLY IF ACCOUNTING CLASS 5 IS ACTIVE. THIS FIELD APPLIES TO ALL IFI CALLS.
zAITT	TIME	8	(IBM name: QIFAAITT) ACCUMULATED CPU TIME SPENT PROCESSING IFI CALLS. THIS FIELD IS CALCULATED ONLY IF ACCOUNTING CLASS 5 IS ACTIVE. THIS FIELD APPLIES TO ALL IFI CALLS.
zAMBT	TIME	8	(IBM name: QIFAAMBT) ACCUMULATED ELAPSED TIME SPENT PROCESSING DATA CAPTURE DESCRIBES. DATA CAPTURE DESCRIBES FOR DATA PROPAGATOR NONRELATIONAL SUPPORT (DPROP NR) OCCUR ONLY DURING IFI READS REQUESTS FOR IFCID 0185. THIS TIME IS A SUBSET OF THE TIME PROVIDED IN QIFAAMLT. FOR MORE INFORMATION ABOUT DATA CAPTURE DESCRIBES, SEE QW0188MB.
zAMLT	TIME	8	(IBM name: QIFAAMLT) ACCUMULATED ELAPSED TIME SPENT EXTRACTING LOG RECORDS FOR TABLES DEFINED WITH 'DATA CAPTURE CHANGES'. THIS TIME IS A SUBSET OF THE TIME PROVIDED IN QIFAAIET.
zANIF	INT	4	(IBM name: QIFAANIF) NUMBER OF ENTRIES TO AND EXITS FROM IFI EVENTS. THIS FIELD

			IS CALCULATED ONLY IF ACCOUNTING CLASS 5 IS ACTIVE. THIS FIELD APPLIES TO ALL IFI CALLS.
zANLR	INT	4	(IBM name: QIFAANLR) NUMBER OF LOG READS PERFORMED FOR PROCESSING IFI READS REQUESTS FOR IFCID 0185.
zANRC	INT	4	(IBM name: QIFAANRC) NUMBER OF LOG RECORDS THAT CAN BE RETRIEVED THAT WERE WRITTEN FOR TABLES DEFINED WITH DATA CAPTURE CHANGES. THIS NUMBER INCLUDES ONLY THOSE LOG RECORDS THAT WERE RETRIEVED BY AN IFI READS CALL FOR IFCID 0185.
zANRR	INT	4	(IBM name: QIFAANRR) NUMBER OF LOG RECORDS RETURNED TO THE CALLER OF THE IFI READS CALL FOR IFCID 0185.
zANDR	INT	4	(IBM name: QIFAANDR) NUMBER OF DATA ROWS RETURNED IN IFCID 0185. TWO ROWS ARE RETURNED FOR EACH ROW ALTERED BY AN SQL UPDATE STATEMENT. DATA ROWS ARE RETURNED IN IFCID 0185 AND ARE MAPPED BY QW0185DR.
zANDD	INT	4	(IBM name: QIFAANDD) NUMBER OF DATA DESCRIPTIONS RETURNED IN IFCID 0185. DATA DESCRIPTIONS ARE MAPPED IN IFCID 0185 BEGINNING WITH FIELD QW0185DD.
zANMB	INT	4	(IBM name: QIFAANMB) NUMBER OF DATA CAPTURE DESCRIBES FOR PROCESSING READS REQUESTS FOR 0185 DATA. SEE FIELD QW0188MB FOR MORE INFORMATION ABOUT DATA CAPTURE DESCRIBES.
zANTB	INT	4	(IBM name: QIFAANTB) NUMBER OF TABLES RETURNED TO THE CALLER OF IFI READS CALL FOR IFCID 0185.

Secondary segment: **SMF101_Rollup**

Field Name	Type	Len	Description
<i>SMF101_Rollup.<fieldname></i>			
zACE	HEX	8	(IBM name: QWARACE) Agent token for the transaction rolled into the record. This can be used to correlate to records written with the the same QWHSACE value during the time of the transaction (QWARBSC to QWARESC).
zBSC	TIME	8	(IBM name: QWARBSC) The beginning time for the transaction
zESC	TIME	8	(IBM name: QWARESC) The end time for the transaction

Secondary segment: **SMF101_Group_Buffer_Pool**

Field Name	Type	Len	Description
<i>SMF101_Group_Buffer_Pool.<fieldname></i>			
zGN	INT	4	(IBM name: QBGAGN) GROUP BUFFER POOL ID.
zGG	INT	4	(IBM name: QBGAGG) THE NUMBER OF GetPages for GBP Dep pages
zXD	INT	4	(IBM name: QBGAXD) THE NUMBER OF COUPLING FACILITY READ REQUESTS REQUIRED BECAUSE THE BUFFER WAS MARKED INVALID. DATA IS RETURNED FROM THE GROUP BUFFER POOL.

zXR	INT	4	(IBM name: QBGAXR) THE NUMBER OF COUPLING FACILITY READ REQUESTS REQUIRED BECAUSE THE BUFFER WAS MARKED INVALID. DATA IS NOT RETURNED FROM THE GROUP BUFFER POOL AND A DIRECTORY ENTRY IS CREATED IF IT DOES NOT ALREADY EXIST. THIS MEANS ANOTHER DB2 IN THE GROUP HAS R/W INTEREST IN THE PAGE SET OR PARTITION.
zEX	INT	4	(IBM name: QBGAEX) THE NUMBER OF EXPLICIT CROSS-INVALIDATIONS.
zMD	INT	4	(IBM name: QBGAMD) THE NUMBER OF COUPLING FACILITY READS NECESSARY BECAUSE THE REQUESTED PAGE WAS NOT FOUND IN THE BUFFER POOL. DATA WAS RETURNED FROM THE COUPLING FACILITY.
zMR	INT	4	(IBM name: QBGAMR) THE NUMBER OF COUPLING FACILITY READS NECESSARY BECAUSE THE REQUESTED PAGE WAS NOT FOUND IN THE BUFFER POOL. DATA WAS NOT RETURNED FROM THE COUPLING FACILITY. IF A DIRECTORY ENTRY DOES NOT ALREADY EXIST FOR THE PAGE, AN ENTRY IS CREATED. SEE QBGAXR AND QBGAXN FOR AN EXPLANATION OF DIRECTORY ENTRY ASSIGNMENT.
zMN	INT	4	(IBM name: QBGAMN) THE NUMBER OF COUPLING FACILITY READS NECESSARY BECAUSE THE REQUESTED PAGE WAS NOT FOUND IN THE BUFFER POOL. DATA WAS NOT RETURNED FROM THE COUPLING FACILITY, AND NO DIRECTORY ENTRY WAS CREATED. SEE QBGAXR AND QBGAXN FOR AN EXPLANATION OF DIRECTORY ENTRY ASSIGNMENT.
zSW	INT	4	(IBM name: QBGASW) THE NUMBER OF CHANGED PAGES WRITTEN TO THE GROUP BUFFER POOL.
zWC	INT	4	(IBM name: QBGAWC) THE NUMBER OF CLEAN PAGES WRITTEN TO THE GROUP BUFFER POOL. DB2 WRITES CLEAN PAGES FOR PAGE SETS AND PARTITIONS DEFINED WITH GBPCACHE ALL.
zDG	INT	4	(IBM name: QBGADG) THE NUMBER OF COUPLING FACILITY REQUESTS TO UNREGISTER A PAGE.
zWM	INT	4	(IBM name: QBGAWM) THE NUMBER OF WRITE AND REGISTER MULTIPLE (WARM) REQUESTS.
z2S	INT	4	(IBM name: QBGA2S) THE NUMBER OF COMPLETION CHECKS FOR WRITES TO THE SECONDARY GROUP BUFFER POOL THAT WERE SUSPENDED BECAUSE A WRITE HAD NOT YET COMPLETED.
zHS	INT	4	(IBM name: QBGAHS) THE NUMBER OF ASYNCRHONOUS IXLCACHE REQUESTS FOR THE PRIMARY GROUP BUFFER POOL.
z2H	INT	4	(IBM name: QBGA2H) THE NUMBER OF ASYNCRHONOUS IXLCACHE REQUESTS FOR THE SECONDARY GROUP BUFFER POOL.
zP1	INT	4	(IBM name: QBGAP1) THE NUMBER OF PAGE P-LOCK LOCK REQUESTS FOR SPACE MAP PAGES.
zP2	INT	4	(IBM name: QBGAP2) THE NUMBER OF PAGE P-LOCK LOCK REQUESTS FOR DATA PAGES.
zP3	INT	4	(IBM name: QBGAP3) THE NUMBER OF PAGE P-LOCK LOCK REQUESTS FOR INDEX LEAF PAGES.
zU1	INT	4	(IBM name: QBGAU1) THE NUMBER OF PAGE P-LOCK UNLOCK REQUESTS.
zS1	INT	4	(IBM name: QBGAS1) THE NUMBER OF PAGE P-LOCK SUSPENSIONS FOR SPACE MAP PAGES.
zS2	INT	4	

			(IBM name: QBGAS2) THE NUMBER OF PAGE P-LOCK LOCK SUSPENSIONS FOR DATA PAGES.
zS3	INT	4	(IBM name: QBGAS3) THE NUMBER OF PAGE P-LOCK LOCK SUSPENSIONS FOR INDEX LEAF PAGES.
zWS	INT	4	(IBM name: QBGAWS) THE NUMBER OF WRITE AND REGISTER (WAR) REQUESTS.

Secondary segment: **SMF101_Global_Locking**

Field Name	Type	Len	Description
<i>SMF101_Global_Locking.<fieldname></i>			
zLPLK	INT	4	(IBM name: QTGALPLK) THE NUMBER OF LOCK REQUESTS FOR P-LOCKS. QTXALOCK CONTAINS THE NUMBER OF L-LOCK REQUESTS.
zCPLK	INT	4	(IBM name: QTGACPLK) THE NUMBER OF CHANGE REQUESTS FOR P-LOCKS. QTXACHG CONTAINS THE NUMBER OF CHANGE REQUESTS FOR L-LOCKS.
zUPLK	INT	4	(IBM name: QTGAUPLK) THE NUMBER OF UNLOCK REQUESTS FOR P-LOCKS. QTXAUNLK CONTAINS THE NUMBER OF UNLOCK REQUESTS FOR L-LOCKS.
zLSLM	INT	4	(IBM name: QTGALSLM) THE NUMBER OF LOCK REQUESTS PROPAGATED TO z/OS XES SYNCHRONOUSLY (THAT IS, UNDER THE USER'S EXECUTION UNIT). THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS COUNTER IS NOT INCREMENTED IF THE REQUEST IS SUSPENDED.
zCSLM	INT	4	(IBM name: QTGACSLM) THE NUMBER OF CHANGE REQUESTS PROPAGATED TO z/OS XES SYNCHRONOUSLY (THAT IS, UNDER THE USER'S EXECUTION UNIT). THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS COUNTER IS NOT INCREMENTED IF THE REQUEST IS SUSPENDED.
zUSLM	INT	4	(IBM name: QTGAUSLM) THE NUMBER OF RESOURCES PROPAGATED TO z/OS XES SYNCHRONOUSLY (THAT IS, UNDER THE USER'S EXECUTION UNIT) FROM UNLOCK REQUESTS. THIS COUNT INCLUDES BOTH L-LOCKS AND P-LOCKS. THIS COUNTER IS NOT INCREMENTED IF THE REQUEST IS SUSPENDED.
zIGLO	INT	4	(IBM name: QTGAIGLO) THE NUMBER OF SUSPENDS BECAUSE OF IRLM GLOBAL RESOURCE CONTENTION. (IRLM LOCK STATES WERE IN CONFLICT.) GLOBAL CONTENTION REQUIRES INTER-SYSTEM COMMUNICATION TO RESOLVE THE LOCK CONFLICT. IN CONTRAST, LOCAL CONTENTION DOES NOT REQUIRE INTER-SYSTEM COMMUNICATION TO RESOLVE THE LOCK CONFLICT. THE SUM OF QTGAIGLO, QTGASGLO AND QTGAFLSE GIVES THE TOTAL NUMBER OF SUSPENDS CAUSED BY GLOBAL CONTENTION. QTXASLOC GIVES THE NUMBER OF SUSPENDS CAUSED BY LOCAL RESOURCE CONTENTION.
zSGLO	INT	4	(IBM name: QTGASGLO) THE NUMBER OF SUSPENDS BECAUSE OF z/OS XES GLOBAL RESOURCE CONTENTION (z/OS XES LOCK STATES WERE IN CONFLICT BUT IRLM LOCK STATES WERE NOT). FOR INFORMATION ON RESOLVING RESOURCE CONTENTION, SEE DATA SHARING: PLANNING AND ADMINISTRATION.
zFLSE	INT	4	(IBM name: QTGAFLSE) THE NUMBER OF SYNCHRONOUS TO ASYNCHRONOUS HEURISTIC CONVERSIONS FOR LOCK REQUESTS IN XES. THIS CONVERSION IS DONE WHEN XES DETERMINES THAT IT IS MORE EFFICIENT TO DRIVE THE REQUEST ASYNCHRONOUSLY TO THE COUPLING FACILITY.
zDRTA	INT	4	(IBM name: QTGADRTA) THE NUMBER OF GLOBAL LOCK OR CHANGE REQUESTS DENIED

			BECAUSE OF AN INCOMPATIBLE RETAINED LOCK. FOR INFORMATION ABOUT RETAINED LOCKS, SEE DATA SHARING: PLANNING AND ADMINISTRATION.
zNTFY	INT	4	(IBM name: QTGANTFY) THE NUMBER OF NOTIFY MESSAGES SENT TO PASS DATA TO OTHER MEMBERS.
zFCNT	INT	4	(IBM name: QTG AFCNT) THE NUMBER OF FALSE CONTENTIONS FOR LOCK AND UNLOCK REQUESTS. A FALSE CONTENTION OCCURS WHEN DIFFERENT RESOURCE NAMES HASH TO THE SAME ENTRY IN THE COUPLING FACILITY LOCK TABLE. THE COUPLING FACILITY DETECTS CONTENTION WITHIN THE HASH ENTRY, AND XES USES INTERSYSTEM MESSAGING TO DETERMINE THAT NO RESOURCE CONTENTION EXISTS. IF XES APAR OA12164 AND IRLM APAR PK85159 ARE APPLIED, THIS COUNTER REPORTS FALSE CONTENTIONS FOR THE DATA SHARING MEMBER AGAINST WHICH AN ACCOUNTING TRACE IS RUN. WHEN THESE APARS ARE NOT APPLIED, THIS COUNTER IS ZERO.

Secondary segment: **SMF101_Data_Sharing**

Field Name	Type	Len	Description
<i>SMF101_Data_Sharing.<fieldname></i>			
zQCQO	HEX	8	(IBM name: N/A) No longer supported on DB2 11. On a child task this field is a correlating value indicating the member name of the parallelism coordinator. This value (in conjunction with QWACPACE) can be used to correlate all of the parallel task records with the records of the originating task. On the coordinating task, there may be multiple occurrences of the QWDA, with a data section for each assisting member. The member name for the originating task is not included in this list. If all assisting tasks run on the same member as the coordinator, there is no QWDA for the coordinator. The number of QWDA data sections is in the QWT02RFN field for IFC's 147, 148 and in the QWA01RBN field for IFC 3.

Secondary segment: **SMF101_Overflow**

Field Name	Type	Len	Description
<i>SMF101_Overflow.<fieldname></i>			
<i>SMF101_Overflow.z4.<fieldname></i>			
zALOG	TIME	8	(IBM name: QWAXALOG) ACCUMULATED WAIT TIME FOR PROCESSING OF ARCHIVE LOG MODE(QUIESCE) COMMANDS. THIS NUMBER THIS NUMBER REPRESENTS THE AMOUNT OF TIME THAT AN INDIVIDUAL THREAD WAS SUSPENDED DUE TO AN ARCHIVE LOG MODE(QUIESCE) COMMAND. THIS IS NOT THE TIME FOR THE ENTIRE COMMAND TO COMPLETE.
zALCT	INT	4	(IBM name: QWAXALCT) NUMBER OF SUSPENSIONS FOR PROCESSING OF ARCHIVE LOG MODE(QUIESCE) COMMANDS. QWAXALCT IS AN ACCOUNTING CLASS 1 VALUE.
<i>SMF101_Overflow.zX.<fieldname></i>			
zARND	INT	4	(IBM name: QWAXARND) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR A DRAIN LOCK.
zAWDR	TIME	8	(IBM name: QWAXAWDR) ACCUMULATED WAIT TIME FOR A DRAIN LOCK.
zAWCL	TIME	8	

			(IBM name: QWAXAWCL) ACCUMULATED WAIT TIME FOR A DRAIN LOCK WHILE WAITING FOR CLAIMS TO BE RELEASED.
zARNC	INT	4	(IBM name: QWAXARNC) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR SUSPENSIONS FOR WAITING FOR CLAIMS TO BE RELEASED.
zAWAR	TIME	8	(IBM name: QWAXAWAR) ACCUMULATED WAIT TIME FOR: - ARCHIVE LOG READS. - ACTIVE LOG READS. - ACTIVE LOG PREFETCH READS.
zANAR	INT	4	(IBM name: QWAXANAR) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR: - ARCHIVE LOG READS. - ACTIVE LOG READS. - ACTIVE LOG PREFETCH READS.
zOCSE	TIME	8	(IBM name: QWAXOCSE) ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO THE DB2 OPEN/CLOSE DATA SET SERVICE OR THE HSM RECALL SERVICE.
zSLSE	TIME	8	(IBM name: QWAXSLSE) ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO THE DB2 SYSLGRNG RECORDING SERVICE. THIS SERVICE IS ALSO SOMETIMES USED FOR LEVEL ID CHECKING FOR DOWN-LEVEL DETECTION.
zDSSE	TIME	8	(IBM name: QWAXDSSE) ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO THE DB2 DATA SPACE MANAGER SERVICES, WHICH INCLUDE DEFINE DATA SET, EXTEND DATA SET, DELETE DATA SET, RESET DATA SET, AND VSAM CATALOG ACCESS.
zOTSE	TIME	8	(IBM name: QWAXOTSE) ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO OTHER DB2 SERVICE TASKS.
zOCNS	INT	4	(IBM name: QWAXOCNS) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO THE OPEN/CLOSE SERVICE.
zSLNS	INT	4	(IBM name: QWAXSLNS) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO THE SYSLGRNG RECORDING SERVICE.
zDSNS	INT	4	(IBM name: QWAXDSNS) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO THE DATA SPACE MANAGER SERVICE TASKS.
zOTNS	INT	4	(IBM name: QWAXOTNS) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO OTHER SERVICE TASKS.

SMF101_Overflow.z2X.<fieldname>

zAWFC	TIME	8	(IBM name: QWAXAWFC) ACCUMULATED WAIT TIME FOR COMMIT PHASE 1 DATABASE WRITE I/O COMPLETION.
zFCCT	INT	4	(IBM name: QWAXFCCT) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR FORCE-AT-COMMIT.
zIXLE	INT	4	(IBM name: QWAXIXLE) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR ASYNCHRONOUS IXLCACHE/IXLFCOMP INVOCATIONS. THESE ARE INCREMENTED BY IFCID 329, WHICH IS NOT PART OF A BEGIN/END PAIR, SO THIS NUMBER REPRESENTS THE TRUE NUMBER OF EVENTS. IT IS NOT DOUBLED, AS OTHER WAIT EVENTS ARE.
zIXLT	FIXED	4 (10,6)	(IBM name: QWAXIXLT) ACCUMULATED WAIT TIME FOR IXLCACHE AND IXLFCOMP ASYNCHRONOUS REQUESTS, IN SECONDS.
z_PIPE_WAIT	TIME	8	(IBM name: QWAX_PIPE_WAIT) ACCUMULATED WAIT TIME FOR PIPE WAIT.

z_PIPEWAIT_COUNT	INT	4	(IBM name: QWAX_PIPEWAIT_COUNT) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR PIPE WAIT.
z_LOBCOMP_WAIT	TIME	8	(IBM name: QWAX_LOBCOMP_WAIT) ACCUMULATED WAIT TIME FOR LOB COMPRESSION.
z_LOBCOMP_COUNT	INT	4	(IBM name: QWAX_LOBCOMP_COUNT) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR LOB COMPRESSION.

Secondary segment: **SMF101_Accelerator**

Field Name	Type	Len	Description
<i>SMF101_Accelerator.<fieldname></i>			
zNAME_OFF	HEX	2	(IBM name: Q8ACNAME_OFF) OFFSET TO THE ACCELERATOR SERVER ID FIELDS.
zPRID	CHAR	8	(IBM name: Q8ACPRID) ACCELERATOR PRODUCT ID.
zCONN	INT	4	(IBM name: Q8ACCONN) NUMBER OF CONNECTIONS TO THE ACCELERATOR.
zREQ	INT	4	(IBM name: Q8ACREQ) NUMBER OF REQUESTS TO THE ACCELERATOR.
zTOUT	INT	4	(IBM name: Q8ACTOUT) NUMBER OF TIMED-OUT REQUESTS.
zFAIL	INT	4	(IBM name: Q8ACFAIL) NUMBER OF FAILED REQUESTS.
zBYTS	INT	8	(IBM name: Q8ACBYTS) NUMBER OF BYTES SENT TO THE ACCELERATOR.
zBYTR	INT	8	(IBM name: Q8ACBYTR) NUMBER OF BYTES RETURNED FROM THE ACCELERATOR.
zMSGS	INT	4	(IBM name: Q8ACMSGS) NUMBER OF MESSAGES SENT TO THE ACCELERATOR.
zMSGR	INT	4	(IBM name: Q8ACMSGR) NUMBER OF MESSAGES RETURNED FROM THE ACCELERATOR.
zBLKS	INT	4	(IBM name: Q8ACBLKS) NUMBER OF BLOCKS SENT TO THE ACCELERATOR.
zBLKR	INT	4	(IBM name: Q8ACBLKR) NUMBER OF BLOCKS RETURNED FROM THE ACCELERATOR.
zROWS	INT	8	(IBM name: Q8ACROWS) NUMBER OF ROWS SENT TO THE ACCELERATOR.
zROWR	INT	8	(IBM name: Q8ACROWR) NUMBER OF ROWS RETURNED FROM THE ACCELERATOR.
zSCPU	TIME	8	(IBM name: Q8ACSCPU) ACCELERATOR SERVICES CPU TIME.
zSELA	TIME	8	(IBM name: Q8ACSELA) ACCELERATOR SERVICES ELAPSED TIME.
zTCPU	TIME	8	(IBM name: Q8ACTCPU) ACCELERATOR SERVICES TCP/IP CPU TIME.
zTELA	TIME	8	(IBM name: Q8ACTELA) ACCELERATOR SERVICES TCP/IP ELAPSED TIME. THIS ELAPSED TIME IS A SUBSET OF ACCOUNTING CLASS 3 WAIT TIME FOR ACCELERATOR SERVICES.
zACPU	TIME	8	(IBM name: Q8ACACPU) OVERALL ACCELERATOR CPU TIME.
zAELA	TIME	8	

			(IBM name: Q8ACAELA) OVERALL ACCELERATOR ELAPSED TIME.
zAWAT	TIME	8	(IBM name: Q8ACAWAT) OVERALL ACCELERATOR WAIT TIME.
zINSC	INT	8	(IBM name: Q8ACINSC) ACCUMULATED # OF INSERT STATEMENTS SENT TO IDAA FROM DB2.
zUPDC	INT	8	(IBM name: Q8ACUPDC) ACCUMULATED # OF UPDATE STATEMENTS SEND TO IDAA FROM DB2.
zDELC	INT	8	(IBM name: Q8ACDELC) ACCUMULATED # OF DELETE STATEMENTS SEND TO IDAA FROM DB2.
zDRPC	INT	8	(IBM name: Q8ACDRPC) ACCUMULATED # OF DROP STATEMENTS SEND TO IDAA FROM DB2.
zCRTC	INT	8	(IBM name: Q8ACCRTC) ACCUMULATED # OF CREATE STATEMENTS SEND TO IDAA FROM DB2.
zCMTC	INT	8	(IBM name: Q8ACCMTC) ACCUMULATED # OF COMMIT STATEMENTS SEND TO IDAA FROM DB2.
zRBKC	INT	8	(IBM name: Q8ACRBKC) ACCUMULATED # OF ROLLBACK STATEMENTS SEND TO IDAA FROM DB2.
zOPNC	INT	8	(IBM name: Q8ACOPNC) ACCUMULATED # OF OPEN STATEMENTS SEND TO IDAA FROM DB2.
zROWI	INT	8	(IBM name: Q8ACROWI) ACCUMULATED # OF ROWS INSERTED TO IDAA BY DB2.
zROWU	INT	8	(IBM name: Q8ACROWU) ACCUMULATED # OF ROWS UPDATED ON IDAA BY DB2.
zROWD	INT	8	(IBM name: Q8ACROWD) ACCUMULATED # OF ROWS DELETED ON IDAA BY DB2.
zROWC	INT	8	(IBM name: Q8ACROWC) ACCUMULATED # OF ROWS RETURNED BY IDAA TO DB2. NOTE: FOR COMPLETED QUERIES, THIS IS THE TOTAL NUMBER OF ROWS RETURNED TO DB2. FOR IN-PROCESS QUERIES, THIS IS THE NUMBER OF ROWS THAT HAVE BEEN SEND SO FAR (AND MORE ROWS MAY STILL BE COMING).

Secondary segment: SMF101_Accelerator_Id

Field Name	Type	Len	Description
<i>SMF101_Accelerator_Id.<fieldname></i>			
zNAME_Len	INT	2	(IBM name: Q8ACNAME_Len) LOCATION NAME LENGTH
zNAME_Var	XVCHAR	0 128	(IBM name: Q8ACNAME_Var) LOCATION NAME OF THE 'REMOTE' SITE WITH WHICH THE INFORMATION IS ASSOCIATED. Truncated if QLSTLOCN_Off=0

Secondary segment: SMF101_WA1_Triplets

Field Name	Type	Len	Description
<i>SMF101_WA1_Triplets.<fieldname></i>			

zPKGo	INT	4	
zPKGI	INT	2	
zPKGn	INT	2	
zPACo	INT	4	
zPACI	INT	2	
zPACn	INT	2	
zXPKo	INT	4	
zXPKI	INT	2	
zXPKn	INT	2	
zBACo	INT	4	
zBACI	INT	2	
zBACn	INT	2	
zTXAo	INT	4	
zTXAI	INT	2	
zTXAn	INT	2	

Secondary segment: SMF101_Package_Overflow

Field Name	Type	Len	Description
<i>SMF101_Package_Overflow.<fieldname></i>			
zPKGN	INT	2	(IBM name: QPKGPKGN) NUMBER OF DSNDQPAC SECTIONS THAT ARE EXTERNALIZED FOR THIS AGENT. A MAXIMUM OF 10 DSNDQPAC DATA SECTIONS APPEAR IN A SINGLE IFCID 0239 RECORD.
zPKNF	INT	2	(IBM name: QPKGPKNF) NUMBER OF THE FIRST DSNDQPAC DATA SECTION IN THIS IFCID 0239 RECORD.
zPKNL	INT	2	(IBM name: QPKGPKNL) NUMBER OF THE LAST DSNDQPAC DATA SECTION IN THIS IFCID 0239 RECORD.

Secondary segment: SMF101_Package

Field Name	Type	Len	Description
<i>SMF101_Package.<fieldname></i>			
zLEN	INT	2	(IBM name: QPACLEN) Length of following data
<i>SMF101_Package.z1.<fieldname></i>			
zRECN	INT	2	(IBM name: QPACRECN) THE NUMBER OF THIS DSNDQPAC DATA SECTION IN THE SERIES OF DSNDQPAC DATA SECTIONS THAT MIGHT BE EXTERNALIZED IN THIS TRACE RECORD. QWACPKGN AND QPKGPKGN IDENTIFY THE NUMBER OF PACKAGES FOR WHICH PACKAGE ACCOUNTING HAS BEEN PERFORMED.
zFLGS	INT	2	(IBM name: QPACFLGS) FLAGS:
<i>SMF101_Package.z1.zPKNM.<fieldname></i>			

zLOCN	CHAR	16	(IBM name: QPACLOCN) %U LOCATION NAME. IF THIS NAME IDENTIFIES A REMOTE SITE, %U ALL TIMES REPRESENT THE AMOUNT OF TIME THAT WAS USED %U LOCALLY TO EXECUTE THE PACKAGE AT THE REMOTE SITE. %U IF QPACLOCN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCOLN	CHAR	18	(IBM name: QPACCOLN) %U PACKAGE COLLECTION ID. %U IF QPACCOLN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPKID	CHAR	18	(IBM name: QPACPKID) %U PROGRAM NAME. %U IF QPACPKID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCONT	HEX	8	(IBM name: QPACCONT) %U CONSISTENCY TOKEN. %U IF QPACCONT_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

SMF101_Package.zA101.<fieldname>

zSQLC	INT	4	(IBM name: QPACSQLC) THE NUMBER OF SQL STATEMENTS THAT WERE ISSUED. THIS FIELD MIGHT NOT EQUAL THE TOTAL OF ALL SQL STATEMENT COUNTERS IN THE QXST DATA SECTION, BECAUSE THE QXST COUNTERS DO NOT COUNT ALL SQL STATEMENTS. FOR EXAMPLE, QXST DOES NOT INCLUDE A COUNTER FOR COMMIT OR ROLLBACK STATEMENTS.
zSCB	TSTMP	8	(IBM name: QPACSCB) STORE CLOCK VALUE AT ENTRY TO DB2 FOR THE MOST RECENT EXECUTION OF THE PACKAGE.
zSCE	TSTMP	8	(IBM name: QPACSCE) STORE CLOCK VALUE AT EXIT FROM DB2 AFTER THE MOST RECENT EXECUTION OF THE PACKAGE.
zSCT	TIME	8	(IBM name: QPACSCT) TOTAL ELAPSED TIME THAT WAS USED FOR PROCESSING ALL EXECUTIONS OF THE PACKAGE.
zBJST	TIME	8	(IBM name: QPACBJST) CPU TIME AT ENTRY TO DB2 FOR THE MOST RECENT EXECUTION OF THE PACKAGE. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
zEJST	TIME	8	(IBM name: QPACEJST) CPU TIME AT EXIT FROM DB2 FOR THE MOST RECENT EXECUTION OF THE PACKAGE. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
zTJST	TIME	8	(IBM name: QPACTJST) TOTAL CPU TIME FOR ALL EXECUTIONS OF THE PACKAGE. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
zARNA	INT	4	(IBM name: QPACARNA) NUMBER OF DB2 ENTRY OR EXIT EVENTS THAT WERE PROCESSED DURING EXECUTION OF THE PACKAGE.
zARNE	INT	4	(IBM name: QPACARNE) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR I/O UNDER THE ASSOCIATED THREAD DURING EXECUTION OF THE PACKAGE.
zAWTI	TIME	8	(IBM name: QPACAWTI) ACCUMULATED I/O ELAPSED WAIT TIME FOR I/O THAT IS DONE UNDER THE ASSOCIATED THREAD DURING EXECUTION OF THE PACKAGE.
zAWTL	TIME	8	(IBM name: QPACAWTL) ACCUMULATED LOCK ELAPSED WAIT TIME DURING EXECUTION OF THE PACKAGE.
zAWTR	TIME	8	(IBM name: QPACAWTR) ACCUMULATED WAIT TIME FOR READ I/O THAT IS DONE UNDER A THREAD OTHER THAN THE THREAD ASSOCIATED WITH THE PACKAGE DURING EXECUTION OF THE PACKAGE.
zAWTW	TIME	8	(IBM name: QPACAWTW) ACCUMULATED WAIT TIME FOR WRITE I/O THAT IS DONE UNDER A THREAD OTHER THAN THE THREAD ASSOCIATED WITH THE

			PACKAGE DURING EXECUTION OF THE PACKAGE.
zAWTE	TIME	8	(IBM name: QPACAWTE) ACCUMULATED WAIT TIME DUE TO SYNCHRONOUS EXECUTION UNIT SWITCH TO DB2 SERVICES FROM THE THREAD ASSOCIATED WITH THE PACKAGE DURING EXECUTION OF THE PACKAGE. THE FOLLOWING DB2 SERVICE WAITS ARE INCLUDED IN THIS FIELD: - OPEN OR CLOSE OF A DATA SET - SYSLGRNG UPDATE - HSM RECALL OF DATA SET - DATASPACE MANAGER SERVICES - DEFINE A DATA SET - EXTEND A DATA SET - DELETE A DATA SET - AUTONOMOUS PROCEDURE THERE IS NO OVERLAP BETWEEN THE ELAPSED TIME THAT IS REPORTED IN THIS FIELD AND THE OTHER CLASS 8 ELAPSED TIMES. THERE IS NO OVERLAP BETWEEN THE ELAPSED TIME THAT IS REPORTED IN THIS FIELD AND THE ELAPSED TIME THAT IS REPORTED IN QLACCPUL FOR THREADS WITH DISTRIBUTED ACTIVITY.
zALOG	TIME	8	(IBM name: QPACALOG) ACCUMULATED WAIT TIME DUE TO PROCESSING OF ARCHIVE LOG MODE(QUIESCE) COMMANDS DURING EXECUTION OF THE PACKAGE OR DRBM. THIS NUMBER REPRESENTS THE AMOUNT OF TIME THAT AN INDIVIDUAL THREAD WAS SUSPENDED DUE TO AN ARCHIVE LOG MODE(QUIESCE) COMMAND, AND NOT THE TIME THAT THAT WAS REQUIRED FOR THE ENTIRE COMMAND TO COMPLETE.
zARNL	INT	4	(IBM name: QPACARNL) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR A LOCK DURING EXECUTION OF THE PACKAGE.
zARNR	INT	4	(IBM name: QPACARNR) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR READ I/O UNDER ANOTHER THREAD DURING EXECUTION OF THE PACKAGE.
zARNW	INT	4	(IBM name: QPACARNW) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR WRITE I/O UNDER ANOTHER THREAD DURING EXECUTION OF THE PACKAGE.
zARNS	INT	4	(IBM name: QPACARNS) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO DB2 SERVICE TASKS DURING EXECUTION OF THE PACKAGE.
zALCT	INT	4	(IBM name: QPACALCT) NUMBER OF SUSPENSIONS DUE TO PROCESSING OF ARCHIVE LOG MODE(QUIESCE) COMMANDS DURING EXECUTION OF THE PACKAGE.

SMF101_Package.zA101.z2.<fieldname>			
zARND	INT	4	(IBM name: QPACARND) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR DRAIN LOCKS DURING EXECUTION OF THE PACKAGE.
zAWDR	TIME	8	(IBM name: QPACAWDR) ACCUMULATED WAIT TIME FOR A DRAIN LOCK DURING EXECUTION OF THE PACKAGE.
zAWCL	TIME	8	(IBM name: QPACAWCL) ACCUMULATED WAIT TIME FOR A DRAIN DURING A WAIT FOR CLAIMS TO BE RELEASED DURING EXECUTION OF THE PACKAGE.
zARNC	INT	4	(IBM name: QPACARNC) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR SUSPENSIONS FOR WAITING FOR CLAIMS TO BE RELEASED DURING EXECUTION OF THE PACKAGE.
zAWAR	TIME	8	(IBM name: QPACAWAR) ACCUMULATED WAIT TIME FOR THE FOLLOWING EVENTS DURING EXECUTION OF THE PACKAGE: - ARCHIVE LOG READS - ACTIVE LOG READS - ACTIVE LOG PREFETCH READS
zANAR	INT	4	(IBM name: QPACANAR) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR THE FOLLOWING EVENTS DURING EXECUTION OF THE PACKAGE: - ARCHIVE LOG READS - ACTIVE LOG READS - ACTIVE LOG PREFETCH READS

zAWTP	TIME	8	(IBM name: QPACAWTP) ACCUMULATED WAIT TIME DUE TO PAGE LATCH CONTENTION DURING EXECUTION OF THE PACKAGE.
zARNH	INT	4	(IBM name: QPACARNH) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR PAGE LATCH CONTENTION DURING EXECUTION OF THE PACKAGE.

SMF101_Package.zA261.<fieldname>

zAWTG	TIME	8	(IBM name: QPACAWTG) ACCUMULATED WAIT TIME DUE TO SENDING OF MESSAGES WITHIN THE DB2 DATA SHARING GROUP.
zAWTJ	TIME	8	(IBM name: QPACAWTJ) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PARENT L-LOCKS. GLOBAL CONTENTION OCCURS WHEN INTER-SYSTEM COMMUNICATION IS REQUIRED TO RESOLVE AN IRLM LOCK OR CHANGE REQUEST. QPACAWTL CONTAINS THE WAIT TIME DUE TO LOCAL CONTENTION. LOCAL CONTENTION DOES NOT REQUIRE INTER-SYSTEM COMMUNICATION. IT CAN BE RESOLVED BY THE LOCAL SUBSYSTEM.
zARNG	INT	4	(IBM name: QPACARNG) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR MESSAGES WITHIN THE DB2 DATA SHARING GROUP.
zARNJ	INT	4	(IBM name: QPACARNJ) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR GLOBAL LOCK CONTENTION FOR PARENT L-LOCKS.

SMF101_Package.zA302.<fieldname>

zSPNS	INT	4	(IBM name: QPACSPNS) NUMBER OF STORED PROCEDURES EXECUTED.
-------	-----	---	---

SMF101_Package.zA303.<fieldname>

zUDNU	INT	4	(IBM name: QPACUDNU) NUMBER OF USER-DEFINED FUNCTIONS SCHEDULED.
-------	-----	---	---

SMF101_Package.zA304.<fieldname>

zASCH	CHAR	8	(IBM name: QPACASCH) %U NESTED ACTIVITY SCHEMA NAME. %U IF QPACASCH_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zAANM	CHAR	18	(IBM name: QPACAANM) %U ACTIVITY NAME. %U IF QPACAANM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zAAFG	CHAR	2	(IBM name: QPACAAFG) ACTIVITY FLAG: 01: STORED PROCEDURE 02: USER-DEFINED FUNCTION 03: TRIGGER 04: NATIVE SQL PROCEDURE 05: NON-INLINE USER-DEFINED FUNCTION

SMF101_Package.zA305.<fieldname>

zAWTK	TIME	8	(IBM name: QPACAWTK) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
zAWTM	TIME	8	(IBM name: QPACAWTM) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
zAWTN	TIME	8	(IBM name: QPACAWTN) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
zAWTO	TIME	8	(IBM name: QPACAWTO) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
zAWTQ	TIME	8	(IBM name: QPACAWTQ) ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.

zARNK	INT	4	(IBM name: QPACARNK) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
zARNM	INT	4	(IBM name: QPACARNM) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
zARNN	INT	4	(IBM name: QPACARNN) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
zARNO	INT	4	(IBM name: QPACARNO) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
zARNQ	INT	4	(IBM name: QPACARNQ) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.

SMF101_Package.zA999.<fieldname>

zLOCN_Off	INT	2	(IBM name: QPACLOCN_Off) IF QPACLOCN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QPAC TO QPACLOCN_LEN.
zCOLN_Off	INT	2	(IBM name: QPACCOLN_Off) IF QPACCOLN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QPAC TO QPACCOLN_LEN.
zPKID_Off	INT	2	(IBM name: QPACPKID_Off) IF QPACPKID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QPAC TO QPACPKID_LEN.
zASCH_Off	INT	2	(IBM name: QPACASCH_Off) IF QPACASCH IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QPAC TO QPACASCH_LEN.
zAANM_Off	INT	2	(IBM name: QPACAANM_Off) IF QPACAANM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QPAC TO QPACAANM_LEN.

SMF101_Package.<fieldname>

zSWITCH	INT	2	(IBM name: QPACSWITCH) NUMBER OF TIMES THAT A PACKAGE WAS INVOKED FROM A DIFFERENT PACKAGE. FOR THE FIRST PACKAGE THAT IS RUN BY AN APPLICATION, THE INITIAL CALL COUNTS AS A PACKAGE SWITCH. IF THIS PACKAGE CALLS A NESTED PACKAGE (TRIGGER, USER-DEFINED FUNCTION, OR STORED PROCEDURE), RETURN FROM THE NESTED PACKAGE DOES NOT COUNT AS A SWITCH.
---------	-----	---	---

SMF101_Package.zZIIP.<fieldname>

zCLS7_zIIP	TIME	8	(IBM name: QPACCLS7_zIIP) TOTAL CPU TIME FOR ALL EXECUTIONS OF THE PACKAGE THAT WERE CONSUMED ON AN IBM SPECIALTY ENGINE.
------------	------	---	--

SMF101_Package.zA309.<fieldname>

zALBC	INT	4	(IBM name: QPACALBC) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR TCP/IP LOB OR XML MATERIALIZATION DURING EXECUTION OF THE PACKAGE.
zALBW	TIME	8	(IBM name: QPACALBW) ACCUMULATED WAIT TIME FOR TCP/IP LOB OR XML MATERIALIZATION DURING EXECUTION OF THE PACKAGE.
zAWLH	TIME	8	(IBM name: QPACAWLH) ACCUMULATED WAIT TIME DUE TO LATCH SUSPENSIONS DURING EXECUTION OF THE PACKAGE.
zANLH	INT	4	(IBM name: QPACANLH) NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS ON LATCHES DURING EXECUTION OF THE PACKAGE.

SMF101_Package.zA310.<fieldname>

zRLNU	INT	4	(IBM name: QPACRLNU) NUMBER OF THREADS THAT ROLL DATA INTO THIS QPAC DATA SECTION. QPAC RECORDS THAT ARE NOT ROLLED UP HAVE A VALUE OF 1. QPAC RECORDS THAT ARE ROLLED UP HAVE A VALUE OF 1 OR GREATER.
-------	-----	---	--

SMF101_Package.zA311.<fieldname>

zAACC	INT	4	(IBM name: QPACAACC) NUMBER OF WAIT TRACE EVENT PROCESSED THAT WERE PROCESSED FOR REQUESTS TO AN ACCELERATOR WHILE THIS PACKAGE WAS EXECUTING.
zAACW	TIME	8	(IBM name: QPACAACW) ACCUMULATED WAIT TIME FOR REQUESTS TO AN ACCELERATOR WHILE THIS PACKAGE WAS EXECUTING.

SMF101_Package.zA312.<fieldname>

z_PQS_WAIT	TIME	8	(IBM name: QPAC_PQS_WAIT) ACCUMULATED WAIT TIME FOR PARALLEL QUERIES TO SYNCHRONIZE PARENT AND CHILD TASKS.
z_PQS_COUNT	INT	4	(IBM name: QPAC_PQS_COUNT) NUMBER OF TIMES THAT WAITS FOR PARALLEL QUERY PROCESSING TO SYNCHRONIZE PARENT AND CHILD TASKS WERE SUSPENDED.

SMF101_Package.zA313.<fieldname>

z_PIPE_WAIT	TIME	8	(IBM name: QPAC_PIPE_WAIT) ACCUMULATED WAIT TIME FOR A PIPE WHILE THIS PACKAGE WAS BEING EXECUTED.
z_PIPEWAIT_COUNT	INT	4	(IBM name: QPAC_PIPEWAIT_COUNT) NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR A PIPE WHILE THIS PACKAGE WAS BEING EXECUTED.

Secondary segment: SMF101_Package_Location

Field Name	Type	Len	Description
<i>SMF101_Package_Location.<fieldname></i>			
zLOCN_Len	INT	2	
zLOCN_Var	XVCHAR	0 128	(IBM name: QPACLOCN_Var) FULL LOCATION NAME.

Secondary segment: SMF101_Package_Collection

Field Name	Type	Len	Description
<i>SMF101_Package_Collection.<fieldname></i>			
zCOLN_Len	INT	2	
zCOLN_Var	XVCHAR	0 128	(IBM name: QPACCOLN_Var) FULL COLLECTION ID.

Secondary segment: SMF101_Package_Program

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF101_Package_Program.<fieldname>			
Field Name	Type	Len	Description
zPKID_Len	INT	2	
zPKID_Var	XVCHAR	0 128	(IBM name: QPACPKID_Var) FULL PROGRAM NAME.

Secondary segment: SMF101_Package_Activity_Schema

Field Name	Type	Len	Description
SMF101_Package_Activity_Schema.<fieldname>			
zASCH_Len	INT	2	
zASCH_Var	XVCHAR	0 128	(IBM name: QPACASCH_Var) FULL NESTED ACTIVITY SCHEMA NAME.

Secondary segment: SMF101_Package_Activity_Name

Field Name	Type	Len	Description
SMF101_Package_Activity_Name.<fieldname>			
zAANM_Len	INT	2	
zAANM_Var	XVCHAR	0 128	(IBM name: QPACAANM_Var) FULL NESTED ACTIVITY NAME.

Secondary segment: SMF101_SCC

Field Name	Type	Len	Description
SMF101_SCC.<fieldname>			
zSELECT	INT	4	(IBM name: QPSELECT) NUMBER OF SELECT STATEMENTS EXECUTED.
zINSRT	INT	4	(IBM name: QPINSRT) NUMBER OF INSERT STATEMENTS EXECUTED.
zUPDTE	INT	4	(IBM name: QPUPDTE) NUMBER OF UPDATE STATEMENTS EXECUTED.
zDELET	INT	4	(IBM name: QPDELET) NUMBER OF DELETE STATEMENTS EXECUTED.
zDESC	INT	4	(IBM name: QPDESC) NUMBER OF DESCRIBE STATEMENTS EXECUTED.
zPREP	INT	4	(IBM name: QPPREP) NUMBER OF PREPARE STATEMENTS EXECUTED.
zOPEN	INT	4	(IBM name: QPOPEN) NUMBER OF OPEN STATEMENTS EXECUTED.
zCLOSE	INT	4	(IBM name: QPCLOSE) NUMBER OF CLOSE STATEMENTS EXECUTED.
zFETCH	INT	4	(IBM name: QPFETCH) NUMBER OF FETCH STATEMENTS EXECUTED.
zLOCK	INT	4	(IBM name: QPLOCK) NUMBER OF LOCK TABLE STATEMENTS EXECUTED.
zCALL	INT	4	(IBM name: QPCALL) NUMBER OF SQL CALL STATEMENTS EXECUTED.

Record Type 102 - DB2 Performance

SMF Record 102 (DB2 Performance) is mapped by structure member "T102".

Primary Segment:

- SMF102_DB2_Performance

Secondary Segment(s): 470 (in alphabetical order)

- SMF102_App_Prog
- SMF102_Archive
- SMF102_ADM2
- SMF102_Catalog
- SMF102_Data_Sharing
- SMF102_DBM1_Startup_DBs
- SMF102_DBM1_Startup_Flg
- SMF102_DFID
- SMF102_Facility_Start
- SMF102_FCCD
- SMF102_IRLM
- SMF102_Log_Initialization
- SMF102_OPR1
- SMF102_OPR2
- SMF102_OZUS
- SMF102_Prod_Correlation
- SMF102_Prod_CPU
- SMF102_Prod_Data_Sharing
- SMF102_Prod_Distributed
- SMF102_Prod_Standard
- SMF102_Prod_Trace
- SMF102_QWAC
- SMF102_QWAX
- SMF102_QW0004
- SMF102_QW0005
- SMF102_QW0006
- SMF102_QW0007
- SMF102_QW00072
- SMF102_QW0008
- SMF102_QW0009
- SMF102_QW0010
- SMF102_QW0011
- SMF102_QW0012
- SMF102_QW0013
- SMF102_QW0014
- SMF102_QW0015
- SMF102_QW0016
- SMF102_QW0017
- SMF102_QW0018
- SMF102_QW0019
- SMF102_QW0020
- SMF102_QW0021
- SMF102_QW0022
- SMF102_QW0023
- SMF102_QW0024
- SMF102_QW0025
- SMF102_QW0026
- SMF102_QW0027
- SMF102_QW0028
- SMF102_QW0029
- SMF102_QW0030
- SMF102_QW0031
- SMF102_QW0032
- SMF102_QW0033
- SMF102_QW0034
- SMF102_QW0035
- SMF102_QW0036
- SMF102_QW0037
- SMF102_QW0038
- SMF102_QW0039
- SMF102_QW0040
- SMF102_QW0041
- SMF102_QW0042
- SMF102_QW0043
- SMF102_QW0044
- SMF102_QW0045
- SMF102_QW0046
- SMF102_QW0047

- SMF102_QW0048
- SMF102_QW0049
- SMF102_QW0050
- SMF102_QW0051
- SMF102_QW0052
- SMF102_QW0053
- SMF102_QW0055
- SMF102_QW0056
- SMF102_QW0057
- SMF102_QW0058
- SMF102_QW0059
- SMF102_QW0060
- SMF102_QW0061
- SMF102_QW0062
- SMF102_QW0063
- SMF102_QW0064
- SMF102_QW0065
- SMF102_QW0066
- SMF102_QW0067
- SMF102_QW0068
- SMF102_QW0069
- SMF102_QW0070
- SMF102_QW0071
- SMF102_QW0072
- SMF102_QW0073
- SMF102_QW0075
- SMF102_QW0076
- SMF102_QW0077
- SMF102_QW0078
- SMF102_QW0079
- SMF102_QW0080
- SMF102_QW0081
- SMF102_QW0082
- SMF102_QW0083
- SMF102_QW0084
- SMF102_QW0085
- SMF102_QW0086
- SMF102_QW0087
- SMF102_QW0088
- SMF102_QW0089
- SMF102_QW0090
- SMF102_QW0091
- SMF102_QW0092
- SMF102_QW0093
- SMF102_QW0094
- SMF102_QW0096
- SMF102_QW0097
- SMF102_QW0098
- SMF102_QW0099
- SMF102_QW0100
- SMF102_QW0101
- SMF102_QW0103
- SMF102_QW0104
- SMF102_QW0105
- SMF102_QW0107
- SMF102_QW0108
- SMF102_QW0109
- SMF102_QW0110
- SMF102_QW0111
- SMF102_QW0112
- SMF102_QW0113
- SMF102_QW0114
- SMF102_QW0115
- SMF102_QW0116
- SMF102_QW0117
- SMF102_QW0118
- SMF102_QW0119
- SMF102_QW0120
- SMF102_QW0121
- SMF102_QW0122
- SMF102_QW0123
- SMF102_QW01242
- SMF102_QW01243
- SMF102_QW01244
- SMF102_QW01245
- SMF102_QW01246
- SMF102_QW01247
- SMF102_QW01248
- SMF102_QW0125
- SMF102_QW01261

- SMF102_QW01262
- SMF102_QW0127
- SMF102_QW0128
- SMF102_QW01291
- SMF102_QW01292
- SMF102_QW0140
- SMF102_QW0141
- SMF102_QW0142
- SMF102_QW0143
- SMF102_QW0144
- SMF102_QW0145
- SMF102_QW01452
- SMF102_QW01453
- SMF102_QW01454
- SMF102_QW0148
- SMF102_QW01488
- SMF102_QW01502
- SMF102_QW01503
- SMF102_QW01504
- SMF102_QW01505
- SMF102_QW0157
- SMF102_QW0158
- SMF102_QW0159
- SMF102_QW0160
- SMF102_QW0161
- SMF102_QW0162
- SMF102_QW0163
- SMF102_QW0164
- SMF102_QW0165
- SMF102_QW0166
- SMF102_QW0167
- SMF102_QW0168
- SMF102_QW0169
- SMF102_QW0170
- SMF102_QW0171
- SMF102_QW0172
- SMF102_QW0172HE
- SMF102_QW0173
- SMF102_QW0174
- SMF102_QW0175
- SMF102_QW0176
- SMF102_QW0177
- SMF102_QW0178
- SMF102_QW0180
- SMF102_QW0181
- SMF102_QW0182
- SMF102_QW0183
- SMF102_QW0184
- SMF102_QW0185
- SMF102_QW0186
- SMF102_QW0188
- SMF102_QW0190
- SMF102_QW0191
- SMF102_QW0192
- SMF102_QW0193
- SMF102_QW0194
- SMF102_QW0195
- SMF102_QW0196
- SMF102_QW0196HE
- SMF102_QW0197
- SMF102_QW0198
- SMF102_QW0199
- SMF102_QW0199HE
- SMF102_QW0201
- SMF102_QW0203
- SMF102_QW0204
- SMF102_QW0205
- SMF102_QW0206
- SMF102_QW0207
- SMF102_QW0208
- SMF102_QW0209
- SMF102_QW0210
- SMF102_QW0211
- SMF102_QW0212
- SMF102_QW0213
- SMF102_QW0214
- SMF102_QW0215
- SMF102_QW0216
- SMF102_QW0217
- SMF102_QW02172

- SMF102_QW02173
- SMF102_QW02174
- SMF102_QW0218
- SMF102_QW0219
- SMF102_QW0220
- SMF102_QW0221
- SMF102_QW0221C
- SMF102_QW0221CD
- SMF102_QW0221D
- SMF102_QW0222
- SMF102_QW0222N
- SMF102_QW0223
- SMF102_QW0224
- SMF102_QW0225
- SMF102_QW02252
- SMF102_QW02253
- SMF102_QW02254
- SMF102_QW02255
- SMF102_QW02256
- SMF102_QW0226
- SMF102_QW0227
- SMF102_QW0228
- SMF102_QW0229
- SMF102_QW0231
- SMF102_QW0231N
- SMF102_QW0232
- SMF102_QW0233
- SMF102_QW0234
- SMF102_QW02342
- SMF102_QW0235
- SMF102_QW0236
- SMF102_QW0237
- SMF102_QW02381
- SMF102_QW02382
- SMF102_QW02383
- SMF102_QW0240
- SMF102_QW0241
- SMF102_QW0242
- SMF102_QW0243
- SMF102_QW0247
- SMF102_QW0247A
- SMF102_QW0247B
- SMF102_QW0248
- SMF102_QW0248A
- SMF102_QW0248B
- SMF102_QW0249
- SMF102_QW0250CN
- SMF102_QW0250DS
- SMF102_QW0250HE
- SMF102_QW0250X
- SMF102_QW0250Z
- SMF102_QW0251
- SMF102_QW0252
- SMF102_QW0254
- SMF102_QW0255
- SMF102_QW0256
- SMF102_QW0257D1
- SMF102_QW0257D2
- SMF102_QW0258
- SMF102_QW0259
- SMF102_QW0260
- SMF102_QW0261
- SMF102_QW0262
- SMF102_QW0263
- SMF102_QW0264
- SMF102_QW0265
- SMF102_QW0266
- SMF102_QW0267
- SMF102_QW0268
- SMF102_QW0269
- SMF102_QW0269AD_D
- SMF102_QW0269EC_D
- SMF102_QW0269JN_D
- SMF102_QW0269PR_D
- SMF102_QW0269RA_D
- SMF102_QW0269RC_D
- SMF102_QW0269RN_D
- SMF102_QW0269RU_D
- SMF102_QW0269SA_D
- SMF102_QW0269SR_D

- SMF102_QW0269TC_D
- SMF102_QW0270
- SMF102_QW0271
- SMF102_QW0272
- SMF102_QW0273
- SMF102_QW0274
- SMF102_QW0275
- SMF102_QW0276
- SMF102_QW0277
- SMF102_QW0278
- SMF102_QW0305
- SMF102_QW0306
- SMF102_QW0306L
- SMF102_QW0306OF
- SMF102_QW0311
- SMF102_QW0313
- SMF102_QW0314
- SMF102_QW0314A
- SMF102_QW0314B
- SMF102_QW0314C
- SMF102_QW0314DX
- SMF102_QW0314L
- SMF102_QW0314M
- SMF102_QW0314N
- SMF102_QW0314O
- SMF102_QW0314R
- SMF102_QW0314R1
- SMF102_QW0314R2
- SMF102_QW0314S
- SMF102_QW0314U
- SMF102_QW0316
- SMF102_QW0316_STBLGRP_D
- SMF102_QW0316ANM_D
- SMF102_QW03162
- SMF102_QW0317
- SMF102_QW03172
- SMF102_QW0319
- SMF102_QW0321
- SMF102_QW0322
- SMF102_QW0324
- SMF102_QW0324F
- SMF102_QW0325
- SMF102_QW0326
- SMF102_QW0327
- SMF102_QW0329
- SMF102_QW0330
- SMF102_QW0331
- SMF102_QW0332
- SMF102_QW0333
- SMF102_QW0334
- SMF102_QW0335
- SMF102_QW0336
- SMF102_QW0337
- SMF102_QW0340
- SMF102_QW0341
- SMF102_QW0342
- SMF102_QW0343
- SMF102_QW0344
- SMF102_QW0345
- SMF102_QW0346
- SMF102_QW0350
- SMF102_QW0351
- SMF102_QW0352
- SMF102_QW0353
- SMF102_QW0354
- SMF102_QW0355
- SMF102_QW0356
- SMF102_QW0356A
- SMF102_QW0356B
- SMF102_QW0357
- SMF102_QW0358
- SMF102_QW0359
- SMF102_QW0360
- SMF102_QW0361
- SMF102_QW0361ID_D
- SMF102_QW0361ON_D
- SMF102_QW0361SC_D
- SMF102_QW0361SN_D
- SMF102_QW0361TC_D
- SMF102_QW0361TN_D

- SMF102_QW0362
- SMF102_QW0362AP_D
- SMF102_QW0362CO_D
- SMF102_QW0362DA_D
- SMF102_QW0362SA_D
- SMF102_QW0362TB_D
- SMF102_QW0362TN_D
- SMF102_QW0362TS_D
- SMF102_QW0363
- SMF102_QW0363E
- SMF102_QW0363LN_D
- SMF102_QW0363PC_D
- SMF102_QW0363PN_D
- SMF102_QW0364
- SMF102_QW0365HE
- SMF102_QW0367
- SMF102_QW0369_1
- SMF102_QW0369_2
- SMF102_QW0370
- SMF102_QW0371
- SMF102_QW0372
- SMF102_QW0373
- SMF102_QW0374
- SMF102_QW0374F1_D
- SMF102_QW0374F2_D
- SMF102_QW0374F3_D
- SMF102_QW0375
- SMF102_QW0376
- SMF102_QW0376INC_D
- SMF102_QW0376PC_D
- SMF102_QW0376PN_D
- SMF102_QW0376PR_D
- SMF102_QW0376SC_D
- SMF102_QW0376SQL_D
- SMF102_QW0377
- SMF102_QW0378
- SMF102_QW0379
- SMF102_QW0380
- SMF102_QW0382
- SMF102_QW0383
- SMF102_QW0384
- SMF102_QW0385
- SMF102_QW0386
- SMF102_QW0387
- SMF102_QW0387F1_D
- SMF102_QW0389
- SMF102_QW0390
- SMF102_QW0390PC_D
- SMF102_QW0390PK_D
- SMF102_QW0390PN_D
- SMF102_QW0390PR_D
- SMF102_QW0390SC_D
- SMF102_QW0391
- SMF102_QW0397
- SMF102_QW0398
- SMF102_QW0399
- SMF102_QW0401
- SMF102_QW0401ANM_D
- SMF102_QW0401CL_D
- SMF102_QW0401PK_D
- SMF102_QW04012
- SMF102_QW0402
- SMF102_QW0404
- SMF102_QW0404F1_D
- SMF102_QW0404F2_D
- SMF102_QW0404F3_D
- SMF102_QW0406
- SMF102_QW0413
- SMF102_QW0414
- SMF102_QW0477
- SMF102_QW0499
- SMF102_QW04992
- SMF102_Resource_Limit
- SMF102_REGA
- SMF102_REGC
- SMF102_REGO
- SMF102_System_Parameter
- SMF102_SADM
- SMF102_SECA1
- SMF102_SECA2

- SMF102_SPRM
- SMF102_WT0_Triplets

Primary segment: **SMF102_DB2_Performance**

Field Name	Type	Len	Description
<i>SMF102_DB2_Performance.<fieldname></i>			
SMF102_DB2_Performance.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM102FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SM102RTY) Record type 102 (X'66').
zTME	TSTMP	8	(IBM name: SM102TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM102SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SM102SSI) Subsystem Id.
zSTY	INT	2	(IBM name: N/A) Record Subtype
zBUF	CHAR	4	(IBM name: SM102BUF) Reserved.
zPSO	INT	4	(IBM name: SM102PSO) Offset to product section from start of record, including the record descriptor word (RDW).
zPSL	INT	2	(IBM name: SM102PSL) Length of product section.
zPSN	INT	2	(IBM name: SM102PSN) Number of product sections.
SMF102_DB2_Performance.Header_Self_defining_Section.zDATA.<fieldname>			
zDSO	INT	4	(IBM name: SM102DSO) Offset to product section from start of record, including the record descriptor word (RDW).
zDSL	INT	2	(IBM name: SM102DSL) Length of product section.
zDSN	INT	2	(IBM name: SM102DSN) Number of product sections.

Secondary segment: **SMF102_Prod_Standard**

Field Name	Type	Len	Description
<i>SMF102_Prod_Standard.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHSTYP) HEADER TYPE: 1 = STANDARD HEADER
zTYPTxt	INT (ENUM)	1	(IBM name: QWHSTYPTxt) Header Type expanded description.
zRMID	INT	1	(IBM name: QWHSRMID) RESOURCE MANAGER ID (RMID). SEE BEGINNING OF FILE FOR A

			LIST OF RMIDS.
zIID	INT	2	(IBM name: QWHSIID) IFCID.
zIFCID	INT	2	(IBM name: QWHSIFCID) IFCID. Alternate name for zIID.
zIFCIDText	INT (ENUM)	2	IFCID Codes expanded description.
zNSDA	INT	1	(IBM name: QWHSNSDA) NUMBER OF SELF-DEFINING AREAS.
zRN	HEX	1	(IBM name: QWHSRN) RELEASE INDICATOR NUMBER IN HEXADECIMAL.
zACE	HEX	4	(IBM name: QWHSACE) AGENT CONTROL ELEMENT (ACE) OF THE THREAD THAT WAS USED WHEN THIS RECORD WAS WRITTEN. AN ACE IS AN IDENTIFIER THAT IS UNIQUE TO A GIVEN THREAD FOR THE LIFE OF THE THREAD. USING THE ACE VALUES, IT IS POSSIBLE TO SEPARATE OUT TRACE RECORDS FROM CONCURRENT UNRELATED THREADS. WHEN A THREAD IS TERMINATED, THE ACE VALUE IS FREED AND CAN BE USED LATER BY A SUBSEQUENT THREAD. THERE ARE TIMES WHEN AN ACE VALUE IN THE DATA INDICATES THAT THE FUNCTION PERFORMED UNDER THE ACE IN QWHSACE IS ACTUALLY BEING PERFORMED ON BEHALF OF ANOTHER ACE, AS INDICATED BY THE ACE VALUE IN THE DATA SECTION. AN EXAMPLE OF THIS IS WHEN A SEQUENTIAL PREFETCH READ IS DONE BY A DB2 SERVICE TASK ON BEHALF OF A THREAD.
zSSID	CHAR	4	(IBM name: QWHSSSID) SUBSYSTEM NAME.
zSTCK	TSTMP	8	(IBM name: QWHSSTCK) STORE CLOCK VALUE OF HEADER. FOR DATA SHARING, THIS IS THE SYSPLEX TIMER VALUE.
zISEQ	INT	4	(IBM name: QWHSISEQ) SEQUENCE NUMBER FOR THE IFCID. THIS FIELD CONTAINS THE NUMBER OF TIMES THE TRACE RECORD WAS WRITTEN. WHEN MONITOR TRACE CLASS 1 IS ACTIVE, QWHSISEQ IN IFCIDS 0001 AND 0002 IS NOT INCREMENTED FOR READS REQUESTS OF IFCIDS 0001 AND 0002.
zWSEQ	INT	4	(IBM name: QWHSWSEQ) SEQUENCE NUMBER FOR DESTINATION. THE FOLLOWING SEQUENCE NUMBER IS UNIQUE WITHIN A SINGLE DB2 SUBSYSTEM INSTANCE AND IS INITIALIZED TO ZERO ON RESTART OF DB2. BECAUSE OF MULTIPROCESSING CONSIDERATIONS THE NUMBERS MIGHT NOT ALWAYS BE IN ASCENDING ORDER.
zMTN	INT	4	(IBM name: QWHSMTN) ACTIVE TRACE NUMBER MASK.
zLOCN	CHAR	16	(IBM name: QWHSLOCN) %U LOCAL LOCATION NAME. %U IF QWHSLOCN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNID	CHAR	8	(IBM name: QWHSNID) FIRST PART OF NETWORK NAME (SEE QWHSWLID).
zLUNM	CHAR	8	(IBM name: QWHSLUNM) SECOND PART OF NETWORK NAME (SEE QWHSWLID).
zLUUV	HEX	6	(IBM name: QWHSLUUV) INSTANCE NUMBER. DISPLAYED AS 12 HEX CHARACTERS. WHEN CONCATENATED WITH THE FULLY QUALIFIED NETWORK NAME, IT UNIQUELY IDENTIFIES A DISTRIBUTED THREAD. (THOUGH THIS FIELD MAY APPEAR TO BE A TIMESTAMP, IT IS NOT TO BE PROCESSED AS ONE. FOR MORE INFORMATION SEE THE -DISPLAY THREAD COMMAND IN COMMAND REFERENCE.
zLUCC	INT	2	(IBM name: QWHSLUCC) LUW SEQUENCE NUMBER. THIS IDENTIFIES THE LAST COMMIT SCOPE IN WHICH THE LOGICAL UNIT PARTICIPATED. THIS NUMBER IS INCREMENTED WHENEVER A THREAD COMMITS OR IS ROLLED BACK.
zFLAG	HEX	1	

			(IBM name: QWHSFLAG) FLAGS:
zLOCN_Off	INT	2	(IBM name: QWHSLOCN_Off) IF QWHSLOCN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHS TO QWHSLOCN_LEN.
zSUBV	INT	2	(IBM name: QWHSUBV) THE SUB-VERSION FOR THE BASE RELEASE.
zSID	CHAR	4	(IBM name: QWHSID) THE MVS SYSTEM ID (SID).
z_MOD_LVL	CHAR	10	(IBM name: QWHS_MOD_LVL) %U MODIFICATION LEVEL FOR CONTINUOUS DELIVERY, IN THE FORMAT VxxxRyMzzz.
z_REC_INCOMPAT	INT	2	(IBM name: QWHS_REC_INCOMPAT) INCOMPATIBLE CHANGE VALUE. THIS VALUE IS INCREMENTED EVERY TIME THAT AN INCOMPATIBLE TRACE RECORD CHANGE OCCURS. EXAMPLES OF INCOMPATIBLE CHANGES ARE: - THE SIZE OF AN EXISTING FIELD IN A RECORD CHANGES. - A FIELD IN A RECORD IS REMOVED, AND THE OFFSETS TO OTHER FIELDS IN THE RECORD CHANGE.
z_REC_COMPAT	INT	2	(IBM name: QWHS_REC_COMPAT) COMPATIBLE CHANGE VALUE. THIS VALUE IS INCREMENTED EVERY TIME THAT A COMPATIBLE TRACE RECORD CHANGE OCCURS. EXAMPLES OF COMPATIBLE CHANGES ARE: - A NEW FIELD IS ADDED IN A FORMERLY RESERVED AREA. - AN EXISTING FIELD IS NO LONGER SET. - THE SIZE OF A RECORD IS INCREASED, AND A FIELD IS ADDED IN THE NEW AREA OF THE RECORD.

Secondary segment: SMF102_Prod_Correlation

Field Name	Type	Len	Description
<i>SMF102_Prod_Correlation.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHCLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHCTYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHCTYPTText) Header Type expanded description.
zAID	CHAR	8	(IBM name: QWHCAID) %U PRIMARY AUTHORIZATION ID FROM CONNECTION OR SIGNON. %U FOR z/OS OPERATOR COMMANDS AND DB2 SYSTEM INTERNAL %U AGENTS, THE VALUE IS SYSOPR. %U SECONDARY AUTHORIZATION IDS MIGHT BE THE RACF GROUPS %U ASSOCIATED WITH THIS PRIMARY AUTHORIZATION ID. %U THE SQL ID IS INITIALLY SET TO THIS PRIMARY %U AUTHORIZATION ID. THE CONNECTION AUTHORIZATION EXIT %U AND THE SIGNON AUTHORIZATION EXIT CAN CHANGE THE PRIMARY %U AUTHORIZATION ID SO THAT IT IS NOT THE SAME AS THE %U ORIGINAL PRIMARY AUTHORIZATION ID (QWHCOPID). %U DISTRIBUTED AUTHORIZATION ID TRANSLATION CAN ALSO %U CHANGE THE PRIMARY AUTHORIZATION ID. %U IF QWHCAID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCV	CHAR	12	(IBM name: QWHCCV) CORRELATION ID VALUE: FOR BATCH: JOBNAME FOR TSO: LOGON-ID FOR IMS/VS: PST#.PSBNAME FOR CICS: CONNECTION_TYPE.THREAD_TYPE.THREAD#.TRAN-ID FOR RRSF: CORRELATION-ID VALUE FROM SIGNON FUNCTION FOR THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CORRELATION-ID NAME OF THE THREAD AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER, THIS FIELD CONTAINS THE FIRST 12 CHARACTERS IN THE DDM EXTERNAL NAME (EXTNAM) PARAMETER OF THE DDM EXCSAT COMMAND RECEIVED AS PART OF THE SQL CONNECT.

zCN	CHAR	8	(IBM name: QWHCCN) CONNECTION NAME: NOT VALID ON END OF MEMORY AND REFLECTS THE z/OS HOME ASID CONNECTION NAME. FOR BATCH: 'BATCH' FOR TSO: 'TSO' FOR QMF: 'DB2CALL' FOR UTILITY: 'UTILITY' FOR DB2 INTERNAL: DB2 SUBSYSTEM ID FOR IMS: IMS-ID FOR CICS: CICS-ID FOR RRSF: 'RRSAF' FOR DISTRIBUTED DATABASE ACCESS THREADS: FOR THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CONNECTION NAME OF THE THREAD AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER, THIS FIELD CONTAINS THE CONSTANT 'SERVER'.
zPLAN	CHAR	8	(IBM name: QWHCPLAN) PLAN NAME. BLANK FOR DB2 COMMAND THREAD; OTHERWISE: FOR SPUFI WITH CURSOR STABILITY: 'DSNESPCS' FOR SPUFI WITH REPEATABLE READ: 'DSNESPRR' FOR TSO: APPLICATION PLAN NAME FOR IMS: APPLICATION PLAN NAME FOR CICS: APPLICATION PLAN NAME IMS AND CICS COMMANDS HAVE A BLANK PLAN NAME. FOR RRSF CREATE THREAD WITH THE COLLECTION PARAMETER: '?RRSAF ' FOR QMF: 'DSQPLAN' FOR DISTRIBUTED DATABASE ACCESS THREADS: FOR THREADS USING THE DRDA PROTOCOL FROM A REQUESTER, THIS FIELD CONTAINS THE PLAN NAME BEING EXECUTED AT THE REQUESTING LOCATION. FOR THREADS USING THE DRDA PROTOCOL FROM A NON-DB2 REQUESTER OR FROM A DB2 2.3 REQUESTER, THIS FIELD CONTAINS THE CONSTANT 'DISTSERV'. FOR BINDING: 'DSNBIND' (SYSTEM PLAN) FOR UTILITY: 'DSNUTIL ' (SYSTEM PLAN) FOR AUTHORIZATION: 'ACT' + X'0000000000' (SYSTEM PLAN) FOR UNALLOCATED THREADS AND MISCELLANEOUS DB2 SYSTEM SERVICE TASKS: 'BCT' + X'0000000000' (SYSTEM PLAN) FOR STARTUP: 'STARTCT' + X'00' (SYSTEM PLAN)
zOPID	CHAR	8	(IBM name: QWHCOPID) %U INITIAL PRIMARY AUTHORIZATION ID. %U FOR TSO: LOGON-ID %U FOR BATCH: USER-ID ON JOB STATEMENT %U FOR RRSF: %U - IF THE FOLLOWING CONDITIONS ARE TRUE: %U - THE SYSTEM AUTHORIZATION FACILITY (SAF) AND A %U SECURITY PRODUCT, SUCH AS RACF, IS USED %U - THERE IS AN ACEE ASSOCIATED WITH THE JOB STEP TCB %U OR WITH THE ASXB %U - THE FIRST 7 CHARACTERS OF THE JOB STEP USER ID %U MATCH THE FIRST 7 CHARACTERS OF THE VALUE IN %U ACEEUSRI. RRSF USES THE VALUE IN ACEEUSRI AS THE %U INITIAL PRIMARY AUTHORIZATION ID. %U - IF ANY OF THE ABOVE CONDITIONS ARE NOT TRUE, THEN %U THE INITIAL PRIMARY AUTHORIZATION ID IS THE VALUE %U IN ASXBUSER. %U FOR IMS (MESSAGE-DRIVEN REGIONS): SIGNON-ID, LTERM, %U ASXBUSR, OR PSB NAME. %U FOR IMS (CONTROL REGIONS): USER-ID ON JOB STATEMENT, %U OR RACF, STARTED PROCEDURE ENTRY IF RACF IS USED. %U FOR CICS: USERID, OPID, GROUP, SIGN, OR TERM, OR TX, AS %U SPECIFIED IN THE DB2ENTRY RESOURCE DEFINITION. %U FOR z/OS OPERATOR COMMANDS AND DB2 SYSTEM INTERNAL %U AGENTS: = 'SYSOPR'. %U FOR A DISTRIBUTED APPLICATION SERVER (AS): %U IF THE APPLICATION REQUESTER (AR) IS A DB2 SYSTEM, %U THIS IS THE SAME VALUE THAT WAS ASSIGNED AT THE AR. %U IF THE APPLICATION REQUESTER IS NOT A DB2 SYSTEM, %U THIS IS THE USER ID THAT WAS USED TO MAKE THE INITIAL %U CONNECTION WITH THE APPLICATION SERVER. %U THE USER ID IS OBTAINED IN ONE OF THE %U FOLLOWING WAYS: %U - PASSED BY THE REQUESTER IN THE ALLOCATE %U CONVERSATION FLOW (FMH5) %U - PASSED BY THE REQUESTER IN THE DRDA SECURITY %U FLOW %U - DERIVED BY THE SERVER FROM THE RACF PASSTICKET %U - PROVIDED BY THE REQUESTER IN THE DRDA SECURITY %U FLOW %U IF QWHCOPID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zATYP	INT	4	(IBM name: QWHCATYP) CONNECTING SYSTEM TYPE CODE (IN HEXADECIMAL); THIS FIELD CAN HAVE A NULL VALUE. FOR EXAMPLE, THIS FIELD CONTAINS A NULL VALUE FOR SOME UTILITIES.
zATYPText	INT (ENUM)	4	(IBM name: QWHCATYPText) Connecting System Type expanded description.
zTOKEN	CHAR	22	(IBM name: QWHCTOKN) ACCOUNTING CORRELATION TOKEN. THIS FIELD APPLIES TO THE CICS ATTACHMENT FACILITY, RRSF, AND DATABASE ACCESS THREADS. YOU CAN USE THIS TOKEN TO CORRELATE DB2 IFC RECORDS TO CICS RECORDS FOR THAT CICS TRANSACTION. CICS GENERATES AN LU6.2 UNIT OF WORK ID FOR EVERY CICS TASK, INCLUDING BOTH TERMINAL AND NON-TERMINAL DRIVEN TASKS. IF

			ACCOUNTREC IS UOW OR TASK IN THE DB2CONN OR DB2ENTRY DEFINITIONS, THE CICS LUWID MINUS THE COMMIT COUNT (TWO BYTES) IS PASSED INTO THIS FIELD. THE FIRST EIGHT BYTES ARE THE NETWORK NAME. FOR CICS, THIS IS A VARIABLE-LENGTH FIELD. THE FIRST EIGHT BYTES ARE PADDED ON THE RIGHT WITH BLANKS. THE NEXT EIGHT BYTES ARE THE LUNAME. THIS IS ALSO A VARIABLE-LENGTH FIELD IN CICS. THE FIRST EIGHT BYTES ARE PADDED ON THE RIGHT WITH BLANKS AS NECESSARY. THE FINAL SIX BYTES ARE THE UNIQUENESS VALUE. DB2 ALSO CREATES AN LU6.2 LUWID FOR EVERY THREAD. SEE FIELD QWHSLWID. QWHCTOKN DOES NOT CONTAIN THE SAME LUWID AS QWHSLWID. FOR MORE INFORMATION, SEE THE CICS DB2 GUIDE. FOR RRSF, THIS IS THE VALUE OF PARAMETER ACCOUNTING-TOKEN IN THE RRSF SIGNON OR AUTH SIGNON FUNCTION. THIS VALUE IS GENERATED BY THE USER, AND DB2 DOES NOT INSPECT IT. FOR DATABASE ACCESS THREADS, THIS IS THE VALUE THAT IS RECEIVED FROM THE REQUESTER SYSTEM. THIS ACCOUNTING VALUE IS DETERMINED FROM THE FIRST 22 BYTES OF THE CORRELATION TOKEN (CRRTKN) VALUE OF THE ACCESS RELATIONAL DATABASE (ACCRDB) COMMAND RECEIVED FROM THE REQUESTER SYSTEM DURING CONNECT PROCESSING.
zEUID	CHAR	16	(IBM name: QWHCEUID) THE END USER'S WORK STATION USER ID. THIS CAN BE DIFFERENT FROM THE AUTHORIZATION ID USED TO CONNECT TO DB2. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION. IF QWHCEUID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zEUTX	CHAR	32	(IBM name: QWHCEUTX) THE TRANSACTION OR APPLICATION NAME THAT THE END USER IS RUNNING. THIS IDENTIFIES THE APPLICATION THAT IS CURRENTLY RUNNING, NOT THE PRODUCT THAT IS USED TO RUN THE APPLICATION. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
zEUWN	CHAR	18	(IBM name: QWHCEUWN) THE END USER'S WORKSTATION NAME. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
zAID_Off	INT	2	(IBM name: QWHCAID_Off) IF QWHCAID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCAID_LEN.
zOPID_Off	INT	2	(IBM name: QWHCOPID_Off) IF QWHCOPID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCOPID_LEN.
zEUID_Off	INT	2	(IBM name: QWHCEUID_Off) IF QWHCEUID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHC TO QWHCEUID_LEN.
zTCXT_Off	INT	2	(IBM name: QWHCTCXT_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE TRUSTED CONTEXT NAME, IF THE APPLICATION IS RUNNING IN A TRUSTED CONTEXT.
zROLE_Off	INT	2	(IBM name: QWHCROLE_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE ROLE NAME THAT IS ASSOCIATED WITH THE AUTHORIZATION ID, IF THE APPLICATION IS RUNNING IN A TRUSTED CONTEXT.
zOAU Off	INT	2	(IBM name: QWHCOAUD_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE ORIGINAL APPLICATION USER ID.
zCTKN_Off	INT	2	(IBM name: QWHCCTKN_Off) OFFSET FROM THE BEGINNING OF QWHC TO THE CORRELATION TOKEN.
zAACE	CHAR	8	(IBM name: QWHCAACE) IF THIS RECORD IS WRITTEN WITHIN AN ACCOUNTING INTERVAL, THE VALUE OF THIS FIELD IS THE AGE OF THE AGENT THAT INITIATED THE ACCOUNTING INTERVAL. IF THIS RECORD IS WRITTEN OUTSIDE AN ACCOUNTING INTERVAL, THE VALUE OF THIS FIELD IS 0. FOR NON-ROLLUP RECORDS, THIS FIELD CAN BE USED WITH QWHSACE TO CORRELATE AN IFCID 0003 RECORD TO AN ACCOUNTING INTERVAL. FOR DDF OR RRSF ROLLUP RECORDS, THIS FIELD CAN BE USED WITH QWARACE TO CORRELATE AN IFCID 0003 RECORD TO AN ACCOUNTING INTERVAL.

zEUTX_Off	INT	2	(IBM name: QWHCEUTX_Off) IF QWHCEUTX IS TRUNCATED, THE OFFSET FROM THE BEGINNING OF QWHC TO THE TRANSACTION OR APPLICATION NAME THAT THE END USER IS RUNNING.
zEUWN_Off	INT	2	(IBM name: QWHCEUWN_Off) IF QWHCEUWN IS TRUNCATED, THE OFFSET FROM THE BEGINNING OF QWHC TO THE WORKSTATION NAME FOR THE END USER.
zJOBSTEP	CHAR	8	(IBM name: QWHCJOBSTEP) IF THE THREAD THAT IS CURRENTLY RUNNING IS A TCB, THIS VALUE IS THE STEP NAME IN THE JCL THAT IS RUNNING THE BATCH JOB.

Secondary segment: SMF102_Prod_Trace

Field Name	Type	Len	Description
<i>SMF102_Prod_Trace.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHTLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHTTYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHTTYPTText) Header Type expanded description.
zFLG0	HEX	1	(IBM name: QWHTFLG0) FLAGS: X'20' ON - DATA USES ALET TOKEN
zTID	INT	2	(IBM name: QWHTTID) ID OF AN EVENT REPORTED BY THE DSNWTRC MACRO.
zTAG	HEX	1	(IBM name: QWHTTAG) TAG THAT DESCRIBES THE EVENT TYPE.
zFUNC	HEX	1	(IBM name: QWHTFUNC) RESERVED.
zEB	HEX	4	(IBM name: QWHTEB) EXECUTION BLOCK ADDRESS.
zPASI	INT	2	(IBM name: QWHTPASI) PRIMARY ADDRESS SPACE ID.
zR14A	INT	2	(IBM name: QWHTR14A) REGISTER 14 ADDRESS SPACE ID (ASID).
zR14	INT	4	(IBM name: QWHTR14) REGISTER 14.
zR15	INT	4	(IBM name: QWHTR15) REGISTER 15.
zR0	INT	4	(IBM name: QWHTR0) REGISTER 0.
zR1	INT	4	(IBM name: QWHTR1) REGISTER 1.
zEXU	HEX	4	(IBM name: QWHTEXU) ADDRESS OF z/OS EXECUTION UNIT.
zDIM	INT	2	(IBM name: QWHTDIM) NUMBER OF DATA ITEMS.
zHASI	INT	2	(IBM name: QWHTHASI) HOME ADDRESS SPACE ID (ASID).
zFUNCG	INT	2	(IBM name: QWHTFUNCG) TRACE FUNCTION THAT IS SET BY THE DSNWTRC MACRO.
zDATA	HEX	4	(IBM name: QWHTDATA) ADDRESS OF THE DATA.

zFLAG	INT	2	(IBM name: QWHTFLAG) FLAGS IN THE TRACE LIST.
zDATL	INT	2	(IBM name: QWHTDATL) LENGTH OF THE DATA.
zALET	INT	4	(IBM name: QWHTALET) ALET TOKEN FOR DATA FIELD.

Secondary segment: **SMF102_Prod_CPU**

Field Name	Type	Len	Description
<i>SMF102_Prod_CPU.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHULEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHUTYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHUTYPTText) Header Type expanded description.
zCPU	TIME	8	(IBM name: QWHUCPU) CPU TIME OF THE CURRENTLY DISPATCHED EXECUTION UNIT (TCB OR SRB). THIS TIME INCLUDES CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. IF THIS FIELD CONTAINS ALL BINARY ZEROES, THE CPU TIME IS NOT AVAILABLE. A GIVEN ACE TOKEN MIGHT RUN UNDER ONE OR MORE z/OS DISPATCHABLE EXECUTION UNITS. THEREFORE, THE CPU TIME FOR A GIVEN ACE MIGHT DECREASE BETWEEN EVENTS.
zCNT	HEX	2	(IBM name: QWHUCNT) (S) COUNT FIELD RESERVED.
zSE	TIME	8	(IBM name: QWHUSE) CPU TIME OF THE CURRENTLY DISPATCHED EXECUTION UNIT TCB OR SRB) THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. A GIVEN ACE TOKEN MIGHT RUN UNDER ONE OR MORE z/OS DISPATCHABLE EXECUTION UNITS. THEREFORE, THE CPU TIME FOR A GIVEN ACE MIGHT DECREASE BETWEEN EVENTS.

Secondary segment: **SMF102_Prod_Distributed**

Field Name	Type	Len	Description
<i>SMF102_Prod_Distributed.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHDLEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHDTYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHDTYPTText) Header Type expanded description.
zRQNM	CHAR	16	(IBM name: QWHDRQNM) %U LOCATION NAME OF THE REQUESTER. THIS IS THE NAME %U BY WHICH DB2 KNOWS THE APPLICATION REQUESTER. THIS %U FIELD IS BLANK IF THE HEADER IS WRITTEN AT THE %U APPLICATION REQUESTER. THE LUNAME (FOR SNA), THE %U IP ADDRESS (FOR TCP/IP), AND THE LOCATION %U NAME OF REMOTE SYSTEMS IN THE NETWORK ARE LOCATED IN %U THE COMMUNICATIONS DATABASE. IF THE LOCATION NAME OF %U THE LOCAL SUBSYSTEM IS NOT IN THE COMMUNICATIONS %U DATABASE, YOU CAN FIND IT IN THE BOOTSTRAP DATA SET OR %U INSTALL PANEL DSNTIPR. IF THE THREAD IS A DISTRIBUTED %U ALLIED THREAD (THIS LOCATION IS THE REQUESTER) QWHDRQNM %U IS SET TO BLANKS. IF THE THREAD IS A

			DATABASE ACCESS %U THREAD (THIS LOCATION IS THE SERVER), QWHDRQNM IS THE %U NAME OF THE LOCATION THAT MADE THE REQUEST AND IS NOT %U THE SAME AS QWHSLOCN, LOCAL LOCATION NAME. FOR MORE %U INFORMATION, SEE SECTION 3 OF INSTALLATION GUIDE. %U IF QWHDRQNM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTSTP	HEX	8	(IBM name: QWHDTSTP) TIMESTAMP FOR DATABASE ACCESS THREAD (DBAT) TRACE RECORDS.
zSVNM	CHAR	16	(IBM name: QWHDSVNM) %U EXSCAT SRVNAM PARAMETER. %U IF THE RECORD IS WRITTEN AT THE APPLICATION REQUESTER %U SITE, THIS FIELD IS ZERO. %U IF THE RECORD IS WRITTEN AT THE APPLICATION SERVER SITE %U IF THE RECORD IS WRITTEN AT THE APPLICATION SERVER SITE %U FOR A REQUEST USING THE DRDA PROTOCOL, %U IT CONTAINS THE SRVNAM PARAMETER OF THE EXSCAT DDM %U COMMAND. THIS IS THE NAME BY WHICH THE APPLICATION %U REQUESTER WANTS TO BE KNOWN TO THE APPLICATION SERVER. %U IF THE APPLICATION REQUESTER IS A DB2 SYSTEM, THE %U SRVNAM PARAMETER IS THE SAME AS THE APPLICATION %U REQUESTER LOCATION NAME. %U IF QWHDSVNM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPRID	CHAR	8	(IBM name: QWHDPRID) ACCRDB PRDID PARAMETER. DDM COMMAND: ACCESS RELATIONAL DATABASE PRODUCT SPECIFIC ID. THE PRODUCT ID OF THE REQUESTER. THE VALUE IS ZERO IF THE RECORD IS WRITTEN AT THE APPLICATION REQUESTER LOCATION. THE FORMAT OF QWHDPRID IS PPPVVRM. PPP IS THE PRODUCT IDENTIFIER. POSSIBLE VALUES ARE: DSN DB2 UDB FOR z/OS. ARI DB2 UDB FOR VSE & VM. SQL DB2 UDB FOR LINUX, UNIX AND WINDOWS. JCC IBM DATA SERVER DRIVER FOR JDBC AND SQLJ. QSQ DB2 UDB FOR iSERIES. VV IS THE VERSION NUMBER. RR IS THE RELEASE NUMBER. M IS THE MODIFICATION LEVEL.
zRQNM_Off	INT	2	(IBM name: QWHDRQNM_Off) IF QWHDRQNM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHD TO QWHDRQNM_LEN.
zSVNM_Off	INT	2	(IBM name: QWHDSVNM_Off) IF QWHDSVNM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWHD TO QWHDSVNM_LEN.
zRQNM_Var	CHARVARYING	130	(IBM name: QWHDRQNM_Var) %U LOCATION NAME OF THE REQUESTER.
zSVNM_Var	CHARVARYING	130	(IBM name: QWHDSVNM_Var) %U SRVNAM PARAMETER OF DRDA EXCSAT COMMAND.

Secondary segment: SMF102_Prod_Data_Sharing

Field Name	Type	Len	Description
<i>SMF102_Prod_Data_Sharing.<fieldname></i>			
zLEN	INT	2	(IBM name: QWHALEN) LENGTH OF THE STANDARD HEADER.
zTYP	INT	1	(IBM name: QWHATYP) HEADER TYPE.
zTYPTText	INT (ENUM)	1	(IBM name: QWHATYPTText) Header Type expanded description.
zMEMN	CHAR	8	(IBM name: QWHAMEMN) DB2 MEMBER NAME WITHIN THE DB2 DATA SHARING GROUP.
zDSGN	CHAR	8	(IBM name: QWHADSGN) DB2 DATA SHARING GROUP NAME.

Secondary segment: SMF102_WT0_Triplets

Field Name	Type	Len	Description
<i>SMF102_WT0_Triplets.<fieldname></i>			
z2R1o	INT	4	
z2R1l	INT	2	
z2R1n	INT	2	
z2R2o	INT	4	
z2R2l	INT	2	
z2R2n	INT	2	
z2R3o	INT	4	
z2R3l	INT	2	
z2R3n	INT	2	
z2R4o	INT	4	
z2R4l	INT	2	
z2R4n	INT	2	
z2R5o	INT	4	
z2R5l	INT	2	
z2R5n	INT	2	
z2R6o	INT	4	
z2R6l	INT	2	
z2R6n	INT	2	
z2R7o	INT	4	
z2R7l	INT	2	
z2R7n	INT	2	
z2R8o	INT	4	
z2R8l	INT	2	
z2R8n	INT	2	
z2R9o	INT	4	
z2R9l	INT	2	
z2R9n	INT	2	
z2RAo	INT	4	
z2RAl	INT	2	
z2RAn	INT	2	
z2RBo	INT	4	
z2RBl	INT	2	
z2RBn	INT	2	

Secondary segment: SMF102_System_Parameter

Field Name	Type	Len	Description
<i>SMF102_System_Parameter.<fieldname></i>			
zSMRC	HEX	2	

			(IBM name: QWP1SMRC) ROUTE CODES -- (2 BYTES USED AS BITS 1-16). BIT MAP OF z/OS CONSOLE ROUTING CODES ASSIGNED TO MESSAGES THAT ARE NOT SOLICITED FROM A SPECIFIC CONSOLE. INSTALL PARAMETER: WTO ROUTE CODES ON PANEL DSNTIPI, OR ZPARAM NAME: ROUTCDE IN DSN6SYSP.
zTRSZ	INT	2	(IBM name: QWP1TRSZ) SIZE OF RESIDENT TRACE TABLE. INSTALL PARAMETER TRACE SIZE ON PANEL DSNTIPN, OR ZPARAM NAME: TRACTBL IN DSN6SYSP.
zTLSZ	INT	2	(IBM name: QWP1TLSZ) SIZE OF THE LOCAL TRACE TABLES IN MULTIPLES OF 4KB. ZPARAM NAME: TRACLOC IN DSN6SYSP
zLOGL	INT	4	(IBM name: QWP1LOGL) CHECKPOINT FREQUENCY WHEN QWP1LOGT='S'. THIS VALUE IS THE NUMBER OF LOG RECORDS OR THE NUMBER OF MINUTES BETWEEN CHECKPOINTS. INSTALL PARAMETER: MINUTES/CHECKPOINT OR RECORDS/CHECKPOINT ON PANEL DSNTIPL1. ZPARAM NAME: CHKFREQ IN DSN6SYSP.
zIDB	INT	2	(IBM name: QWP1IDB) MAXIMUM NUMBER OF CONCURRENT CONNECTIONS FROM BATCH JOBS AND UTILITIES. INSTALL PARAMETER MAX BATCH CONNECT ON PANEL DSNTIPE, OR ZPARAM NAME: IDBACK IN DSN6SYSP.
zIDF	INT	2	(IBM name: QWP1IDF) MAXIMUM NUMBER OF CONCURRENT CONNECTIONS FROM TSO FOREGROUND (QMF,DSN, DB2I,SPUFI). INSTALL PARAMETER: MAX TSO CONNECT ON PANEL DSNTIPE, OR ZPARAM NAME: IDFORE IN DSN6SYSP.
zCT	INT	2	(IBM name: QWP1CT) MAXIMUM NUMBER OF CONCURRENT ALLIED THREADS. THIS INCLUDES THREADS FOR IMS, CICS, TSO (FOREGROUND AND BATCH), RRSF, AND UTILITIES. INSTALL PARAMETER: MAX USERS ON PANEL DSNTIPE, OR ZPARAM NAME: CTHREAD IN DSN6SYSP.
zRMT	INT	2	(IBM name: QWP1RMT) MAXIMUM NUMBER OF DATABASE ACCESS THREADS THAT CAN BE ACTIVELY PROCESSING SQL REQUESTS. INSTALL PARAMETER: MAX REMOTE ACTIVE ON PANEL DSNTIPE, OR ZPARAM NAME: MAXDBAT IN DSN6SYSP.
zLVL	INT	2	(IBM name: QWP1LVL) (S)
zDTIM	INT	2	(IBM name: QWP1DTIM) TIME INTERVAL IN MINUTES BEFORE DB2 RESETS DATA SET STATISTICS COLLECTED FOR ONLINE PERFORMANCE MONITORS USING IFI READS REQUESTS FOR IFCID 0199. ZPARAM NAME: DSSTIME IN DSN6SYSP.
zDB1M	INT	4	(IBM name: QWP1DB1M) AMOUNT OF SPACE RESERVED FOR z/OS FUNCTIONS.
zCRIT	INT	4	(IBM name: QWP1CRIT) AMOUNT OF SPACE RESERVED FOR CRITICAL WORK THAT MUST BE COMPLETED.
zSOS	INT	4	(IBM name: QWP1SOS) AMOUNT OF SPACE ABOVE z/OS AND CRITICAL (QWP1DB1M + QWP1CRIT) THAT DB2 TRIES TO LEAVE AVAILABLE.
zSTIM	INT	2	(IBM name: QWP1STIM) TIME INTERVAL (IN MINUTES) BETWEEN STATISTICS COLLECTION. STATISTICS RECORDS ARE WRITTEN AT THE END OF THIS INTERVAL. INSTALL PARAMETER STATISTICS TIME ON PANEL DSNTIPN, OR ZPARAM NAME: STATIME IN DSN6SYSP.
zDBPR	CHAR	1	(IBM name: QWP1DBPR) DATABASE PROTOCOL FOR 3-PART NAMES. THE DEFAULT IS 'D', FOR DRDA PROTOCOL. ZPARAM NAME: DBPROTCL IN DSN6SYSP.

SMF102_System_Parameter.zFLAG.<fieldname>

zDONT	BIT	1	IF 1 INDICATE AUTO START RLF
zPROL	BIT	1	

			1 = ROLL UP PARALLEL TASK'S ACCT TRACE INTO ORIG TASK'S ACCT TRACE
z_Unicode	BIT	1	Trace %U IFC fields in Unicode
zVVC1	BIT	1	Use VSAM variable Control Interval for DB2-managed DS
zMESZ	BIT	1	Sliding 2ndy qtys
zSM89	BIT	1	Dtld measrd unit price trkng
zOLAC	BIT	1	OTC lic terms acceptd for this DB2

SMF102_System_Parameter.<fieldname>

zTRST	HEX	4	(IBM name: QWP1TRST) START TRACE OPTIONS FOR GLOBAL TRACE CLASSES (FOUR BYTES USED AS BITS 1-32): IF OPTION * IS DEFINED, ALL BITS ARE SET TO ONES. IF OPTION YES IS DEFINED, A DEFAULT OF CLASS=1,3,4 IS ASSUMED. IF OPTION NO IS DEFINED, THE BIT STRING CONSISTS OF ZEROS. IF ANY CLASS (1-32) IS DEFINED, NTH BIT IN THE STRING (FROM LEFT TO RIGHT) IS TURNED ON (THAT IS, SET TO 1). INSTALL PARAMETER TRACE AUTO START ON PANEL DSNTIPN, OR ZPARM: TRACSTR IN DSN6SYSP.
zSMFS	HEX	4	(IBM name: QWP1SMFS) SMF STATISTICS START OPTIONS (FOUR BYTES USED AS BITS 1-32). IF OPTION * IS DEFINED, ALL BITS ARE SET TO ONES. IF OPTION YES IS DEFINED, A DEFAULT OF CLASS=1 IS ASSUMED. IF OPTION NO IS DEFINED, THE BIT STRING CONSISTS OF ZEROS. IF ANY CLASS (1-32) IS DEFINED, NTH BIT IN THE STRING (FROM LEFT TO RIGHT) IS TURNED ON (THAT IS, SET TO 1). INSTALL PARAMETER SMF STATISTICS ON PANEL DSNTIPN, OR ZPARM: SMFSTAT IN DSN6SYSP.
zSMFA	HEX	4	(IBM name: QWP1SMFA) SMF ACCOUNTING START OPTIONS (FOUR BYTES USED AS BITS 1-32). IF OPTION * IS DEFINED, ALL BITS ARE SET TO ONES. IF OPTION YES IS DEFINED, A DEFAULT OF CLASS=1 IS ASSUMED. IF OPTION NO IS DEFINED, THE BIT STRING CONSISTS OF ZEROS. IF ANY CLASS (1-32) IS DEFINED, THE NTH BIT IN THE STRING (FROM LEFT TO RIGHT) IS TURNED ON (THAT IS, SET TO 1). ZPARM: SMFACCT IN DSN6SYSP.
zAUDT	HEX	4	(IBM name: QWP1AUDT) AUDIT TRACE START OPTIONS (FOUR BYTES USED AS BITS 1-32). IF OPTION * IS DEFINED, ALL BITS ARE SET TO ONES. IF OPTION YES IS DEFINED, A DEFAULT OF CLASS=1 IS ASSUMED. IF OPTION NO IS DEFINED, THE BIT STRING CONSISTS OF ZEROS. IF ANY CLASS (1-32) IS DEFINED, THE NTH BIT IN THE STRING (FROM LEFT TO RIGHT) IS TURNED ON (THAT IS, SET TO 1). ZPARM: AUDITST IN DSN6SYSP.
zRLFA	CHAR	8	(IBM name: QWP1RLFA) %U RESOURCE LIMIT SPECIFICATION TABLE AUTHORIZATION ID. %U ZPARM: RLFAUTH IN DSN6SYSP. %U IF QWP1RLFA_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zRLFT	CHAR	2	(IBM name: QWP1RLFT) RESOURCE LIMIT SPECIFICATION TABLE ID. ZPARM: RLFTBL IN DSN6SYSP.

SMF102_System_Parameter.zRLFR.<fieldname>

zRLF	BIT	1	IF 1 INDICATE AUTO START RLF
zRLFF	BIT	1	IF 1 INDICATE NOLIMIT (DYNAMIC)
zRLFU	BIT	1	IF 1 INDICATE NORUN (DYNAMIC)
zRLFFS	BIT	1	IF 1 INDICATE NOLIMIT (STATIC)
zRLFUS	BIT	1	IF 1 INDICATE NORUN (STATIC)
zRLFDNEN	BIT	1	1 when RLFENABLE=DYNAMIC or ALL
zRLFSTEN	BIT	1	1 when RLFENALBE=STATIC or ALL

SMF102_System_Parameter.<fieldname>

zRLFN	INT	4	(IBM name: QWP1RLFN) LIMIT IN CPU SERVICE UNITS (SU).
zMON	HEX	4	(IBM name: QWP1MON) MONITOR TRACING START OPTIONS (FOUR BYTES USED AS BITS 1-32). IF OPTION * IS DEFINED, ALL BITS ARE SET TO ONES. IF OPTION YES IS DEFINED, THE DEFAULT IS ASSUMED. IF OPTION NO IS DEFINED, THE BIT STRING CONSISTS OF ZEROS. IF ANY CLASS (1-32) IS DEFINED, THE NTH BIT IN THE STRING (FROM LEFT TO RIGHT) IS TURNED ON. INSTALL PARAMETER MONITOR TRACE ON PANEL DSNTIPN, OR ZPARM: MON IN DSN6SYSP.
zMONS	INT	4	(IBM name: QWP1MONS) MONITOR BUFFER SIZE. INSTALL PARAMETER MONITOR SIZE ON PANEL DSNTIPN, OR ZPARM: MONSIZE IN DSN6SYSP.
zFREQ	INT	2	(IBM name: QWP1FREQ) PSEUDO-CLOSE FREQUENCY. THIS VALUE LISTS THE NUMBER OF CHECKPOINTS A DATA SET THAT WAS NOT UPDATED MUST GO THROUGH BEFORE BEING SELECTED AS A PSEUDO-CLOSE CANDIDATE. ZPARM NAME: PCLOSEN IN DSN6SYSP.
zTMR	INT	2	(IBM name: QWP1TMR) PSEUDO-CLOSE TIMER. THIS VALUE LISTS THE AMOUNT OF TIME, IN MINUTES THAT MUST ELAPSE BEFORE A DATA SET CAN BE A CANDIDATE FOR PSEUDO-CLOSE. ZPARM NAME: PCLOSET IN DSN6SYSP.

SMF102_System_Parameter.zFLG2.<fieldname>

zCSMF	BIT	1	1=Compress DEST(SMF) trace records
zDCFS	BIT	1	1=During restart, attempt DM14 delete of CF structures, including the SCA, IRLM lock structures and allocated group buffer pools
zXRDI	BIT	1	1=Randomize XML doc IDs
zPFASY	BIT	1	PROFILE_AUTOSTART 1=YES

SMF102_System_Parameter.<fieldname>

zDFRQ	INT	2	(IBM name: QWP1DFRQ) NUMBER OF CHECKPOINTS BETWEEN UPDATES TO THE LEVEL ID OF A PAGE SET OR PARTITION.
zSPPN	CHAR	8	(IBM name: QWP1SPPN) NOT USED.
zSPAB	INT	2	(IBM name: QWP1SPAB) NUMBER OF ABENDS ALLOWED FOR DEL CF STRUCTS THIS LIMIT IS REACHED, DB2 STOPS THE STORED PROCEDURE AND REJECTS FURTHER REQUESTS. TO REMOVE THE STOPPED STATUS, ISSUE THE DB2 -START PROCEDURE COMMAND. INSTALLATION PARAMETER 'MAX ABEND COUNT' ON PANEL DSNTIPX, OR ZPARM NAME: STORMXAB IN DSN6SYSP.
zSPTO	INT	2	(IBM name: QWP1SPTO) TIMEOUT VALUE. THIS IS THE NUMBER OF SECONDS BEFORE DB2 STOPS WAITING FOR AN SQL CALL TO BE ASSIGNED TO ONE OF THE TCBS IN THE DB2 STORED PROCEDURES ADDRESS SPACE. IF THIS FIELD IS SET TO ZERO, THE REQUEST WAITS UNTIL A TCB BECOMES AVAILABLE AND IS NOT SUBJECT TO TIMEOUT. THIS FIELD CORRESPONDS TO FIELD TIMEOUT VALUE ON INSTALLATION PANEL DSNTIPX. ZPARM NAME: STORTIME IN DSN6SYSP.
zLVLC	CHAR	8	(IBM name: QWP1LVLC) (S)
zSCER	CHAR	1	(IBM name: QWP1SCER) DETERMINES THE CONTENTS OF THE ERROR MESSAGE RETURNED TO A NETWORK CLIENT WHEN A DDF CONNECTION REQUEST FAILS DUE TO A SECURITY ERROR. ALSO DETERMINES WHETHER DDF PERMITS A USER TO UPDATE A RACF PASSWORD USING THE DRDA CHANGE PASSWORD FUNCTION. 'Y' MEANS THAT 'Y' MEANS THAT A DETAILED ERROR CODE IS RETURNED, AND A USER CAN UPDATE THE PASSWORD USING THE DRDA FUNCTION. 'N' MEANS THAT A GENERIC ERROR CODE IS RETURNED, AND THE USER CANNOT UPDATE THE RACF PASSWORD USING A DRDA FUNCTION. THIS FIELD CORRESPONDS TO FIELD 'EXTENDED SECURITY' ON INSTALLATION PANEL DSNTIPR. ZPARM NAME:

			EXTSEC IN DSN6SYSP.
zURCK	INT	1	(IBM name: QWP1URCK) UR CHECKPOINT FREQUENCY. THIS IS THE NUMBER OF CHECKPOINTS TAKEN BEFORE DB2 DISPLAYS WARNING MESSAGES ABOUT UNCOMMITTED, INDOUBT, OR INFLIGHT URS. THIS FIELD CORRESPONDS TO FIELD 'UR CHECK FREQ' ON INSTALLATION PANEL DSNTIPN. ZPARAM NAME: URCHKTH IN DSN6SYSP.
zTBPL	CHAR	4	(IBM name: QWP1TBPL) DEFAULT 4KB BUFFER POOL FOR: - TABLE SPACES WITH A 4KB PAGE SIZE IN IMPLICITLY CREATED DATABASES - EXPLICITLY CREATED TABLE SPACES WITH A 4KB PAGE SIZE BUT NO BUFFERPOOL CLAUSE SPECIFIED IN THE CREATE TABLESPACE STATEMENT THIS FIELD CORRESPONDS TO FIELD 'DEFAULT 4-KB BUFFER POOL FOR USER DATA' ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: TBSBPOOL IN DSN6SYSP.
zLMBO	CHAR	4	(IBM name: QWP1LMBO) THIS FIELD SPECIFIES WHETHER DB2 POSTPONES SOME BACKWARD LOG PROCESSING DURING RESTART. THIS FIELD CORRESPONDS TO FIELD 'LIMIT BACKOUT' ON INSTALLATION PANEL DSNTIPN. ZPARAM NAME: LBACKOUT IN DSN6SYSP.
zBDUR	INT	1	(IBM name: QWP1BDUR) THE VALUE IN THIS FIELD MULTIPLIED BY THE VALUE IN FIELD QWP1URCK GIVES THE NUMBER OF LOG RECORDS PROCESSED DURING BACKWARD LOG PROCESSING WHEN THE VALUE OF QWP1LMBO IS A VALUE OTHER THAN NO. THIS FIELD CORRESPONDS TO FIELD 'BACKOUT DURATION' ON INSTALLATION PANEL DSNTIPN. ZPARAM NAME: BACKODUR IN DSN6SYSP.
zEXBR	INT	2	(IBM name: QWP1EXBR) THE MAXIMUM NUMBER OF EXTRA QUERY BLOCKS THAT DB2 CAN REQUEST FROM A REMOTE DRDA SERVER. THIS FIELD CORRESPONDS TO FIELD 'EXTRA BLOCKS REQ' ON INSTALLATION PANEL DSNTIP5. ZPARAM NAME: EXTRAREQ IN DSN6SYSP.
zEXBS	INT	2	(IBM name: QWP1EXBS) THE MAXIMUM NUMBER OF EXTRA QUERY BLOCKS THAT DB2 CAN RETURN TO A REMOTE DRDA REQUESTER. THIS FIELD CORRESPONDS TO FIELD 'EXTRA BLOCKS SRV' ON INSTALLATION PANEL DSNTIP5. ZPARAM NAME: EXTRASRV IN DSN6SYSP.
zLOGT	CHAR	1	(IBM name: QWP1LOGT) LOG CHECKPOINT TYPE. POSSIBLE VALUES ARE: 'S' = SINGLE: EITHER RECORDS OR MINUTES, AS SPECIFIED BY QWP1LOGT. 'B' = BOTH: BOTH RECORDS AND MINUTES, AS SPECIFIED BY QWP1LOGR AND QWP1LOGM. ZPARAM NAME: CHKTYPE IN DSN6SYSP.

SMF102_System_Parameter.zSYFL.<fieldname>

zSYNO	BIT	1	If 1, then SYNCVAL=NO specified
-------	-----	---	---------------------------------

SMF102_System_Parameter.<fieldname>

zSYNV	INT	4	(IBM name: QWP1SYNV) THE NUMBER OF MINUTES AFTER THE HOUR WITH WHICH DB2 STATISTICS RECORDING IS TO BE SYNCHRONIZED. THIS FIELD AND FIELD QWP1SYFL CORRESPOND TO FIELD 'STATISTICS SYNC' ON INSTALLATION PANEL DSNTIPN. ZPARAM NAME: SYNCVAL IN DSN6SYSP.
zLWCK	INT	4	(IBM name: QWP1LWCK) THE NUMBER OF LOG RECORDS WRITTEN BY AN UNCOMMITTED UNIT OF RECOVERY BEFORE DB2 ISSUES A WARNING MESSAGE TO THE CONSOLE. UNITS ARE KILOBYTES (44 IN THIS FIELD MEANS 44K). THE VALUE 0 MEANS THAT THE UR LOG WRITE CHECK IS NOT PERFORMED. THIS FIELD CORRESPONDS TO FIELD UR LOG WRITE CHECK ON INSTALLATION PANEL DSNTIPL. ZPARAM NAME: URLGWTH IN DSN6SYSP.
zLVS	INT	4	(IBM name: QWP1LVS) (S)
zCDB	INT	4	(IBM name: QWP1CDB) MAXIMUM NUMBER OF REMOTE CONNECTED THREADS. THE

			MAXIMUM IS SPECIFIED ON INSTALLATION PANEL DSNTIPE, 'MAX REMOTE CONNECTED' FIELD, OR ZPARAM NAME: CONDBAT IN DSN6SYSP. SEE INSTALLATION GUIDE FOR MORE INFORMATION.
zTSQT	INT	4	(IBM name: QWP1TSQT) DEFAULT PRIQTY AND SEQCTY VALUES IN KB FOR TABLE SPACES.
zIXQT	INT	4	(IBM name: QWP1IXQT) DEFAULT PRIQTY AND SEQCTY VALUES IN KB FOR INDEX SPACES.
zRLFA_Off	INT	2	(IBM name: QWP1RLFA_Off) IF QWP1RLFA IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP1 TO QWP1RLFA_LEN.
zACCU	INT	2	(IBM name: QWP1ACCU) INDICATES WHETHER TO ROLL UP ACCOUNTING DATA BY END USER FOR DDF OR RRSF THREADS. THIS VALUE CORRESPONDS TO FIELD DDF/RRSAF ACCUM ON INSTALLATION PANEL DSNTIPN. ZPARAM NAME: ACCUMACC IN DSN6SYSP.
zACID	INT	2	(IBM name: QWP1ACID) DETERMINES THE SUBSET OF END USER FIELDS BY WHICH ACCOUNTING DATA IS AGGREGATED. THE VALUES ARE: 0=END USER ID, TRANSACTION NAME, AND WORKSTATION NAME. 1=END USER ID. 2=END USER TRANSACTION NAME. 3=END USER WORKSTATION NAME. 4=END USER USER ID AND TRANSACTION NAME. 5=END USER USER ID AND WORKSTATION NAME. 6=END USER TRANSACTION NAME AND WORKSTATION NAME. THIS VALUE IS IGNORED IF THE VALUE OF ACCUMACC IS NO. THIS VALUE CORRESPONDS TO FIELD AGGREGATION FIELDS ON INSTALLATION PANEL DSNTIPN. ZPARAM NAME: ACCUMUID IN DSN6SYSP.
zXVS	INT	4	(IBM name: QWP1XVS) (S)
zMOFR	INT	4	(IBM name: QWP1MOFR) MAXIMUM NUMBER OF CONCURRENTLY OPEN DATA SETS FOR PROCESSING LOB FILE REFERENCES. THIS VALUE CORRESPONDS TO 'MAX OPEN FILE REFS' ON INSTALLATION PANEL DSNTIPE, OR ZPARAM NAME: MAXOFILR IN DSN6SYSP.
zIXPL	CHAR	6	(IBM name: QWP1IXPL) DEFAULT BUFFER POOL FOR USER INDEX SPACES. THIS FIELD CORRESPONDS TO FIELD 'DEFAULT BUFFER POOL FOR USER INDEXES' ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: IDXBPOOL IN DSN6SYSP.
zTP8	CHAR	5	(IBM name: QWP1TP8) DEFAULT 8KB BUFFER POOL FOR: - TABLE SPACES WITH A 8KB PAGE SIZE IN IMPLICITLY CREATED DATABASES - EXPLICITLY CREATED TABLE SPACES WITH A 8KB PAGE SIZE BUT NO BUFFERPOOL CLAUSE SPECIFIED IN THE CREATE TABLESPACE STATEMENT THIS FIELD CORRESPONDS TO FIELD 'DEFAULT 8-KB BUFFER POOL FOR USER DATA' ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: TSBP8K IN DSN6SYSP.
zTP16	CHAR	6	(IBM name: QWP1TP16) DEFAULT 16KB BUFFER POOL FOR: - TABLE SPACES WITH A 16KB PAGE SIZE IN IMPLICITLY CREATED DATABASES - EXPLICITLY CREATED TABLE SPACES WITH A 16KB PAGE SIZE BUT NO BUFFERPOOL CLAUSE SPECIFIED IN THE CREATE TABLESPACE STATEMENT THIS FIELD CORRESPONDS TO FIELD 'DEFAULT 16-KB BUFFER POOL FOR USER DATA' ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: TSBP16K IN DSN6SYSP.
zTP32	CHAR	6	(IBM name: QWP1TP32) DEFAULT 32KB BUFFER POOL FOR: - TABLE SPACES WITH A 32KB PAGE SIZE IN IMPLICITLY CREATED DATABASES - EXPLICITLY CREATED TABLE SPACES WITH A 32KB PAGE SIZE BUT NO BUFFERPOOL CLAUSE SPECIFIED IN THE CREATE TABLESPACE STATEMENT THIS FIELD CORRESPONDS TO FIELD 'DEFAULT 32-KB BUFFER POOL FOR USER DATA' ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: TSBP32K IN DSN6SYSP.

SMF102_System_Parameter.zIDBP.<fieldname>

zDIDS	BIT	1	Def DS when create imp TS/IS
zCITS	BIT	1	Use data comp for impl TSs

zTKMD	BIT	1	Use TRACKMOD for impl TSs
SMF102_System_Parameter.<fieldname>			
zWLME	CHAR	32	(IBM name: QWP1WLME) DEFAULT WLM ENVIRONMENT FOR USER-DEFINED FUNCTIONS AND STORED PROCEDURES. DB2 USES THIS VALUE WHEN THE USER DOES NOT SPECIFY THE WLM ENVIRONMENT IN A CREATE FUNCTION OR CREATE PROCEDURE STATEMENT. THIS FIELD CORRESPONDS TO FIELD WLM ENVIRONMENT ON INSTALLATION PANEL DSNTIPX. ZPARAM NAME: WLMENV IN DSN6SYSP.
zTPLB	CHAR	6	(IBM name: QWP1TPLB) NAME OF THE BUFFER POOL THAT IS USED FOR IMPLICITLY CREATED LOB TABLE SPACES. THIS FIELD CORRESPONDS TO FIELD DEFAULT BUFFER POOL FOR USER LOB DATA ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: TBSBPLOB IN DSN6SYSP.
zTPXM	CHAR	6	(IBM name: QWP1TPXM) NAME OF THE BUFFER POOL THAT IS USED FOR XML TABLE SPACES. THIS FIELD CORRESPONDS TO FIELD DEFAULT BUFFER POOL FOR USER XML DATA ON INSTALLATION PANEL DSNTIP1. ZPARAM NAME: TBSBPXML IN DSN6SYSP.
zDSSZ	INT	2	(IBM name: QWP1DSSZ) MAXIMUM DSSIZE IN GIGABYTES THAT DB2 USES FOR CREATING EACH PARTITION OF AN IMPLICITLY CREATED BASE TABLE SPACE. THIS FIELD CORRESPONDS TO FIELD 'DEFAULT DSSIZE' ON INSTALLATION PANEL DSNTIP7. ZPARAM NAME: IMPDSSIZE IN DSN6SPRM.
zDPSS	INT	2	(IBM name: QWP1DPSS) DEFAULT SEGMENT SIZE TO BE USED FOR A PARTITIONED TABLE SPACE WHEN THE CREATE TABLESPACE STATEMENT DOES NOT INCLUDE THE SEGSIZE PARAMETER. THIS FIELD CORRESPONDS TO FIELD 'DEFAULT PARTITION SEGSIZE' ON INSTALLATION PANEL DSNTIP7. ZPARAM NAME: DPSEGSZ IN DSN6SYSP.
zRLFNS	INT	4	(IBM name: QWP1RLFNS)\n
zLBIL	INT	2	(IBM name: QWP1LBIL) DEFAULT NUMBER OF BYTES OF A LOB THAT ARE STORED IN THE BASE TABLE. THIS FIELD CORRESPONDS TO FIELD LOB INLINE ON INSTALLATION PANEL DSNTIPD. ZPARAM NAME: LOB_INLINE_LENGTH IN DSN6SYSP.
zDXAC	CHAR	8	(IBM name: QWP1DXAC) DEFAULT ACCESS CONTROL EXIT MODULE NAME. THIS FIELD CORRESPONDS TO FIELD ACCESS CONTROL ON INSTALLATION PANEL DSNTIPO3. ZPARAM NAME: ACCESS_CNTL_MODULE IN DSN6SYSP.
zDATH	CHAR	8	(IBM name: QWP1DATH) DEFAULT IDENTIFY OR AUTHORIZATION EXIT MODULE NAME. THIS FIELD CORRESPONDS TO FIELD IDENTIFY/AUTH ON INSTALLATION PANEL DSNTIPO3. ZPARAM NAME: IDAUTH_MODULE IN DSN6SYSP.
zDSGN	CHAR	8	(IBM name: QWP1DSGN) DEFAULT SIGNON EXIT MODULE NAME. THIS FIELD CORRESPONDS TO FIELD SIGNON ON INSTALLATION PANEL DSNTIPO3. ZPARAM NAME: SIGNON_MODULE IN DSN6SYSP.
zLOGR	INT	4	(IBM name: QWP1LOGR) NUMBER OF RECORDS BETWEEN LOG CHECKPOINTS, WHEN QWP1LOGT = 'B'. THIS FIELD CORRESPONDS TO FIELD RECORDS/CHECKPOINT ON INSTALLATION PANEL DSNTIPL1. ZPARAM NAME: CHKLOGR IN DSN6SYSP.
zLOGM	INT	4	(IBM name: QWP1LOGM) NUMBER OF MINUTES BETWEEN LOG CHECKPOINTS, WHEN QWP1LOGT = 'B'. THIS FIELD CORRESPONDS TO FIELD MINUTES/CHECKPOINT ON INSTALLATION PANEL DSNTIPL1. ZPARAM NAME: CHKMINS IN DSN6SYSP.
zZPNM	CHAR	8	(IBM name: QWP1ZPNM) ACTIVE SUBSYSTEM PARAMETER MODULE NAME. THIS FIELD CORRESPONDS TO FIELD PARAMETER MODULE ON INSTALLATION PANEL DSNTIPO3.

Secondary segment: **SMF102_Resource_Limit**

Field Name	Type	Len	Description
<i>SMF102_Resource_Limit.<fieldname></i>			
zRLFA_Len	INT	2	(IBM name: QWP1RLFA_Len) LENGTH OF QWP1RLFA_VAR.
zRLFA_Var	XVCHAR	0 128	(IBM name: QWP1RLFA_Var) %U RESOURCE LIMIT SPECIFICATION TABLE AUTHORIZATION ID.

Secondary segment: **SMF102_Log_Initialization**

Field Name	Type	Len	Description
<i>SMF102_Log_Initialization.<fieldname></i>			
zID	HEX	2	(IBM name: QWP1ACID) CONTROL BLOCK HEXADECIMAL ID (X'009F').
zLL	INT	2	(IBM name: QWP1ACLL) (S)
zEID	CHAR	4	(IBM name: QWP1ACEID) CONTROL BLOCK EBCDIC ID.

SMF102_Log_Initialization.zDI.<fieldname>**SMF102_Log_Initialization.zDI.zOPT1.<fieldname>**

zDUAL	BIT	1	DUAL ACTIVE LOG (ON = DUAL)
zOFFL	BIT	1	OFFLOAD OPTION (ON = YES)
zDBSD	BIT	1	DUAL BSDS MODE (ON = DUAL)
zRCSA	BIT	1	REMOTE_COPY_SW_ACCEL (ON = ENABLE)

SMF102_Log_Initialization.zDI.zOPT2.<fieldname>

zADL	BIT	1	DUAL ARCHIVE (ON = YES)
zARC2	BIT	1	Read COPY2 archives first

SMF102_Log_Initialization.zDI.zOPT3.<fieldname>

zLLBS	BIT	1	(S)
zLBPF	BIT	1	(S)

SMF102_Log_Initialization.zDI.<fieldname>

zOBPS	INT	4	(IBM name: QWP1ACOBPS) LOG OUTPUT BUFFER POOL SIZE. SIZE IN KILOBYTES FOR WRITING ACTIVE LOG DATA SETS. THERE IS ONLY ONE OUTPUT BUFFER POOL PER DB2 SUBSYSTEM. BECAUSE BSDS UPDATES OCCUR WHENEVER THERE IS A BUFFER WRAPAROUND, INCREASE THIS PARAMETER TO REDUCE BSDS I/O, ESPECIALLY IN LOAD OR REORG WITH THE LOG AND MASS INSERT OPERATIONS. ALSO, INCREASE THIS PARAMETER TO AVOID HAVING LOG WRITES WAIT FOR AN AVAILABLE BUFFER IN A SUBSYSTEM WITH A HEAVY UPDATE WORKLOAD. IF NECESSARY, THE INPUT ENTERED IS ROUNDED UP TO THE NEXT 4KB MULTIPLE. INSTALL PARAMETER: OUTPUT BUFFER ON DSNTIPL, OR ZPARM NAME: OUTBUFF IN DSN6LOGP.
zARCL	INT	4	

			(IBM name: QWP1ACARCL) MAXIMUM NUMBER OF ARCHIVE LOG DATA SETS THAT CAN BE RECORDED IN THE BSDS. (IF YOU HAVE DUAL ARCHIVE, THEN THIS NUMBER IS FOR EACH LOG DATA SET. IF THE MAXIMUM SPECIFIED IS 500, THEN ALLOW 500 COPY-1 AND 500 COPY-2 DATA SETS IN THE BSDS. INSTALL PARAMETER: RECORDING MAX ON PANEL DSNTIPA, OR ZPARM NAME: MAXARCH IN DSN6LOGP
zMRTU	INT	2	(IBM name: QWP1ACMRTU) MAXIMUM NUMBER OF TAPE UNITS THAT CAN BE ALLOCATED FOR ARCHIVE READ. INSTALL PARAMETER: READ TAPE UNITS ON PANEL DSNTIPA, OR ZPARM NAME: MAXRTU IN DSN6LOGP.
zWRTH	INT	2	(IBM name: QWP1ACWRTH) (S)

SMF102_Log_Initialization.<fieldname>			
zLVL	CHAR	8	(IBM name: QWP1ACLVL) (S)
zDMIN	INT	2	(IBM name: QWP1ACDMIN) TAPE VOLUME DEALLOCATION TIME, MINUTES PORTION. SEE QWP2DSEC FOR THE SECONDS PORTION OF THIS TIME.
zDSEC	INT	2	(IBM name: QWP1ACDSEC) TAPE VOLUME DEALLOCATION TIME, SECONDS PORTION. SEE QWP2DMIN FOR THE MINUTES PORTION OF THIS TIME.

Secondary segment: SMF102_Archive

Field Name	Type	Len	Description
SMF102_Archive.<fieldname>			
zID	HEX	2	(IBM name: QWP1ACID) CONTROL BLOCK HEXADECIMAL ID (X'005D').
zLL	INT	2	(IBM name: QWP1ACLL) (S)
zEID	CHAR	4	(IBM name: QWP1ACEID) EBCDIC CONTROL BLOCK ID (ARVP).
zBKSZ	INT	4	(IBM name: QWP1ACBKSZ) ARCHIVE DATA SET BLOCK SIZE. ZPARM: BLKSIZE IN DSN6ARVP.
zRISP	INT	4	(IBM name: QWP1ACRISP) PRIMARY SPACE ALLOCATION. ZPARM: PRIQTY IN DSN6ARVP.
zSECS	INT	4	(IBM name: QWP1ACSECS) SECONDARY SPACE ALLOCATION. ZPARM: SECQTY IN DSN6ARVP.
zULN1	HEX	1	(IBM name: QWP1ACULN1) LENGTH OF QWP3UNT1 ENTRY.
zUNT1	CHAR	8	(IBM name: QWP1ACUNT1) TYPE OF DEVICE OR UNIT NAME TO ALLOCATE FOR STORING THE THE FIRST COPY (COPY 1) OF THE ARCHIVE LOG DATA SETS. INSTALLATION PARAMETER 'DEVICE TYPE 1' ON PANEL DSNTIPA, OR ZPARM NAME: UNIT IN DSN6ARVP.
zREF1	VCHAR	1 36	(IBM name: QWP1ACREF1) COPY 1 DATA SET NAME PREFIX.
zREF2	VCHAR	1 36	(IBM name: QWP1ACREF2) COPY 2 DATA SET NAME PREFIX.

SMF102_Archive.zFLG1.<fieldname>			
zCYL	BIT	1	(s)
zTRCK	BIT	1	(s)
zRTCT	BIT	1	RACF PROTECTION

zWTOR	BIT	1	WTOR BEFORE ARCHIVE MOUNTS
zCOMP	BIT	1	FORCE DATA COMPACTION
zDTIM	BIT	1	TIMESTAMP ARCHIVE LOG DATA SETS
zDTFM	BIT	1	EXTENDED DATESTAMP INDICATOR

SMF102_Archive.<fieldname>

zULN2	HEX	1	(IBM name: QWP1ACULN2) LENGTH OF THE QWP3UNT2 ENTRY.
zUNT2	CHAR	8	(IBM name: QWP1ACUNT2) TYPE OF DEVICE OR UNIT NAME TO ALLOCATE FOR STORING THE SECOND COPY (COPY 2) OF THE ARCHIVE LOG DATA SETS. INSTALLATION PARAMETER 'DEVICE TYPE 2' ON PANEL DSNTIPA, OR ZPARM NAME: UNIT2 IN DSN6ARVP. SEE INSTALLATION GUIDE FOR MORE INFORMATION.

SMF102_Archive.zFLG2.<fieldname>

zSVOL	BIT	1	SINGLE VOLUME DASD ARCHIVES
-------	-----	---	-----------------------------

SMF102_Archive.<fieldname>

zRETN	INT	2	(IBM name: QWP1ACRETN) ARCHIVE RETENTION PERIOD. THIS IS THE NUMBER OF DAYS TO RETAIN THE ARCHIVE LOG DATA SETS. INSTALLATION PARAMETER 'RETENTION PERIOD' ON PANEL DSNTIPA, OR ZPARM NAME: ARCRETN IN DSN6ARVP.
zLVL	CHAR	8	(IBM name: QWP1ACLVL) (S)
zMSL1	HEX	1	(IBM name: QWP1ACMSL1) (S)
zMSV1	CHAR	8	(IBM name: QWP1ACMSV1) (S)
zMSL2	HEX	1	(IBM name: QWP1ACMSL2) (S)
zMSV2	CHAR	8	(IBM name: QWP1ACMSV2) (S)
zMQP	INT	2	(IBM name: QWP1ACMQP) MAXIMUM QUIESCE PERIOD.
zWLST	CHAR	138	(IBM name: QWP1ACWLST) (S)

Secondary segment: SMF102_SPRM

Field Name	Type	Len	Description
SMF102_SPRM.<fieldname>			
SMF102_SPRM.Header.<fieldname>			
zID	INT	2	(IBM name: QWP1ACID) (S)
zLEN	INT	2	(IBM name: QWP1ACLEN) (S)
zEYE	CHAR	4	(IBM name: QWP1ACEYE) EYE CATCHER 'SPRM'.
zLVL	CHAR	8	(IBM name: QWP1ACLVL) (S)

SMF102_SPRM.Buffer_Manager.<fieldname>

zMMRB	INT	2	(IBM name: QWP1ACMMRB) (S)
zWREN	INT	2	(IBM name: QWP1ACWREN) (S)
zBPOF	INT	4	(IBM name: QWP1ACBPOF) RESERVED.

SMF102_SPRM.Environment.<fieldname>

zCNTL	BIT	16	(S)
zIDCK	HEX	1	(IBM name: QWP1ACIDCK) (S)

SMF102_SPRM.RDS_Install.<fieldname>**SMF102_SPRM.RDS_Install.zMISC.<fieldname>**

zCTUP	BIT	1	(S) X'80'.
zDIV3	BIT	1	(S) X'40'.
zEXPL	BIT	1	(S) X'20'.
zNHJM	BIT	1	(S) X'10'.
zCDC	BIT	1	X'08' YES = ENABLE CHANGE DATA CAPTURE. INSTALL PARAMETER 'DPROP SUPPORT' ON PANEL DSNTIPO. ZPARAM NAME: CHGDC IN DSN6SPRM. THIS FIELD IS A CONSTANT FOR QWP4MISC.
zENF	BIT	1	X'04' = DPROPNR SUPPORT ONLY. INSTALL PARAMETER 'DPROP SUPPORT' ON PANEL DSNTIPO. ZPARAM NAME: EDPROP IN DSN6SPRM. THIS FIELD IS A CONSTANT FOR QWP4MISC.
zIOP	BIT	1	X'02' = ACTIVATE I/O SCHEDULING FEATURE. THIS FIELD IS A CONSTANT FOR QWP4MISC.
zSTOO	BIT	1	(S) X'01' = BYPASS REDEFINE OF DATA SET DURING RESET OF STOGROUP DEFINED TABLE SPACE. THIS FIELD IS A CONSTANT FOR QWP4MISC.

SMF102_SPRM.Misc_Install.<fieldname>**SMF102_SPRM.Misc_Install.zMISZ.<fieldname>**

zABX	BIT	1	WHETHER EXPLAIN IS ALLOWED DURING AUTOBIND. X'80' = YES. INSTALL PARAMETER 'EXPLAIN PROCESSING' ON PANEL DSNTIPO, OR ZPARAM NAME: SPRMABX IN DSNDQWPZ. THIS FIELD IS A CONSTANT FOR QWP4MISZ.
zFFB	BIT	1	(S) X'20'.
zSCAC	BIT	1	(S) X'10'.
zGOP	BIT	1	(S) X'08'.
zRRU	BIT	1	WHETHER TO USE THE UPDATE (U) LOCK WHEN USING REPEATABLE READ (RR) OR READ STABILITY (RS) ISOLATION TO ACCESS A TABLE. X'04' = YES. INSTALLATION PARAMETER 'USE U LOCK FOR RR' ON PANEL DSNTIPI, OR ZPARAM NAME: RRULOCK IN DSN6SPRM. THIS FIELD IS A CONSTANT FOR QWP4MISZ. SEE INSTALLATION GUIDE FOR MORE INFORMATION.
zFSTP	BIT	1	(S) X'02'.
zMRU	BIT	1	(S) X'01'.

SMF102_SPRM.Misc_Install.<fieldname>

zAUTH	CHAR	1	(IBM name: QWP1ACAUTH) DB2 AUTHORIZATION: 'E'= ENABLE, 'D'=DISABLE DEFAULT: E INSTALL PARAMETER: USE PROTECTION ON PANEL DSNTIPP, OR ZPARAM NAME: AUTH IN DSN6SPRM.
-------	------	---	--

zSADM	CHAR	8	(IBM name: QWP1ACSAADM) %U SYSTEM ADMINISTRATOR USER ID 1 (INSTALL SYSADM). %U INSTALL PARAMETER SYSTEM ADMIN 1 ON PANEL DSNTIPP, OR %U ZPARAM NAME: SYSADM IN DSN6SPRM. %U IF QWP4SADM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
-------	------	---	--

SMF102_SPRM.Misc_Install.zMIS2.<fieldname>

zDSST	BIT	1	WHETHER AN SQLDA FOR DESCRIBE IS BUILT AND SAVED DURING BIND FOR STATIC SQL. X'80' = YES. ZPARAM NAME: DESCSTAT IN DSN6SPRM.
zPST	BIT	1	(S) X'40'.
zUDEG	BIT	1	(S)
zCDYN	BIT	1	WHETHER DB2 CAN CACHE PREPARED SQL STATEMENTS IN THE EDM POOL. X'10' = YES. ZPARAM NAME: CACHEDYN IN DSN6SPRM. THIS FIELD IS A CONSTANT FOR QWP4MIS2.
zMXVL	BIT	1	(S)
zNOIN	BIT	1	(S)
zVCFK	BIT	1	(S) X'01'.

SMF102_SPRM.Misc_Install.zMIS3.<fieldname>

zEVUN	BIT	1	WHETHER DB2 USES UNCOMMITTED DATA TO DO STAGE 1 PREDICATE EVALUATION. X'80' = YES. ZPARAM NAME: EVALUNC. THIS FIELD IS A CONSTANT FOR QWP4MIS3.
zMSTG	BIT	1	WHETHER DB2 USES STORAGE MANAGEMENT ALGORITHMS THAT MINIMIZE THE AMOUNT OF WORKING STORAGE THAT IS CONSUMED BY INDIVIDUAL THREADS. X'40' = YES. ZPARAM NAME: MINSTOR. THIS FIELD IS A CONSTANT FOR QWP4MIS3.
zNLG	BIT	1	WHETHER DB2 CAN CACHE PREPARED SQL STATEMENTS IN THE EDM POOL. X'10' = YES. ZPARAM NAME: CACHEDYN IN DSN6SPRM. THIS FIELD IS A CONSTANT FOR QWP4MIS2.
zTRSU	BIT	1	(S)
zTRSS	BIT	1	(S)

SMF102_SPRM.Misc_Install.zMIS4.<fieldname>

zOPSE	BIT	1	(S)
zDSCM	BIT	1	(S) X'04'.
zSKUI	BIT	1	TREAT UNCOMMITTED INSERTS AS IF THEY HAVE NOT YET BEEN EXECUTED. X'01' = YES. ZPARAM NAME: SKIPUNCI. THIS FIELD IS A CONSTANT FOR QWP4MIS4.

SMF102_SPRM.DataBase_Install.<fieldname>

zVCOF	INT	4	(IBM name: QWP1ACVCOF) (S)
zDBOF	INT	4	(IBM name: QWP1ACDBOF) (S)
zDFID	CHAR	8	(IBM name: QWP1ACDFID) %U SYSTEM DEFAULT USER ID. %U INSTALL PARAMETER: UNKNOWN AUTHID ON PANEL DSNTIPP, OR %U ZPARAM NAME: DEFLTID IN DSN6SPRM. %U IF QWP4DFID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

SMF102_SPRM.Service_Control.<fieldname>

zIPRC	CHAR	8	(IBM name: QWP1ACIPRC) NAME OF IRLM PROCEDURE WHICH DB2 USES TO START IRLM. INSTALL PARAMETER: PROC NAME ON PANEL DSNTIPI, OR ZPARAM NAME: IRLMPC IN DSN6SPRM.
zISID	CHAR	4	(IBM name: QWP1ACISID) NAME OF THE IRLM SUBSYSTEM BY WHICH IRLM IS KNOWN TO

			z/OS. INSTALL PARAMETER: SUBSYSTEM NAME ON PANEL DSNTIPI, OR ZPARAM NAME: IRLMSID IN DSN6SPRM.
zTOUT	INT	4	(IBM name: QWP1ACTOUT) MAXIMUM AMOUNT OF TIME (IN SECONDS) THAT DB2 WAITS FOR THE RELEASE OF A LOCKED RESOURCE. INSTALL PARAMETER: RESOURCE TIMEOUT ON PANEL DSNTIPI, OR ZPARAM NAME: IRLMRWT IN DSN6SPRM.
zISWT	INT	4	(IBM name: QWP1ACISWT) TIME IN SECONDS THAT DB2 WAITS FOR IRLM TO READY ITSELF FOR WORK. IF THIS TIME EXPIRES AND IRLM IS STILL NOT UP, DB2 ABENDS. THIS APPLIES REGARDLESS IF DB2 AUTOSTARTS IRLM OR NOT. INSTALL PARAMETER: TIME TO AUTOSTART ON PANEL DSNTIPI, OR ZPARAM NAME: IRLMSWT IN DSN6SPRM.
zISWI	INT	4	(IBM name: QWP1ACISWI) TIME INTERVAL (IN SECONDS) AFTER WHICH DB2 INQUIRES WHETHER IRLM COMPLETED ITS INITIALIZATION. THIS FIELD CANNOT BE CHANGED BY A USER.

SMF102_SPRM.Service_Control.zIAU.<fieldname>

zIAUT	BIT	1	X'80 YES = AUTOMATICALLY START IRLM INSTALL PARAMETER AUTO START ON PANEL DSNTIPI, OR ZPARAM NAME: IRLMAUT IN DSN6SPRM.
-------	-----	---	---

SMF102_SPRM.Service_Control.zDBC.<fieldname>

zDBCK	BIT	1	X'80 YES = ENABLE DB CHECKING
-------	-----	---	-------------------------------

SMF102_SPRM.Sort.<fieldname>

zSWFN	INT	2	(IBM name: QWP1ACSWFN) (S)
zSPOL	INT	4	(IBM name: QWP1ACSPOL) SORT POOL SIZE. CAN SPECIFY SORT POOL SIZE ON INSTALL PANEL DSNTIPC, OR ZPARAM NAME: SPRMSP IN DSN6SPRM.
zSMXN	INT	4	(IBM name: QWP1ACSMXN) (S) THIS VALUE IS 16,000 AND CANNOT BE CHANGED BY A USER.

SMF102_SPRM.Buffer_Internal.<fieldname>

zBMC1	INT	2	(IBM name: QWP1ACBMC1) (S)
zBMC2	INT	2	(IBM name: QWP1ACBMC2) (S)
zSWT1	INT	2	(IBM name: QWP1ACSWT1) (S)
zSWT2	INT	2	(IBM name: QWP1ACSWT2) (S)
zDWF1	INT	2	(IBM name: QWP1ACDWF1) (S)
zDWU1	INT	2	(IBM name: QWP1ACDWU1) (S)
zDWU2	INT	2	(IBM name: QWP1ACDWU2) (S)
zVDWT	INT	2	(IBM name: QWP1ACVDWT) (S)
zSTHT	CHAR	1	(IBM name: QWP1ACSTHT) STATISTICS HISTORY DEFAULT. VALUES ARE NONE (DEFAULT), SPACE, ALL, AND ACCESSPATH. WHEN THE VALUE IS NONE, CATALOG CHANGES THAT ARE MADE BY DB2 ARE NOT RECORDED IN CATALOG HISTORY TABLES. IF THE VALUE IS ALL, ALL INSERTS OR UPDATES MADE BY DB2 ARE RECORDED. IF THE VALUE IS SPACE OR ACCESSPATH, ALL INSERTS OR UPDATES THAT ARE MADE TO SPACE- OR ACCESS PATH-RELATED CATALOG STATISTICS ARE RECORDED. INSTALL PARAMETER: STATISTICS HISTORY ON PANEL DSNTIPO OR

			ZPARM NAME: STATHIST IN DSN6SPRM.
zSTRL	CHAR	1	(IBM name: QWP1ACSTRL) STATISTICS ROLLUP DEFAULT. SPECIFIES WHETHER THE RUNSTATS UTILITY AGGREGATES PARTITION-LEVEL STATISTICS. THE VALUE IS NO OR YES. INSTALL PARAMETER: STATISTICS ROLLUP ON PANEL DSNTIPO OR ZPARM NAME: STATROLL IN DSN6SPRM.
zKDSA	INT	4	(IBM name: QWP1ACKDSA) (S)
zKDSB	INT	4	(IBM name: QWP1ACKDSB) (S)
zRDEU	INT	2	(IBM name: QWP1ACRDEU) (S)
zLRUT	INT	2	(IBM name: QWP1ACLRUT) (S)
zPF32	INT	2	(IBM name: QWP1ACPF32) (S)
zPFT1	INT	2	(IBM name: QWP1ACPFT1) (S)
zPFT2	INT	2	(IBM name: QWP1ACPFT2) (S)
zBBTR	INT	2	(IBM name: QWP1ACBBTR) (S)
zPSID	HEX	4	(IBM name: QWP1ACPSID) (S)
zDSPM	INT	2	(IBM name: QWP1ACDSPM) (S)

SMF102_SPRM.Lock_Escalation.<fieldname>

zLKTS	INT	4	(IBM name: QWP1ACLKTS) MAXIMUM NUMBER OF PAGE OR ROW LOCKS THAT CAN BE HELD CONCURRENTLY BY A THREAD AGAINST A SINGLE TABLE SPACE FOR WHICH LOCKSIZE ANY WAS SPECIFIED BEFORE DB2 ESCALATES THE LOCKING LEVEL TO A TABLE SPACE LOCK. A VALUE OF 0 DEACTIVATES THIS FEATURE. INSTALL PARAMETER: LOCKS PER TABLE(SPACE) ON PANEL DSNTIPJ OR ZPARM NAME: NUMLKTS IN DSN6SPRM.
zLKUS	INT	4	(IBM name: QWP1ACLKUS) MAX NUMBER OF PAGE OR ROW LOCKS THAT CAN BE HELD CONCURRENTLY BY A THREAD AGAINST ALL TABLE SPACES IN THE SYSTEM. (THIS INCLUDES LOCKS AGAINST DATA AND INDEX PAGES.) EACH LOCK AVERAGES 540 BYTES. IF THIS LIMIT IS REACHED, DB2 RETURNS A 'RESOURCE UNAVAILABLE' RETURN CODE. INSTALL PARAMETER: LOCKS PER USER ON PANEL DSNTIPJ, OR ZPARM NAME: NUMLKUS IN DSN6SPRM.

SMF102_SPRM.Misc_System.<fieldname>

zADM2	CHAR	8	(IBM name: QWP1ACADM2) %U SYSTEM ADMINISTRATOR USER ID 2. %U INSTALL PARAMETER: SYSTEM ADMIN 2 ON PANEL DSNTIPP, OR %U ZPARM NAME: SYSADM2 IN DSN6SPRM. %U IF QWP4ADM2_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zOPR1	CHAR	8	(IBM name: QWP1ACOPR1) %U SYSTEM OPERATOR USER ID 1. %U INSTALL PARAMETER: SYSTEM OPERATOR 1 ON PANEL DSNTIPP, %U OR ZPARM NAME: SYSOPR1 IN DSN6SPRM. %U IF QWP4OPR1_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zOPR2	CHAR	8	(IBM name: QWP1ACOPR2) %U SYSTEM OPERATOR USER ID 2. %U INSTALL PARAMETER: SYSTEM OPERATOR 2 ON PANEL DSNTIPP, %U OR ZPARM NAME: SYSOPR2 IN DSN6SPRM. %U IF QWP4OPR2_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCHKL	INT	2	

			(IBM name: QWP1ACCHKL) (S)
zPDQ	INT	2	(IBM name: QWP1ACPDQ) (S)
zPCBS	INT	2	(IBM name: QWP1ACPCBS) (S)
zNCPU	HEX	1	(IBM name: QWP1ACNCPU) NUMBER OF CPUS ONLINE.
zHRC	HEX	1	(IBM name: QWP1ACHRC) (S)
zPCWH	INT	2	(IBM name: QWP1ACPCWH) (S)
zPCRB	INT	2	(IBM name: QWP1ACPCRB) (S)
zMXRB	INT	2	(IBM name: QWP1ACMXRB) (S)
zHRCD	INT	2	(IBM name: QWP1ACHRCD) (S)
zRCST	INT	2	(IBM name: QWP1ACRCST) (S)
zTRWT	INT	2	(IBM name: QWP1ACTRWT) (S)
zWPFQ	INT	2	(IBM name: QWP1ACWPFQ) (S)
zWPFS	INT	2	(IBM name: QWP1ACWPFS) (S)
zSQTM	INT	2	(IBM name: QWP1ACSQTM) (S)
zSQTD	INT	2	(IBM name: QWP1ACSQTD) (S)
zVDTM	INT	2	(IBM name: QWP1ACVDTM) (S)
zMPFQ	INT	2	(IBM name: QWP1ACMPFQ) (S)
zSWFU	INT	2	(IBM name: QWP1ACSWFU) (S)

SMF102_SPRM.V2R2.<fieldname>

zTISP	INT	4	(IBM name: QWP1ACTISP) (S)
zDRBS	INT	4	(IBM name: QWP1ACDRBS) (S)
zRMIN	INT	4	(IBM name: QWP1ACRMIN) (S)
zRMAX	INT	4	(IBM name: QWP1ACRMAX)\n
zRNLP	INT	2	(IBM name: QWP1ACRNLP) (S)
zAUCA	INT	2	(IBM name: QWP1ACAUCA) AUTHORIZATION CACHE SIZE.
zINTV	INT	2	(IBM name: QWP1ACINTV) (S)

SMF102_SPRM.<fieldname>

zQCTM	INT	2	(IBM name: QWP1ACQCTM) (S)
-------	-----	---	-------------------------------

zTDDN	INT	2	(IBM name: QWP1ACTDDN) VALUE FOR TRIGGER DRAIN.
zMDDN	INT	2	(IBM name: QWP1ACMDDN) MAXIMUM NUMBER OF DDS WITH HOLD.
zTXS	INT	4	(IBM name: QWP1ACTXS) (S)
zSRBT	INT	4	(IBM name: QWP1ACSRBT) (S)
zAND	INT	4	(IBM name: QWP1ACAND) (S)
zOR	INT	4	(IBM name: QWP1ACOR) (S)
zCPUM	FIXED	4 (10,6)	(IBM name: QWP1ACCPUM) SECONDS OF TASK OR SRB EXECUTION TIME PER SU.
zFDP	INT	2	(IBM name: QWP1ACFDP) NUMBER OF FIELD PROCS FOR DESCRIBE TABLE BLOCK.
zKNFC	INT	2	(IBM name: QWP1ACKNFC) (S)
zUTO	INT	2	(IBM name: QWP1ACUTO) UTILITY TIMEOUT FACTOR. INSTALLATION PARAMETER: UTILITY TIMEOUT ON INSTALLATION PANEL DSNTIPI, OR ZPARAM NAME: UTIMOUT IN DSN6SPRM.
zEST	INT	2	(IBM name: QWP1ACEST) MAXIMUM EXTEND SERVICE TASKS.
zCUT	INT	2	(IBM name: QWP1ACCUT) (S)
zSPC	INT	2	(IBM name: QWP1ACSPC) (S)
zAST	INT	2	(IBM name: QWP1ACAST) (S)
zWBMP	INT	2	(IBM name: QWP1ACWBMP) TIMEOUT MULTIPLIER FOR BMP A CONNECTION. THIS PARAMETER CORRESPONDS TO FIELD 'IMS BMP TIMEOUT' ON INSTALLATION PANEL DSNTIPI. ZPARAM NAME: BMPTOUT IN DSN6SPRM.
zWDLI	INT	2	(IBM name: QWP1ACWDLI) TIMEOUT MULTIPLIER FOR DL/I BATCH CONNECTION. THIS PARAMETER CORRESPONDS TO FIELD 'DL/I BATCH TIMEOUT' ON INSTALLATION PANEL DSNTIPI. ZPARAM NAME: DLITOUT IN DSN6SPRM.
zXCTH	INT	4	(IBM name: QWP1ACXCTH) (S)
zBNVA	CHAR	8	(IBM name: QWP1ACBNVA) WHETHER ONLY BINDADD AUTHORITY, OR EITHER BINDADD OR BIND AUTHORITY ON THE COLLECTION OR PACKAGE IS REQUIRED WHEN ADDING A NEW PACKAGE OR A NEW VERSION OF AN EXISTING PACKAGE TO A COLLECTION. INSTALLATION PARAMETER 'BIND NEW PACKAGE' ON PANEL DSNTIPP, OR ZPARAM NAME: BINDNV IN DSN6SPRM. SEE INSTALLATION GUIDE FOR MORE INFORMATION.
zSCTM	INT	4	(IBM name: QWP1ACSTM) (S)
zMDEG	INT	4	(IBM name: QWP1ACMDEG) UPPER LIMIT ON THE DEGREE OF PARALLELISM FOR A PARALLEL GROUP.
zPAC	INT	4	(IBM name: QWP1ACPAC) SIZE OF PACKAGE AUTHORIZATION CACHE. THIS FIELD CORRESPONDS TO FIELD 'PACKAGE AUTH CACHE' ON INSTALLATION PANEL DSNTIPP. ZPARAM NAME: CACHEPAC IN DSN6SPRM.
zUBS	INT	2	

			(IBM name: QWP1ACUBS) (S)
zAURT	INT	2	(IBM name: QWP1ACAURT) (S)

SMF102_SPRM.zREGF.<fieldname>

zREGI	BIT	1	X'80' MEANS DATA DEFINITION CONTROL SUPPORT IS TO BE USED. INSTALL PARAMETER: INSTALL DD CONTROL SUPPORT ON INSTALLATION PANEL DSNTIPZ, OR ZPARAM NAME: RGFINSTL IN DSN6SPRM.
zREGD	BIT	1	X'40' MEANS ONLY REGISTERED PACKAGES OR PLANS CAN USE DDL. ZPARAM: RGFDEDPL IN DSN6SPRM.
zREGQ	BIT	1	X'20' MEANS TWO-PART NAMES ARE REQUIRED FOR EVERY OBJECT REGISTERED IN ORT. INSTALL PARAMETER: REQUIRE FULL NAMES ON INSTALLATION PANEL DSNTIPZ, OR ZPARAM NAME: RGFFULLQ.
zREGU	BIT	5	X'18' IS A FLAG FOR UNREGISTERED DDL DEFAULT: 00 MEANS PROHIBIT UNREGISTERED DDL. 1X MEANS ALLOW UNREGISTERED DDL. X1 MEANS CONSULT THE ART FOR UNREGISTERED DDL. ZPARAM: RGFDEFULT IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zREGC	CHAR	8	(IBM name: QWP1ACREGC) %U DDL REGISTRATION TABLE OWNER. %U ZPARAM: RGFCOLID IN DSN6SPRM. %U IF QWP4REGC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zREGA	CHAR	17	(IBM name: QWP1ACREGA) %U DDL REGISTRATION APPLICATION REGISTRATION TABLE NAME. %U ZPARAM: RGFNMPT IN DSN6SPRM. %U IF QWP4REGA_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zREGO	CHAR	17	(IBM name: QWP1ACREGO) %U DDL REGISTRATION OBJECT REGISTRATION TABLE NAME. %U ZPARAM: RGFNMORT IN DSN6SPRM. %U IF QWP4REGO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

SMF102_SPRM.zSIT.<fieldname>

zMSTY	BIT	1	X'80' YES = LOCALSITE ZPARAM: SITETYP IN DSN6SPRM.
zTRKR	BIT	1	X'40' YES = TRACKER SITE ZPARAM: TRKRSITE IN DSN6SPRM.
zXLUD	BIT	1	X'20' USE X LOCK FOR SEARCHED UPDATE OR DELETE. IF SUBSYSTEM PARAMETER XLKUPDT IS NO, THIS BIT IS OFF. IF SUBSYSTEM PARAMETER XLKUPDT IS YES OR TARGET, SEE QWP4XLUS.
zURNM	BIT	1	(S) X'08'.
zSAE	BIT	1	X'01' YES = SUPPRESS SYS1.LOGREC SOFT ERROR RECORDING. ZPARAM: SUPERRS IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zREGN	CHAR	8	(IBM name: QWP1ACREGN) DDL REGISTRATION DATABASE NAME. ZPARAM: RGFDBNAM IN DSN6SPRM.
zABN	CHAR	1	(IBM name: QWP1ACABN) WHETHER PLANS OR PACKAGES CAN BE AUTOMATICALLY REBOUND. INSTALL PARAMETER AUTO BIND ON PANEL DSNTIPO OR ZPARAM NAME: ABIND IN DSN6SPRM. D = DISABLED, E = ENABLED, C = COEXIST. SPECIFYING ENABLE AUTOBIND ALLOWS AUTOMATIC REBIND TO BE PERFORMED ON A PLAN OR PACKAGE. DISABLED MEANS THAT YOU MUST EXPLICITLY REBIND ANY INVALID PLAN OR PACKAGE BEFORE IT CAN BE OPERATIONAL. COEXIST MEANS THAT AUTOMATIC REBIND IS PERFORMED IN A DATA SHARING COEXISTENCE ENVIRONMENT ONLY UNDER THE FOLLOWING CONDITIONS: - THE PLAN OR PACKAGE IS MARKED INVALID. - THE PLAN OR PACKAGE WAS LAST BOUND AT THE CURRENT RELEASE LEVEL AND IS NOW

			RUNNING ON A SUBSYSTEM AT THE PREVIOUS RELEASE LEVEL.
zDXTP	HEX	1	(IBM name: QWP1ACDXTP) (S)
zRMTI	INT	2	(IBM name: QWP1ACRMTI) (S)
zZTN	INT	2	(IBM name: QWP1ACZTN) PROJECT Z INSERTION THRESHOLD.
zZUT	INT	2	(IBM name: QWP1ACZUT) (S)
zMDE	INT	4	(IBM name: QWP1ACMDE) MAXIMUM NUMBER OF ZIVLEMPPEL DICTIONARY ENTRIES.
zESC	CHAR	1	(IBM name: QWP1ACESC) DDCS ESCAPE CHARACTER FOR ART AND ORT SEARCH. INSTALL PARAMETER ART/ORT ESCAPE CHARACTER ON PANEL DSNTIPZ, OR ZPARM NAME: RGFESCP IN DSN6SPRM.
zCDEG	CHAR	3	(IBM name: QWP1ACCDEG) DEFAULT VALUE FOR CURRENT DEGREE SPECIAL REGISTER. POSSIBLE VALUES ARE 1 OR ANY.
zCDE1	CHAR	1	(IBM name: QWP1ACCDE1) RESERVED.
zFLMT	HEX	1	(IBM name: QWP1ACFLMT) (S)
zFLBS	HEX	1	(IBM name: QWP1ACFLBS) (S)
zULBZ	INT	4	(IBM name: QWP1ACULBZ) (S)
zULFR	INT	4	(IBM name: QWP1ACULFR) (S)
zRHTI	INT	2	(IBM name: QWP1ACRHTI) (S)
zUMD	INT	2	(IBM name: QWP1ACUMD) MAXIMUM DEGREE OF PARALLELISM THAT IS ALLOWED WHEN A DB2 UTILITY USES PARALLELISM. THIS PARAMETER CORRESPONDS TO FIELD MAX UTILS PARALLELISM ON INSTALLATION DSNTIP6. ZPARM NAME: PARAMDEG_UTIL IN DSN6SPRM.
zMXKD	INT	4	(IBM name: QWP1ACMXKD) MAXIMUM NUMBER OF PREPARED DYNAMIC STATEMENTS SAVED PAST COMMIT WHEN DYNAMIC STATEMENT CACHING IS ENABLED. THIS PARAMETER CORRESPONDS TO FIELD 'MAX KEPT DYN STMTS' ON INSTALLATION PANEL DSNTIPE. ZPARM NAME: MAXKEEPD IN DSN6SPRM.
zSREC	HEX	2	(IBM name: QWP1ACSREC) (S) (S) X'80'.
zLTDM	HEX	1	(IBM name: QWP1ACLTDM) (S)

SMF102_SPRM.zMS4A.<fieldname>

zPROF	BIT	1	(S) X'20'.
zXLUS	BIT	1	X'10'. USE SCOPED X LOCK ON SEARCHED UPDATE OR DELETE. THIS BIT IS ON IF SUBSYSTEM PARAMETER XLKUPDLT IS TARGET AND OFF IF XLKUPDLT IS YES.
zCDIO	BIT	1	(S) X'08'.
zUNM7	BIT	1	(S) X'04'.

SMF102_SPRM.<fieldname>

zACAN	INT	2	(IBM name: QWP1ACACAN) ABEND COUNT FOR ACCESS CONTROL AUTHORIZATION EXIT. ZPARM NAME: AEXITLIM IN DSN6SPRM.
-------	-----	---	---

SMF102_SPRM.zMS4B.<fieldname>			
zRRBA	BIT	1	(S) X'40'.
zHKEEPD	BIT	1	X'04'. YES=USE KEEPDICTIONARY WHEN A REORG CONVERTS A TABLE SPACE FROM BASIC ROW FORMAT TO REORDERED ROW FORMAT.
zNLGF	BIT	1	(S) X'02'.

SMF102_SPRM.<fieldname>			
zDSFL	CHAR	1	(IBM name: QWP1ACDSFL) (S)
zCOC1	INT	2	(IBM name: QWP1ACCOC1) (S)
zCOC2	INT	2	(IBM name: QWP1ACCOC2) (S)
zWAIT	INT	2	(IBM name: QWP1ACWAIT) MULTIPLIER FOR DETERMINING HOW LONG A TRANSACTION WAITS INCOMPATIBLE RETAINED LOCKS. THIS VALUE IS MULTIPLIED BY THE CONNECTION'S NORMAL TIMEOUT MULTIPLIER. IT IS 0 IF AGENTS DO NOT WAIT FOR INCOMPATIBLE RETAINED LOCKS. THE DEFAULT IS 0. THIS PARAMETER CORRESPONDS TO FIELD 'RETAINED LOCK TIMEOUT' ON INSTALLATION PANEL DSNTIPI. ZPARAM NAME: RETLWAIT IN DSN6SPRM.
zCTHR	INT	2	(IBM name: QWP1ACCTHR) (S)
zRAC	INT	4	(IBM name: QWP1ACRAC) SPECIFIES THE AMOUNT OF STORAGE ALLOCATED TO THE CACHING OF AUTHORIZATION INFORMATION FOR ALL ROUTINES ON THIS DB2 SUBSYSTEM. THE DEFAULT IS 32K. THIS PARAMETER CORRESPONDS TO FIELD 'ROUTINE AUTH CACHE' ON INSTALLATION PANEL DSNTIPP. ZPARAM NAME: CACHERAC IN DSN6SPRM.
zSTHR	INT	4	(IBM name: QWP1ACSTHR) (S)
zDSMX	INT	4	(IBM name: QWP1ACDSMX) MAXIMUM NUMBER OF CONCURRENTLY OPEN DATA SETS BEFORE DEFERRED CLOSE. DSMAX IS NOT AN ABSOLUTE LIMIT BUT RATHER A TARGET LEVEL OF MAXIMUM OPEN DATA SETS THAT IS USED BY THE DEFERRED CLOSE PROCESS OF DB2. THE HIGHEST VALUE THAT YOU CAN SPECIFY FOR THIS PARAMETER IS 100000. HOWEVER, THE PRACTICAL LIMIT DEPENDS ON AVAILABLE STORAGE BELOW THE 16MB LINE. ZPARAM NAME: DSMAX IN DSN6SPRM. FOR MORE INFORMATION ON HOW DB2 CALCULATES DSMAX, SEE INSTALLATION GUIDE.
zOZTP	CHAR	1	(IBM name: QWP1ACOZTP) ONLINE SYSTEM PARAMETER TYPE.

SMF102_SPRM.zMS4C.<fieldname>			
zTCNE	BIT	1	
zPJSJ	BIT	1	(S) X'04'.
zCS01	BIT	1	X'02' YES=ENABLE COMPRESSION OF SPT01.

SMF102_SPRM.<fieldname>			
zPLIM	INT	4	(IBM name: QWP1ACPLIM) (S)
zMDSC	INT	2	(IBM name: QWP1ACMDSC) THE MINIMUM SCALE FOR THE RESULT OF A DECIMAL DIVISION. THE VALUES FOR THIS PARAMETER ARE NONE (THE DEFAULT), 3, OR 6. IF 3 OR 6 IS SPECIFIED, THIS PARAMETER OVERRIDES THE DECDIV3 PARAMETER. ZPARAM NAME: MINDVSCL IN DSN6SPRM.

zMXTB	INT	2	(IBM name: QWP1ACMXTB) (S)
zMXCE	INT	4	(IBM name: QWP1ACMXCE) (S)
zNPAG	INT	4	(IBM name: QWP1ACNPAG) NPAGES THRESHOLD FOR OPTIMIZER.
zSJRT	INT	2	(IBM name: QWP1ACSJRT) IMPLEMENTATION OF STAR JOIN. IF THE VALUE OF THIS PARAMETER IS GREATER THAN OR EQUAL TO 0, A QUERY MUST MEET A NUMBER OF CONDITIONS TO BE CONSIDERED FOR STAR JOIN PROCESSING. THIS PARAMETER CONTROLS THE CARDINALITY CONDITION. FOR A COMPLETE LIST OF CONDITIONS FOR STAR JOIN PROCESSING, SEE VOLUME 2 OF THE ADMINISTRATION GUIDE. THE VALUES FOR THIS PARAMETER ARE: -1: DISABLE STAR JOIN. THIS IS THE DEFAULT. 0: ENABLE STAR JOIN WHEN THE JOIN MEETS THE CONDITIONS IN THE DB2 ADMINISTRATION GUIDE. 1: ENABLE STAR JOIN, WITH NO CHECKING OF THE RATIO BETWEEN THE FACT TABLE CARDINALITY AND THE LARGEST DIMENSION TABLE CARDINALITY. THE TABLE WITH THE LARGEST CARDINALITY IS THE FACT TABLE. N: THE LOWEST RATIO OF THE CARDINALITY OF THE FACT TABLE TO THE CARDINALITY OF THE LARGEST DIMENSION TABLE FOR WHICH STAR JOIN IS USED. 2<N<=32768. ZPARAM NAME: STARJOIN IN DSN6SPRM.
zDCFS	CHAR	8	(IBM name: QWP1ACDCFS) (S)
zDCIX	CHAR	8	(IBM name: QWP1ACDCIX) (S)
zDDLTO	INT	2	(IBM name: QWP1ACDDLTO) SQL DATA DEFINITION TIMEOUT FACTOR. THE TIMEOUT VALUE IS THE PRODUCT OF THIS VALUE AND THE IRLMRWT VALUE. THIS PARAMETER CORRESPONDS TO FIELD DATA DEF TIMEOUT ON INSTALLATION PANEL DSNTIPE. ZPARAM NAME: DDLTOX IN DSN6SPRM.
zOZUS	CHAR	8	(IBM name: QWP1ACOZUS) %U ONLINE SYSTEM PARAMETER USER ID MONITOR. %U IF QWP4OZUS_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zOZCI	CHAR	12	(IBM name: QWP1ACOZCI) ONLINE SYSTEM PARAMETER CORRELATION ID MONITOR.
zOZTM	TSTMP	8	(IBM name: QWP1ACOZTM) ONLINE SYSTEM PARAMETER TIME CHANGED.
zINTE	INT	2	(IBM name: QWP1ACINTE) SPECIFIES THE TIME INTERVAL THAT DB2 WAITS BEFORE IT ATTEMPTS TO WRITE OUT PAGE SET STATISTICS TO THE REAL-TIME STATISTICS TABLES. THIS VALUE IS BETWEEN 1 AND 65535 MINUTES. INSTALL PARAMETER: REAL TIME STATS ON PANEL DSNTIPE. ZPARAM NAME: STATSINT IN DSN6SPRM.
zSJTB	INT	2	(IBM name: QWP1ACSJTB) SPECIFIES THE MINIMUM NUMBER OF TABLES IN A QUERY BLOCK BEFORE DB2 CONSIDERS THE QUERY BLOCK FOR STAR JOIN. STAR JOIN MUST BE ENABLED BEFORE DB2 USES THIS SYSTEM PARAMETER. VALUES FOR THIS SYSTEM PARAMETER ARE: 0: DB2 CONSIDERS STAR JOIN FOR A QUERY BLOCK WITH 10 OR MORE TABLES. THIS IS THE DEFAULT. 1,2,3: DB2 ALWAYS CONSIDERS STAR JOIN. 4-255: DB2 CONSIDERS STAR JOIN IF THE QUERY BLOCK CONTAINS A MINIMUM OF THIS NUMBER OF TABLES. 226-32767: DB2 DOES NOT ENABLE STAR JOIN. ZPARAM NAME: SJTABLES IN DSN6SPRM.
zTJTH	CHAR	2	(IBM name: QWP1ACTJTH) NOT USED.
zINLP	INT	4	(IBM name: QWP1ACINLP) (S)
zFLKT	INT	4	(IBM name: QWP1ACFLKT) (S)
zRSMX	INT	2	(IBM name: QWP1ACRSMX) MAXIMUM AMOUNT OF REAL PLUS AUXILIARY STORAGE THAT

			CAN BE USED. ZPARAM NAME: REALSTORAGE_MAX IN DSN6SPRM.
zDMTR	INT	2	(IBM name: QWP1ACDMTR) (S)
zBXTR	INT	2	(IBM name: QWP1ACBXTR) (S)
zLBTR	INT	2	(IBM name: QWP1ACLBTR) (S)
zPAEF	INT	2	(IBM name: QWP1ACPAEF) PARALLELISM EFFICIENCY FACTOR. THIS FIELD CORRESPONDS TO FIELD 'PARALLELISM EFFICIENCY' ON INSTALLATION PANEL DSNTIP8. ZPARAM NAME: PARA_EFF IN DSN6SPRM.
zSADM_Off	INT	2	(IBM name: QWP1ACSADM_Off) IF QWP4SADM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4SADM_LEN.
zDFID_Off	INT	2	(IBM name: QWP1ACDFID_Off) IF QWP4DFID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4DFID_LEN.
zADM2_Off	INT	2	(IBM name: QWP1ACADM2_Off) IF QWP4ADM2 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4ADM2_LEN.
zOPR1_Off	INT	2	(IBM name: QWP1ACOPR1_Off) IF QWP4OPR1 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4OPR1_LEN.
zOPR2_Off	INT	2	(IBM name: QWP1ACOPR2_Off) IF QWP4OPR2 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4OPR2_LEN.
zREGC_Off	INT	2	(IBM name: QWP1ACREGC_Off) IF QWP4REGC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4REGC_LEN.
zREGA_Off	INT	2	(IBM name: QWP1ACREGA_Off) IF QWP4REGA IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4REGA_LEN.
zREGO_Off	INT	2	(IBM name: QWP1ACREGO_Off) IF QWP4REGO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4REGO_LEN.
zOZUS_Off	INT	2	(IBM name: QWP1ACOZUS_Off) IF QWP4OZUS IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QWP4 TO QWP4OZUS_LEN.
zEDBC	INT	4	(IBM name: QWP1ACEDBC) THE MINIMUM SIZE OF THE DBD CACHE THAT IS USED BY EDM. THIS VALUE IS SPECIFIED IN KILOBYTES BY THE USER AND CONVERTED TO BYTES IN MACRO DSN6SPRM. ZPARAM NAME: EDMDBDC IN DSN6SPRM.
zESTC	INT	4	(IBM name: QWP1ACESTC) THE UPPER LIMIT ON THE AMOUNT OF EDM POOL STORAGE THAT IS USED FOR CACHED DYNAMIC STATEMENTS. IF THE AMOUNT OF STORAGE THAT IS USED FOR CACHED DYNAMIC STATEMENTS EXCEEDS THIS VALUE, STATEMENTS THAT ARE NOT IN USE ARE REMOVED FROM THE CACHE. THIS VALUE IS IN KILOBYTES IN INSTALLATION PANEL DSNTIPC, BUT IS IN BYTES IN MACRO DSN6SPRM. ZPARAM NAME: EDMSTMTC IN DSN6SPRM.
zMQTH	INT	2	(IBM name: QWP1ACMQTH) (S)
zRFSH	CHAR	11	(IBM name: QWP1ACRFSH) THE DEFAULT FOR THE CURRENT REFRESH AGE SPECIAL REGISTER. THIS FIELD CORRESPONDS TO FIELD 'CURRENT REFRESH AGE' ON INSTALLATION PANEL DSNTIP81. ZPARAM NAME: REFSHAGE IN DSN6SPRM.
zMNTY	CHAR	2	(IBM name: QWP1ACMNTY) THE DEFAULT FOR THE CURRENT MAINTAINED TABLE TYPES FOR OPTIMIZATION SPECIAL REGISTER. THIS FIELD CORRESPONDS TO FIELD 'CURRENT MAINT TYPES' ON INSTALLATION PANEL DSNTIP81. ZPARAM NAME: MAINTYPE IN

			DSN6SPRM.
zMXOS	INT	2	(IBM name: QWP1ACMXOS) (S)
zMXOC	INT	2	(IBM name: QWP1ACMXOC) (S)
zLRTH	INT	2	(IBM name: QWP1ACLRTH) THE NUMBER OF MINUTES THAT A READ CLAIM IS HELD BY AN AGENT BEFORE DB2 WRITES AN IFCID 0313 RECORD TO REPORT IT AS A LONG-RUNNING READER. THIS PARAMETER CORRESPONDS TO FIELD 'LONG-RUNNING READER' ON INSTALLATION PANEL DSNTIPE. ZPARAM NAME: LRDRTHLD IN DSN6SPRM.
zTTRS	INT	2	(IBM name: QWP1ACTTRS) (S)
zVDTY	CHAR	8	(IBM name: QWP1ACVDTY) DEVICE TYPE FOR TEMPORARY DATA SETS. THIS FIELD CORRESPONDS TO FIELD 'TEMPORARY UNIT NAME' ON INSTALLATION PANEL DSNTIPA2.
zSCLC	INT	2	(IBM name: QWP1ACSCLC) (S)

SMF102_SPRM.zMIS5.<fieldname>

zPDIX	BIT	1	X'80'. YES=PAD INDEXES BY DEFAULT.
zSMGE	BIT	1	(S) X'40'.
zRRF	BIT	1	X'20'. YES=ENABLE REORDERED ROW FORMAT. THIS FIELD CORRESPONDS TO FIELD 'REORDERED ROW FORMAT' ON INSTALLATION PANEL DSNTIP7. ZPARAM NAME: RRF IN DSN6SPRM.
zRRFD	BIT	1	X'08'. YES=SYSTEM-LEVEL BACKUP THAT IS THE RECOVERY BASE IS FROM A DUMP ON TAPE. THIS FIELD CORRESPONDS TO FIELD 'RESTORE/RECOVER' ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: RESTORE_RECOVER_FROMDUMP.
zOXQB	BIT	1	(S) X'04'.
zRPTC	BIT	1	(S) X'02'.
zCOMC	BIT	1	(S) X'01'.

SMF102_SPRM.zMIS6.<fieldname>

zDINB	BIT	1	(S) X'80'.
zSLBU	BIT	1	X'40'. YES=RECOVER USES SYSTEM LEVEL BACKUPS AS THE RECOVERY BASE. THIS FIELD CORRESPONDS TO FIELD SYSTEM-LEVEL BACKUPS ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: SYSTEM_LEVEL_BACKUPS.
zIXIO	BIT	1	(S) X'20'.
zSTCL	BIT	1	
zMUDI	BIT	2	QWP4MUDI1=0+QWP4MUDI2=0->OFF QWP4MUDI1=0+QWP4MUDI2=1->DISABLE QWP4MUDI1=1+QWP4MUDI2=0->ON QWP4MUDI1=1+QWP4MUDI2=1->ENABLE
zIIOF	BIT	1	X'01'. YES=ENABLE INDEX I/O PARALLELISM. ZPARAM NAME: INDEX_IO_PARALLELISM IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zMXNC	INT	4	(IBM name: QWP1ACMXNC) MAXIMUM NUMBER OF CURSORS OPEN PER THREAD. THIS FIELD CORRESPONDS TO FIELD 'MAX OPEN CURSORS' ON INSTALLATION PANEL DSNTIPX. ZPARAM NAME: MAX_NUM_CUR IN DSN6SPRM.
zMXSP	INT	4	(IBM name: QWP1ACMXSP) MAXIMUM ACTIVE STORED PROCEDURES PER THREAD. THIS

			FIELD CORRESPONDS TO FIELD 'MAX STORED PROCS' ON INSTALLATION PANEL DSNTIPX. ZPARAM NAME: MAX_ST_PROC IN DSN6SPRM.
zSELD	CHAR	4	(IBM name: QWP1ACSELD) (S)
zAPS	CHAR	8	(IBM name: QWP1ACAPS)\n
zPMGT	CHAR	1	(IBM name: QWP1ACPMGT) (S)

SMF102_SPRM.zSRTN.<fieldname>

zSRAL	BIT	1	X'80': YES=UTILITIES THAT INVOKE A SORT USE A SPACE PREDICTION ALGORITHM FOR DYNAMICALLY ALLOCATED SORT WORK DATA SETS. ZPARAM NAME: UTSORTAL IN DSN6SPRM.
zIGSN	BIT	1	X'40': YES=IGNORE SORTNUM CLAUSE IN UTILITY CONTROL STATEMENTS. ZPARAM NAME: IGNSORTN IN DSN6SPRM.
zDB2SRT	BIT	1	X'20': YES=ENABLE USE OF DB2 SORT. ZPARAM NAME: DB2SORT IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zCHEC	CHAR	8	(IBM name: QWP1ACCHEC) SPECIFIES THE NAME OF THE SMS STORAGE CLASS THAT DB2 USES FOR DEFINING TEMPORARY SHADOW DATA SETS. A BLANK VALUE INDICATES THAT THE TEMPORARY SHADOW DATA SETS ARE DEFINED IN THE SAME STORAGE CLASS AS THE PRODUCTION PAGE SET. THIS FIELD CORRESPONDS TO FIELD 'UTIL TEMP STORCLAS' ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: UTIL_TEMP_STORCLAS IN DSN6SPRM.
-------	------	---	---

SMF102_SPRM.zMETR.<fieldname>

zMETE	BIT	1	X'80'. YES=ENABLE GATHERING OF Z/OS METRICS THROUGH THE RMF INTERFACE. ZPARAM NAME: ZOSMETRICS IN DSN6SPRM.
-------	-----	---	---

SMF102_SPRM.<fieldname>

zACCS	CHAR	1	(IBM name: QWP1ACACCS) SPECIFIES WHETHER TO ENABLE ACCELERATOR SERVERS. POSSIBLE VALUES ARE: 'N': DO NOT ENABLE ACCELERATOR SERVERS. 'C': ENABLE BUT DO NOT START ACCELERATOR SERVERS. 'A': ENABLE AND START ACCELERATOR SERVERS. THIS FIELD CORRESPONDS TO FIELD ACCEL STARTUP ON INSTALLATION PANEL DSNTIP81. ZPARAM NAME: ACCEL IN DSN6SPRM.
-------	------	---	--

SMF102_SPRM.zMS4D.<fieldname>

zBXQT	BIT	1	
zWFDBSEP	BIT	1	YES=Unconditionally direct DGTT processing only to STOGROUP (DB2- managed) table spaces defined with SECQTY>0 and all other processing only to STOGROUP (DB2-managed) table spaces with SECQTY=0 or user managed table spaces

SMF102_SPRM.zMS4E.<fieldname>

zSIDX	BIT	1	(S) X'80'.
zXPKE	BIT	1	X'04'. SPECIFIES WHETHER TO INCLUDE ALL COLUMNS IN THE PARTITIONING KEY DURING CONVERSION FROM INDEX-CONTROLLED PARTITIONING TO TABLE-CONTROLLED PARTITIONING: 0=INCLUDE ALL COLUMNS. 1=INCLUDE TRAILING COLUMNS ONLY IF THEY AFFECT PARTITIONING. THIS FIELD CORRESPONDS TO FIELD 'EXCLUDE PART KEY ELEMENTS' IN INSTALLATION PANEL DSNTIP71. ZPARAM NAME: IX_TB_PART_CONV_EXCLUDE IN DSN6SPRM.
zSQMX	BIT	1	X'02'. SPECIFIES WHETHER TO ENABLE OR DISABLE MULTIPLE INDEX ACCESS FOR QUERIES THAT HAVE SUBQUERY PREDICATES. 0=DISABLE. 1=ENABLE. ZPARAM NAME:

			SUBQ_MIDX IN DSN6SPRM.
zACMO	BIT	1	X'01'. SPECIFIES WHETHER DB2 MODELS QUERY WORKLOADS TO DETERMINE WHETHER ACCUMULATED ELAPSED TIME AND CPU TIME MIGHT BE DECREASED IF A PLAN IS EXECUTED ON AN ACCELERATOR. THIS FIELD CORRESPONDS TO FIELD 'ACCELERATION MODELING' ON INSTALLATION PANEL DSNTIP82. ZPARAM NAME: ACCELMODEL IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zFCPPRC	CHAR	1	(IBM name: QWP1ACFCPPRC) SPECIFIES THE BEHAVIOR FOR DFSMSdss FLASHCOPY REQUESTS WHEN THE TARGET DISK STORAGE VOLUME IS THE PRIMARY DEVICE IN A PEER-TO-PEER REMOTE COPY (METRO MIRROR) RELATIONSHIP. THIS FIELD CORRESPONDS TO FIELD 'FLASHCOPY PPRC' ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: FLASHCOPY_PPRC.
zRFRP	CHAR	1	(IBM name: QWP1ACRFRP) SPECIFIES HOW THE RECOVER UTILITY DIRECTS DFSMSdss COPY TO RESTORE AN IMAGE COPY THAT WAS CREATED WITH FLASHCOPY. THIS FIELD CORRESPONDS TO FIELD 'FAST RESTORE' ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: REC_FASTREPLICATION.
z_BIF_COMPAT	CHAR	1	(IBM name: QWP1AC_BIF_COMPAT) SPECIFIES WHETHER THE CHAR OR VARCHAR FUNCTION WITH DECIMAL INPUT OR CAST OF CHAR OR VARCHAR TO DECIMAL RETURNS RESULTS IN DB2 9.1 FOR Z/OS FORMAT OR IN THE FORMAT FOR THE CURRENT DB2 VERSION. THIS FIELD CORRESPONDS TO FIELD 'BIF COMPATIBILITY' ON INSTALLATION PANEL DSNTIPX. ZPARAM NAME: BIF_COMPATIBILITY IN DSN6SPRM.
zSTMN	CHAR	1	(IBM name: QWP1ACSTMN) SPECIFIES WHETHER DB2 MANAGES REAL STORAGE CONSUMPTION. THIS FIELD CORRESPONDS TO FIELD 'MANAGE REAL STORAGE' ON INSTALLATION PANEL DSNTIPE. ZPARAM NAME: REALSTORAGE_MANAGEMENT IN DSN6SPRM.
zCQAC	INT (ENUM)	2	(IBM name: QWP1ACCQAC) THE DEFAULT FOR THE QUERY ACCELERATION SPECIAL REGISTER: X'0000' = NONE. X'0010' = ENABLE. X'0011' = ENABLE_WITH_FAILBACK. X'8000' = ELIGIBLE. X'4000' = ALL. THIS FIELD CORRESPONDS TO FIELD 'CURRENT QUERY ACCEL' ON INSTALLATION PANEL DSNTIP81. ZPARAM NAME: QUERY_ACCELERATION IN DSN6SPRM.
zCFRP	CHAR	1	(IBM name: QWP1ACCFRP) FASTREPLICATION TYPE FOR CHECK UTILITIES: 'N': FASTREPLICATION(NONE). 'P': FASTREPLICATION(PREFERRED). 'R': FASTREPLICATION(REQUIRED). THIS FIELD CORRESPONDS TO FIELD 'FAST REPLICATION' IN INSTALLATION PANEL DSNTIP6. ZPARAM NAME: CHECK_FASTREPLICATION IN DSN6SPRM.
zMTAD	CHAR	1	(IBM name: QWP1ACMTAD) %U SPECIFIES THE DEFAULT FOR THE SYSIBMADM.MOVE_TO_ARCHIVE BUILT-IN GLOBAL VARIABLE. POSSIBLE VALUES ARE: 'Y': DELETING A ROW IN AN ARCHIVE-ENABLED TABLE RESULTS IN STORING A COPY OF THE DELETED ROW IN THE ASSOCIATED ARCHIVE TABLE. WHEN THE GLOBAL VARIABLE IS SET TO 'Y', AN INSERT OR UPDATE OPERATION THAT SPECIFIES THE ARCHIVE-ENABLED TABLE AS THE TARGET RETURNS AN ERROR. 'E': DELETING A ROW IN AN ARCHIVE-ENABLED TABLE RESULTS IN STORING A COPY OF THE DELETED ROW IN THE ASSOCIATED ARCHIVE TABLE. 'N': DELETING A ROW IN AN ARCHIVE-ENABLED TABLE DOES NOT RESULT IN STORING OF A COPY OF THE DELETED ROW IN THE ASSOCIATED ARCHIVE TABLE. ZPARAM NAME: MOVE_TO_ARCHIVE_DEFAULT IN DSN6SPRM.
zFCXC	CHAR	1	(IBM name: QWP1ACFCXC)\n
zSHDE	CHAR	1	(IBM name: QWP1ACSHDE) SPECIFIES WHETHER DB2 SUPPRESSES SQLCODE +394 OR +395: POSSIBLE VALUES ARE: 'A': ALL SQLCODE +394 AND +395 OCCURRENCES ARE SUPPRESSED. 'N': NO SQLCODE +394 AND +395 OCCURRENCES ARE SUPPRESSED. 'S': ONLY SQLCODE +394 AND +395 OCCURRENCES FOR STATEMENT-LEVEL

			OPTIMIZATION HINTS FOR DYNAMIC SQL ARE SUPPRESSED. ZPARAM NAME: SUPPRESS_HINT_SQLCODE_DYN IN DSN6SPRM.
zRPSN	CHAR	1	(IBM name: QWP1ACRPSN) SPECIFIES THE DEFAULT METHOD OF BUILDING A NON-PARTITIONED SECONDARY INDEX DURING REORG TABLESPACE PART. THIS SETTING IS USED WHEN THE SORTNPSI KEYWORD IS NOT SPECIFIED IN A UTILITY CONTROL STATEMENT. POSSIBLE VALUES ARE: 'A': AUTO. 'D': DISABLE. 'E': ENABLE. THIS FIELD CORRESPONDS TO FIELD 'REORG PART SORT NPSI' IN INSTALLATION PANEL DSNTIP61. ZPARAM NAME: REORG_PART_SORT_NPSI IN DSN6SPRM.
zRLPR	CHAR	1	(IBM name: QWP1ACRLPR) SPECIFIES THE DEFAULT VALUE FOR THE REORG TABLESPACE PARALLEL OPTION. ZPARAM NAME: REORG_LIST_PROCESSING IN DSN6SPRM.
zWFAL	INT	4	(IBM name: QWP1ACWFAL) MAXIMUM AMOUNT OF TEMPORARY STORAGE IN MEGABYTES FOR EACH AGENT. THIS FIELD CORRESPONDS TO FIELD 'MAX TEMP STORAGE' ON INSTALLATION PANEL DSNTIP9. ZPARAM NAME: MAXTEMPS.
zADMT	CHAR	8	(IBM name: QWP1ACADMT) NAME OF THE JCL PROCEDURE FOR STARTING THE DB2 ADMINISTRATIVE SCHEDULER TASK ADDRESS SPACE.
zEXQRY	INT	4	(IBM name: QWP1ACEXQRY) (S)
zWFRD	INT	4	(IBM name: QWP1ACWFRD) MAXIMUM NUMBER OF RID BLOCKS OF TEMPORARY STORAGE IN THE WORK FILE DATABASE THAT A SINGLE RID LIST CAN USE AT ANY POINT IN TIME. THIS FIELD CORRESPONDS TO FIELD 'MAX TEMP RID' ON INSTALLATION PANEL DSNTIP9. ZPARAM NAME: MAXTEMPS_RID.
zQACO	INT (ENUM)	4	(IBM name: QWP1ACQACO) QUERY_ACCEL_OPTIONS
zCGAA	HEX	1	(IBM name: QWP1ACCGAA) SPECIFIES THE DEFAULT VALUE FOR THE CURRENT GET_ACCEL_ARCHIVE SPECIAL REGISTER. POSSIBLE VALUES ARE: '0': WHEN A TABLE IS ARCHIVED IN AN ACCELERATOR SERVER, THE TABLE REFERENCE DOES NOT INCLUDE ARCHIVED DATA. '1': WHEN A TABLE IS ARCHIVED IN AN ACCELERATOR SERVER, THE TABLE REFERENCE INCLUDES ARCHIVED DATA. ZPARAM NAME: GET_ACCEL_ARCHIVE IN DSN6SPRM.
zRSDC	CHAR	8	(IBM name: QWP1ACRSDC) NAME OF THE DFSMSHSM DUMP CLASS USED BY THE RESTORE SYSTEM UTILITY TO RESTORE FROM A SYSTEM-LEVEL BACKUP THAT HAS BEEN DUMPED TO TAPE. THIS FIELD CORRESPONDS TO FIELD 'DUMP CLASS NAME' ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: UTILS_DUMP_CLASS_NAME IN DSN6SPRM.
zRSMT	INT	2	(IBM name: QWP1ACRSMT) MAXIMUM NUMBER OF TAPE UNITS OR TAPE DRIVES THAT THE RESTORE SYSTEM UTILITY CAN USE TO RESTORE FROM A SYSTEM-LEVEL BACKUP THAT HAS BEEN DUMPED TO TAPE. THIS FIELD CORRESPONDS TO FIELD 'MAXIMUM TAPE UNITS' ON INSTALLATION PANEL DSNTIP6. ZPARAM NAME: RESTORE_TAPEUNITS IN DSN6SPRM.
zMXDC	INT	2	(IBM name: QWP1ACMXDC) MAXIMUM AMOUNT OF VIRTUAL MEMORY, IN MEGABYTES, ALLOCATED FOR DATA CACHING. THIS FIELD CORRESPONDS TO FIELD 'MAX DATA CACHING' ON INSTALLATION PANEL DSNTIP8. ZPARAM NAME: MXDTCACH IN DSN6SPRM.
zSKLC	INT	4	(IBM name: QWP1ACSKLC) ON INSTALLATION PANEL DSNTIPC. ZPARAM NAME: EDM_SKELETON_POOL IN DSN6SPRM.
zABVC	INT	4	(IBM name: QWP1ACABVC) ZPARAM NAME: EDM_ABOVE_2GB IN DSN6SPRM.
zMXAB	INT	2	

			(IBM name: QWP1ACMXAB) MAXIMUM NUMBER OF PACKAGE REQUESTS THAT CAN BE PROCESSED SIMULTANEOUSLY. ZPARM NAME: MAX_CONCURRENT_PKG_OPS IN DSN6SPRM.
zPMSC	CHAR	1	(IBM name: QWP1ACPMSC) SPECIFIES WHETHER THE PLANMGMT SETTING APPLIES TO STATIC SQL, DYNAMIC SQL, OR BOTH: 'A': APPLIES TO ALL SQL. 'D': APPLIES TO DYNAMIC SQL. 'S': APPLIES TO STATIC SQL. ZPARM NAME: PLANMGMTSCOPE IN DSN6SPRM.
zFCCD_Off	INT	2	(IBM name: QWP1ACFCCD_Off) OFFSET FROM THE BEGINNING OF QWP4 TO QWP4FCCD.

SMF102_SPRM.zMS4F.<fieldname>

zDEIPC	BIT	1	(S) X'80'.
zRACD	BIT	1	X'40'. YES=PREVENT USE OF ALTER TABLE ALTER COLUMN WITH SET DATA TYPE, SET DEFAULT, AND DROP DEFAULT WHEN DATA CAPTURE CHANGES IS ENABLED ON THE TARGET TABLE. ZPARM NAME: RESTRICT_ALT_COL_FOR_DCC IN DSN6SPRM.
zRSO	BIT	1	X'01'. SPECIFIES WHETHER DB2 IMMEDIATELY REJECTS A REQUEST FOR A STOPPED OBJECT,OR RETRIES THE REQUEST. 0=REJECT REQUEST. 1=RETRY REQUEST. ZPARM NAME: RETRY_STOPPED_OBJECTS IN DSN6SPRM.

SMF102_SPRM.zFCPH.<fieldname>

zFCGP	BIT	1	X'80': YES=THE COPY UTILITY USES THE SUBSYSTEM PARAMETER SETTINGS FOR FLASHCOPY AND FCCOPYDDN WHEN THOSE KEYWORDS ARE NOT PRESENT IN THE UTILITY CONTROL STATEMENT. ZPARM NAME: FLASHCOPY_COPY IN DSN6SPRM.
zFCLD	BIT	1	X'40': YES=THE LOAD UTILITY USES THE SUBSYSTEM PARAMETER SETTINGS FOR FLASHCOPY, FCCOPYDDN AND FCAUXOBS WHEN THOSE KEYWORDS ARE NOT PRESENT IN THE UTILITY CONTROL STATEMENT. ZPARM NAME: FLASHCOPY_LOAD IN DSN6SPRM.
zFCROT	BIT	1	X'20': YES=THE REORG TABLESPACE UTILITY USES THE SUBSYSTEM PARAMETER SETTINGS FOR FLASHCOPY, FCCOPYDDN, AND FCAUXOBS WHEN THOSE KEYWORDS ARE NOT PRESENT IN THE UTILITY CONTROL STATEMENT. ZPARM NAME: FLASHCOPY_REORG_TS IN DSN6SPRM.
zFCRBI	BIT	1	X'10': YES=THE REBUILD INDEX UTILITY USES THE SUBSYSTEM PARAMETER SETTINGS FOR FLASHCOPY AND FCCOPYDDN WHEN THOSE KEYWORDS ARE NOT PRESENT IN THE UTILITY CONTROL STATEMENT. ZPARM NAME: FLASHCOPY_REBUILD_INDEX IN DSN6SPRM.
zFCROI	BIT	1	X'08': YES=THE REORG INDEX UTILITY USES THE SUBSYSTEM PARAMETER SETTINGS FOR FLASHCOPY AND FCCOPYDDN WHEN THOSE KEYWORDS ARE NOT PRESENT IN THE UTILITY CONTROL STATEMENT. ZPARM NAME: FLASHCOPY_REORG_INDEX IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zCDDC	CHAR	8	(IBM name: QWP1ACDDC) SMS DATA CLASS FOR DB2 CATALOG DATA SETS. FIELD 'DIRECTORY AND CATALOG DATA' ON INSTALLATION PANEL DSNTIPA3. ZPARM NAME: CATDDACL IN DSN6SPRM.
zCDMC	CHAR	8	(IBM name: QWP1ACDMC) SMS MANAGEMENT CLASS FOR DB2 CATALOG DATA SETS. FIELD 'DIRECTORY AND CATALOG DATA' ON INSTALLATION PANEL DSNTIPA3. ZPARM NAME: CATDMGCL IN DSN6SPRM.
zCDSC	CHAR	8	(IBM name: QWP1ACDSC) SMS STORAGE CLASS FOR DB2 CATALOG DATA SETS FIELD 'DIRECTORY AND CATALOG DATA' ON INSTALLATION PANEL DSNTIPA3. ZPARM NAME: CATDSTCL IN DSN6SPRM.
zCXDC	CHAR	8	

			(IBM name: QWP1ACCXDC) SMS DATA CLASS FOR DB2 CATALOG INDEX DATA SETS. FIELD 'DIRECTORY AND CATALOG INDEXES' ON INSTALLATION PANEL DSNTIPA3. ZPARAM NAME: CATXDACL IN DSN6SPRM.
zCXMC	CHAR	8	(IBM name: QWP1ACCXMC) SMS MANAGEMENT CLASS FOR DB2 CATALOG INDEX DATA SETS. FIELD 'DIRECTORY AND CATALOG INDEXES' ON INSTALLATION PANEL DSNTIPA3. ZPARAM NAME: CATXMGCL IN DSN6SPRM.
zCXSC	CHAR	8	(IBM name: QWP1ACCXSC) SMS STORAGE CLASS FOR DB2 CATALOG INDEX DATA SETS. FIELD 'DIRECTORY AND CATALOG INDEXES' ON INSTALLATION PANEL DSNTIPA3. ZPARAM NAME: CATXSTCL IN DSN6SPRM.
zIAST	INT	2	(IBM name: QWP1ACIAST) (S)
zRVDPR	CHAR	1	(IBM name: QWP1ACRVDPR) SPECIFIES WHETHER TO INCLUDE DEPENDENT PRIVILEGES ON REVOKE: 'Y': ENFORCE INCLUSION OF DEPENDENT PRIVILEGES. 'N': ENFORCE EXCLUSION OF DEPENDENT PRIVILEGES. 'S': USE THE REVOKE STATEMENT SPECIFICATION. THIS FIELD CORRESPONDS TO FIELD 'REVOKE DEP PRIV' ON INSTALLATION PANEL DSNTIPP1. ZPARAM NAME: REVOKE_DEP_PRIVILEGES IN DSN6SPRM.
zSEPSD	CHAR	1	(IBM name: QWP1ACSEPSD) SPECIFIES WHETHER TO SEPARATE DB2 SECURITY ADMINISTRATOR DUTIES FROM DB2 SYSTEM ADMINISTRATOR DUTIES. REVOKE: 'Y': SYSADM CANNOT MANAGE SECURITY OBJECTS SUCH AS ROLES AND TRUSTED CONTEXTS. SYSCTRL CANNOT MANAGE ROLES. 'N': SECADM OR ACCESSCTRL AUTHORITY IS REQUIRED FOR SECURITY ADMINISTRATION. THIS FIELD CORRESPONDS TO FIELD 'SEPARATE SECURITY' ON INSTALLATION PANEL DSNTIPP1. ZPARAM NAME: SEPARATE_SECURITY IN DSN6SPRM.
zSECA1_Type	CHAR	1	(IBM name: QWP1ACSECA1_Type) %U SECURITY ADMINISTRATOR 1 TYPE: ' ': AUTHORIZATION ID. 'L': ROLE. THIS FIELD CORRESPONDS TO FIELD 'SEC ADMIN 1 TYPE' ON INSTALLATION PANEL DSNTIPP1. ZPARAM NAME: SECADM1_TYPE IN DSN6SPRM.
zSECA2_Type	CHAR	1	(IBM name: QWP1ACSECA2_Type) %U SECURITY ADMINISTRATOR 2 TYPE: ' ': AUTHORIZATION ID. 'L': ROLE. THIS FIELD CORRESPONDS TO FIELD 'SEC ADMIN 2 TYPE' ON INSTALLATION PANEL DSNTIPP1. ZPARAM NAME: SECADM2_TYPE IN DSN6SPRM.
zSECA1_E	CHAR	8	(IBM name: QWP1ACSECA1_E) SECURITY ADMINISTRATOR 1 AUTHORIZATION ID. IF QWP4SECA1_OFF IS NOT 0, THIS VALUE IS TRUNCATED. THIS VALUE IS BLANK IF THE AUTHORITY IS HELD BY A ROLE. THIS FIELD CORRESPONDS TO FIELD 'SECURITY ADMIN 1' ON INSTALLATION PANEL DSNTIPP1. ZPARAM NAME: SECADM1 IN DSN6SPRM.
zSECA1_Off	INT	2	(IBM name: QWP1ACSECA1_Off) OFFSET FROM QWP4 TO QWP4SECA1_LEN.
zSECA2_E	CHAR	8	(IBM name: QWP1ACSECA2_E) SECURITY ADMINISTRATOR 2 AUTHORIZATION ID. IF QWP4SECA2_OFF IS NOT 0, THIS VALUE IS TRUNCATED. THIS VALUE IS BLANK IF THE AUTHORITY IS HELD BY A ROLE. THIS FIELD CORRESPONDS TO FIELD 'SECURITY ADMIN 2' ON INSTALLATION PANEL DSNTIPP1. ZPARAM NAME: SECADM2 IN DSN6SPRM.
zSECA2_Off	INT	2	(IBM name: QWP1ACSECA2_Off) OFFSET FROM QWP4 TO QWP4SECA2_LEN.

SMF102_SPRM.zMIS7.<fieldname>

zSA1X	BIT	1	(S) X'80'.
zSA2X	BIT	1	(S) X'40'.
zTPXF	BIT	1	(S) X'20'.

zRIDNOWF	BIT	1	(S) X'10'.
zO1RBS	BIT	1	X'08'. YES=ENABLE: WHEN OPTIMIZE FOR 1 ROW IS USED WITH A QUERY, AND A POSSIBLE ACCESS PATH AVOIDS A SORT, DB2 CHOOSES THAT ACCESS PATH. NO=DISABLE: DB2 IS UNLIKELY TO CHOOSE SORT ACCESS PATHS, BUT IN RARE CASES, A SORT ACCESS PATH IS CHOSEN. THIS IS THE BEHAVIOR FOR DB2 9 AND PREVIOUS RELEASES. ZPARAM NAME: OPT1ROWBLOCKSORT IN DSN6SPRM.
zCSCP	BIT	1	X'01'. YES=SET OBJECT IN CHECK-PENDING STATUS WHEN THE CHECK UTILITY DETECTS AN INCONSISTENCY. THIS FIELD CORRESPONDS TO FIELD SET CHECK PENDING ON INSTALLATION PANEL DSNTIP61. ZPARAM NAME: CHECK_SETCHKP IN DSN6SPRM.

SMF102_SPRM.<fieldname>

zRSLV	CHAR	1	(IBM name: QWP1ACRSLV) 'Y'=RESOLVE PRIVATE PROTOCOL ALIASES. A VALUE OF YES MEANS THAT IN SQL STATEMENTS, DB2 REPLACES ALIASES THAT REFER TO THREE-PART NAMES WITH QUALIFIED OBJECT NAMES BEFORE IT SENDS THE STATEMENTS TO THE REMOTE LOCATION. THIS SUBSTITUTION IS DONE IN THE FOLLOWING CASES: - WHEN PREPARE OR EXECUTE IMMEDIATE IS PERFORMED - WHEN REMOTE BIND OF A PACKAGE IS PERFORMED ZPARAM NAME: DRDA_RESOLVE_ALIAS IN DSN6SPRM.
-------	------	---	--

SMF102_SPRM.zPARA.<fieldname>

zPFLG	HEX	1	(IBM name: QWP1ACPFLG) FLAGS: (S)
zRACK	CHAR	1	(IBM name: QWP1ACRACK) SPECIFIES WHETHER THE DB2 AUTHORIZATION ID OR THE RACF PRIMARY AUTHORIZATION ID IS TO BE USED FOR AUTHORIZATION CHECKS, WHEN THE ACCESS CONTROL AUTHORIZATION EXIT IS ACTIVE: 'P': DB2 PROVIDES: - THE ACEE OF THE PACKAGE OWNER TO PERFORM STATEMENT AUTHORIZATION CHECKS DURING AUTOMATIC REBIND, BIND AND REBIND PROCESSING - THE ACEE OF THE PACKAGE OWNER OR ROUTINE DEFINER OR ROUTINE INVOKER, AS DETERMINED BY THE DYNAMICRULES BEHAVIOR FOR DYNAMIC SQL AUTHORIZATION CHECKING WHEN A DYNAMICRULES BIND OPTION VALUE OTHER THAN RUN IS IN EFFECT. THE ACCESS CONTROL AUTHORIZATION EXIT USES THE ACEE FOR THE XAPLUCHK AUTHORIZATION ID FIELD TO PERFORM THE AUTHORIZATION. THE AUTHORIZATION ID IN XAPLUCHK MUST BE DEFINED AS A RACF USER AND MUST HAVE THE PRIVILEGES REQUIRED TO EXECUTE THE SQL STATEMENTS IN THE PACKAGE. 'D': DB2 PROVIDES THE ACEE OF THE PRIMARY AUTHORIZATION ID FOR PERFORMING ALL AUTHORIZATION CHECKS. THE PRIMARY AUTHORIZATION ID MUST HAVE THE PRIVILEGES REQUIRED TO EXECUTE THE SQL STATEMENTS IN THE PACKAGE. THIS FIELD CORRESPONDS TO FIELD 'RACF AUTH CHECK' ON INSTALLATION PANEL DSNTIPP. ZPARAM NAME: RACF_AUTHCHECK IN DSN6SPRM.
zIMWF	INT	2	(IBM name: QWP1ACIMWF) (S)
zPELM	INT	2	(IBM name: QWP1ACPELM) (S)
zPLMR	INT	2	(IBM name: QWP1ACPLMR) (S)
zPLMS	INT	4	(IBM name: QWP1ACPLMS) (S)

SMF102_SPRM.<fieldname>

zHASH	CHAR	1	(IBM name: QWP1ACHASH) (S)
zMIS8	HEX	1	(IBM name: QWP1ACMIS8) MORE FLAGS: (S)

SMF102_SPRM.zMIS9.<fieldname>			
zDRGL	BIT	1	(S) X'80'.
zGRGL	BIT	1	(S) X'40'.
zINLTBL	BIT	1	(S) X'20'.
zPRDPD	BIT	1	(S) X'10'.
zTBLVMG	BIT	1	(S) X'08'.
zEPMH	BIT	1	(S) X'04'.
zDEDR	BIT	1	X'01'. YES=DISABLE USE OF EDM REAL-TIME STATISTICS. ZPARM NAME: DISABLE_EDMRTS IN DSN6SPRM.

SMF102_SPRM.zMISA.<fieldname>			
zOBCF	BIT	1	X'80'. 1=CREATE NEW TABLE SPACES AND INDEXES IN EXTENDED LOG RECORD FORMAT. 0=CREATE NEW TABLE SPACES AND INDEXES IN BASIC LOG RECORD FORMAT. ZPARM NAME: OBJECT_CREATE_FORMAT IN DSN6SPRM.
zUTO1	BIT	1	X'40'. QWP4UTO1=0 AND QWP4UTO2=0: NONE.
zUTO2	BIT	1	X'20'. QWP4UTO1=0 AND QWP4UTO2=1: EXTENDED. QWP4UTO1=1 AND QWP4UTO2=0: BASIC. QWP4UTO1=1 AND QWP4UTO2=1: NOBASIC.
zN4504	BIT	1	(S) X'10'.
zPKRC	BIT	1	X'08'. 1=THE FOLLOWING OPERATIONS ON A PACKAGE THAT IS BOUND WITH RELEASE(DEALLOCATE) ARE PERMITTED WHILE THE PACKAGE IS ACTIVE AND IS ALLOCATED BY DB2: - BIND AND REBIND REQUESTS, INCLUDING AUTOMATIC REBIND - DATA DEFINITION LANGUAGE CHANGES TO OBJECTS THAT ARE STATICALLY REFERENCED BY THE PACKAGE ZPARM NAME: PKGREL_COMMIT IN DSN6SPRM.
zRPBG	BIT	1	X'04'. 1=WHEN REORG COMPLETES, REORG DROPS EMPTY, TRAILING PARTITIONS IN A PARTITION-BY-GROWTH TABLE SPACE. THIS FIELD CORRESPONDS TO FIELD REORG DROP PBG PARTS ON INSTALLATION PANEL DSNTIP61. ZPARM NAME: REORG_DROP_PBG_PARTS IN DSN6SPRM.
zTPTM	BIT	1	X'02'. 0=UTC, 1=LOCAL. SPECIFIES THE DEFAULT SETTING FOR THE TIME OPTION OF THE TEMPLATE UTILITY CONTROL STATEMENT. THIS FIELD CORRESPONDS TO FIELD TEMPLATE TIME ON INSTALLATION PANEL DSNTIP6. ZPARM NAME: TEMPLATE_TIME IN DSN6SPRM.

SMF102_SPRM.<fieldname>			
zAECR	CHAR	1	(IBM name: QWP1ACAECR) SPECIFIES WHETHER THE PACKAGE AUTHORIZATION CACHE, ROUTINE AUTHORIZATION CACHE, AND DYNAMIC STATEMENT CACHE ENTRIES ARE REFRESHED WHEN AN ACCESS CONTROL AUTHORIZATION EXIT IS ACTIVE, AND THE USER PROFILE IS CHANGED IN RACF. POSSIBLE VALUES ARE: 'A': ALL. 'N': NONE. THIS FIELD CORRESPONDS TO FIELD AUTH EXIT CACHE REFR IN INSTALLATION PANEL DSNTIPP. ZPARM NAME: AUTHEXIT_CACHEREFRESH IN DSN6SPRM.

SMF102_SPRM.zXML0.<fieldname>			
zNOET	BIT	1	X'80'. YES=SERIALIZE AN EMPTY XML ELEMENT AS A START-ELEMENT TAG FOLLOWED BY AN END-ELEMENT TAG. ZPARM NAME: XML_RESTRICT_EMPTY_TAG IN DSN6SPRM.

SMF102_SPRM.<fieldname>			
zDLRU	INT	4	(IBM name: QWP1ACDLRU) (S)
zKLRU	INT	4	(IBM name: QWP1ACKLRU) (S)

zSLRU	INT	4	(IBM name: QWP1ACSLRU) (S)
zS1IL	INT	2	(IBM name: QWP1ACS1IL) MAXIMUM LENGTH IN BYTES OF LOB COLUMNS IN THE SPT01 DIRECTORY SPACE THAT ARE MAINTAINED IN THE BASE TABLE. THIS FIELD CORRESPONDS TO FIELD SPT01 INLINE LENGTH ON INSTALLATION PANEL DSNTIPA2. ZPARAM NAME: SPT01_INLINE_LENGTH IN DSN6SPRM.
zATRC	INT	2	(IBM name: QWP1ACATRC) (S)
zRMDB	CHAR	8	(IBM name: QWP1ACRMDB) THE DEFAULT DATABASE IN WHICH REORG TABLESPACE SHRLEVEL CHANGE IMPLICITLY CREATES THE MAPPING TABLE. THIS FIELD CORRESPONDS TO FIELD RECORD MAPPING DB ON INSTALLATION PANEL DSNTIP61. ZPARAM NAME: RECORD_MAPPING_TABLE IN DSN6SPRM.
zMIMTS	INT	4	(IBM name: QWP1ACMIMTS) THE MAXIMUM AMOUNT OF STORAGE IN KILOBYTES TO ALLOCATE FOR SORTING THE RESULTS OF EACH QUERY THAT CONTAINS THE ORDER BY CLAUSE, THE GROUP BY CLAUSE, OR BOTH. THIS FIELD CORRESPONDS TO FIELD MAX IN-MEMORY SORT SIZE IN INSTALLATION PANEL DSNTIPC. ZPARAM NAME: MAXSORT_IN_MEMORY IN DSN6SPRM.
zMUSE	HEX	2	(IBM name: QWP1ACMUSE) (S)
zIXCU	INT	2	(IBM name: QWP1ACIXCU) THE MAXIMUM NUMBER OF THREADS THAT CAN BE CREATED TO CLEAN UP PSEUDO-DELETED INDEX ENTRIES ON A DATA SHARING MEMBER OF A SUBSYSTEM. THIS FIELD CORRESPONDS TO FIELD INDEX CLEANUP THREADS ON INSTALLATION PANEL DSNTIPE1. ZPARAM NAME: INDEX_CLEANUP_THREADS IN DSN6SPRM.
zDEGD	INT	4	(IBM name: QWP1ACDEGD) THE MAXIMUM DEGREE OF PARALLELISM FOR A PARALLEL GROUP IN WHICH A DATA-PARTITIONED SECONDARY INDEX IS USED TO CONTROL PARALLELISM. THIS FIELD CORRESPONDS TO FIELD MAX DEGREE FOR DPSI ON INSTALLATION PANEL DSNTIP81. ZPARAM NAME: PARAMDEG_DPSI IN DSN6SPRM.
zAPCO	CHARVARYING	12	(IBM name: QWP1ACAPCO) %U SPECIFIES THE DB2 LEVEL FOR DOWNWARD COMPATIBILITY WITH APPLICATIONS. ZPARAM NAME: APPLCOMPAT IN DSN6SPRM.

SMF102_SPRM.zMISA1.<fieldname>

zMNSU	BIT	1	X'80'. YES=DB2 MATERIALIZES THE RESULT OF A USER-DEFINED SQL TABLE FUNCTION THAT IS DEFINED AS NOT DETERMINISTIC. ZPARAM NAME: MATERIALIZE_NODET_SQLTUDF IN DSN6SPRM.
zDSINUN	BIT	1	
zALFTB	BIT	1	

SMF102_SPRM.<fieldname>

zSFBS	CHAR	1	(IBM name: QWP1ACSFBS) SPECIFIES THE SCOPE OF SQL STATEMENTS FOR WHICH DB2 IS TO RECOMMEND STATISTICS. THE VALUES ARE: 'A'=ALL, 'D'=DYNAMIC, 'N'=NONE, 'S'=STATIC. THIS VALUE CORRESPONDS TO FIELD STATISTICS FEEDBACK ON INSTALLATION PANEL DSNTIPO. ZPARAM NAME: STATFDBK_SCOPE IN DSN6SPRM.
-------	------	---	---

SMF102_SPRM.zMISB.<fieldname>

zLBIN	BIT	1	X'80'. 1=BLANKS ARE NOT SIGNIFICANT WHEN DB2 APPLIES THE LIKE PREDICATE TO A STRING. BLANKS ARE SIGNIFICANT IN V10 AND EARLIER. THIS SETTING CORRESPONDS TO FIELD LIKE BLANK INSIGNIFICANT ON INSTALLATION PANEL DSNTIP41. ZPARAM NAME: LIKE_BLANK_INSIGNIFICANT IN DSN6SPRM.
-------	-----	---	---

zERTS	BIT	1	X'40'. 1=ALLOW RENAME TABLE FOR A TABLE THAT IS REFERENCED IN A VIEW DEFINITION OR SQL TABLE FUNCTION. THIS SETTING CORRESPONDS TO FIELD RENAME TABLE ON INSTALLATION PANEL DSNTIP72. ZPARAM NAME: RENAMETABLE IN DSN6SPRM.
zPALK	BIT	1	X'20'. YES=DISABLE ALTERING OF LIMIT KEY VALUES THROUGH ALTER TABLE FOR INDEX-CONTROLLED PARTITIONED TABLE SPACES. ZPARAM NAME: PREVENT_NEW_IXCTRL_PART IN DSN6SPRM.
zPCIP	BIT	1	X'10'. YES=PREVENT CREATION OF NEW INDEX-CONTROLLED PARTITIONED TABLE SPACES. ZPARAM NAME: PREVENT_NEW_IXCTRL_PART IN DSN6SPRM.
z_SMCDIRTYOFF	BIT	1	(S)
zN2645_1	BIT	1	

SMF102_SPRM.<fieldname>

zPFUP	INT	2	(IBM name: QWP1ACPFUP) SPECIFIES THE DEFAULT PERCENTAGE OF EACH PAGE THAT DB2 LEAVES AS FREE SPACE IN A TABLE SPACE WHEN A TABLE IN THAT TABLE SPACE IS POPULATED. THIS VALUE APPLIES ONLY TO TABLE SPACES WHOSE DEFINITIONS DO NOT INCLUDE PCTFREE AND FOR UPDATE. THIS VALUE CORRESPONDS TO FIELD PERCENT FREE FOR UPDATE ON INSTALLATION PANEL DSNTIP71. ZPARAM NAME: PCTFREE_UPD IN DSN6SPRM.
zQRWD	INT	4	(IBM name: QWP1ACQRWD) SPECIFIES THE LEVEL OF QUERY REWRITE THAT DB2 PERFORMS. THE VALUES ARE: 0=NONE. 1=ENABLE DEFAULT QUERY REWRITE. 2=ENABLE ADVANCED QUERY REWRITE. ZPARAM NAME: QUERY_REWRITE_DEGREE IN DSN6SPRM.
zN0193A	INT	4	(IBM name: QWP1ACN0193A) (S)
zN0193B	INT	4	(IBM name: QWP1ACN0193B) (S)
zWFSAT	INT	2	(IBM name: QWP1ACWFSAT) SPECIFIES THE PERCENTAGE OF SPACE THAT IS USED IN THE WORK FILE DATABASE BY A SINGLE AGENT WHEN DB2 ISSUES A WARNING MESSAGE. THIS VALUE CORRESPONDS TO FIELD AGENT LEVEL THRESHOLD ON INSTALLATION PANEL DSNTIP91. ZPARAM NAME: WFSTGUSE_AGENT_THRESHOLD IN DSN6SPRM.
zWFSST	INT	2	(IBM name: QWP1ACWFSST) SPECIFIES THE PERCENTAGE OF SPACE THAT IS USED IN THE WORK FILE DATABASE BY ALL AGENTS IN A DB2 SUBSYSTEM OR DATA SHARING MEMBER WHEN DB2 ISSUES A WARNING MESSAGE. THIS VALUE CORRESPONDS TO FIELD SYSTEM LEVEL THRESHOLD ON INSTALLATION PANEL DSNTIP91. ZPARAM NAME: WFSTGUSE_SYSTEM_THRESHOLD IN DSN6SPRM.
zBSACP	CHAR	16	(IBM name: QWP1ACBSACP) SPECIFIES THE NAME OF AN ALTERNATE SMS COPY POOL FOR THE BACKUP SYSTEM UTILITY. DB2 AUTOMATICALLY ALTERNATES SYSTEM-LEVEL BACKUP IS CREATED. THIS VALUE CORRESPONDS TO FIELD ALTERNATE COPY POOL ON INSTALLATION PANEL DSNTIP62. ZPARAM NAME: ALTERNATE_CP IN DSN6SPRM.
zJDBSG	CHAR	8	(IBM name: QWP1ACUDBSG) SPECIFIES THE NAME OF A BACKUP SMS STORAGE GROUP THAT THE BACKUP SYSTEM UTILITY USES FOR THE DATABASE COPY POOL. THIS VALUE CORRESPONDS TO FIELD DB BACKUP STG GROUP ON INSTALLATION PANEL DSNTIP62. ZPARAM NAME: UTIL_DBBSG IN DSN6SPRM.
zULBSG	CHAR	8	(IBM name: QWP1ACULBSG) SPECIFIES THE NAME OF A BACKUP SMS STORAGE GROUP THAT THE BACKUP SYSTEM UTILITY USES FOR THE LOG COPY POOL. THIS VALUE CORRESPONDS TO FIELD LOG BACKUP STG GROUP ON INSTALLATION PANEL DSNTIP62. ZPARAM NAME: UTIL_LGBSG IN DSN6SPRM.
zCYFR	CHAR	1	

			(IBM name: QWP1ACCYFR) SPECIFIES WHETHER, FOR THE COPY UTILITY, FLASHCOPY FAST REPLICATION IS PREFERRED ('P'), REQUIRED ('R'), OR NONE ('N'). THIS VALUE CORRESPONDS TO FIELD COPY FAST REPLICATION ON INSTALLATION PANEL DSNTIP61. ZPARAM NAME: COPY_FASTREPLICATION IN DSN6SPRM.
zDDLML	CHAR	1	(IBM name: QWP1ACDDLML) SPECIFIES WHEN DB2 MATERIALIZES CHANGES TO THE DEFINITION OF AN OBJECT. THIS VALUE CORRESPONDS TO FIELD DDL MATERIALIZATION ON INSTALLATION PANEL DSNTIP71. ZPARAM NAME: DDL_MATERIALIZATION IN DSN6SPRM.
zCDST	CHAR	1	(IBM name: QWP1ACCDST) SPECIFIES WHEN DYNAMIC SQL STATEMENTS CAN BE CAPTURED FOR STABILIZATION. THIS FIELD CORRESPONDS TO FIELD CACHE DYN STABILITY ON INSTALLATION PANEL DSNTIP8. ZPARAM NAME: CACHEDYN_STABILIZATION IN DSN6SPRM.
zZHYPL	CHAR	1	(IBM name: QWP1ACZHYPL)\n
zDYNPFSW	HEX	1	(IBM name: QWP1ACDYNPFSW) MORE FLAGS:
zPSPN	CHAR	1	(IBM name: QWP1ACPSPN) SPECIFIES WHETHER RANGE-PARTITIONED TABLE SPACES AND ASSOCIATED INDEXES ARE CREATED TO USE ABSOLUTE PAGE NUMBERING OR RELATIVE PAGE NUMBERING. THIS VALUE CORRESPONDS TO FIELD PAGE SET PAGE NUMBERING ON INSTALLATION PANEL DSNTIP71. ZPARAM NAME: PAGESET_PAGENUM IN DSN6SPRM.
zRDS_DM_BLKFI	INT	4	(IBM name: QWP1ACRDS_DM_BLKFI) (S)
zNIDX	INT	4	(IBM name: QWP1ACNIDX) (S)
zIXMC	INT	4	(IBM name: QWP1ACIXMC)\n
zUHMDH	CHAR	8	(IBM name: QWP1ACUHMDH) SPECIFIES THE HIGH-LEVEL QUALIFIER FOR DATA SETS THAT ARE ALLOCATED BY THE DB2 BACKUP SYSTEM AND RESTORE SYSTEM UTILITIES FOR RECEIVING DIAGNOSTIC MESSAGES FROM IBM HSM AND IBM DFDSS. THIS VALUE CORRESPONDS TO FIELD HSM MESSAGE DS HLQ ON INSTALLATION PANEL DSNTIP62. ZPARAM NAME: UTILS_HSM_MSGDS_HLQ IN DSN6SPRM.
zDINA	INT	2	(IBM name: QWP1ACDINA) SPECIFIES THE DEFAULT ALGORITHM FOR INSERTING DATA INTO TABLE SPACES. THIS VALUE CORRESPONDS TO FIELD DEFAULT INSERT ALGORITHM ON INSTALLATION PANEL DSNTIP71. ZPARAM NAME: DEFAULT_INSERT_ALGORITHM IN DSN6SPRM.

SMF102_SPRM.zMISD.<fieldname>

zCDRL	BIT	1	X'40'. SPECIFIES WHETHER DB2 COMPRESSES LOB TABLE SPACES IN THE DB2 DIRECTORY THE NEXT TIME THAT THE TABLE SPACES ARE REORGANIZED. 0=NO. 1=YES. THIS VALUE CORRESPONDS TO FIELD COMPRESS DB2 DIR LOBS ON INSTALLATION PANEL DSNTIPA2. ZPARAM NAME: COMPRESS_DIRLOB IN DSN6SPRM.
zSFPR	BIT	1	X'20'. SPECIFIES WHETHER STATISTICS RECOMMENDATIONS THAT ARE IDENTIFIED DURING QUERY OPTIMIZATION CAUSE DB2 TO MODIFY TO STATISTICS PROFILES. 1=YES. 0=NO. THIS VALUE CORRESPONDS TO FIELD STATS PROFILE FEEDBACK ON INSTALLATION PANEL DSNTIP8. ZPARAM NAME: STATFDBK_PROFILE IN DSN6SPRM.
zP1MT	BIT	1	X'10'. RESERVED.
zSDCRD	BIT	1	(S) X'08'.

SMF102_SPRM.<fieldname>

zIXMT	INT	4	(IBM name: QWP1ACIXMT)\n
-------	-----	---	--------------------------

SMF102_SPRM.zAUTC.<fieldname>			
zAUTCSU	BIT	1	X'80'. 1=THE UNLOAD UTILITY CHECKS WHETHER THE USER HAS THE SELECT PRIVILEGE ON THE TARGET TABLE. 0=THE UNLOAD UTILITY CHECKS WHETHER THE USER HAS THE UNLOAD PRIVILEGE ON THE TARGET TABLE.
sResv	BIT	7	reserved for AUTH_COMPATIBILITY
SMF102_SPRM.<fieldname>			
zDATE	CHAR	8	(IBM name: QWP1ACDATE) (S)

Secondary segment: **SMF102_SADM**

Field Name	Type	Len	Description
SMF102_SADM.<fieldname>			
zSADM_Len	INT	2	(IBM name: QWP1ACSADM_Len) LENGTH OF QWP4SADM_VAR.
zSADM_Var	XVCHAR	0 128	(IBM name: QWP1ACSADM_Var) %U SYSTEM ADMINISTRATOR USER ID 1 (INSTALL SYSADM).

Secondary segment: **SMF102_DFID**

Field Name	Type	Len	Description
SMF102_DFID.<fieldname>			
zDFID_Len	INT	2	(IBM name: QWP1ACDFID_Len) LENGTH OF QWP4DFID_VAR.
zDFID_Var	XVCHAR	0 128	(IBM name: QWP1ACDFID_Var) %U SYSTEM DEFAULT USER ID.

Secondary segment: **SMF102_ADM2**

Field Name	Type	Len	Description
SMF102_ADM2.<fieldname>			
zADM2_Len	INT	2	(IBM name: QWP1ACADM2_Len) LENGTH OF QWP4ADM2_VAR.
zADM2_Var	XVCHAR	0 128	(IBM name: QWP1ACADM2_Var) %U SYSTEM ADMINISTRATOR USER ID 2.

Secondary segment: **SMF102_OPR1**

Field Name	Type	Len	Description
SMF102_OPR1.<fieldname>			
zOPR1_Len	INT	2	(IBM name: QWP1ACOPR1_Len) LENGTH OF QWP4OPR1_VAR.

zOPR1_Var	XVCHAR	0 128	(IBM name: QWP1ACOPR1_Var) %U SYSTEM OPERATOR USER ID 1.
-----------	--------	----------	---

Secondary segment: **SMF102_OPR2**

Field Name	Type	Len	Description
<i>SMF102_OPR2.<fieldname></i>			
zOPR2_Len	INT	2	(IBM name: QWP1ACOPR2_Len) LENGTH OF QWP4OPR2_VAR.
zOPR2_Var	XVCHAR	0 128	(IBM name: QWP1ACOPR2_Var) %U SYSTEM OPERATOR USER ID 2.

Secondary segment: **SMF102_REGC**

Field Name	Type	Len	Description
<i>SMF102_REGC.<fieldname></i>			
zREGC_Len	INT	2	(IBM name: QWP1ACREGC_Len) LENGTH OF QWP4REGC_VAR.
zREGC_Var	XVCHAR	0 128	(IBM name: QWP1ACREGC_Var) %U DDL REGISTRATION TABLE OWNER.

Secondary segment: **SMF102_REGA**

Field Name	Type	Len	Description
<i>SMF102_REGA.<fieldname></i>			
zREGA_Len	INT	2	(IBM name: QWP1ACREGA_Len) LENGTH OF QWP4REGA_VAR.
zREGA_Var	XVCHAR	0 128	(IBM name: QWP1ACREGA_Var) %U DDL REGISTRATION APPLICATION REGISTRATION TABLE NAME.

Secondary segment: **SMF102_REGO**

Field Name	Type	Len	Description
<i>SMF102_REGO.<fieldname></i>			
zREGO_Len	INT	2	(IBM name: QWP1ACREGO_Len) LENGTH OF QWP4REGO_VAR.
zREGO_Var	XVCHAR	0 128	(IBM name: QWP1ACREGO_Var) %U DDL REGISTRATION OBJECT REGISTRATION TABLE NAME.

Secondary segment: **SMF102_OZUS**

Field Name	Type	Len	Description
<i>SMF102_OZUS.<fieldname></i>			

zOZUS_Len	INT	2	(IBM name: QWP1ACUZUS_Len) LENGTH OF QWP4OZUS_VAR.
zOZUS_Var	XVCHAR	0 128	(IBM name: QWP1ACUZUS_Var) %U ONLINE SYSTEM PARAMETER USER ID MONITOR.

Secondary segment: **SMF102_SECA1**

Field Name	Type	Len	Description
<i>SMF102_SECA1.<fieldname></i>			
zSECA1_Len	INT	2	(IBM name: QWP1ACSECA1_Len) LENGTH OF QWP4SECA1_VAR.
zSECA1_Var	XVCHAR	0 128	(IBM name: QWP1ACSECA1_Var) %U SECURITY ADMINISTRATOR 1 AUTHORIZATION ID.

Secondary segment: **SMF102_FCCD**

Field Name	Type	Len	Description
<i>SMF102_FCCD.<fieldname></i>			
zFCCD_Len	INT	2	(IBM name: QWP1ACFCCD_Len) LENGTH OF QWP4FCCD_VAR.
zFCCD_Var	XVCHAR	0 128	(IBM name: QWP1ACFCCD_Var) SPECIFIES THE DEFAULT SETTING OF THE FCCOPYDDN SUBSYSTEM PARAMETER FOR THE COPY, LOAD, REBUILD INDEX, REORG INDEX, AND REORG TABLESPACE UTILITY CONTROL STATEMENTS WHEN THE FLASHCOPY PARAMETER IS YES OR CONSISTENT. FCCOPYDDN SPECIFIES A DB2 UTILITIES TEMPLATE DATA SET NAME EXPRESSION THAT IS USED TO DERIVE THE COPY DATA SET NAME THAT IS ALLOCATED BY THE UTILITY DURING OPERATION. THIS FIELD CORRESPONDS TO FIELD 'DEFAULT TEMPLATE' ON INSTALLATION PANEL DSNTIP6. ZPARM NAME: FCOPYDDN IN DSN6SPRM.

Secondary segment: **SMF102_SECA2**

Field Name	Type	Len	Description
<i>SMF102_SECA2.<fieldname></i>			
zSECA2_Len	INT	2	(IBM name: QWP1ACSECA2_Len) LENGTH OF QWP4SECA2_VAR.
zSECA2_Var	XVCHAR	0 128	(IBM name: QWP1ACSECA2_Var) %U SECURITY ADMINISTRATOR 2 AUTHORIZATION ID.

Secondary segment: **SMF102_IRLM**

Field Name	Type	Len	Description
<i>SMF102_IRLM.<fieldname></i>			
<i>SMF102_IRLM.zFLG.<fieldname></i>			
zPCY	BIT	1	X'80'. ON: PC YES WAS SPECIFIED.

SMF102_IRLM.<fieldname>			
zDLOK	INT	2	(IBM name: QWP5DLOK) WAIT TIME FOR LOCAL DEADLOCK.
zDCYC	INT	2	(IBM name: QWP5DCYC) NUMBER OF LOCAL CYCLES PER GLOBAL CYCLE.
zTVAL	INT	4	(IBM name: QWP5TVAL) TIMEOUT INTERVAL.
zMCSA	INT	4	(IBM name: QWP5MCSA) IRLM MAXIMUM CSA USAGE ALLOWED.
zHASH	INT	4	(IBM name: QWP5HASH) z/OS LOCK TABLE HASH ENTRIES.
zPHSH	INT	4	(IBM name: QWP5PHSH) PENDING NUMBER OF HASH ENTRIES.
zRLE	INT	4	(IBM name: QWP5RLE) z/OS LOCK TABLE LIST ENTRIES.
zBPM	INT	8	(IBM name: QWP5BPM) MAXIMUM AMOUNT OF 31-BIT IRLM PRIVATE STORAGE THAT IS AVAILABLE, OF THE 2GB VIRTUAL STORAGE LIMIT, FOR NORMAL OPERATIONS IN IRLM. IRLM RESERVES AN ADDITIONAL 10% OF THE 2GB FOR USE BY REQUESTS IN IRLM.
zAPM	INT	8	(IBM name: QWP5APM) MAXIMUM AMOUNT OF 64-BIT IRLM PRIVATE STORAGE THAT IS AVAILABLE, OF THE TOTAL AMOUNT OF STORAGE THAT IS SPECIFIED BY MEMLIMIT, FOR NORMAL OPERATIONS IN IRLM. IRLM RESERVES AN ADDITIONAL 10% OF THE AMOUNT THAT IS SPECIFIED BY MEMLIMIT FOR USE BY REQUESTS IN IRLM.

Secondary segment: SMF102_Catalog

Field Name	Type	Len	Description
SMF102_Catalog.<fieldname>			
zCATN	CHAR	8	(IBM name: QWP6CATN) HIGH QUALIFIER NAME FOR ALL DB2 SYSTEM DATA SETS. INSTALL PARAMETER: CATALOG ALIAS ON PANEL DSNTIPA2, OR ZPARM NAME: CATALOG IN DSN6SPRM.

Secondary segment: SMF102_DBM1_Startup_Flg

Field Name	Type	Len	Description
SMF102_DBM1_Startup_Flg.<fieldname>			
SMF102_DBM1_Startup_Flg.z7STR.<fieldname>			
zSTRT	BIT	1	YES = ALL DB2 DATA BASES SHOULD BE PROCESSED. MUTUALLY EXCLUSIVE WITH QWP7REST BIT. 3-88*
zREST	BIT	1	YES = THE SPECIFIED DATABASES AND PAGESETS SHOULD BE AUTOMATICALLY RESTARTED. NO = THE SPECIFIED DATABASES AND PAGESETS SHOULD BE DEFERRED.

Secondary segment: SMF102_DBM1_Startup_DBs

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_DBM1_Startup_DBs.<fieldname>			
zDBNM	CHAR	8	(IBM name: QWP8DBNM) (S) NAME OF A DATABASE TO BE AUTOMATICALLY STARTED.
zSPNM	CHAR	8	(IBM name: QWP8SPNM) (S) THIS FIELD CONTAINS AN 8-BYTE DATABASE NAME. (S) NAME OF A TABLE SPACE OR INDEX SPACE TO BE (S) AUTOMATICALLY STARTED. THIS FIELD CONTAINS (S)

Secondary segment: **SMF102_Facility_Start**

Field Name	Type	Len	Description
SMF102_Facility_Start.<fieldname>			
zCID	INT	2	(IBM name: QWP1ACID) CONTROL BLOCK HEXADECIMAL ID (0016).
zLL	INT	2	(IBM name: QWP1ALL) CONTROL BLOCK LENGTH.
zEID	CHAR	4	(IBM name: QWP1AEID) EBCDIC CONTROL BLOCK ID=FAC.
zNM	INT	2	(IBM name: QWP1ANM) NUMBER OF FACILITY ENTRIES.
zTTO	INT	2	(IBM name: QWP1ATTO) APPROXIMATE TIME, IN SECONDS, THAT AN ACTIVE SERVER THREAD IS ALLOWED TO REMAIN DORMANT BEFORE IT IS CANCELED. INSTALLATION PARAMETER 'IDLE THREAD TIMEOUT' ON PANEL DSNTIPR, OR ZPARAM NAME: IDTHTOIN IN DSN6FAC. SEE INSTALLATION GUIDE FOR MORE INFORMATION.
zNAME	CHAR	8	(IBM name: QWP1ANAME) FACILITY NAME.

SMF102_Facility_Start.zSTRT.<fieldname>			
zRLF	BIT	1	IF 1, INDICATE NOLIMIT (dynamic)
zRLFR	BIT	1	IF 1, INDICATE NORUN (dynamic)
zRLFSL	BIT	1	If 1, indicate NOLIMIT (static)
zRLFRS	BIT	1	If 1, indicate NORUN (static)

SMF102_Facility_Start.<fieldname>			
zRLER	HEX	1	(IBM name: QWP1ARLER) RESOURCE LIMIT FACILITY ERROR PARAMETER: X'80' = NOLIMIT X'40' = NORUN ZPARAM: RLFERRD IN DSN6FAC.
zRYC	INT	2	(IBM name: QWP1ARYC) MINUTES BETWEEN RESYNCHRONIZATION PERIODS. ZPARAM: RESYNC IN DSN6FAC.
zRLFN	INT	4	(IBM name: QWP1ARLFN) SPECIFIES THE LIMIT IN CPU TIME SERVICE UNITS.
zCMST	CHAR	8	(IBM name: QWP1ACMST) STATUS OF THE DDF THREAD. ZPARAM: CMTSTAT IN DSN6FAC.

SMF102_Facility_Start.zMISC.<fieldname>			
zTCPA	BIT	1	X'80': YES = ALREADY VERIFIED CONNECTIONS ARE ACCEPTED FROM TCP/IP CLIENTS. THIS FIELD CORRESPONDS TO FIELD 'ALREADY VERIFIED' ON INSTALLATION PANEL DSNTIP5. ZPARAM NAME: TCPALVER IN DSN6FAC. NO = ALREADY VERIFIED CONNECTIONS ARE NOT ACCEPTED. IN THIS CASE, ADDITIONAL CRITERIA THAT ARE RECORDED IN FIELD QWP9TCPVX MIGHT APPLY.
zSINTD	BIT	1	

			X'40': NO = SQL INTERRUPT PROCESSING IS ENABLED. IF THIS VALUE IS SET TO YES, DB2 SQL INTERRUPT SUPPORT IS DISABLED. THIS VALUE SHOULD NOT BE SET TO YES UNLESS REMOTE CLIENT SYSTEMS EXPERIENCE FAILURES BECAUSE OF SQL INTERRUPTS. IN THAT CASE, SQL INTERRUPT SUPPORT SHOULD BE DISABLED ONLY UNTIL THE REMOTE CLIENT SYSTEMS CAN BE MODIFIED TO TOLERATE SQL INTERRUPTS. ZPARAM NAME: SQLINTRP IN DSN6FAC.
zPRVPA	BIT	1	X'08': PRIVATE PROTOCOL AUTH OPTION VALUE. YES (1) = ALLOWS PRIVATE-PROTOCOL-RELATED PLAN-OWNER-BASED PACKAGE AUTHORIZATION BEHAVIOR. PLAN-OWNER-BASED PACKAGE EXECUTION AUTHORIZATION SEMANTICS ARE HONORED FOR DB2 FOR Z/OS DRDA REQUESTER SYSTEMS THAT MIGHT RELY ON IT. SECONDARY IDS ARE NOT UTILIZED TO DETERMINE PACKAGE EXECUTION PRIVILEGES FOR REMOTE DB2 FOR Z/OS APPLICATIONS. NO (0) = DISALLOWS ALL PRIVATE-PROTOCOL-RELATED BEHAVIOR. PLAN-OWNER-BASED PACKAGE EXECUTION AUTHORIZATION SEMANTICS ARE NOT HONORED. THIS MIGHT AFFECT DB2 FOR Z/OS DRDA REQUESTER SYSTEMS THAT RELY ON IT. SECONDARY IDS ARE UTILIZED TO DETERMINE PACKAGE EXECUTION PRIVILEGES FOR REMOTE DB2 FOR Z/OS APPLICATIONS. ZPARAM: PRIVATE_PROTOCOL IN DSN6FAC.

SMF102_Facility_Start.zTCPVX.<fieldname>

zTCPVE	BIT	1	X'80': YES=USER ID AND PASSWORD ARE REQUIRED. IN ADDITION, ONE OF THESE CONDITIONS MUST BE SATISFIED: - THE USER ID AND PASSWORD AND ANY RACF PASSTICKETS ARE AES ENCRYPTED. - A KERBEROS TICKET IS REQUIRED. - THE CONNECTION IS PROTECTED BY AN AT-TLS POLICY (ENSURED THROUGH A DB2 SECPORT) - THE CONNECTION IS PROTECTED BY AN IPSEC TUNNEL.
--------	-----	---	---

SMF102_Facility_Start.<fieldname>

zMAX1	INT	4	(IBM name: QWP1AMAX1) SPECIFIES THE MAXIMUM TYPE 1 INACTIVE THREADS ALLOWED BY DB2. 0 INDICATES THAT TYPE 1 INACTIVE CONNECTIONS ARE NOT ALLOWED. ZPARAM: MAXTYPE1 IN DSN6FAC.
zTCKA	INT	2	(IBM name: QWP1ATCKA) TCP/IP KEEPALIVE OVERRIDE.
zINAC	INT	2	(IBM name: QWP1AINAC) POOL THREAD TIMEOUT VALUE.
zMCONQN	INT	2	(IBM name: QWP1AMCONQN) THE MAXIMUM DEPTH OF THE CONNECTION REQUEST QUEUE OF CONNECTIONS THAT ARE WAITING FOR A DBAT TO PROCESS A REQUEST. IF THIS VALUE IS NON-ZERO, AND QWP9CMST IS NOT INACTIVE, OR THE SUBSYSTEM IS NOT A MEMBER OF A DATA SHARING GROUP, DB2 OPERATES AS IF THIS VALUE WERE 0. THIS FIELD CORRESPONDS TO FIELD CONN QUEUE MAX DEPTH ON INSTALLATION PANEL DSNTIP5. ZPARAM NAME: MACONQN IN DSN6FAC.
zMCONQW	INT	2	(IBM name: QWP1AMCONQW) THE MAXIMUM TIME THAT A CONNECTION WAITS FOR A DBAT TO ITS REQUEST. IF THIS VALUE IS NON-ZERO, AND QWP9CMST IS NOT INACTIVE, OR THE SUBSYSTEM IS NOT A MEMBER OF A DATA SHARING GROUP, DB2 OPERATES AS IF THIS VALUE WERE 0. THIS FIELD CORRESPONDS TO FIELD CONN QUEUE MAX WAIT ON INSTALLATION PANEL DSNTIP5. ZPARAM NAME: MAXCONQW IN DSN6FAC.

SMF102_Facility_Start.zDDFC.<fieldname>

zSPPM	BIT	1	X'80'. YES=USE PRE-V10 BEHAVIOR TO DETERMINE THE SQL TYPES OF STORED PROCEDURE PARAMETERS IN CALLS FROM NON-JAVA CLIENTS. ZPARAM: DDF_COMPATIBILITY ZPARAM VALUE SP_PARMS_NJV IN DSN6FAC.
zICIN	BIT	1	YES=Disable implicit casting of inputs - non-Java
zICIJ	BIT	1	X'20'. YES=DISABLE IMPLICIT CASTING OF INPUT HOST VARIABLE VALUES FROM JAVA CLIENT APPLICATIONS. ZPARAM: DDF_COMPATIBILITY ZPARAM VALUE DISABLE_IMPCAST_JV IN

			DSN6FAC.
zITZJ	BIT	1	YES=Ignore TZ in TMZ input for Java
zSPPMJ	BIT	1	YES=Compat for SP parms - Java

SMF102_Facility_Start.<fieldname>			
zDDFCIP	HEX	1	(IBM name: QWP1ADDFCIP) DDF COMPATIBILITY PARAMETER THAT CAUSES A DB2 SERVER WITH NEW FUNCTION NOT YET ACTIVATED TO IDENTIFY ITSELF TO ALL REMOTE CLIENTS AS BEING IN NEW-FUNCTION MODE OF THE PREVIOUS VERSION. THE FORMAT OF THIS FIELD IN THE TRACE RECORD IS NNR, WHERE NN IS THE VERSION OF THE DB2 SERVER, AND R IS THE RELEASE. ZPARAM: DDF_COMPATIBILITY ZPARAM VALUE IDNTFY_VNN_PRIOR_VER IN DSN6FAC, WHERE NN IS THE CURRENT VERSION NUMBER.
zRLFNS	INT	4	(IBM name: QWP1ARLFNS)\n

Secondary segment: **SMF102_Data_Sharing**

Field Name	Type	Len	Description
SMF102_Data_Sharing.<fieldname>			
zAID	INT	2	(IBM name: QWPAID) CONTROL BLOCK HEXADECIMAL ID (X'213E').
zALL	INT	2	(IBM name: QWPALL) LENGTH OF CONTROL BLOCK.
zAEID	CHAR	4	(IBM name: QWPAEID) EBCDIC ID OF GROUP INITIALIZATION PARAMETERS (GRP) CONTROL BLOCK.
zALVL	CHAR	8	(IBM name: QWPALVL) LEVEL CHECK FOR PARAMETERS.
zAGRPN	CHAR	8	(IBM name: QWPAGRPN) THE NAME OF A NEW OR EXISTING DB2 DATA SHARING GROUP. INSTALLATION PARAMETER 'GROUP NAME' ON PANEL DSNTIPK, OR ZPARAM NAME: GRPNAME IN DSN6GRP.
zAMBRN	CHAR	8	(IBM name: QWPAMBRN) NAME OF A NEW OR EXISTING DB2 DATA SHARING MEMBER. INSTALLATION PARAMETER 'MEMBER NAME' ON PANEL DSNTIPK, OR ZPARAM NAME: MEMBNAME IN DSN6GRP.

SMF102_Data_Sharing.zAIOPT.<fieldname>			
zDSHR	BIT	1	X'80' = YES, ENABLE DATA SHARING. THIS IS A CONSTANT FOR QWPAIOPT. SEE DATA SHARING: PLANNING AND ADMINISTRATION FOR INFORMATION ABOUT THE GROUP, MEMBER AND ENABLE OPTIONS.

SMF102_Data_Sharing.<fieldname>			
zACOOOR	CHAR	1	(IBM name: QWPACOOOR) (S)
zAASST	CHAR	1	(IBM name: QWPAASST) (S)
zAIMMW	CHAR	1	(IBM name: QWPAIMMW) IMMEDWRITE OVERRIDE FLAG:
zAMAXM	INT	4	(IBM name: QWPAMAXM) MAXIMUM NUMBER OF MEMBERS. THIS IS SET TO 248.
zASUCV	INT	4	(IBM name: QWPASUCV) CPU SERVICE UNIT CONVERSION FACTOR. SEE QWACSUCV.
zARAND	CHAR	1	(IBM name: QWPARAND) RANDOM GROUP ATTACH FLAG: 'N' = NOT ELIGIBLE FOR RANDOM

			GROUP ATTACH. NOT 'N' = ELIGIBLE FOR RANDOM GROUP ATTACH. THIS FIELD CORRESPONDS TO FIELD 'RANDOM ATTACH' ON INSTALLATION PANEL DSNTIPK. ZPARAM NAME: RANDOMATT IN DSN6GRP.
zAPEERREC	CHAR	1	(IBM name: QWPAPEERREC)\n

Secondary segment: **SMF102_App_Prog**

Field Name	Type	Len	Description
SMF102_App_Prog.<fieldname>			
zID	INT	2	(IBM name: QWP1ACID) HEX ID OF CONTROL BLOCK. (20C0).
zLEN	INT	2	(IBM name: QWP1ACLEN) CONTROL BLOCK LENGTH.
zEYE	CHAR	4	(IBM name: QWP1ACEYE) CONTROL BLOCK EYECATCHER (DECP).
zREL	CHAR	4	(IBM name: QWP1ACREL) VERSION, RELEASE, MOD LEVEL.
zLVL	CHAR	8	(IBM name: QWP1ACLVL) (S)
zDE	BINT (ENUM)	1	(IBM name: QWP1ACDE) PERIOD/COMMA DEFAULT:
zGRA	BINT (ENUM)	1	(IBM name: QWP1ACGRA) GRAPHIC CHARACTERS ALLOWED:
zCHAR	CHAR	8	(IBM name: QWP1ACCHAR) (S)

SMF102_App_Prog.zDL.<fieldname>			
zDEL	BINT (ENUM)	1	(IBM name: QWP1ACDEL) DELIMITER DEFAULT:
zDFT	BINT (ENUM)	1	(IBM name: QWP1ACDFT)\n

SMF102_App_Prog.zSDL.<fieldname>			
zSDEL	BINT (ENUM)	1	(IBM name: QWP1ACSDEL) SQL DELIMITER DEFAULT:
zSDFT	BINT (ENUM)	1	(IBM name: QWP1ACSDFT) SQL DELIMITER DEFAULT:

SMF102_App_Prog.<fieldname>			
zSSID	CHAR	4	(IBM name: QWP1ACSSID) SUBSYSTEM DEFAULT.
zLANG	CHAR	8	(IBM name: QWP1ACLANG) LANGUAGE DEFAULT.
zRIB	HEX	4	(IBM name: QWP1ACRIB) POINTER TO RELEASE INFORMATION BLOCK.
zDATE	CHAR	5	(IBM name: QWP1ACDATE) DATE FORMAT (ISO,JIS,EUR,LOCAL,USA).
zDLEN	HEX	1	(IBM name: QWP1ACDLEN) DATE LENGTH DEFAULT FOR LOCAL FORMAT.
zTIME	CHAR	5	(IBM name: QWP1ACTIME) TIME FORMAT (ISO,JIS,EUR,LOCAL,USA).
zTLEN	HEX	1	(IBM name: QWP1ACTLEN) TIME LENGTH DEFAULT FOR LOCAL FORMAT.

zAR	INT (ENUM)	1	DECIMAL ARITHMETIC DEFAULT:
zDRUL	BIT	1	USE DSNHDECP VALUES FOR DYNAMIC SQL STATEMENTS BOUND WITH BIND, DEFINE, OR INVOKE BEHAVIOR:
zSID	INT	2	(IBM name: QWP1ACSID) SBCS CCSID.
zMID	INT	2	(IBM name: QWP1ACMID) MBCS CCSID.
zGID	INT	2	(IBM name: QWP1ACGID) GBCS CCSID.
zSQL	INT	1	(IBM name: QWP1ACSQL) LEVEL OF SQL LANGUAGE SUPPORT.
zDSD	BIT	1	DISTRIBUTED SQL STRING DELIMITER:
zASID	INT	2	(IBM name: QWP1ACASID) ASCII SBCS CCSID.
zAMID	INT	2	(IBM name: QWP1ACAMID) ASCII MBCS CCSID.
zAGID	INT	2	(IBM name: QWP1ACAGID) ASCII GBCS CCSID.
zENSx	BIT	2	
zENSc	BINT (ENUM)	2	(IBM name: QWP1ACENSc) DEFAULT ENCODING SCHEME:
zLCTP	CHAR	50	(IBM name: QWP1ACLCTP) DEFAULT LOCALE LC_CTYPE. A LOCALE IS A COMBINATION OF CHARACTERS DEFINED FOR A SPECIFIC LANGUAGE AND COUNTRY AND A CCSID. AN EXAMPLE OF A LOCALE IS En_US.IBM-37. THE LOCALE LC_CTYPE IS USED FOR LANGUAGE-SPECIFIC SQL FUNCTIONS, SUCH AS TRANSLATE.
zUSID	INT	2	(IBM name: QWP1ACUSID) UNICODE SBCS CCSID.
zUMID	INT	2	(IBM name: QWP1ACUMID) UNICODE MBCS CCSID.
zUGID	INT	2	(IBM name: QWP1ACUGID) UNICODE GBCS CCSID.
zAPSC	CHAR	7	(IBM name: QWP1ACAPSC) APPLICATION ENCODING SCHEME.
zPADN	BIT	1	PAD NULL-TERMINATED STRING INDICATOR:
zDB2S	CHAR	1	(IBM name: QWP1ACDB2S) DB2-SUPPLIED DSNHDECP INDICATOR.
zDDRM	HEX	1	(IBM name: QWP1ACDDRM) DEFAULT ROUNDING MODE FOR THE DECIMAL FLOATING POINT TYPE:
zLNM	CHAR	54	(IBM name: QWP1ACLNM) FULLY QUALIFIED NAME OF THE DATA SET FROM WHICH THE DSNHDECP MODULE WAS LOADED.
zIMTZ	DEC	4 (7,0)	(IBM name: QWP1ACIMTZ) IMPLICIT TIMEZONE THAT IS ASSOCIATED WITH DB2 TABLE COLUMNS AND ROUTINE PARAMETERS THAT ARE DECLARED AS TIMESTAMP WITH TIME ZONE. THIS FIELD CORRESPONDS TO DSNHDECP FIELD IMPLICIT_TIMEZONE.
zSQLL	VCHAR	2 12	(IBM name: QWP1ACSQLL) SQLLEVEL:
zRESV	CHAR	292	(IBM name: QWP1ACRESV) RESERVED.

Secondary segment: SMF102_QW0004

Field Name	Type	Len	Description
<i>SMF102_QW0004.<fieldname></i>			
zBL	INT	2	(IBM name: QW0004BL) LENGTH OF THE VARIABLE LENGTH ENTRY.
zRL	INT	2	(IBM name: QW0004RL) LENGTH OF THE VARIABLE LENGTH MESSAGE.
zMS	CHAR	1	(IBM name: QW0004MS) TEXT OF THE COMMAND USED TO START THE TRACE. EXAMPLE OF WHAT YOU MIGHT SEE: -START TRACE (ACCTG) CLASS(2 3) RMID(*) DEST(GTF) PLAN(*) FOLLOWING THE ACTUAL TEXT IS A 4-BYTE FIELD INDICATING THE ACTUAL CLASSES STARTED.
zCM	HEX	8	(IBM name: QW0004CM) (S) TRACE CLASS MASK USED.

Secondary segment: SMF102_QW0005

Field Name	Type	Len	Description
<i>SMF102_QW0005.<fieldname></i>			
zBL	INT	2	(IBM name: QW0004BL) LENGTH OF THE VARIABLE LENGTH ENTRY.
zRL	INT	2	(IBM name: QW0004RL) LENGTH OF THE VARIABLE LENGTH MESSAGE.
zMS	CHAR	1	(IBM name: QW0004MS) TEXT OF THE COMMAND USED TO STOP THE TRACE. EXAMPLE OF WHAT YOU MIGHT SEE: -STOP TRACE (ACCTG) CLASS(2 3) RMID(*) DEST(GTF) PLAN(*)
zCM	HEX	4	(IBM name: QW0004CM) (S) TRACE CLASS MASK USED.

Secondary segment: SMF102_QW0006

Field Name	Type	Len	Description
<i>SMF102_QW0006.<fieldname></i>			
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. ID OF THE DATABASE BEING READ FROM. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE NAME OF THE DATABASE. FOR EXAMPLE, 0006 IS DSNDB06.
zOB	HEX	2	(IBM name: QW0004OB) PAGE SET ID. ID OF PAGE SET BEING READ. THIS PAGE SET CAN BE EITHER A TABLE SPACE OR AN INDEX SPACE. IF IT IS A TABLE SPACE, USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. FOR EXAMPLE, X'0D' (13) IS TABLE SPACE SYSDBAUT. IF IT IS AN INDEX SPACE, USE THIS VALUE TO MATCH COLUMN 'ISOBID' SYSIBM.SYSINDEXES TO FIND THE INTERNAL NAME OF THE INDEX SPACE.
zBP	INT	4	(IBM name: QW0004BP) ID OF BUFFER POOL BEING READ INTO: '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
zPN	HEX	3	

			(IBM name: QW0004PN) FIRST PAGE NUMBER TO BE READ, IN HEXADECIMAL, FOR A TABLE SPACE THAT IS NOT DEFINED AS LARGE.
zF	CHAR	1	(IBM name: QW0004F) READ REQUEST TYPE: 'S'=SEQUENTIAL PREFETCH REQUEST (ONE I/O GETS MANY PAGES) 'L'=LIST PREFETCH REQUEST 'D'=(DYNAMIC) PREFETCH REQUEST. THIS IS THE PROCESS THAT IS TRIGGERED BECAUSE OF SEQUENTIAL DETECTION. 'R'=SYNCHRONOUS READ REQUEST (ONE I/O GETS ONLY 1 PAGE)
zAC	INT	4	(IBM name: QW0004AC) ACE TOKEN OF REQUESTER (SEE QWHSACE).
zPG	INT	4	(IBM name: QW0004PG) FIRST PAGE NUMBER TO BE READ. IF THE HIGH-ORDER BIT OF QW0006P IS 1, THIS IS A RELATIVE PAGE NUMBER. IF THE HIGH-ORDER BIT OF QW0006P IS 0, THIS AN ABSOLUTE PAGE NUMBER. THE PARTITION NUMBER IS IN FIELD QW0006PT.
zFG	CHAR	1	(IBM name: QW0004FG) TYPE OF TABLE SPACE:
zP	HEX	1	(IBM name: QW0004P) FLAGS:
zPT	INT	4	(IBM name: QW0004PT) PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE IS NOT PARTITIONED.

Secondary segment: **SMF102_QW0007**

Field Name	Type	Len	Description
<i>SMF102_QW0007.<fieldname></i>			
zMM	INT	4	(IBM name: QW0004MM) RETURN CODE FROM MEDIA MANAGER. 0 MEANS A SUCCESSFUL READ.
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. (SEE COMMENTS IN QW0006DB FOR DETAILED DESCRIPTION.) THIS FIELD MUST MATCH QW0006DB OF THE CORRESPONDING IFCID 0006.
zOB	HEX	2	(IBM name: QW0004OB) PAGE SET ID. (SEE COMMENTS IN QW0006OB FOR DETAILED DESCRIPTION.) THIS FIELD MUST MATCH QW0006OB OF THE CORRESPONDING IFCID 0006.
zAC	INT	4	(IBM name: QW0004AC) ACE (SEE QWHSACE).
zNP	INT	2	(IBM name: QW0004NP) TOTAL NUMBER OF PAGES READ. THE NUMBER OF PAGES CAN BE ZERO BECAUSE ALL PAGES REQUESTED ARE IN THE BUFFER POOL. IF FIELD QW0006F OF THE CORRESPONDING IFCID 0006 IS 'R' FOR SYNCHRONOUS READ, THEN THE VALUE IN THIS FIELD SHOULD BE 1.
zP	HEX	1	(IBM name: QW0004P) FLAGS:
zPT	INT	4	(IBM name: QW0004PT) PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE IS NOT PARTITIONED.

Secondary segment: **SMF102_QW00072**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_QW00072.<fieldname>			
zPF	INT	4	(IBM name: QW0004PF) PAGE NUMBER THAT WAS PREFETCHED DURING AN I/O OPERATION.

Secondary segment: **SMF102_QW0008**

Field Name	Type	Len	Description
SMF102_QW0008.<fieldname>			
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. THE IDENTIFIER OF THE DATABASE BEING WRITTEN. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE NAME OF THE DATABASE. FOR EXAMPLE, 0006 IS DSNDB06.
zOB	HEX	2	(IBM name: QW0004OB) PAGE SET ID. THE IDENTIFIER OF THE PAGE SET BEING WRITTEN. THIS PAGE SET CAN BE EITHER A TABLE SPACE OR AN INDEX. IF IT IS A TABLE SPACE, USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. FOR EXAMPLE, X'0D' (13) IS TABLE SPACE SYSDBAUT. IF THE PAGE SET IS AN INDEX, USE THIS VALUE TO MATCH COLUMN 'ISOBID' IN SYSIBM.SYSINDEXES TO FIND THE NAME OF THE INDEX. FOR EXAMPLE, X'6B' (107) IS INDEX DSNDDH01 (INDEX FOR TABLE SYSDATABASE).
zWR	INT	4	(IBM name: QW0004WR) NUMBER OF PAGES TO BE WRITTEN.
zPI	INT	4	(IBM name: QW0004PI) NUMBER OF ANTICIPATED PAGE FAULTS. REAL STORAGE FRAMES ARE TESTED BEFORE ISSUING WRITE.
zBP	INT	4	(IBM name: QW0004BP) ID OF BUFFER POOL USED: '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
zAB	INT	4	(IBM name: QW0004AB) NUMBER OF ACTIVE (NONSTEALABLE) BUFFERS IN POOL.
zDW	INT	4	(IBM name: QW0004DW) NUMBER OF UPDATED PAGES ON DEFERRED WRITE QUEUE FOR THE BUFFER POOL NAMED IN QW0008BP.
zFC	CHAR	1	(IBM name: QW0004FC) TYPE OF WRITE:
zPT	INT	4	(IBM name: QW0004PT) PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE IS NOT PARTITIONED.

Secondary segment: **SMF102_QW0009**

Field Name	Type	Len	Description
SMF102_QW0009.<fieldname>			
zMM	INT	4	(IBM name: QW0004MM) MEDIA MANAGER RETURN CODE. 0 MEANS A SUCCESSFUL WRITE.

Secondary segment: **SMF102_QW0010**

Field Name	Type	Len	Description
SMF102_QW0010.<fieldname>			
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. IDENTIFIER OF DATABASE BEING WRITTEN. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE NAME OF THE DATABASE. FOR EXAMPLE, X'0006' (EQUAL TO 6 DECIMAL) IS DSNDB06.
zOB	HEX	2	(IBM name: QW0004OB) PAGE SET ID. ID OF PAGE SET BEING WRITTEN. THIS PAGE SET CAN BE EITHER A TABLE SPACE OR AN INDEX. IF IT IS A TABLE SPACE, USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. FOR EXAMPLE, X'0D' (13) IS TABLE SPACE SYSDBAUT. IF IT IS AN INDEX, USE THIS VALUE TO MATCH COLUMN 'ISOBID' IN SYSIBM.SYSINDEXES TO FIND THE NAME OF THE INDEX. FOR EXAMPLE, X'6B' (107 DECIMAL) IS INDEX DSNDDH01 (INDEX FOR CATALOG TABLE SYSDATABASE).
zWR	INT	4	(IBM name: QW0004WR) NUMBER OF PAGES TO BE WRITTEN.
zPI	INT	4	(IBM name: QW0004PI) NUMBER OF ANTICIPATED PAGE FAULTS. REAL STORAGE FRAMES ARE TESTED BEFORE ISSUING WRITE.
zBP	INT	4	(IBM name: QW0004BP) ID OF BUFFER POOL USED: '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
zAB	INT	4	(IBM name: QW0004AB) NUMBER OF ACTIVE (NONSTEALABLE) BUFFERS IN POOL.
zDW	INT	4	(IBM name: QW0004DW) NUMBER OF UPDATED PAGES ON DEFERRED WRITE QUEUE FOR THE BUFFER POOL NAMED IN QW0010BP.
zFC	CHAR	1	(IBM name: QW0004FC) TYPE OF WRITE:
zPT	INT	4	(IBM name: QW0004PT) PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE IS NOT PARTITIONED.

Secondary segment: **SMF102_QW0011**

Field Name	Type	Len	Description
SMF102_QW0011.<fieldname>			
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE NAME OF THE DATABASE FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) PAGE SET ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE NAME OF THE TABLE. FOR EXAMPLE, 0019 IS SYSTABLES.
zTM	TSTMP	8	(IBM name: QW0004TM) TIME THE EXIT WAS CALLED (STORE CLOCK).
zRT	CHAR	2	

			(IBM name: QW0004RT) EXIT'S RETURN CODE (EXPLRC1) AS SUPPLIED BY THE USER.
zRE	CHAR	4	(IBM name: QW0004RE) EXIT'S REASON CODE (EXPLRC2).

Secondary segment: **SMF102_QW0012**

Field Name	Type	Len	Description
<i>SMF102_QW0012.<fieldname></i>			
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) PAGE SET ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE TABLE SPACE NAME. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE NAME OF THE TABLE. FOR EXAMPLE, 0019 IS SYSTABLES.
zTM	TSTMP	8	(IBM name: QW0004TM) TIME THE EXIT WAS CALLED (STORE CLOCK).
zRT	CHAR	2	(IBM name: QW0004RT) EXIT'S RETURN CODE (EXPLRC1) AS SUPPLIED BY THE USER.
zRE	CHAR	4	(IBM name: QW0004RE) EXIT'S REASON CODE (EXPLRC2).

Secondary segment: **SMF102_QW0013**

Field Name	Type	Len	Description
<i>SMF102_QW0013.<fieldname></i>			
zS1	INT	4	(IBM name: QW0004S1)\n
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) TABLE SPACE ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE TABLE SPACE NAME. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE NAME OF THE TABLE. FOR EXAMPLE, 0019 IS SYSTABLES.
zS2	INT	4	(IBM name: QW0004S2)\n
zC1	HEX	2	(IBM name: QW0004C1) FIRST COLUMN NUMBER. FOR EXAMPLE, 4 MEANS FOURTH COLUMN IN SYSTABLES ('DBNAME').
zOP	CHAR	2	(IBM name: QW0004OP) OPERATOR: 'NE' = NOT EQUAL TO 'GT' = GREATER THAN 'GE' = GREATER THAN OR EQUAL TO 'LE' = LESS THAN OR EQUAL TO 'E' = EQUAL 'LT' = LESS THAN 'LI' = LIKE 'NL' = NOT LIKE '??' = UNKNOWN OPERATOR.

zCO	CHAR	1	(IBM name: QW0004CO) PREDICATE CONNECTOR: 'A' = AND 'O' = OR '00' = NONE.
zTF	CHAR	1	(IBM name: QW0004TF) TRUE OR FALSE SPECIFIED: 'T' = TRUE 'F' = FALSE '00' = NONE.
zTP	CHAR	1	(IBM name: QW0004TP) WHAT FOLLOWS THE OPERATOR: 'C' = A COLUMN FOLLOWS (SEE FIELD QW0013C2.) 'V' = A LITERAL VALUE FOLLOWS. (SEE FIELD QW0013VA.)
zVA	CHAR	8	(IBM name: QW0004VA) FIRST EIGHT BYTES OF VALUE (THIS ONLY APPLIES IF IT IS A LITERAL VALUE).
zC2	HEX	2	(IBM name: QW0004C2) SECOND COLUMN NUMBER (THIS ONLY APPLIES IF IT IS A COLUMN).

Secondary segment: **SMF102_QW0014**

Field Name	Type	Len	Description
<i>SMF102_QW0014.<fieldname></i>			
zRT	INT	4	(IBM name: QW0004RT) RETURN CODE: 0 MEANS SUCCESSFUL 4 (REASON CODE 00C90001, 00C90002, 00C90004) 12 (REASON CODE 00C9000C) 8 (REASON CODE C90004) 12 (REASON CODE C9000C)
zRE	INT	4	(IBM name: QW0004RE) (S) REASON CODE. (SEE FIELD QW0014RT.)

Secondary segment: **SMF102_QW0015**

Field Name	Type	Len	Description
<i>SMF102_QW0015.<fieldname></i>			
zS1	INT	4	(IBM name: QW0004S1)\n
zAC	HEX	4	(IBM name: QW0004AC) RESERVED.
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) TABLE SPACE ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE TABLE SPACE NAME. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE TABLE NAME. FOR EXAMPLE, 0019 IS SYSTABLES.
zIB	HEX	2	(IBM name: QW0004IB) INDEX ID FOR THE INDEX. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSINDEXES TO FIND THE INDEX NAME. FOR EXAMPLE, 0061 IS DSNIDX01 (INDEX FOR SYSIBM.SYSTABLES).
zCB	HEX	8	(IBM name: QW0004CB) 64-BIT CUB TOKEN.
zS2	INT	4	(IBM name: QW0004S2) SELF-DEFINING SECTION 2. THE FOLLOWING FIELDS OVERLAY FIELDS QW0015AC THROUGH QW0015IB.

zC1	HEX	2	(IBM name: QW0004C1) FIRST COLUMN NUMBER. FOR EXAMPLE 4 MEANS THE FOURTH COLUMN IN SYSIBM.SYSTABLES ('DBNAME'). THERE CAN BE REPEATING GROUPS, STARTING FROM THIS FIELD DOWN TO FIELD QW0015TP.
zOP	CHAR	2	(IBM name: QW0004OP) OPERATOR: 'NE' = NOT EQUAL TO 'GT' = GREATER THAN 'GE' = GREATER THAN OR EQUAL TO 'LE' = LESS THAN OR EQUAL TO 'E' = EQUAL 'LT' = LESS THAN 'LI' = LIKE 'NL' = NOT LIKE '??' = UNKNOWN OPERATOR.
zCO	CHAR	1	(IBM name: QW0004CO) CONNECTOR: 'A' = AND 'O' = OR 'X00' = NONE.
zTF	CHAR	1	(IBM name: QW0004TF) TRUE OR FALSE SPECIFIED: 'T' = TRUE 'F' = FALSE 'X00' = NONE.
zTP	CHAR	1	(IBM name: QW0004TP) WHAT FOLLOWS THE OPERATOR: 'C' = A COLUMN FOLLOWS (SEE FIELD QW0015C2). 'V' = A LITERAL VALUE FOLLOWS (SEE FIELD QW0015VA).
zVA	CHAR	8	(IBM name: QW0004VA) FIRST EIGHT BYTES OF THE VALUE. (THIS ONLY APPLIES IF IT IS A LITERAL VALUE.)
zC2	HEX	2	(IBM name: QW0004C2) SECOND COLUMN NUMBER. (THIS ONLY APPLIES IF IT IS A COLUMN.)

Secondary segment: **SMF102_QW0016**

Field Name	Type	Len	Description
<i>SMF102_QW0016.<fieldname></i>			
zS1	INT	4	(IBM name: QW0004S1)\n
zAC	HEX	4	(IBM name: QW0004AC) RESERVED.
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) TABLE SPACE ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE NAME OF THE TABLE. FOR EXAMPLE, 0019 IS SYSTABLES.
zWT	CHAR	2	(IBM name: QW0004WT) WORK FILE TYPE FOR THE INSERT:
zTL	HEX	2	(IBM name: QW0004TL) DEPTH LEVEL OF THE TRIGGER. THIS VALUE IS BETWEEN 0 AND 16. 0 INDICATES THAT THERE ARE NO TRIGGERS.
zST	CHAR	1	(IBM name: QW0004ST) TYPE OF SQL THAT INVOKED THE TRIGGER (BLANK MEANS A TRIGGER IS NOT INVOKED):
zRI	CHAR	1	(IBM name: QW0004RI) TYPE OF REFERENTIAL INTEGRITY THAT CAUSED AN INSERT INTO A TRANSITION TABLE FOR A TRIGGER (BLANK MEANS REFERENTIAL INTEGRITY IS NOT INVOLVED):
zCB	HEX	8	(IBM name: QW0004CB) 64-BIT CUB TOKEN.

Secondary segment: **SMF102_QW0017**

Field Name	Type	Len	Description
SMF102_QW0017.<fieldname>			
zS1	INT	4	(IBM name: QW0004S1)\n
zAC	HEX	4	(IBM name: QW0004AC) RESERVED.
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) TABLE SPACE ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE NAME OF THE TABLE. FOR EXAMPLE, 0019 IS SYSTABLES.
zTY	CHAR	2	(IBM name: QW0004TY) SCAN TYPE:
zCB	HEX	8	(IBM name: QW0004CB) 64-BIT CUB TOKEN.
zS2	INT	4	(IBM name: QW0004S2) SELF-DEFINING SECTION 2. THE FOLLOWING FIELDS OVERLAY FIELDS QW0017AC THROUGH QW0017TY.
zC1	HEX	2	(IBM name: QW0004C1) FIRST COLUMN NUMBER. FOR EXAMPLE, 4 MEANS FOURTH COLUMN IN SYSTABLES ('DBNAME').
zOP	CHAR	2	(IBM name: QW0004OP) OPERATOR: 'NE' = NOT EQUAL TO 'GT' = GREATER THAN 'GE' = GREATER THAN OR EQUAL TO 'LE' = LESS THAN OR EQUAL TO 'E' = EQUAL TO 'LT' = LESS THAN 'LI' = LIKE 'NL' = NOT LIKE '??' = UNKNOWN OPERATOR
zCO	CHAR	1	(IBM name: QW0004CO) CONNECTOR: 'A' = AND 'O' = OR X'00' = NONE.
zTF	CHAR	1	(IBM name: QW0004TF) TRUE OR FALSE SPECIFIED: 'T' = TRUE 'F' = FALSE X'00' = NONE.
zTP	CHAR	1	(IBM name: QW0004TP) WHAT FOLLOWS THE OPERATOR. 'C' = A COLUMN FOLLOWS (SEE FIELD QW0015C2). 'V' = A LITERAL VALUE FOLLOWS (SEE FIELD QW0015VA).
zVA	CHAR	8	(IBM name: QW0004VA) FIRST EIGHT BYTES OF VALUE. (THIS ONLY APPLIES IF IT IS A LITERAL VALUE.)
zC2	HEX	2	(IBM name: QW0004C2) SECOND COLUMN NUMBER. (THIS ONLY APPLIES IF IT IS A COLUMN.) THIS FIELD OVERLAYS FIELD QW0017VA.

Secondary segment: **SMF102_QW0018**

Field Name	Type	Len	Description
SMF102_QW0018.<fieldname>			
zRT	INT	4	(IBM name: QW0004RT) (S) RETURN CODE.

zRE	INT	4	(IBM name: QW0004RE) (S) REASON CODE.
zAC	HEX	4	(IBM name: QW0004AC) RESERVED.
zCB	HEX	8	(IBM name: QW0004CB) 64-BIT CUB TOKEN.
zID	CHAR	4	(IBM name: QW0004ID) SCAN TYPE:
zRP	HEX	8	(IBM name: QW0004RP) NUMBER OF ROWS OF ALL RECORD TYPES PROCESSED BY A SCAN. FOR EXAMPLE: SELECT A1 FROM TABLE_A WHERE A1=3 ASSUME THAT THE TABLE SPACE THAT CONTAINS TABLE_A ALSO CONTAINS TABLE_B AND TABLE_C. (THIS PRECLUDES A PARTITIONED TABLE SPACE SINCE A PARTITIONED TABLE SPACE CAN HAVE ONLY ONE TABLE). IF THE TABLE SPACE IS SIMPLE, THIS FIELD COUNTS ALL SCANNED ROWS FROM ALL THREE TABLES. IF THE TABLE SPACE IS SEGMENTED, THIS FIELD COUNTS ALL SCANNED ROWS FROM TABLE_A ONLY. THEREFORE, THIS FIELD IS IDENTICAL TO QW0018LA IF THE TABLE SPACE CONTAINS ONLY ONE TABLE OR IF THE TABLE SPACE IS SEGMENTED. FOR AN INDEX SCAN (SEE QW0018ID ABOVE), THIS FIELD COUNTS THE NUMBER OF INDEX ENTRIES SCANNED. BECAUSE AN INDEX SPACE CAN CONTAIN ONLY ONE INDEX, THIS FIELD IS IDENTICAL TO QW0018LA.
zLA	HEX	8	(IBM name: QW0004LA) NUMBER OF ROWS OF A GIVEN RECORD TYPE PROCESSED BY A SCAN. FOR EXAMPLE: SELECT A1 FROM TABLE_A WHERE A1=3 ALSO CONTAINS TABLE_B AND TABLE_C. (THIS PRECLUDES A PARTITIONED TABLE SPACE SINCE A PARTITIONED TABLE SPACE CAN HAVE ONLY ONE TABLE). IF THE TABLE SPACE IS SIMPLE, THIS FIELD COUNTS ALL SCANNED ROWS FROM ALL THREE TABLES. IF THE TABLE SPACE IS SEGMENTED, THIS FIELD COUNTS ALL SCANNED ROWS FROM TABLE_A ONLY. THEREFORE, THIS FIELD IS IDENTICAL TO QW0018RP IF THE TABLE SPACE CONTAINS ONLY ONE TABLE OR IF THE TABLE SPACE IS SEGMENTED. FOR AN INDEX SCAN (SEE QW0018ID ABOVE), THIS FIELD COUNTS THE NUMBER OF INDEX ENTRIES SCANNED. BECAUSE AN INDEX SPACE CAN CONTAIN ONLY ONE INDEX, THIS FIELD IS IDENTICAL TO QW0018RP.
zDQ	HEX	8	(IBM name: QW0004DQ) NUMBER OF ROWS QUALIFIED AFTER STAGE 1.
zRQ	HEX	8	(IBM name: QW0004RQ) NUMBER OF ROWS QUALIFIED AFTER STAGE 2. STAGE 2 QUALIFYING CAN BE LESS THAN STAGE 1 IN BOTH AN INDEX SCAN AND A TABLE SPACE SCAN.
zIN	HEX	8	(IBM name: QW0004IN) NUMBER OF ROWS INSERTED. FOR A GIVEN IFCID 0018 RECORD, ONLY ONE OF THE FOLLOWING FIELDS CAN BE NONZERO: QW0018IN, QW0018UP, OR QW0018DE.
zUP	HEX	8	(IBM name: QW0004UP) NUMBER OF ROWS UPDATED. FOR A GIVEN IFCID 0018 RECORD, ONLY ONE OF THE FOLLOWING FIELDS CAN BE NONZERO: QW0018IN, QW0018UP, OR QW0018DE.
zDE	HEX	8	(IBM name: QW0004DE) NUMBER OF ROWS DELETED. FOR A GIVEN IFCID 0018 RECORD, ONLY ONE OF THE FOLLOWING FIELDS CAN BE NONZERO: QW0018IN, QW0018UP, OR QW0018DE.
zPS	HEX	4	(IBM name: QW0004PS) NUMBER OF GETPAGE REQUESTS THAT DATA MANAGER ISSUED TO BUFFER MANAGER. FOR AN INDEX SCAN, THIS FIELD COUNTS THE NUMBER OF GETPAGE REQUESTS ON INDEX PAGES (NOT INDEX SUBPAGES).
zPR	HEX	4	(IBM name: QW0004PR) NUMBER OF ADDITIONAL GETPAGE REQUESTS THAT DATA MANAGER ISSUED TO BUFFER MANAGER TO ENFORCE REFERENTIAL CONSTRAINTS.
zDR	HEX	8	(IBM name: QW0004DR) NUMBER OF ADDITIONAL ROWS THAT WERE DELETED OR SET TO

Field Name	Type	Len	Description
			NULL TO ENFORCE REFERENTIAL CONSTRAINTS.
zSK	HEX	8	(IBM name: QW0004SK) NUMBER OF ROWS THAT WERE SKIPPED BECAUSE THERE WERE INCOMPATIBLE LOCKS ON THE ROWS.
zFI	HEX	8	(IBM name: QW0004FI) NUMBER OF ROWS INSERTED USING THE FAST INSERT ALGORITHM. THIS VALUE IS USUALLY 1, BUT IS MORE THAN 1 FOR INSERT WITH SUBSELECT.
zFS	HEX	8	(IBM name: QW0004FS) NUMBER OF TIMES THAT FAST INSERT COULD NOT BE USED FOR THE INSERT OPERATION, SO A NON-PIPE INSERT ALGORITHM WAS USED INSTEAD.
zFA	HEX	8	(IBM name: QW0004FA) NUMBER OF TIMES THAT THE FAST INSERT PIPE WAS REFILLED FOR THE INSERT OPERATION.
zFW	HEX	8	(IBM name: QW0004FW) NUMBER OF TIMES THAT THE INSERT OPERATION WAITED FOR THE FAST INSERT PIPE TO FILL.

Secondary segment: **SMF102_QW0019**

Field Name	Type	Len	Description
<i>SMF102_QW0019.<fieldname></i>			
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, 0006 IS DSNDB06.
zPS	HEX	2	(IBM name: QW0004PS) PAGE SET ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE TABLE SPACE NAME. FOR EXAMPLE, 0009 IS SYSDBASE.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE TABLE NAME. FOR EXAMPLE, 0019 IS SYSTABLES.
zTM	TSTMP	8	(IBM name: QW0004TM) TIME AT WHICH THE EXIT WAS CALLED (STORE CLOCK).
zRT	CHAR	2	(IBM name: QW0004RT) EXIT'S RETURN CODE (EXPLRC1) AS SUPPLIED BY USER.
zRE	CHAR	4	(IBM name: QW0004RE) EXIT'S REASON CODE (EXPLRC2).

Secondary segment: **SMF102_QW0020**

Field Name	Type	Len	Description
<i>SMF102_QW0020.<fieldname></i>			
zT	INT	8	(IBM name: QW0004T)\n)
zTP	INT	4	(IBM name: QW0004TP) MAXIMUM NUMBER OF PAGE, ROW, LOB, OR XML LOCKS (ACROSS ALL TABLE SPACES AND INDEX SPACES) HELD CONCURRENTLY FOR THE THREAD.
zTS	INT	2	(IBM name: QW0004TS) NUMBER OF LOCK ESCALATIONS TO SHARE MODE FOR THE THREAD. FOR SEGMENTED TABLE SPACES, THIS IS THE NUMBER OF TABLES FOR WHICH LOCKS ESCALATED. FOR PARTITIONED

			TABLE SPACES THAT USE SELECTIVE PARTITION LOCKING, THIS IS THE NUMBER OF PARTITIONS. OTHERWISE, THIS IS THE NUMBER OF TABLE SPACES.
zTX	INT	2	(IBM name: QW0004TX) NUMBER OF LOCK ESCALATIONS TO EXCLUSIVE MODE FOR THE THREAD. FOR SEGMENTED TABLE SPACES, THIS IS THE NUMBER OF TABLES FOR WHICH LOCKS ESCALATED. FOR PARTITIONED TABLE SPACES THAT USE SELECTIVE PARTITION LOCKING, THIS IS THE NUMBER OF PARTITIONS. OTHERWISE, THIS IS THE NUMBER OF TABLE SPACES.
zN	INT	2	(IBM name: QW0004N) NUMBER OF PAGE SET SUBRECORDS THAT FOLLOWS. THERE IS ONE SUBRECORD PER TABLE SPACE, EACH OF WHICH SHOWS THE MAXIMUM NUMBER OF PAGE OR ROW LOCKS HELD, THE HIGHEST PAGE SET LOCK STATE, AND THE OCCURRENCE OF LOCK ESCALATION, IF ANY.
zP	CHAR	12	(IBM name: QW0004P)\n
zPD	CHAR	2	(IBM name: QW0004PD) DATABASE ID.
zPP	CHAR	2	(IBM name: QW0004PP) PAGE SET ID (OBID).
zPL	HEX	4	(IBM name: QW0004PL) MAXIMUM NUMBER OF PAGE, ROW, LOB, OR XML LOCKS FOR EACH TABLE SPACE HELD BY THE THREAD.
zPC	HEX	2	(IBM name: QW0004PC) THIS FIELD IS FOR SEGMENTED TABLE SPACES AND FOR PARTITIONED TABLE SPACES THAT USE SELECTIVE PARTITION LOCKING. FOR SEGMENTED TABLE SPACES, THIS NUMBER IS THE TOTAL NUMBER OF TABLES WITHIN THE TABLE SPACE FOR WHICH LOCKS ESCALATED. FOR PARTITIONED TABLE SPACES THAT USE SELECTIVE PARTITION LOCKING, THIS NUMBER IS THE TOTAL NUMBER OF PARTITIONS FOR WHICH LOCKS ESCALATED.
zPS	HEX	1	(IBM name: QW0004PS) THIS FIELD IS FOR NONSEGMENTED TABLE SPACES, EXCEPT FOR PARTITIONED TABLE SPACES THAT USE SELECTIVE PARTITION LOCKING. HIGHEST PAGE SET (TABLE SPACE) LOCK STATE:
zPE	HEX	1	(IBM name: QW0004PE) THIS FIELD IS FOR NONSEGMENTED TABLE SPACES, EXCEPT FOR PARTITIONED TABLE SPACES THAT USE SELECTIVE PARTITION LOCKING: LOCK STATE BEFORE LOCK ESCALATION. THIS FIELD CONTAINS ZERO IF ESCALATION DID NOT OCCUR.
zPF	HEX	1	(IBM name: QW0004PF) TABLE SPACE TYPE:
zPR	HEX	1	(IBM name: QW0004PR) TYPE OF LOWER LEVEL LOCK USED, IF ANY.

Secondary segment: **SMF102_QW0021**

Field Name	Type	Len	Description
SMF102_QW0021.<fieldname>			
zRC	INT	4	(IBM name: QW0004RC) RETURN CODE FROM IRLM: 0 THE REQUEST COMPLETED SUCCESSFULLY. 4 THE REQUEST COMPLETED SUCCESSFULLY, BUT THE STATE OF THE LOCK REMAINED UNCHANGED. 8 THE REQUEST COMPLETED UNSUCCESSFULLY BECAUSE OF A SYSTEM ERROR OR CONDITION, NOT A PROBLEM IN THE REQUEST. 12 THE REQUEST COMPLETED UNSUCCESSFULLY BECAUSE OF A LOGIC ERROR IN THE REQUEST. 16 THE REQUEST COMPLETED UNSUCCESSFULLY BECAUSE OF AN INVALID REQUEST SPECIFICATION. 20 THE REQUEST COMPLETED UNSUCCESSFULLY BECAUSE IRLM RESOURCES ARE NOT AVAILABLE.
zTK	CHAR	8	

			(IBM name: QW0004TK) DB2 TOKEN. IDENTIFIES THE SUBSYSTEM.
zU	CHAR	8	(IBM name: QW0004U) (S)
zO	CHAR	8	(IBM name: QW0004O) (S)
zRT	CHAR	4	(IBM name: QW0004RT) IRLM REQUEST TOKEN: -IF THE IRLM FUNCTION CODE IN FIELD QW0021FC IS X'02' (LOCK REQUEST), THIS FIELD IS NOT APPLICABLE AND IS SET TO X'00000000'. -IF THE IRLM FUNCTION CODE IN FIELD QW0021FC IS X'03 (UNLOCK REQUEST) OR X'04' (CHANGE LOCK REQUEST), THIS FIELD CAN CONTAIN A ZERO OR NONZERO VALUE. A ZERO VALUE INDICATES THAT THE LOCK NAME (COMPOSED OF QW0021KL, QW0021KT, QW0021KD, QW0021KP, AND QW0021KR) IS USED TO IDENTIFY THE OBJECT THAT IS TO BE UNLOCKED OR CHANGED. A NONZERO VALUE FOR THIS FIELD CORRESPONDS WITH THE VALUE RETURNED BY IRLM DURING A LOCK REQUEST (QW0021FT). IT ASSOCIATES THE UNLOCK OR CHANGE REQUEST TO THE LOCKED- OBJECT VIA THIS IDENTIFYING NUMBER. WHEN THIS FIELD IS NONZERO, THE DB2 LOCK NAME (QW021LK) IS NOT APPLICABLE.
zLH	HEX	4	(IBM name: QW0004LH) LOCKED RESOURCE NAME HASH VALUE.
zLK	CHAR	32	(IBM name: QW0004LK) DB2 LOCK NAME COMPOSED OF:
zKL	INT	1	(IBM name: QW0004KL) LENGTH OF THE LOCK NAME.
zKT	HEX	1	(IBM name: QW0004KT) LOCKED RESOURCE TYPE. CONSTANTS ARE:
zRN	CHAR	28	(IBM name: QW0004RN) NAME OF THE LOCKED RESOURCE. IF THE LOCK IS A P-LOCK (QW0021Z1=0N), SEE THE DESCRIPTION FOR QW0021PL TO DETERMINE WHETHER QW0021PL (28 BYTES) MAPS THE LOCK NAME AND OVERLAYS QW0021RN. FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (X'2B'), QW0021A (28 BYTES) MAPS THE NAME OF THE LOCKED RESOURCE AND OVERLAYS QW0021RN. ALL LOCKED RESOURCE NAMES BEGIN WITH A HEADER CONSISTING OF THE FOLLOWING FIELDS: (S) QW0021LH: HASH VALUE QW0021KL: LENGTH QW0021KT: TYPE THE REST OF THE NAME DEPENDS ON THE VALUE IN THE QW0021KT (TYPE) FIELD. ANY FIELDS NOT MENTIONED ARE SET TO HEXADECIMAL ZEROS. TYPE=X'00' DATA PAGE LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID/TABLE RECORD OBID. QW0021K1 IS THE PHYSICAL PAGE NUMBER. QW0021K2 IS ZERO. TYPE=X'01' DATABASE LOCK: QW0021KD IS THE DBID. QW0021K1 AND QW0021K2 ARE ZERO. TYPE=X'02' PAGE SET LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K1 AND QW0021K2 ARE ZERO. TYPE=X'03' PARTITION LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021KR IS THE PARTITION NUMBER. TYPE=X'04' SKELETON CURSOR TABLE (SKCT) LOCK: SEE QW0021PL. TYPE=X'05' INDEX PAGE LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K1 IS THE PHYSICAL PAGE NUMBER. QW0021K2 IS THE SUBPAGE NUMBER. (WHEN THE LOCK IS ON AN INDEX ROOT PAGE, QW0021K1 AND QW0021K2 CONTAIN X'000002FF'). TYPE=X'07' DATA SET OR PAGE SET OPEN LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. TYPE=X'0A' DATABASE EXCEPTION TABLE LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K2 IS ZERO OR THE PARTITION NUMBER. TYPE=X'0D' SYSLGRNX OR SYSLGRNG RECORDING LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. TYPE=X'0E' UTILITIES SERIALIZATION LOCK: THE STRING 'UTSERIAL' IN THE FOLLOWING CONCATENATED FIELDS: QW0021KD, QW0021KP, QW0021K1, AND QW0021K2. TYPE=X'0F' MASS DELETE LOCK: QW0021KD IS THE DBID. QW0021KP IS THE TABLE RECORD OBID. TYPE=X'10' TABLE LOCK: QW0021KD IS THE DBID. QW0021KP IS THE TABLE RECORD OBID. TYPE=X'11' HASH ANCHOR LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K1 IS THE PAGE NUMBER. QW0021K2 IS THE ANCHOR ID. TYPE=X'12' SKPT LOCK: SEE QW0021PL. TYPE=X'13' COLLECTION LOCK: SEE QW0021PL. TYPE=X'14' CS READ DRAIN LOCK: QW0021KD IS THE DBID, QW0021KP IS THE PAGE SET OBID, QW0021K2 IS THE PARTITION

			<p>NUMBER OR 0. TYPE=X'15' RR READ DRAIN LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K2 IS THE PARTITION NUMBER OR 0. TYPE=X'16' WRITE DRAIN LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K2 IS THE PARTITION NUMBER OR 0. TYPE=X'17' AUTOBIND/REMOTE BIND LOCK: THE STRING 'BINDLOCK'. TYPE=X'18' DATA ROW LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID/TABLE RECORD OBID QW0021K1 IS THE PAGE NUMBER. QW0021K2 IS THE RECORD IDENTIFIER WITHIN THE PAGE. TYPE=X'19' INDEX END-OF-FILE LOCK: QW0021KD IS THE DBID. QW0021KB IS THE PAGE SET OBID. QW0021KR IS PARTITION NUMBER IF THE INDEX IS PARTITIONED. THIS FIELD IS ZERO IF THE INDEX IS NONPARTITIONED. TYPE=X'1A' ALTER BUFFERPOOL LOCK: QW0021KD AND QW0021KP CONTAIN THE 4-BYTE BUFFER POOL ID. TYPE=X'1B' START/STOP GROUP BUFFER POOL LOCK: QW0021KD AND QW0021KP CONTAIN THE 4-BYTE BUFFER POOL ID. TYPE=X'1C' INDEX TREE P-LOCK: SEE QW0021PL. TYPE=X'1D' PAGE SET OR PARTITION P-LOCK: SEE QW0021PL. TYPE=X'1E' PAGE P-LOCK: SEE QW0021PL. TYPE=X'1F' DDF COMMUNICATIONS DATABASE (CDB) P-LOCK: SEE QW0021PL. TYPE=X'20' GROUP BUFFER POOL CASTOUT P-LOCK: SEE QW0021PL. TYPE=X'21' PAGE SET OR PARTITION CASTOUT P-LOCK: SEE QW0021PL. TYPE=X'22' RESOURCE LIMIT FACILITY (RLF) P-LOCK: SEE QW0021PL. TYPE=X'23' DATABASE DESCRIPTOR (DBD) P-LOCK: SEE QW0021PL. TYPE=X'27' DATABASE EXCEPTION LPL/GRECP LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K2 IS THE PARTITION NUMBER. TYPE=X'28' UTILITY UID LOCK: THE FIRST 16 BYTES OF QW0021RN CONTAIN THE UTILITY IDENTIFIER (UID). TYPE=X'29' UTILITY EXCLUSIVE EXECUTION LOCK: THE FIRST 6 BYTES OF QW0021RN CONTAIN THE CONSTANT 'UTEXEC'. TYPE=X'2A' SHARED COMMUNICATION AREA (SCA) ACCESS FOR RESTART/REDO INFORMATION: THE FIRST 8 BYTES OF QW0021RN CONTAIN THE CONSTANT 'BMC-RSTP'. TYPE=X'2B' GROUP DATABASE EXCEPTION UPDATE LOCK: USE QW0021A TO MAP THE RESOURCE NAME. TYPE=X'2C' REPAIR DBD TEST/DIAGNOSE: THE FIRST 8 BYTES OF QW0021RN CONTAIN THE CONSTANT 'UTSERIAL'. TYPE=X'30' LOB LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021K6 IS THE ROWID. QW0021K7 IS THE VERSION NUMBER. TYPE=X'31' UTILITY COMMIT LOCK: THE FIRST 4 BYTES OF QW0021RN CONTAIN THE CONSTANT 'COM.'. THE NEXT FOUR BYTES CONTAIN A UNIQUE HEXADECIMAL VALUE FOR THE UTILITY. TYPE=X'32' LPL RECOVERY LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. QW0021KR IS THE PARTITION NUMBER. TYPE=X'34' SYSTEM-LEVEL POINT-IN-TIME RECOVERY LOCK: QW0021RN CONTAINS 'SYS_PITR' IN THE FIRST EIGHT BYTES. TYPE=X'36' ADD PART SERIALIZATION LOCK: QW0021KD IS THE DBID. TYPE=X'37' SYSIBM.SYSENVIRONMENT SERIALIZATION LOCK: THE FIRST 8 BYTES OF QW0021RN CONTAIN THE CONSTANT 'SYSENVRL'. TYPE=X'39' DB2 LOAD LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. ITS VALUE IS X'FFFF'. TYPE=X'3A' COMPRESSION DICTIONARY BUILD LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. IF THE OBJECT IS PARTITIONED, THE NEXT 4 BYTES CONTAIN THE PHYSICAL PARTITION NUMBER. TYPE=X'3B' COMPRESSION DICTIONARY LOAD LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. IF THE OBJECT IS PARTITIONED, THE NEXT 4 BYTES CONTAIN THE PHYSICAL PARTITION NUMBER. TYPE=X'3C' HASH VALUE LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. THE NEXT 8 BYTES CONTAIN THE HASH VALUE. TYPE=X'40' UTILITY OBJECT LOCK WITH HASH: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. TYPE=X'41' SERIALIZATION LOCK FOR SQL AGAINST THE CATALOG FOR UTILITIES: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. TYPE=X'42' SYSIBM.SYSDYNQRY HASH_ID LOCK: THE FIRST 16 BYTES CONTAIN THE HASH ID. THE NEXT 12 BYTES CONTAIN THE CURRENT SQLID. IF THE CURRENT SQLID IS LONGER THAN 12 BYTES, IT IS TRUNCATED. TYPE=X'43' SYSIBM.SYSDYNQRY STABILIZATION GROUP LOCK: THE 28-BYTE STABILIZATION GROUP NAME OR THE HASH OF THE STABILIZATION GROUP NAME. TYPE=X'47' SYSIBM.SYSDYNQRY OBJECT DEPENDENCY LOCK: THE 28-BYTE STABILIZATION OBJECT DEPENDENCY LOCK NAME. TYPE=X'48' SYSIBM.SYSDYNQRY AUTHORIZATION DEPENDENCY LOCK: THE 28-BYTE STABILIZATION AUTHORIZATION DEPENDENCY LOCK NAME. TYPE=X'49' INDEX MANAGER FAST TRAVERSE BLOCK (FTB) P-LOCK: SEE QW0021PL.</p>
zKD	CHAR	2	(IBM name: QW0004KD) SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. FOR AN UNLOCK OR A CHANGE-LOCK REQUEST, THIS

			FIELD CAN BE ZERO. IN THIS CASE, TO FIND THE DBID, REFER TO THIS FIELD OF THE CORRESPONDING LOCK RECORD (MATCHED BY IRLM REQUEST-RETURN TOKEN).
zKB	CHAR	2	(IBM name: QW0004KB)\n
zKP	CHAR	2	(IBM name: QW0004KP) SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. FOR AN UNLOCK, THIS FIELD CAN BE ZERO. IN THIS CASE, TO FIND THE PAGE SET ID, REFER TO THIS FIELD OF THE CORRESPONDING LOCK RECORD (MATCHED BY IRLM REQUEST-RETURN TOKEN NAME).
zKR	CHAR	4	(IBM name: QW0004KR) ID OF SMALL RESOURCE WHEN QW0021KL (LENGTH OF THE LOCK NAME) = 12. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0021K1 AND QW0021K2. SEE QW0021RN FOR POSSIBLE VALUES OF THESE FIELDS. (FOR UNLOCK REQUESTS, QW0021K1 AND QW0021K2 MIGHT CONTAIN THE VALUES FOR A LOCK REQUEST RATHER THAN ZERO.) ALL CHANGE LOCKS(QW0021FC=X'04') (FOR CHANGE LOCK REQUESTS, QW0021K1 AND QW0021K2 MIGHT CONTAIN THE VALUES FOR A LOCK REQUEST RATHER THAN ZERO.)
zK1	CHAR	3	(IBM name: QW0004K1) SEE QW0021RN.
zK2	HEX	1	(IBM name: QW0004K2) SEE QW0021RN.
zKY	CHAR	5	(IBM name: QW0004KY) ID OF SMALL RESOURCE WHEN QW0021KL (LENGTH OF THE LOCK NAME) = 13. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0021K4 AND QW0021K5. THIS FIELD OVERLAYS FIELD QW0021KR.
zK4	CHAR	4	(IBM name: QW0004K4) PAGE NUMBER.
zK5	HEX	1	(IBM name: QW0004K5) RECORD ID (RID) WITHIN THE PAGE.
zKZ	CHAR	4	(IBM name: QW0004KZ) ID OF SMALL RESOURCE WHEN QW0021KT=X'33'. THIS FIELD OVERLAYS FIELD QW0021KR. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
zK8	HEX	2	(IBM name: QW0004K8) PARTITION NUMBER.
zK9	HEX	1	(IBM name: QW0004K9) HASH BUCKET NUMBER.
zKX	CHAR	19	(IBM name: QW0004KX) ID OF RESOURCE FOR LOB LOCKS. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
zK6	CHAR	17	(IBM name: QW0004K6) ROW ID.
zK7	CHAR	2	(IBM name: QW0004K7) VERSION NUMBER.
zKC	CHAR	9	(IBM name: QW0004KC) DOCID FOR XML LOCKS. THIS FIELD OVERLAYS QW0021KR.
zKE	CHAR	7	(IBM name: QW0004KE) ID OF SMALL RESOURCE WHEN QW0021KL=16. THIS FIELD OVERLAYS FIELD QW0021KR FOR PAGE AND ROW LOCKS ON TABLE SPACES THAT USE RELATIVE PAGE NUMBERS. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
zKF	HEX	2	(IBM name: QW0004KF) PARTITION NUMBER.
zKG	CHAR	4	(IBM name: QW0004KG) PAGE NUMBER.
zKH	HEX	1	(IBM name: QW0004KH) RECORD ID WITHIN THE PAGE.
zFC	CHAR	1	(IBM name: QW0004FC) IRLM FUNCTION CODE:

zST	HEX	1	(IBM name: QW0004ST) LOCK STATE OF THE THREAD HOLDING THE RESOURCE:
zDR	HEX	1	(IBM name: QW0004DR) LOCK DURATION OF THE THREAD HOLDING THE RESOURCE:
zCL	CHAR	1	(IBM name: QW0004CL) (S) USER LOCK CLASS.
zFL	HEX	1	(IBM name: QW0004FL) REQUEST TYPE OR MODE:
zF2	HEX	1	(IBM name: QW0004F2) (S)
zF3	HEX	1	(IBM name: QW0004F3) WHETHER THE REQUEST WAS SENT TO z/OS CROSS-SYSTEM EXTENDED SERVICES (XES). QW0021Y2 IS SET ONLY IF QW0021Y1 IS ON.
zPF	HEX	1	(IBM name: QW0004PF) P-LOCK OR L-LOCK REQUEST:
zFB	CHAR	8	(IBM name: QW0004FB)\n
zSC	HEX	4	(IBM name: QW0004SC) RETURN SUBCODES. SEE IRLM MESSAGES AND CODES SECTION OF DB2 MESSAGES AND CODES FOR AN EXPLANATION OF THE VALUE IN THIS FIELD.
zFT	CHAR	4	(IBM name: QW0004FT) IRLM RETURNED TOKEN. -IF FIELD QW0021FC (IRLM FUNCTION CODE) IS X'02', INDICATING A LOCK REQUEST, AND FIELD QW0021RC IS 0 OR 4, INDICATING THAT THE REQUEST WAS SUCCESSFUL, THEN THIS FIELD IS NONZERO. THE VALUE IS THE IRLM ID OF THE LOCK BEING ACQUIRED. THIS VALUE SHOULD MATCH FIELD QW0021RT IN THE CORRESPONDING UNLOCK RECORD. (SEE COMMENTS IN QW0021RT.) -IF FIELD QW0021FC (IRLM FUNCTION CODE) IS X'03', INDICATING AN UNLOCK REQUEST, THEN THIS FIELD SHOULD BE ZERO, X'00000000'. -IF FIELD QW0021FC (IRLM FUNCTION CODE) IS X'04', INDICATING A CHANGE LOCK REQUEST, THEN THIS FIELD CAN BE ZERO, X'00000000', OR IT CAN CONTAIN THE IRLM ID OF THE LOCK BEING CHANGED.
zPT	CHAR	4	(IBM name: QW0004PT) PARENT LOCK TOKEN FOR EXPLICIT HIERARCHICAL LOCKING. THIS FIELD IS SIGNIFICANT ONLY IF DB2 IS A MEMBER OF A DATA SHARING GROUP. IF THIS FIELD IS NONZERO, THE REQUEST IS FOR A CHILD OF A PARENT THAT WAS ALREADY LOCKED. THIS VALUE SHOULD MATCH THE QW0021FT VALUE OF THE PREVIOUSLY LOCKED PARENT. QW0021PT APPLIES ONLY IF QW0021KT=QW0021LO.
zGF	HEX	1	(IBM name: QW0004GF) LOCK FLAGS:
zCS	HEX	1	(IBM name: QW0004CS) CACHED STATE OF THE P-LOCK. THIS FIELD APPLIES ONLY IF QW0021Z1=ON AND QW0021KT=QW0021LU.
zIR	INT	2	(IBM name: QW0004IR) (S)
zSN	CHAR	8	(IBM name: QW0004SN) DB2 MEMBER NAME OF THE OWNER OF AN INCOMPATIBLE RETAINED LOCK THAT CAUSED THIS REQUEST TO BE DENIED OR THE OWNER OF AN INCOMPATIBLE LOCK THAT CAUSED THIS REQUEST TO TIME OUT. IF NEITHER CONDITION APPLIES, THIS FIELD CONTAINS ZEROS.
zCT	CHAR	8	(IBM name: QW0004CT) (S) LOCK COMPATIBILITY TOKEN.
zPL	CHAR	28	(IBM name: QW0004PL) NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAMES THAT ARE P-LOCK FORMAT. THIS SECTION OVERLAYS QW0021RN. DESCRIPTIONS OF THE MAPPINGS ARE SHOWN BELOW. TYPE IS THE VALUE FOUND IN QW0021KT. ANY FIELDS NOT MENTIONED ARE SET TO HEXADECIMAL ZEROS. TYPE=X'04' SKELETON CURSOR TABLE (SKCT) P-LOCK: QW0021P8 IS THE 8-BYTE PLAN NAME. TYPE=X'12'

			<p>SKELETON PACKAGE TABLE (SKPT) P-LOCK: QW0021PL IS THE COMPRESSED PACKAGE NAME WHOSE FORMAT IS DESCRIBED IN QW0021RN. TYPE=X'1C' INDEX TREE P-LOCK: QW0021P2 IS THE DBID. QW0021P3 IS THE PAGE SET OBID. TYPE=X'1D' PAGE SET/PARTITION P-LOCK: QW0021P1 IS THE BUFFER POOL IDENTIFIER. QW0021P2 IS THE DBID. QW0021P3 IS THE PAGE SET OBID. QW0021P4 IS PARTITION NUMBER (FOR PARTITION P-LOCK). TYPE=X'1E' PAGE P-LOCK: QW0021P1 IS THE BUFFER POOL IDENTIFIER. QW0021P2 IS THE DBID. QW0021P3 IS THE PAGE SET OBID. QW0021P4 IS THE PARTITION NUMBER. QW0021P5 IS THE RELATIVE PAGE NUMBER (THREE BYTES). QW0021P6 IS THE RELATIVE PAGE NUMBER (FOUR BYTES). TYPE=X'1F' COMMUNICATIONS DATABASE (CDB) P-LOCK: THIS P-LOCK USES THE L-LOCK FORMAT OF QW0021RN. QW0021KD IS THE DBID. TYPE=X'20' GROUP BUFFER POOL CASTOUT P-LOCK: QW0021P1 IS BUFFER POOL IDENTIFIER. TYPE=X'21' PAGE SET OR PARTITION CASTOUT P-LOCK: QW0021P1 IS THE BUFFER POOL IDENTIFIER. QW0021P2 IS THE DBID. QW0021P3 IS THE PAGE SET OBID. QW0021P4 IS PARTITION NUMBER (FOR PARTITION P-LOCK). TYPE=X'22' RESOURCE LIMIT FACILITY (RLF) P-LOCK: RLF OBTAINS P-LOCKS ON DATABASES, TABLE SPACES, INDEXES, INDEX SPACES, AND TABLES. ALL RLF P-LOCKS USE THE L-LOCK FORMAT OF QW0021RN. FOR AN RLF DATABASE P-LOCK: QW0021KD IS THE DBID. FOR AN RLF TABLE SPACE P-LOCK: QW0021KD IS THE DBID. QW0021KP IS THE PAGE SET OBID. FOR AN RLF INDEX P-LOCK: QW0021KD IS THE DBID. QW0021KP IS THE INDEX FAN SET OBID. FOR AN RLF INDEX SPACE P-LOCK: QW0021KD IS THE DBID. QW0021KP IS THE INDEX FAN SET OBID. FOR AN RLF TABLE P-LOCK: QW0021KD IS THE DBID. QW0021KB IS THE TABLE RECORD OBID. TYPE=X'23' DATABASE DESCRIPTOR (DBD) P-LOCK: QW0021P2 IS THE DBID. TYPE=X'49' INDEX MANAGER FAST TRAVERSE BLOCK P-LOCK: QW0021P2 IS THE DBID. QW0021P3 IS THE PAGE SET OBID. QW0021P4 IS PARTITION NUMBER.</p>
zP8	CHAR	8	(IBM name: QW0004P8) THIS 8-BYTE FIELD CONSISTS OF FIELDS QW0021P1 THROUGH QW0021P3.
zP1	HEX	1	(IBM name: QW0004P1) SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP2	CHAR	2	(IBM name: QW0004P2) SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP3	CHAR	2	(IBM name: QW0004P3) SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP4	HEX	2	(IBM name: QW0004P4) SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP5	CHAR	3	(IBM name: QW0004P5) SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP6	CHAR	4	(IBM name: QW0004P6)\n
zA	CHAR	28	(IBM name: QW0004A) NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAME FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (LOCK TYPE IN QW0021KT IS QW0021M9). QW0021A (28 BYTES) OVERLAYS QW0021RN AND CONSISTS OF FIELDS QW0021A0 THROUGH QW0021A6.
zA0	HEX	1	(IBM name: QW0004A0) DATA MANAGER RMID.
zA1	CHAR	5	(IBM name: QW0004A1) CONSTANT 'GDBET'.
zA6	HEX	2	(IBM name: QW0004A6) DATABASE EXCEPTION HASH CLASS NUMBER FROM 1 THROUGH 64.

Secondary segment: **SMF102_QW0022**

Field Name	Type	Len	Description
SMF102_QW0022.<fieldname>			
zQN	INT	4	(IBM name: QW0004QN) QUERY NUMBER (QUERYNO).
zQB	INT	2	(IBM name: QW0004QB) QUERY BLOCK NUMBER (QBLOCKNO).
zPQ	INT	2	(IBM name: QW0004PQ)\n
zGM	CHAR	8	(IBM name: QW0004GM) GROUP MEMBER (GROUP_MEMBER).
zAL	CHAR	8	(IBM name: QW0004AL) NAME OF THE APPLICATION PLAN (APPLNAME).
zPN	CHAR	8	(IBM name: QW0004PN) PLAN NAME OR PACKAGE ID (PROGNAME). THE VALUE IN THIS FIELD IS EBCDIC UNLESS THE QW0022ER BIT IN FIELD QW0022FG IS ON. SAMPLE VALUE: DSNESPCS.
zCI	CHAR	18	(IBM name: QW0004CI) %U COLLECTION ID (COLLID). %U IF QW0022CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPG	CHAR	8	(IBM name: QW0004PG) %U PROGRAM NAME. %U IF QW0022PG_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCT	HEX	8	(IBM name: QW0004CT) CONSISTENCY TOKEN.
zVL	INT	2	(IBM name: QW0004VL) VERSION LENGTH.
zVN	CHAR	64	(IBM name: QW0004VN) VERSION ID FOR THE PACKAGE (VERSION).
zOS	FLOAT	4	(IBM name: QW0004OS) COST FOR THE SQL STATEMENT (FLOAT, 4 BYTES). THIS COST IS A RELATIVE COST ESTIMATE, AND MIGHT HAVE NO RELATIONSHIP TO THE ACTUAL CPU OR ELAPSED TIME FOR THE QUERY.
zLC	INT	2	(IBM name: QW0004LC) (S) NUMBER OF LOCAL CPUS FOR PARALLELISM.
zGC	INT	2	(IBM name: QW0004GC) (S) NUMBER OF GLOBAL CPUS FOR PARALLELISM.
zRP	HEX	1	(IBM name: QW0004RP) INDICATES WHETHER QUERY PARALLELISM IS DISABLED BY THE RESOURCE LIMIT FACILITY FOR DYNAMIC QUERIES. POSSIBLE VALUES ARE: X'00' - RESOURCE LIMIT FACILITY DOES NOT AFFECT THIS STATEMENT X'01' - QUERY I/O PARALLELISM IS DISABLED X'02' - QUERY CPU PARALLELISM IS DISABLED X'03' - QUERY I/O AND CPU PARALLELISM IS DISABLED X'FF' - RESOURCE LIMIT FACILITY QUERY PARALLELISM IS DISABLED
zRX	HEX	2	(IBM name: QW0004RX) INDICATES WHEN DB2 DETERMINES THE ACCESS PATH: X'0000' - ACCESS PATH IS DETERMINED AT BIND TIME USING DEFAULT VALUES. X'0001' - ACCESS PATH IS DETERMINED AT BIND TIME USING DEFAULT VALUES BUT IS DETERMINED AGAIN AT RUN TIME USING THE VALUES IN INPUT VARIABLES. X'0002' - ACCESS PATH IS DETERMINED AT RUN TIME USING THE VALUES IN INPUT VARIABLES.
zTS	CHAR	16	(IBM name: QW0004TS) TIMESTAMP (TIMESTAMP).
zQT	CHAR	6	(IBM name: QW0004QT) STATEMENT TYPE (QBLOCK_TYPE). POSSIBLE VALUES ARE: 'SELECT' - SELECT. 'INSERT' - INSERT. 'UPDATE' - UPDATE. 'DELETE' - DELETE. 'SELUPD' - SELECT FOR UPDATE. 'DELCUR' - DELETE CURRENT OF CURSOR. 'UPDCUR' - UPDATE CURRENT OF CURSOR. 'CORSUB' - CORRELATED SUBQUERY. 'NCOSUB' - NONCORRELATED SUBQUERY.

zBT	CHAR	10	(IBM name: QW0004BT) BIND TIME (BIND_TIME). FOR STATIC SQL, THIS IS THE SAME AS THE TIMESTAMP VALUE FOR THE MOST RECENT BIND THAT IS PLACED IN COLUMN BOUNDS OF CATALOG TABLE SYSPLAN OR COLUMN BINDTIME OF CATALOG TABLE SYSPACKAGE. FOR DYNAMIC SQL, THIS VALUE IS GENERATED BY APPENDING 4 BYTES OF ZEROES TO THE END OF THE VALUE IN FIELD QW0022TS, THEN CONVERTING THE RESULT TO TIMESTAMP FORMAT.
zCE	INT	4	(IBM name: QW0004CE) ESTIMATED PROCESSOR COST, IN MILLISECONDS, FOR THE SQL STATEMENT. THIS FIELD IS NONZERO IN THE LAST TRACE RECORD WRITTEN FOR THE STATEMENT.
zAS	INT	4	(IBM name: QW0004AS) ESTIMATED PROCESSOR COST, IN SERVICE UNITS, FOR THE SQL STATEMENT. THIS FIELD IS NONZERO IN THE LAST TRACE RECORD WRITTEN FOR THE STATEMENT.
zCC	CHAR	1	(IBM name: QW0004CC) COST CATEGORY FOR THE STATEMENT:
zRS	HEX	1	(IBM name: QW0004RS) REASON CODE FOR COST CATEGORY B. THIS VALUE IS BLANK IF THE COST CATEGORY IS NOT B. POSSIBLE VALUES ARE:
zQO	CHAR	8	(IBM name: QW0004QO) %U OPTIMIZATION HINTS VALUE (OPTHINTS). THIS FIELD %U CONTAINS THE VALUE OF BIND OPTION OPTHINTS OR THE %U VALUE OF SPECIAL REGISTER CURRENT OPTIMIZATION HINT. %U IF QW0022QO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zFG	HEX	1	(IBM name: QW0004FG) FLAGS:
zCO	HEX	4	(IBM name: QW0004CO) COST FOR THE QUERY BLOCK.
zCI_Off	INT	2	(IBM name: QW0004CI_Off) IF QW0022CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022CI_LEN.
zPG_Off	INT	2	(IBM name: QW0004PG_Off) IF QW0022PG IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022PG_LEN.
zQO_Off	INT	2	(IBM name: QW0004QO_Off) IF QW0022QO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022QO_LEN.
zPL	INT	2	(IBM name: QW0004PL) PLAN NUMBER (PLANNO).
zMN	INT	2	(IBM name: QW0004MN) NUMBER OF INDEX ACCESS OPERATIONS. THIS VALUE IS 0 IF NO INDEX WAS USED.
zI	HEX	4	(IBM name: QW0004I)\n\n
zDD	HEX	2	(IBM name: QW0004DD) DATABASE ID, IN HEXADECIMAL (2 BYTES). USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE NAME OF THE DATABASE. FOR EXAMPLE, X'06' IS 6, WHICH IS DATABASE DSND06.
zOB	HEX	2	(IBM name: QW0004OB) TABLE ID (HEXADECIMAL, 2 BYTES). USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE NAME OF THE TABLE. FOR EXAMPLE, X'2A' IS 42, WHICH IS TABLE SYSDATABASE.
zCN	CHAR	18	(IBM name: QW0004CN) %U CORRELATION NAME (CORRELATION_NAME). %U IF QW0022CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCR	CHAR	8	(IBM name: QW0004CR) %U TABLE CREATOR (CREATOR). %U IF QW0022CR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTN	CHAR	18	(IBM name: QW0004TN) %U TABLE NAME (TNAME). %U NAME OF TABLE WITHOUT QUALIFIER. FOR EXAMPLE, %U 'SYSTABLES', NOT 'SYSIBM.SYSTABLES'. THIS FIELD IS %U BLANK IF A VIEW IS USED

			INSTEAD OF A BASE TABLE. %U IF QW0022TN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zLM	CHAR	3	(IBM name: QW0004LM) LOCK MODE OF THE TABLE SPACE (TSLOCKMODE).
zZ	HEX	1	(IBM name: QW0004Z) FLAGS FOR COLUMN FUNCTIONS.
zBP	INT	4	(IBM name: QW0004BP) (S) BUFFER POOL SIZE.
zNI	CHAR	20	(IBM name: QW0004NI)\n
zOD	INT	2	(IBM name: QW0004OD) ACCESS METHOD: 0, 1, 2, 3 = FIRST TABLE ACCESSED 4, 5, 6, 7 = NESTED-LOOP JOIN 8, 9, 10, 11 = MERGE-SCAN JOIN 12, 13, 14, 15 AND TABLE NAME NOT BLANK = HYBRID JOIN
zBX	INT	2	(IBM name: QW0004BX) (S)
zYP	CHAR	1	(IBM name: QW0004YP) ACCESS TYPE (ACCESSTYPE): 'R', 'S', 'W' = TABLE SPACE SCAN 'I', 'N', 'B', 'X', 'Y', 'Z', '1' = INDEX SCAN
zDT	HEX	1	(IBM name: QW0004DT) PAGE RANGE FLAG:
zID	INT	2	(IBM name: QW0004ID) (S) INDEX IN IDX ARRAY FOR QW0022YP='I' OTHERWISE, 0.
zLR	HEX	4	(IBM name: QW0004LR) (S) POINTER TO BEST MATCHING COLUMN(S) IF QW0022YP='I'.
zTR	HEX	4	(IBM name: QW0004TR) (S) POINTER TO NEXT MINIPLAN IN LIST. ZERO IF LAST.
zDX	INT	2	(IBM name: QW0004DX) (S) IF TYPE 2 JOIN, THEN INDEX IN PDA ARRAY OF JOIN PREDICATE.
zAG	HEX	1	(IBM name: QW0004AG) SORT FLAG FOR NEW (JOIN) TABLE (AN INNER TABLE).
zA2	HEX	1	(IBM name: QW0004A2) SORT FLAG FOR THE JOIN COMPOSITE TABLE:
zP1	INT	2	(IBM name: QW0004P1) THE DEGREE OF PARALLELISM TO ACCESS THE NEW TABLE.
zP2	INT	2	(IBM name: QW0004P2) THE PARALLEL GROUP ID FOR ACCESSING THE NEW TABLE.
zP3	INT	2	(IBM name: QW0004P3) THE DEGREE OF PARALLEL PROCESSING TO JOIN THE NEW TABLE. ACCESS AND JOIN ARE TWO SEPARATE STEPS IN A SORT MERGE JOIN. THESE STEPS CAN BE EXECUTED IN TWO DIFFERENT GROUPS, ONE GROUP FOR EACH STEP.
zP4	INT	2	(IBM name: QW0004P4) THE JOIN PARALLEL GROUP ID FOR JOINING THE NEW TABLE. ACCESS AND JOIN ARE TWO SEPARATE STEPS IN A SORT MERGE JOIN. THESE STEPS CAN BE EXECUTED IN TWO DIFFERENT GROUPS, ONE GROUP FOR EACH STEP.
zP5	CHAR	4	(IBM name: QW0004P5) (S)
zJC	INT	2	(IBM name: QW0004JC) NUMBER OF MERGE JOIN COLUMNS.
zCL	INT	2	(IBM name: QW0004CL) (S)
zAP	HEX	4	(IBM name: QW0004AP) (S)
zJP	HEX	4	(IBM name: QW0004JP) (S)
zJT	CHAR	1	(IBM name: QW0004JT) TYPE OF JOIN (JOIN_TYPE): 'L' = LEFT OUTER JOIN. 'F' = FULL OUTER JOIN. 'I' = INNER JOIN. 'S' = STAR JOIN. 'P' = PAIR-WISE JOIN.

			X'00' = NO JOIN.
zWF	CHAR	1	(IBM name: QW0004WF) (S)
zP6	INT	2	(IBM name: QW0004P6) SORT NEW PARALLEL GROUP ID (SORTN_PGROUP_ID).
zP7	INT	2	(IBM name: QW0004P7) SORT COMPOSITE PARALLEL GROUP ID (SORTC_PGROUP_ID).
zPM	CHAR	1	(IBM name: QW0004PM) PARALLEL MODE FLAG (PARALLELISM_MODE): 'C' = QUERY CPU PARALLELISM. 'I' = QUERY I/O PARALLELISM. X'00' = NO PARALLELISM.
zXX	CHAR	5	(IBM name: QW0004XX) (S)
zDS	CHAR	4	(IBM name: QW0004DS) (S) NUMBER OF ROWS SCANNED.
zDR	CHAR	4	(IBM name: QW0004DR) (S) NUMBER OF ROWS RETURNED.
zRD	CHAR	4	(IBM name: QW0004RD) (S) NUMBER OF RDS ROWS.
zPA	CHAR	1	(IBM name: QW0004PA) 'D' IF DB2 CAN USE DIRECT ACCESS TO A TABLE ROW WITHOUT A TABLE SPACE OR INDEX SCAN.
zCY	CHAR	4	(IBM name: QW0004CY) TABLE CARDINALITY IN FLOATING POINT.
zNP	INT	4	(IBM name: QW0004NP) NUMBER OF PAGES FOR THE TABLE.
zF2	CHAR	1	(IBM name: QW0004F2) FLAGS
zTT	CHAR	1	(IBM name: QW0004TT) TABLE TYPE (TABLE_TYPE): 'T' = TABLE. 'F' = TABLE FUNCTION. 'W' = WORK FILE. 'Q' = TABLE QUEUE (NOT MATERIALIZED).
zCN_Off	INT	2	(IBM name: QW0004CN_Off) IF QW0022CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022CN_LEN.
zCR_Off	INT	2	(IBM name: QW0004CR_Off) IF QW0022CR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022CR_LEN.
zTN_Off	INT	2	(IBM name: QW0004TN_Off) IF QW0022TN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022TN_LEN.
zMS	INT	2	(IBM name: QW0004MS) SEQUENCE NUMBER FOR MULTIPLE INDEX ACCESS OPERATIONS (MIXOPSEQ).
zXM	INT	2	(IBM name: QW0004XM) THE NUMBER OF MATCHING COLUMNS (MATCHCOLS).
zXC	CHAR	8	(IBM name: QW0004XC) %U CREATOR OF THE INDEX (ACCESSCREATOR). %U IF QW0022XC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zXN	CHAR	18	(IBM name: QW0004XN) %U NAME OF THE INDEX (ACCESSNAME). %U IF QW0022XN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zMO	HEX	1	(IBM name: QW0004MO) TYPE OF INDEX ACCESS OPERATION:
zXF	HEX	1	(IBM name: QW0004XF) INDEX ACCESS FLAGS:
zFF	CHAR	4	(IBM name: QW0004FF) (S) FILTER FACTOR.
zXC_Off	INT	2	(IBM name: QW0004XC_Off) IF QW0022XC IS TRUNCATED, THIS IS THE OFFSET FROM THE

			BEGINNING OF QW0022 TO QW0022XC_LEN.
zXN_Off	INT	2	(IBM name: QW0004XN_Off) IF QW0022XN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0022 TO QW0022XN_LEN.

Secondary segment: **SMF102_QW0023**

Field Name	Type	Len	Description
<i>SMF102_QW0023.<fieldname></i>			
zID	CHAR	16	(IBM name: QW0004ID) UTILITY ID.
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. THIS FIELD IS ALWAYS 0. REFER TO QW0024DB OR QW0025DB FOR THE DATABASE IDENTIFIER.
zPD	HEX	2	(IBM name: QW0004PD) PAGE SET ID. THIS FIELD IS ALWAYS 0. REFER TO QW0024PD OR QW0025PD OR QW0025PD FOR THE DATABASE IDENTIFIER.
zNM	CHAR	8	(IBM name: QW0004NM) UTILITY NAME. SAMPLE VALUE: 'RUNSTATS' OR 'CHECK ', ETC.
zPH	CHAR	8	(IBM name: QW0004PH) UTILITY PHASE. POSSIBLE VALUES ARE: FOR COPY: 'UTLINITR', 'UTLINITW' FOR RECOVER: 'UTLINITR', 'UTLINITW' FOR UNLOAD: 'UTLINIT' FOR MORE INFORMATION ABOUT THE PHASES OF UTILITIES, SEE UTILITY GUIDE AND REFERENCE. THIS FIELD IS BLANK IF NOT APPLICABLE.
zR1	INT	4	(IBM name: QW0004R1) REQUESTED SUBTASK COUNT. THIS FIELD CONTAINS THE NUMBER OF SUBTASKS THAT ARE REQUESTED BY A UTILITY KEYWORD, SUCH AS THE PARALLEL KEYWORD OF THE COPY UTILITY. IF NO SUBTASKS ARE REQUESTED, THIS VALUE IS 0.
zPT	INT	4	(IBM name: QW0004PT) RESERVED.
zNA	CHAR	8	(IBM name: QW0004NA) RESERVED.
zPN	CHAR	8	(IBM name: QW0004PN) RESERVED.
zDN	CHAR	8	(IBM name: QW0004DN) UTILITY KEYWORD INVOCATION FLAGS:
zFA	HEX	1	(IBM name: QW0004FA) FIRST BYTE OF BIT FLAGS:
zFB	HEX	1	(IBM name: QW0004FB) SECOND BYTE OF BIT FLAGS:
zFC	HEX	1	(IBM name: QW0004FC) THIRD BYTE OF BIT FLAGS:
zFD	HEX	1	(IBM name: QW0004FD) FOURTH BYTE OF BIT FLAGS:
zFE	HEX	1	(IBM name: QW0004FE) FIFTH BYTE OF BIT FLAGS:
zFF	HEX	1	(IBM name: QW0004FF) SIXTH BYTE OF BIT FLAGS:
zFG	HEX	1	(IBM name: QW0004FG) SEVENTH BYTE OF BIT FLAGS:
zFH	HEX	1	(IBM name: QW0004FH) EIGHTH BYTE OF BIT FLAGS:

Secondary segment: **SMF102_QW0024**

Field Name	Type	Len	Description
<i>SMF102_QW0024.<fieldname></i>			
zID	CHAR	16	(IBM name: QW0004ID) UTILITY ID. SAMPLE VALUE: TEMP
zDB	HEX	2	(IBM name: QW0004DB) DATABASE ID. QW0024NA CONTAINS THE CORRESPONDING DATABASE NAME.
zPD	HEX	2	(IBM name: QW0004PD) TABLE SPACE ID. QW0024PN CONTAINS THE CORRESPONDING TABLE SPACE NAME.
zNM	CHAR	8	(IBM name: QW0004NM) UTILITY NAME. SAMPLE VALUE: 'CHECK' THIS FIELD SHOULD MATCH THE CORRESPONDING FIELD OF THE PRECEDING IFCID 0023 RECORD (START UTILITY RECORD).
zPH	CHAR	8	(IBM name: QW0004PH) UTILITY PHASE. CHANGE OF PHASE IN UTILITY. POSSIBLE VALUES ARE: FOR CHECK DATA: 'SCANTAB', 'SORT', 'CHECKDAT', 'RPEORTCK' FOR CHECK INDEX: 'UNLOAD', 'SORT', 'CHECKIDX' FOR CHECK LOB: 'CHECKLOB', 'SORTIN', 'SORT', 'SORTOUT', 'REPRLOB' FOR COPY: 'REPORT', 'COPY', 'COPYR', 'COPYW', 'LOGAPPLY', 'LOGCSR', 'LOGUNDO', 'SEQCOPY' FOR COPYTOCOPY: 'CPY2CPY' FOR LOAD: 'RELOAD', 'SORT', 'SORTBLD', 'BUILD', 'ENFORCE', 'INDEXVAL', 'DISCARD', 'REPORT', 'SORTIN', 'SORTOUT', 'COPY', 'RUNSTATS' FOR MERGE: 'MERGECOP' FOR MODIFY RECOVERY OR MODIFY STATISTICS: 'MODIFY' FOR QUIESCE: 'QUIESCE' FOR REBUILD INDEX: 'UNLOAD', 'SORT', 'BUILD', 'SORTBLD', 'SORTIN', 'SORTOUT', 'MERGE', 'RUNSTATS' FOR RECOVER: 'RESTORE', 'RESTORER', 'RESTOREW', 'LOGAPPLY' FOR REORG INDEX: 'UNLOAD', 'SORT', 'BUILD' FOR REORG TABLESPACE: 'UNLOAD', 'RELOAD', 'SORT', 'BUILD', 'SORTIN', 'SORTOUT', 'COPY', 'LOG', 'SWITCH', 'SORTBLD', 'REORGLOB', 'RUNSTATS' FOR REPORT: 'REPORT' FOR UNLOAD: 'UNLOAD'
zR1	INT	4	(IBM name: QW0004R1) CURRENT SUBTASK COUNT.
zPT	INT	4	(IBM name: QW0004PT) PARTITION OR DATA SET NUMBER, IF THE UTILITY IS OPERATING ON A SINGLE PARTITION OR DATA SET. OTHERWISE, THIS VALUE IS ZERO.
zNA	CHAR	8	(IBM name: QW0004NA) DATABASE NAME.
zPN	CHAR	8	(IBM name: QW0004PN) TABLE SPACE OR INDEX NAME.
zDN	CHAR	8	(IBM name: QW0004DN) NUMBER OF ITEMS PROCESSED FOR THE PREVIOUS PHASE. THOSE ITEMS ARE: FOR COPY, MERGE, RUNSTATS, LOAD COPYDDN, REORG COPYDDN: PAGES. FOR RECOVER: PAGES WRITTEN. FOR LOAD, REORG, UNLOAD, CHECK: RECORDS. FOR STOSPACE: OBJECTS.

Secondary segment: **SMF102_QW0025**

Field Name	Type	Len	Description
<i>SMF102_QW0025.<fieldname></i>			
zID	CHAR	16	(IBM name: QW0004ID) UTILITY ID. SAMPLE VALUE: TEMP THIS FIELD SHOULD MATCH THE CORRESPONDING FIELD OF THE PRECEDING IFCID 0023 RECORD (START UTILITY RECORD).
zDB	HEX	2	

			(IBM name: QW0004DB) DATABASE ID. THIS FIELD SHOULD MATCH THE CORRESPONDING FIELD OF THE PRECEDING IFCID 0024 RECORD. (SEE COMMENTS IN QW0024DB FOR MORE EXPLANATION.)
zPD	HEX	2	(IBM name: QW0004PD) PAGE SET ID. THIS FIELD SHOULD MATCH THE CORRESPONDING FIELD OF THE PRECEDING IFCID 0024 RECORD. (SEE COMMENTS IN QW0024PD FOR MORE EXPLANATION.)
zNM	CHAR	8	(IBM name: QW0004NM) UTILITY NAME. SAMPLE VALUE: 'CHECK' THIS FIELD SHOULD MATCH THE CORRESPONDING FIELD OF THE PRECEDING IFCID 0023 RECORD (START UTILITY RECORD).
zPH	CHAR	8	(IBM name: QW0004PH) UTILITY PHASE. PHASE OF THE UTILITY AT THE END, USUALLY 'UTLTERM'. POSSIBLE VALUES ARE: FOR COPY: 'UTLTERM', 'UTLTERMW'. FOR RECOVER: 'UTLTERM', 'UTLTERMW'.
zR1	INT	4	(IBM name: QW0004R1) FINAL SUBTASK COUNT.
zPT	INT	4	(IBM name: QW0004PT)\n
zNA	CHAR	8	(IBM name: QW0004NA)\n
zPN	CHAR	8	(IBM name: QW0004PN)\n
zDN	CHAR	8	(IBM name: QW0004DN) NUMBER OF ITEMS PROCESSED FOR PREVIOUS PHASE. 'ITEMS' CAN BE: PAGES FOR COPY, MERGE, RUNSTATS. PAGES WRITTEN FOR RECOVER. RECORDS FOR LOAD, REORG, UNLOAD. OBJECTS FOR STOSPACE. ROWS DELETED FOR MODIFY STATISTICS.
zJN	CHAR	8	(IBM name: QW0004JN) UTILITY JOB NAME.
zJS	CHAR	8	(IBM name: QW0004JS) UTILITY JOB STEP NAME.
zSL	CHAR	1	(IBM name: QW0004SL) SHRLEVEL VALUE FOR THE UTILITY:
zFL	HEX	1	(IBM name: QW0004FL) FLAGS:
zDA	INT	4	(IBM name: QW0004DA) NUMBER OF PARALLEL DATA SORTS.
zIX	INT	4	(IBM name: QW0004IX) NUMBER OF PARALLEL INDEX SORTS.
zOS	INT	4	(IBM name: QW0004OS) NUMBER OF OTHER SORTS.
zUE	TIME	8	(IBM name: QW0004UE) UTILITY ELAPSED TIME AT TERMINATION. THIS FIELD AND THE FOLLOWING TIME FIELDS ARE IN TIME-OF-DAY FORMAT. IF THIS FIELD CONTAINS BINARY ZEROES, NO DATA IS AVAILABLE FOR THIS FIELD OR FOR THE FOLLOWING TIME FIELDS. FOR EXAMPLE, THIS IS THE CASE FOR SUBPHASE TERMINATION RECORDS.
zUC	TIME	8	(IBM name: QW0004UC) TOTAL UTILITY CPU TIME.
zUZ	TIME	8	(IBM name: QW0004UZ) TOTAL UTILITY ZIIP TIME. THIS FIELD CONTAINS A VALID VALUE IF AN ACCOUNTING CLASS 1 TRACE IS ACTIVATED.
zSC	TIME	8	(IBM name: QW0004SC) SORT CPU TIME.
zSZ	TIME	8	(IBM name: QW0004SZ) SORT ZIIP TIME, IF THE SORT PROGRAM PROVIDES IT.

Secondary segment: SMF102_QW0026

Field Name	Type	Len	Description
SMF102_QW0026.<fieldname>			
z	XVCHAR	0 256	

Secondary segment: SMF102_QW0027

Field Name	Type	Len	Description
SMF102_QW0027.<fieldname>			
zNR	INT	8	(IBM name: QW0004NR) RESERVED.
zSP	CHAR	1	(IBM name: QW0004SP) TYPE OF THE 0027 RECORD:
zSF	INT	4	(IBM name: QW0004SF)\n
zOZ	INT	8	(IBM name: QW0004OZ) THE AMOUNT OF SPARSE INDEX SPACE, IN KB, THAT WAS USED.
zIE	INT	4	(IBM name: QW0004IE) THE NUMBER OF RECORDS IN THE IN-MEMORY PART OF THE SPARSE INDEX.
zWE	INT	4	(IBM name: QW0004WE) THE NUMBER OF RECORDS IN THE PHYSICAL WORK FILE PART OF THE SPARSE INDEX.
zDS	INT	4	(IBM name: QW0004DS) THE DATA AREA SIZE, IN BYTES, FOR THE SPARSE INDEX.
zKS	INT	4	(IBM name: QW0004KS) THE KEY SIZE, IN BYTES, FOR THE SPARSE INDEX.
zTS	INT	4	(IBM name: QW0004TS) TOTAL NUMBER OF SPARSE INDEXES THAT ARE USED BY THE QUERY.
zSC	INT	4	(IBM name: QW0004SC) THE SPARSE INDEX THAT IS CURRENTLY BEING PROCESSED.
zTZ	INT	8	(IBM name: QW0004TZ) THE ESTIMATED SIZE, IN KB, OF ALL SPARSE INDEXES THAT ARE USED BY THE QUERY, IF ALL SPARSE INDEXES ARE IN MEMORY.
zIR	INT	8	(IBM name: QW0004IR) THE ESTIMATED NUMBER OF RECORDS IN THE CURRENT SPARSE INDEX.

Secondary segment: SMF102_QW0028

Field Name	Type	Len	Description
SMF102_QW0028.<fieldname>			
zNP	INT	4	(IBM name: QW0004NP) NUMBER OF WORK FILES CREATED DURING THE SORT INPUT PHASE. IF THE ROWS TO BE SORTED ARE ALREADY IN ORDER, THERE IS ONE WORK FILE. THE NUMBER OF WORK FILES NEEDED DEPENDS ON THE DISTRIBUTION OF THE SORT KEY. THE NUMBER OF WORK FILES IS EQUAL TO THE NUMBER CREATED IN THE INPUT PHASE (NOT INCLUDING THE OUTPUT WORK FILE WHEN THERE IS MORE THAN ONE WORK FILE. THE MAXIMUM NUMBER OF WORK FILES IS LIMITED ONLY BY THE BUFFER POOL SIZE. THIS FIELD IS VALID WHEN QW0028TY = 'I'.

zWA	INT	4	(IBM name: QW0004WA) NUMBER OF WORK FILES REQUESTED FROM BUFFER MANAGER AT THE BEGINNING OF EACH MERGE PASS. THIS FIELD IS VALID WHEN QW0028TY = 'S'. WHEN THIS FIELD IS GREATER THAN QW0028WG, THERE IS ANOTHER MERGE PASS. WHEN THIS FIELD IS EQUAL TO QW0028WG, THIS IS THE LAST (OR ONLY) MERGE PASS.
zWG	INT	4	(IBM name: QW0004WG) NUMBER OF WORK FILES ACTUALLY ACQUIRED FROM BUFFER MANAGER AT THE BEGINNING OF EACH MERGE PASS. THIS FIELD IS VALID WHEN QW0028TY = 'S'.
zMP	INT	4	(IBM name: QW0004MP) CURRENT MERGE PASS (ISSUED AT END OF MERGE PASS). THIS FIELD IS VALID WHEN QW0028TY = 'E'.
zTY	CHAR	1	(IBM name: QW0004TY) TYPE OF QW0028 RECORD ISSUED. THIS FIELD IS VALID FOR QW0028NP, QW0028WA, QW0028WG, QW0028PW, AND QW0028PG:
zPW	INT	4	(IBM name: QW0004PW) THE PARTITION (WORK FILE NUMBER). THE VALUE IN THIS FIELD IS ZERO IF PARTITIONING IS NOT REQUESTED. IF PARTITIONING IS REQUESTED, THE VALUE RANGES FROM 1 TO N (N BEING THE DEGREE OF PARALLEL PROCESSING). SEE QW0028PG FOR THE NUMBER OF RECORDS IN THE WORK FILE. THIS VALUE IS VALID WHEN QW0028TY IS ONE OF THE FOLLOWING VALUES: Z, W, X, K, M, L, T, O, U, V, P, Y. IF QW0028TY CONTAINS ANOTHER VALUE, THIS VALUE IS ZERO.
zPN	INT	8	(IBM name: QW0004PN)\n
zNR	INT	8	(IBM name: QW0004NR)\n
zDS	INT	4	(IBM name: QW0004DS) THE TOTAL NUMBER OF MULTIPLE DISTINCT SORTS.
zDR	INT	8	(IBM name: QW0004DR) THE NUMBER OF RECORDS READ INTO A GROUP AT THE START OF THE GROUPBY PHASE FOR A MULTIPLE DISTINCT SORT.
zDG	INT	8	(IBM name: QW0004DG) THE TOTAL NUMBER OF MULTIPLE DISTINCT GROUPS.
zDC	INT	4	(IBM name: QW0004DC) THE CURRENT MULTIPLE DISTINCT SORT THAT IS BEING PROCESSED.

Secondary segment: **SMF102_QW0029**

Field Name	Type	Len	Description
SMF102_QW0029.<fieldname>			
zID	CHAR	2	(IBM name: QW0004ID) DESCRIPTION OF WHAT DB2 IS GETTING: 'DB' = DATABASE DESCRIPTOR (SEE QW0029DB AND QW0029DL) 'CT' = CURSOR TABLE (SEE QW0029PL, SQ0029RN, QW0029SN, AND QW0029CL) 'PT' = PACKAGE TABLE (SEE QW0029KL, QW0029LN, QW0029SV, QW0029CI, QW0029PI, QW0029CT, QW0029RS, QW0029KN, QW0029GN, AND QW0029GL) 'DY' = SYSDYNQRY TABLE (SEE QW0029SC, QW0029QH, QW0029CP, QW0029QD, AND QW0029RB)
zDB	HEX	2	(IBM name: QW0004DB) DATABASE IDENTIFIER FOR THE DATABASE. THIS FIELD APPLIES WHEN QW0029ID IS 'DB'.
zDL	HEX	4	(IBM name: QW0004DL) LENGTH OF THE SECTION ASSOCIATED WITH THIS DATABASE DESCRIPTOR. THIS FIELD ONLY APPLIES WHEN QW0029ID IS 'DB'.
zPL	CHAR	8	(IBM name: QW0004PL) PLAN NAME FOR THE CURSOR TABLE. THIS FIELD ONLY APPLIES WHEN QW0029ID IS 'CT'.

zRN	HEX	4	(IBM name: QW0004RN) RDS IDENTIFICATION NUMBER, WHERE X'0XXXXXXX' IS THE RDS SECTION AND XXXXXXXX IS THE RDS SEQUENCE NUMBER. EXCEPTION: X'00000001' = SKCT HEADER. EXCEPTION: X'FFFFFFFE' = SKCT DIRECTORY. THIS FIELD ONLY APPLIES WHEN QW0029ID IS 'CT'.
zSN	HEX	2	(IBM name: QW0004SN) SEQUENCE NUMBER WITHIN THE RDS NUMBER.
zCL	HEX	4	(IBM name: QW0004CL) LENGTH OF THE CURSOR TABLE SECTION IN BYTES. THIS FIELD ONLY APPLIES WHEN QW0029ID IS 'CT'.
zKL	CHAR	70	(IBM name: QW0004KL) SKELETON CURSOR PACKAGE TABLE RECORD KEY.
zLN	CHAR	16	(IBM name: QW0004LN) %U LOCATION NAME. THIS FIELD IS BLANK IF THE LOCAL %U LOCATION IS NOT DEFINED. %U IF QW0029LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zSV	CHAR	2	(IBM name: QW0004SV) (S)
zCI	CHAR	18	(IBM name: QW0004CI) %U COLLECTION ID. %U IF QW0029CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPI	CHAR	18	(IBM name: QW0004PI) %U PACKAGE ID. %U IF QW0029PI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCT	CHAR	8	(IBM name: QW0004CT) CONSISTENCY TOKEN.
zRS	CHAR	2	(IBM name: QW0004RS) (RESERVED.)
zKN	HEX	4	(IBM name: QW0004KN) RDS IDENTIFICATION NUMBER: 00000001= SKPT HEADER, 0XXXXXXX=RDS SECTION 80000000= LOW KEY VALUE FOR RETRIEVAL OF SKELETON PACKAGE TABLE DIRECTORY.
zGN	HEX	2	(IBM name: QW0004GN) SEQUENCE NUMBER WITHIN RDS SECTION.
zGL	HEX	4	(IBM name: QW0004GL) LENGTH OF THE PACKAGE TABLE SECTION IN BYTES. THIS FIELD ONLY APPLIES WHEN QW0029ID IS 'PT'.
zLN_Off	INT	2	(IBM name: QW0004LN_Off) IF QW0029LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0029 TO QW0029LN_LEN.
zCI_Off	INT	2	(IBM name: QW0004CI_Off) IF QW0029CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0029 TO QW0029CI_LEN.
zPI_Off	INT	2	(IBM name: QW0004PI_Off) IF QW0029PI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0029 TO QW0029PI_LEN.
zSC	CHAR	18	(IBM name: QW0004SC) %U SCHEMA SHORT NAME. THIS FIELD IS TRUNCATED IF QW0029SC_OFF IS NOT 0.
zQH	CHAR	16	(IBM name: QW0004QH) HASH ID.
zCP	INT	2	(IBM name: QW0004CP) COPY ID.
zQD	HEX	8	(IBM name: QW0004QD) IDENTIFIER OF THE STABILIZED DYNAMIC QUERY.
zQC	HEX	4	(IBM name: QW0004QC) RESERVED.
zSC_Off	INT	2	(IBM name: QW0004SC_Off) IF QW0029SC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0029 TO QW0029SC_LEN.

zRB	CHAR	1	(IBM name: QW0004RB) RELEASE BOUND.
zFL	HEX	1	(IBM name: QW0004FL) RESERVED.

Secondary segment: **SMF102_QW0030**

Field Name	Type	Len	Description
<i>SMF102_QW0030.<fieldname></i>			
zID	CHAR	2	(IBM name: QW0004ID) DESCRIPTION OF WHAT DB2 WAS GETTING: 'DB' = DATABASE DESCRIPTOR (SEE QW0030DB AND QW0030DC) 'CT' = CURSOR TABLE (SEE QW0030PL, QW0030RN, QW0030SN AND QW0030CC) 'PT' = PACKAGE TABLE (SEE QW0030KL, QW0030LN, QW0030SV, QW0030CI, QW0030PI, QW0030CT, QW0030RS, QW0030KN, QW0030GN, AND QW0030GC). 'DY' = SYSDYNQRY TABLE (SEE QW0030SC, QW0030QH, QW0030CP, QW0030QD, AND QW0030RB) THIS FIELD MUST MATCH QW0029ID OF THE CORRESPONDING IFCID 0029 RECORD.
zDB	HEX	2	(IBM name: QW0004DB) DATABASE IDENTIFIER FOR THE DATABASE. THIS FIELD ONLY APPLIES WHEN QW0030ID IS 'DB'.
zDC	HEX	4	(IBM name: QW0004DC) NUMBER OF CALLS TO DATA MANAGER FOR THIS DATABASE. THIS FIELD ONLY APPLIES WHEN QW0030ID IS 'DB'.
zPL	CHAR	8	(IBM name: QW0004PL) PLAN NAME FOR THE CURSOR TABLE. THIS FIELD ONLY APPLIES WHEN QW0030ID IS 'CT'.
zRN	HEX	4	(IBM name: QW0004RN) RDS ID NUMBER WHERE X'0XXXXXXX' IS THE RDS SECTION AND XXXXXXXX IS THE RDS SEQUENCE NUMBER. EXCEPTION: X'00000001' = SKELETON CURSOR TABLE HEADER. EXCEPTION: X'FFFFFFFF' = SKELETON CURSOR TABLE DIRECTORY FOR A PLAN BOUND BEFORE VERSION 2 RELEASE 2. EXCEPTION: X'FFFFFFFE' = SKELETON CURSOR TABLE DIRECTORY FOR A PLAN BOUND AT VERSION 2 RELEASE 2 OR LATER. THIS FIELD ONLY APPLIES WHEN QW0030ID IS 'CT'.
zSN	HEX	2	(IBM name: QW0004SN) SEQUENCE NUMBER WITHIN THE RDS NUMBER.
zCC	HEX	4	(IBM name: QW0004CC) NUMBER OF CALLS TO DATA MANAGER FOR THE CURSOR TABLE. THIS FIELD ONLY APPLIES WHEN QW0030ID IS 'CT'.
zKL	CHAR	70	(IBM name: QW0004KL) SKELETON CURSOR PACKAGE TABLE RECORD KEY.
zLN	CHAR	16	(IBM name: QW0004LN) %U LOCATION NAME. THIS FIELD IS BLANK IF THE LOCAL %U LOCATION IS NOT DEFINED. %U IF QW0030LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zSV	CHAR	2	(IBM name: QW0004SV) (S)
zCI	CHAR	18	(IBM name: QW0004CI) %U COLLECTION-ID. %U IF QW0030CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPI	CHAR	18	(IBM name: QW0004PI) %U PACKAGE ID. %U IF QW0030PI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCT	CHAR	8	(IBM name: QW0004CT) CONSISTENCY TOKEN.
zRS	CHAR	2	(IBM name: QW0004RS) (RESERVED.)

zKN	HEX	4	(IBM name: QW0004KN) RDS IDENTIFICATION NUMBER. 00000001= SKELETON PACKAGE TABLE HEADER FFFFFFFE= SKELETON PACKAGE TABLE DIRECTORY 0XXXXXXXXX= RDS SECTION.
zGN	HEX	2	(IBM name: QW0004GN) SEQUENCE NUMBER WITHIN RDS SECTION.
zGC	HEX	4	(IBM name: QW0004GC) NUMBER OF CALLS TO DATA MANAGER FOR THE PACKAGE TABLE.
zLN_Off	INT	2	(IBM name: QW0004LN_Off) IF QW0030LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0030 TO QW0030LN_LEN.
zCI_Off	INT	2	(IBM name: QW0004CI_Off) IF QW0030CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0030 TO QW0030CI_LEN.
zPI_Off	INT	2	(IBM name: QW0004PI_Off) IF QW0030PI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0030 TO QW0030PI_LEN.
zSC	CHAR	18	(IBM name: QW0004SC) %U SCHEMA NAME. THIS FIELD IS TRUNCATED IF QW0030SC_OFF IS NOT 0.
zQH	CHAR	16	(IBM name: QW0004QH) HASH ID.
zCP	INT	2	(IBM name: QW0004CP) COPY ID.
zQD	HEX	8	(IBM name: QW0004QD) IDENTIFIER OF THE STABILIZED DYNAMIC QUERY.
zQC	HEX	4	(IBM name: QW0004QC) NUMBER OF RECORDS READ.
zSC_Off	INT	2	(IBM name: QW0004SC_Off) IF QW0030SC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0030 TO QW0030SC_LEN.
zRB	CHAR	1	(IBM name: QW0004RB) RELEASE BOUND.
zFL	HEX	1	(IBM name: QW0004FL) RESERVED.

Secondary segment: **SMF102_QW0031**

Field Name	Type	Len	Description
SMF102_QW0031.<fieldname>			
zID	CHAR	2	(IBM name: QW0004ID) DESCRIPTION OF WHAT DB2 WAS TRYING TO GET WHEN THE EDM POOL BECAME FULL: 'DB' OR 'XT' = DATABASE DESCRIPTOR (SEE QW0031DB AND QW0031DL) 'CT' = CURSOR TABLE (SEE QW0031PL, QW0031RN, QW0031SN, AND QW0031CL) 'PT' = PACKAGE TABLE (SEE QW0031KL, QW0031LN, QW0031SV, QW0031CI, QW0031PI, QW0031CT, QW0031RS, QW0031KN, QW0031GN, AND QW0031GL).
zDB	HEX	2	(IBM name: QW0004DB) DATABASE IDENTIFIER FOR THE DATABASE. THIS FIELD ONLY APPLIES WHEN QW0031ID IS 'DB' OR 'XT'.
zDL	HEX	4	(IBM name: QW0004DL) LENGTH OF THE SECTION ASSOCIATED WITH THIS DATABASE DESCRIPTOR. THIS FIELD ONLY APPLIES WHEN QW0031ID IS 'DB' OR 'XT'.
zPL	CHAR	8	(IBM name: QW0004PL) PLAN NAME FOR CURSOR TABLE. THIS FIELD ONLY APPLIES WHEN QW0031ID IS 'CT'.
zRN	HEX	4	

			(IBM name: QW0004RN) RDS ID NUMBER WHERE X'0XXXXXXX' IS THE RDS SECTION AND XXXXXXX IS THE RDS SEQUENCE NUMBER. EXCEPTION: X'00000001' = SKCT HEADER EXCEPTION: X'FFFFFFF' = SKCT DIRECTORY FOR PLAN BOUND BEFORE VERSION 2 RELEASE 2. EXCEPTION: X'FFFFFFFE' = SKCT DIRECTORY FOR PLAN BOUND AT VERSION 2 RELEASE 2 OR LATER. THIS FIELD ONLY APPLIES WHEN QW0031ID IS 'CT'.
zSN	HEX	2	(IBM name: QW0004SN) SEQUENCE NUMBER WITHIN RDS SECTION.
zCL	HEX	4	(IBM name: QW0004CL) LENGTH OF THE CURSOR TABLE SECTION IN BYTES. THIS FIELD ONLY APPLIES IF QW0031ID IS 'CT'.
zKL	CHAR	70	(IBM name: QW0004KL) SKELETON PACKAGE TABLE RECORD KEY.
zLN	CHAR	16	(IBM name: QW0004LN) %U LOCATION NAME. THIS FIELD IS BLANK IF LOCAL %U LOCATION IS NOT DEFINED. %U IF QW0031LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zSV	CHAR	2	(IBM name: QW0004SV) (S)
zCI	CHAR	18	(IBM name: QW0004CI) %U COLLECTION-ID. %U IF QW0031CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPI	CHAR	18	(IBM name: QW0004PI) %U PACKAGE ID. %U IF QW0031PI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCT	CHAR	8	(IBM name: QW0004CT) CONSISTENCY TOKEN.
zRS	CHAR	2	(IBM name: QW0004RS) (RESERVED)
zKN	HEX	4	(IBM name: QW0004KN) RDS IDENTIFICATION NUMBER: 00000001= SKELETON PACKAGE TABLE HEADER FFFFFFFE= SKELETON PACKAGE TABLE DIRECTORY 0XXXXXXX= RDS SECTION.
zGN	HEX	2	(IBM name: QW0004GN) SEQUENCE NUMBER.
zGL	HEX	4	(IBM name: QW0004GL) LENGTH OF THE PACKAGE TABLE SECTION IN BYTES.
zLN_Off	INT	2	(IBM name: QW0004LN_Off) IF QW0031LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0031 TO QW0031LN_LEN.
zCI_Off	INT	2	(IBM name: QW0004CI_Off) IF QW0031CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0031 TO QW0031CI_LEN.
zPI_Off	INT	2	(IBM name: QW0004PI_Off) IF QW0031PI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0031 TO QW0031PI_LEN.

Secondary segment: **SMF102_QW0032**

Field Name	Type	Len	Description
SMF102_QW0032.<fieldname>			
zRT	CHAR	4	(IBM name: QW0004RT) REQUEST TYPE: 'WFRC' INDICATES A WRITE-FORCE REQUEST.
zRB	CHAR	10	(IBM name: QW0004RB) (S) THE LOW ORDER RBA FOR THE WRITE REQUEST.
zFT	CHAR	4	

		(IBM name: QW0004FT) FUNCTION TYPE: ' ' INDICATES A NORMAL WRITE-FORCE REQUEST, WHICH CAN BE CAUSED BY THE FOLLOWING CONDITIONS: - ANOTHER RESOURCE MANAGER, SUCH AS BUFFER OR DATA MANAGER, FORCES THE LOG BUFFERS TO BE WRITTEN TO THE ACTIVE LOG. - A DB2 STOP COMMAND IS ISSUED AND FORCES ALL LOG BUFFERS TO BE WRITTEN TO THE ACTIVE LOG BEFORE TERMINATING. - LOG BUFFERS NEED TO BE WRITTEN TO THE ACTIVE LOG DUE TO NORMAL WRITE ACTIVITY ON THE LOG. FOR EXAMPLE, WHEN THE NUMBER OF FULL BUFFERS EQUALS THE WRITE THRESHOLD COUNT, OR WHEN ALL THE BUFFERS ARE FULL. 'ARC ' INDICATES AN ARCHIVE LOG COMMAND. THIS COMMAND FORCES ALL LOG BUFFERS TO BE WRITTEN BEFORE SWITCHING TO THE NEXT ACTIVE LOG DATA SET.
--	--	---

Secondary segment: **SMF102_QW0033**

Field Name	Type	Len	Description
<i>SMF102_QW0033.<fieldname></i>			
zRT	INT	4	(IBM name: QW0004RT) RETURN CODE: 0 MEANS A SUCCESSFUL SUSPEND OPERATION.
zRS	INT	4	(IBM name: QW0004RS) (S)

Secondary segment: **SMF102_QW0034**

Field Name	Type	Len	Description
<i>SMF102_QW0034.<fieldname></i>			
zDI	CHAR	8	(IBM name: QW0004DI) LOG MANAGER DATA SET ID. SEE COMMENTS IN QW0032 HEADER FOR AN EXPLANATION OF THE DATA SET ID
zAC	HEX	4	(IBM name: QW0004AC) AGENT CONTROL ELEMENT (SEE FIELD QWHSACE). THIS IS THE ACE OF THE THREAD WHICH REQUESTED THE LOG I/O.
zRB	CHAR	10	(IBM name: QW0004RB) (S) RBA VALUE OR KEY FOR BSDS.
zTY	INT	1	(IBM name: QW0004TY) TYPE OF WAIT TIME:

Secondary segment: **SMF102_QW0035**

Field Name	Type	Len	Description
<i>SMF102_QW0035.<fieldname></i>			
zRT	INT	4	(IBM name: QW0004RT) RETURN CODE: 0 MEANS A SUCCESSFUL OPERATION.
zAC	HEX	4	(IBM name: QW0004AC) AGENT CONTROL ELEMENT (SEE QWHSACE).

Secondary segment: SMF102_QW0036

Field Name	Type	Len	Description
<i>SMF102_QW0036.<fieldname></i>			
zEI	CHAR	4	(IBM name: QW0004EI) EVENT ID TYPES:
zDI	CHAR	8	(IBM name: QW0004DI) LOG MANAGER DATA SET ID (SEE COMMENTS IN QW0032).
zAC	HEX	4	(IBM name: QW0004AC) AGENT CONTROL ELEMENT (SEE QWHSACE) OF THE SERVICE TASK. THE ACE CAN BE THE CALLER'S, SAME AS THE RECORDER, OR BINARY ZERO.
zRT	CHAR	4	(IBM name: QW0004RT) REQUEST TYPE: MAY BE BINARY ZERO OR

Secondary segment: SMF102_QW0037

Field Name	Type	Len	Description
<i>SMF102_QW0037.<fieldname></i>			
zRT	INT	4	(IBM name: QW0004RT) RETURN CODE: 0 MEANS A SUCCESSFUL OPERATION.
zRC	INT	4	(IBM name: QW0004RC) (S) REASON CODE.
zAC	HEX	4	(IBM name: QW0004AC) AGENT CONTROL ELEMENT (SEE QWHSACE) OF THE SERVICE TASK. THE ACE CAN BE THE CALLER'S, SAME AS THE RECORDER, OR BINARY ZERO.

Secondary segment: SMF102_QW0038

Field Name	Type	Len	Description
<i>SMF102_QW0038.<fieldname></i>			
zCN	INT	4	(IBM name: QW0004CN) COPY NUMBER OF THE ACTIVE LOG DATA SET.
zDI	CHAR	8	(IBM name: QW0004DI) LOG MANAGER DATA SET ID (SEE QW0032).
zVR	INT	8	(IBM name: QW0004VR) (S) STARTING VSAM RBA ADDRESS.
zCC	INT	4	(IBM name: QW0004CC) NUMBER OF CONTIGUOUS CONTROL INTERVALS (CI).
zFL	INT	2	(IBM name: QW0004FL) (S) FLAGS.
zRB	CHAR	10	(IBM name: QW0004RB) (S) RBA ADDRESS OF CI WRITTEN.
zLC	INT	8	(IBM name: QW0004LC) (S) LOW ORDER RBA ADDRESS OF END RBA.
zLB	INT	8	(IBM name: QW0004LB) (S) LCBE TOKEN.
zAC	INT	8	(IBM name: QW0004AC) AGENT CONTROL ELEMENT (SEE QWHSACE).
zID	INT	8	(IBM name: QW0004ID) (S) NUMBER OF SETS OF I/O DONE.

Secondary segment: SMF102_QW0039

Field Name	Type	Len	Description
<i>SMF102_QW0039.<fieldname></i>			
zCN	INT	4	(IBM name: QW0004CN) COPY NUMBER OF THE ACTIVE LOG DATA SET.
zDI	CHAR	8	(IBM name: QW0004DI) LOG MANAGER DATA SET ID (SEE QW0032).
zRT	INT	4	(IBM name: QW0004RT) RETURN CODE: 0 MEANS A SUCCESSFUL OPERATION.
zRC	INT	4	(IBM name: QW0004RC) (S) REASON CODE.
zUU	INT	4	(IBM name: QW0004UU) (S) RESERVED.
zAC	INT	8	(IBM name: QW0004AC) AGENT CONTROL ELEMENT (SEE QWHSACE).
zID	INT	8	(IBM name: QW0004ID) (S) NUMBER OF SETS OF I/O DONE.
zFL	INT	2	(IBM name: QW0004FL) (S) FLAGS.

Secondary segment: SMF102_QW0040

Field Name	Type	Len	Description
<i>SMF102_QW0040.<fieldname></i>			
zDI	CHAR	8	(IBM name: QW0004DI) LOG MANAGER DATA SET ID. THE COPY NUMBER IS NOT SPECIFIED. (SEE QW0032.)

Secondary segment: SMF102_QW0041

Field Name	Type	Len	Description
<i>SMF102_QW0041.<fieldname></i>			
zRT	INT	4	(IBM name: QW0004RT) RETURN CODE. 0 MEANS A SUCCESSFUL OPERATION.
zBW	INT	4	(IBM name: QW0004BW) NUMBER OF BLOCKS WRITTEN.

Secondary segment: SMF102_QW0042

Field Name	Type	Len	Description
<i>SMF102_QW0042.<fieldname></i>			
zRE	CHAR	1	(IBM name: QW0004RE) (S) RECOVERY MANAGER REQUEST ELEMENT. DATA PORTION RESERVED.

Secondary segment: **SMF102_QW0043**

Field Name	Type	Len	Description
<i>SMF102_QW0043.<fieldname></i>			
zBC	CHAR	10	(IBM name: QW0004BC) BEGINNING CHECKPOINT RBA.

Secondary segment: **SMF102_QW0044**

Field Name	Type	Len	Description
<i>SMF102_QW0044.<fieldname></i>			
zRT	CHAR	4	(IBM name: QW0004RT) IRLM REQUEST TOKEN. -IF THE IRLM FUNCTION CODE (FIELD QW0044FC) IS X'02', WHICH INDICATES A LOCK REQUEST, THEN THIS FIELD IS NOT APPLICABLE AND IS SET TO X'00000000'. -IF THE IRLM FUNCTION CODE (FIELD QW0044FC) IS X'03', WHICH INDICATES AN UNLOCK REQUEST, THEN THIS FIELD IS NONZERO, AND THE ACTUAL VALUE SHOULD MATCH FIELD QW0044FT OF THE CORRESPONDING PREVIOUS LOCK REQUEST RECORD. -IF THE IRLM FUNCTION CODE (FIELD QW0044FC) IS X'04', WHICH INDICATES A CHANGE LOCK REQUEST (SUCH AS FROM SHARE LOCK TO EXCLUSIVE LOCK), THEN THIS FIELD IS NOT APPLICABLE AND IS SET TO X'00000000'.
zLH	HEX	4	(IBM name: QW0004LH) LOCKED RESOURCE NAME HASH VALUE.
zLK	CHAR	32	(IBM name: QW0004LK) DB2 LOCK NAME COMPOSED OF:
zKL	INT	1	(IBM name: QW0004KL) LENGTH OF THE LOCK NAME.
zKT	HEX	1	(IBM name: QW0004KT) THE RESOURCE TYPE THAT IS LOCKED, OR THE TYPE OF LOCKING OPERATION. SEE QW0021KT FOR POSSIBLE VALUES.
zRN	CHAR	28	(IBM name: QW0004RN) LOCKED RESOURCE NAME. SEE QW0021RN FOR A DESCRIPTION OF THE LOCKED RESOURCE NAME. IF THE LOCK IS A P-LOCK (QW0044Z1=0N), QW0044PL (28 BYTES) MAPS THE LOCK NAME AND OVERLAYS QW0044RN. FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (X'2B'), QW0044A (28 BYTES) MAPS THE NAME OF THE LOCKED RESOURCE AND OVERLAYS QW0044RN.
zKD	CHAR	2	(IBM name: QW0004KD) DATABASE IDENTIFIER. SEE QW0021KD AND QW0021RN FOR POSSIBLE VALUES OF THIS FIELD.
zKB	CHAR	2	(IBM name: QW0004KB)\n
zKP	CHAR	2	(IBM name: QW0004KP) PAGE SET OR TABLE RECORD OBID. SEE QW0021KP AND QW0021RN FOR POSSIBLE VALUES OF THIS FIELD.
zKR	CHAR	4	(IBM name: QW0004KR) ID OF SMALL RESOURCE WHEN QW0044KL (LENGTH OF THE LOCK NAME) = 12. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0044K1 AND QW0044K2. SEE QW0021KR AND QW0021RN FOR POSSIBLE VALUES FOR THIS FIELD.
zK1	CHAR	3	(IBM name: QW0004K1) SEE QW0021RN.
zK2	HEX	1	(IBM name: QW0004K2) SEE QW0021RN.

zKY	CHAR	5	(IBM name: QW0004KY) ID OF SMALL RESOURCE WHEN QW0044KL (LENGTH OF THE LOCK NAME) = 13. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0044K4 AND QW0044K5. THIS FIELD OVERLAYS FIELD QW0044KR.
zK4	CHAR	4	(IBM name: QW0004K4) PAGE NUMBER.
zK5	HEX	1	(IBM name: QW0004K5) RECORD ID (RID) WITHIN THE PAGE.
zKZ	CHAR	4	(IBM name: QW0004KZ) ID OF SMALL RESOURCE WHEN QW0044KT=X'33'. THIS FIELD OVERLAYS FIELD QW0044KR. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
zK8	HEX	2	(IBM name: QW0004K8) PARTITION NUMBER.
zK9	HEX	1	(IBM name: QW0004K9) HASH BUCKET NUMBER.
zKX	CHAR	19	(IBM name: QW0004KX) ID OF RESOURCE FOR LOB LOCKS. THIS ID CONTAINS THE FOLLOWING TWO FIELDS:
zK6	CHAR	17	(IBM name: QW0004K6) ROW ID
zK7	CHAR	2	(IBM name: QW0004K7) VERSION NUMBER
zKC	CHAR	9	(IBM name: QW0004KC) DOCID FOR XML LOCKS. THIS FIELD OVERLAYS QW0044KR.
zKE	CHAR	7	(IBM name: QW0004KE) ID OF SMALL RESOURCE WHEN QW0044KL=16. THIS FIELD OVERLAYS FIELD QW0044KR FOR PAGE AND ROW LOCKS ON TABLE SPACES THAT USE RELATIVE PAGE NUMBERS. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
zKF	HEX	2	(IBM name: QW0004KF) PARTITION NUMBER.
zKG	CHAR	4	(IBM name: QW0004KG) PAGE NUMBER.
zKH	HEX	1	(IBM name: QW0004KH) RECORD ID WITHIN THE PAGE.
zFC	CHAR	1	(IBM name: QW0004FC) IRLM FUNCTION CODE:
zST	HEX	1	(IBM name: QW0004ST) LOCK STATE OF THE THREAD HOLDING THE RESOURCE:
zDR	HEX	1	(IBM name: QW0004DR) LOCK DURATION OF THE THREAD HOLDING THE RESOURCE: SEE FIELD QW0021DR FOR THE MEANINGS OF THE CONSTANTS.
zCL	CHAR	1	(IBM name: QW0004CL) (S) USER LOCK CLASS.
zFL	HEX	1	(IBM name: QW0004FL) REQUEST TYPE OR MODE:
zWS	CHAR	2	(IBM name: QW0004WS) REASON FOR THE SUSPEND: FIELDS QW0044W1 THROUGH QW0044W8 ARE CONSTANTS FOR QW0044WS.
zGF	HEX	1	(IBM name: QW0004GF) GLOBAL LOCK OR LOCAL LOCK:
zPF	HEX	1	(IBM name: QW0004PF) P-LOCK OR LOCAL-LOCK REQUEST:
zF3	HEX	1	(IBM name: QW0004F3) WHETHER THE REQUEST WAS SENT TO z/OS CROSS-SYSTEM SERVICES (XES). QW0044Y2 APPLIES ONLY IF QW0021Y1 IS ON.
zPT	CHAR	4	(IBM name: QW0004PT) PARENT LOCK TOKEN, IF ONE WAS SPECIFIED FOR EXPLICIT

			HIERARCHICAL LOCKING.
zPL	CHAR	28	(IBM name: QW0004PL) NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAME FOR P-LOCK FORMAT. THIS SECTION OVERLAYS QW044RN. SEE QW0021PL FOR THE MAPPING OF THE NAME OF THE RESOURCE.
zP8	CHAR	8	(IBM name: QW0004P8)\n
zP1	HEX	1	(IBM name: QW0004P1) SEE QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP2	CHAR	2	(IBM name: QW0004P2) SEE QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP3	CHAR	2	(IBM name: QW0004P3) SEE QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP4	HEX	2	(IBM name: QW0004P4) SEE QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP5	CHAR	3	(IBM name: QW0004P5) SEE QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zP6	CHAR	4	(IBM name: QW0004P6) SEE QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
zA	CHAR	28	(IBM name: QW0004A) NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAME FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (QW0044KT=QW0044M9). QW0044A (28 BYTES) OVERLAYS QW0044RN AND CONSISTS OF FIELDS QW0044A0 THROUGH QW0044A6.
zA0	CHAR	1	(IBM name: QW0004A0) DATA MANAGER RMID.
zA1	CHAR	5	(IBM name: QW0004A1) CONSTANT 'GDBET'.
zA6	CHAR	2	(IBM name: QW0004A6) DATABASE EXCEPTION HASH CLASS NUMBER FROM 1 THROUGH 64.

Secondary segment: **SMF102_QW0045**

Field Name	Type	Len	Description
SMF102_QW0045.<fieldname>			
zR	CHAR	1	(IBM name: QW0004R) REASON FOR RESUME: 'D' DEADLOCK 'I' IDENTIFY TO IRLM 'N' NORMAL RESUME 'T' TIMEOUT.
zSR	HEX	1	(IBM name: QW0004SR) REASON FOR THE SUSPEND. THERE MIGHT BE MULTIPLE REASONS FOR THE SUSPEND. FOR EXAMPLE, THE INITIAL REASON MIGHT BE LATCH CONTENTION. THIS MIGHT BE FOLLOWED BY LOCAL RESOURCE CONTENTION AND THEN GLOBAL CONTENTION. A SUSPENDED WORK UNIT MUST WAIT AND IS PROHIBITED FROM REQUESTING MORE WORK. FIELDS QW0045W1 THROUGH QW0045W8 ARE CONSTANTS FOR QW0045SR.
zXR	HEX	1	(IBM name: QW0004XR) EXTENT OF GLOBAL CONTENTION. THIS FIELD APPLIES ONLY IF QW0045W5 IS ON. IF QW0045W5 IS ON, THEN QW0045X1 SHOULD ALWAYS BE ON AND QW0045X2 SHOULD ALWAYS BE OFF. TO DETERMINE THE EXTENT OF GLOBAL CONTENTION, YOU SHOULD INTERROGATE THE FLAG BITS AS FOLLOWS: IF QW0045X4=ON THEN THERE IS IRLM GLOBAL RESOURCE CONTENTION. IF QW0045X3=ON THEN THERE IS XES GLOBAL RESOURCE CONTENTION. IF NEITHER BIT IS ON THEN THERE IS FALSE CONTENTION OR SYNC-TO-ASYNC HEURISTIC CONVERSION.

Secondary segment: SMF102_QW0046

Field Name	Type	Len	Description
<i>SMF102_QW0046.<fieldname></i>			
zAC	HEX	4	(IBM name: QW0004AC) POINTER TO THE NEW ACE OR THE CALLER'S ACE.
zFC	HEX	2	(IBM name: QW0004FC) (S)
zID	HEX	1	(IBM name: QW0004ID) (S)

Secondary segment: SMF102_QW0047

Field Name	Type	Len	Description
<i>SMF102_QW0047.<fieldname></i>			
zFC	HEX	2	(IBM name: QW0004FC) (S)
zID	HEX	1	(IBM name: QW0004ID) (S)
zR0	CHAR	8	(IBM name: QW0004R0) (S)
zR1	CHAR	8	(IBM name: QW0004R1) (S)

Secondary segment: SMF102_QW0048

Field Name	Type	Len	Description
<i>SMF102_QW0048.<fieldname></i>			
zR0	CHAR	8	(IBM name: QW0004R0) (S)
zR1	CHAR	8	(IBM name: QW0004R1) (S)
zRF	CHAR	8	(IBM name: QW0004RF) (S)

Secondary segment: SMF102_QW0049

Field Name	Type	Len	Description
<i>SMF102_QW0049.<fieldname></i>			
zFC	HEX	2	(IBM name: QW0004FC) (S) FUNCTION CODE OF DISPATCHED RESOURCE MANAGER.
zID	HEX	1	(IBM name: QW0004ID) (S) RMID OF DISPATCHED RESOURCE MANAGER.
zR0	HEX	8	(IBM name: QW0004R0) (S) CONTENTS OF R0 UPON ENTRY TO RESOURCE MANAGER.

zR1	HEX	8	(IBM name: QW0004R1) (S) CONTENTS OF R1 UPON ENTRY TO RESOURCE MANAGER.
zSQ	CHAR	120	(IBM name: QW0004SQ) (S) SERVICE QUEUE HEADER (SQH).

Secondary segment: **SMF102_QW0050**

Field Name	Type	Len	Description
<i>SMF102_QW0050.<fieldname></i>			
zR0	HEX	8	(IBM name: QW0004R0) (S) CONTENTS OF R0 UPON RETURN FROM RESOURCE MANAGER.
zR1	HEX	8	(IBM name: QW0004R1) (S) CONTENTS OF R1 UPON RETURN FROM RESOURCE MANAGER.
zRF	HEX	8	(IBM name: QW0004RF) (S) CONTENTS OF R15 UPON RETURN FROM RESOURCE MANAGER.
zSQ	CHAR	120	(IBM name: QW0004SQ) (S) SERVICE QUEUE HEADER (SQH).

Secondary segment: **SMF102_QW0051**

Field Name	Type	Len	Description
<i>SMF102_QW0051.<fieldname></i>			
zLA	HEX	8	(IBM name: QW0004LA) (S) LATCH TOKEN.
zLC	HEX	1	(IBM name: QW0004LC) (S) LATCH CLASS NUMBER.
zSH	INT	2	(IBM name: QW0004SH) (S) NUMBER OF TIMES SUSPENDED ON HEADER.
zSL	INT	2	(IBM name: QW0004SL) (S) NUMBER OF TIMES SUSPENDED ON LATCH.

Secondary segment: **SMF102_QW0052**

Field Name	Type	Len	Description
<i>SMF102_QW0052.<fieldname></i>			
zLC	HEX	1	(IBM name: QW0004LC) (S) LATCH CLASS NUMBER.
zLA	HEX	8	(IBM name: QW0004LA) (S) SHARED LATCH TOKEN.
zLF	HEX	4	(IBM name: QW0004LF) (S) LATCH FIRST WORD CONTENTS.
zRM	CHAR	1	(IBM name: QW0004RM) (S) MODE OF LATCH (X OR S).

Secondary segment: **SMF102_QW0053**

Field Name	Type	Len	Description
SMF102_QW0053.<fieldname>			
zLN	CHAR	16	(IBM name: QW0004LN) %U LOCATION NAME. %U WHEN THIS RECORD IS WRITTEN AT THE AR FOR AN SQL REQUEST %U USING THE DRDA PROTOCOL, THIS FIELD CONTAINS THE NAME %U OF THE REMOTE LOCATION AT WHICH THE SQL IS EXECUTED. %U IF QW0053LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0004PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG %U TO ANY PACKAGE COLLECTION. %U IF QW0053PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0004PN) %U PROGRAM NAME. %U IF QW0053PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0004TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0004OS) RESERVED.
zSQ	CHAR	136	(IBM name: QW0004SQ) CONTENTS OF SQLCA (136 BYTES).
zSECTN	CHAR	2	(IBM name: QW0004SECTN) SECTION NUMBER OF THE STATEMENT, FROM SYSIBM.SYSPACKSTMT.
zSN	INT	4	(IBM name: QW0004SN) STATEMENT NUMBER.
zLN_Off	INT	2	(IBM name: QW0004LN_Off) IF QW0053LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0053 TO QW0053LN_LEN.
zPC_Off	INT	2	(IBM name: QW0004PC_Off) IF QW0053PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0053 TO QW0053PC_LEN.
zPN_Off	INT	2	(IBM name: QW0004PN_Off) IF QW0053PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0053 TO QW0053PN_LEN.
zCID	HEX	8	(IBM name: QW0004CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0004QID) QUERY COMMAND ID.
zTOS	HEX	1	(IBM name: QW0004TOS) TYPE OF SQL REQUEST:
zER	CHAR	2	(IBM name: QW0004ER) REASON THAT THE SQL STATEMENT WAS EXPANDED: 'A ': THE STATEMENT CONTAINED A REFERENCE TO THE SYSIBMADM.GET_ARCHIVE BUILT-IN GLOBAL VARIABLE. 'B ': THE STATEMENT CONTAINED A REFERENCE TO THE CURRENT TEMPORAL BUSINESS_TIME SPECIAL REGISTER. 'S ': THE STATEMENT CONTAINED A REFERENCE TO THE CURRENT TEMPORAL SYSTEM_TIME SPECIAL REGISTER. 'SB': THE STATEMENT CONTAINED A REFERENCE TO THE CURRENT TEMPORAL BUSINESS_TIME SPECIAL REGISTER AND THE CURRENT TEMPORAL SYSTEM_TIME SPECIAL REGISTER. ' ': NO EXPANSION OCCURRED.
zID	CHAR	4	(IBM name: QW0004ID) SCAN TYPE IDENTIFICATION (ID): 'INDX' = INDEX SCAN 'SEQD' = SEQUENTIAL DATA SCAN 'SEQW' = SEQUENTIAL DATA SCAN OF THE WORK FILE (A TEMPORARY TABLE)
zRP	HEX	8	(IBM name: QW0004RP) NUMBER OF ROWS OF ALL RECORD TYPES PROCESSED BY A SCAN. FOR EXAMPLE: SELECT A1 FROM TABLE_A WHERE A1=3 ASSUME THAT THE TABLE SPACE THAT CONTAINS TABLE_A ALSO

			CONTAINS TABLE_B AND TABLE_C. (THIS PRECLUDES A PARTITIONED TABLE SPACE SINCE A PARTITIONED TABLE SPACE CAN HAVE ONLY ONE TABLE). IF THE TABLE SPACE IS SIMPLE, THIS FIELD COUNTS ALL SCANNED ROWS FROM ALL THREE TABLES. IF THE TABLE SPACE IS SEGMENTED, THIS FIELD COUNTS ALL SCANNED ROWS FROM TABLE_A ONLY. THEREFORE, THIS FIELD IS IDENTICAL TO QW0053LA IF THE TABLE SPACE CONTAINS ONLY ONE TABLE OR IF THE TABLE SPACE IS SEGMENTED. FOR AN INDEX SCAN (SEE QW0053ID ABOVE), THIS FIELD COUNTS THE NUMBER OF INDEX ENTRIES SCANNED. BECAUSE AN INDEX SPACE CAN CONTAIN ONLY ONE INDEX, THIS FIELD IS IDENTICAL TO QW0053LA.
zLA	HEX	8	(IBM name: QW0004LA) NUMBER OF ROWS OF A GIVEN RECORD TYPE PROCESSED BY A SCAN. EXAMPLE: SELECT A1 FROM TABLE_A WHERE A1=3 ASSUME THAT THE TABLE SPACE THAT CONTAINS TABLE_A ALSO CONTAINS TABLE_B AND TABLE_C. (THIS PRECLUDES A PARTITIONED TABLE SPACE SINCE A PARTITIONED TABLE SPACE CAN HAVE ONLY ONE TABLE). IF THE TABLE SPACE IS SIMPLE, THIS FIELD COUNTS ALL SCANNED ROWS FROM ALL THREE TABLES. IF THE TABLE SPACE IS SEGMENTED, THIS FIELD COUNTS ALL SCANNED ROWS FROM TABLE_A ONLY. THEREFORE, THIS FIELD IS IDENTICAL TO QW0053RP IF THE TABLE SPACE CONTAINS ONLY ONE TABLE OR IF THE TABLE SPACE IS SEGMENTED. FOR AN INDEX SCAN (SEE QW0053ID ABOVE), THIS FIELD COUNTS THE NUMBER OF INDEX ENTRIES SCANNED. BECAUSE AN INDEX SPACE CAN CONTAIN ONLY ONE INDEX, THIS FIELD IS IDENTICAL TO QW0053RP.
zDQ	HEX	8	(IBM name: QW0004DQ)\n
zRQ	HEX	8	(IBM name: QW0004RQ) NUMBER OF ROWS THAT RDS QUALIFIED. THIS VALUE IS THE SAME AS THE NUMBER OF ROWS THAT WERE RETURNED TO THE USER. THIS FIELD APPLIES TO LOCAL FETCHES AND TO DISTRIBUTED FETCHES THAT USE LIMITED BLOCK FETCH, MULTI-ROW FETCH, OR FIXED-ROW-PROTOCOL FETCH.
zIN	HEX	8	(IBM name: QW0004IN) NUMBER OF ROWS INSERTED. FOR A GIVEN IFCID 0053 RECORD, ONLY ONE OF THE FIELDS QW0053IN, QW0053UP, OR QW0053DE CAN BE NONZERO.
zUP	HEX	8	(IBM name: QW0004UP) NUMBER OF ROWS UPDATED. FOR A GIVEN IFCID 0053 RECORD, ONLY ONE OF THE FIELDS QW0053IN, QW0053UP, OR QW0053DE CAN BE NONZERO.
zDE	HEX	8	(IBM name: QW0004DE) NUMBER OF ROWS DELETED. FOR A GIVEN IFCID 0053 RECORD, ONLY ONE OF THE FIELDS QW0053IN, QW0053UP, OR QW0053DE CAN BE NONZERO.
zPS	INT	4	(IBM name: QW0004PS) NUMBER OF PAGES SCANNED. FOR AN INDEX SCAN, THIS FIELD CONTAINS THE NUMBER OF INDEX PAGES SCANNED (NOT INDEX SUBPAGES).
zPR	INT	4	(IBM name: QW0004PR) NUMBER OF ADDITIONAL PAGES SCANNED TO ENFORCE REFERENTIAL CONSTRAINTS.
zDR	HEX	8	(IBM name: QW0004DR) NUMBER OF ADDITIONAL ROWS DELETED OR SET NULL TO ENFORCE REFERENTIAL CONSTRAINTS.
zPL	HEX	4	(IBM name: QW0004PL) NUMBER OF ADDITIONAL PAGES SCANNED IN A LOB TABLE SPACE.
zUL	HEX	4	(IBM name: QW0004UL) NUMBER OF LOB DATA PAGES UPDATED BY AN SQL INSERT OR SQL UPDATE.

Secondary segment: SMF102_QW0055

Field Name	Type	Len	Description
<i>SMF102_QW0055.<fieldname></i>			
zOI	CHAR	8	(IBM name: QW0004OI) %U PREVIOUS SQLID. %U IF QW0055OI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNI	CHAR	8	(IBM name: QW0004NI) %U NEW (ATTEMPTED) SQLID. %U IF QW0055NI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zST	CHAR	1	(IBM name: QW0004ST) THE EXECUTION STATUS OF STATEMENT: 'S' SUCCESSFUL 'F' FAILED 'X' SUCCESSFUL (ALTHOUGH AUTHORIZATION VALIDATION FAILED). THE STATEMENT IS SUCCESSFUL BECAUSE THE USER HAD SYSADM AUTHORITY.
zOI_Off	INT	2	(IBM name: QW0004OI_Off) IF QW0055OI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0055 TO QW0055OI_LEN.
zNI_Off	INT	2	(IBM name: QW0004NI_Off) IF QW0055NI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0055 TO QW0055NI_LEN.

Secondary segment: SMF102_QW0056

Field Name	Type	Len	Description
<i>SMF102_QW0056.<fieldname></i>			
zLC	HEX	1	(IBM name: QW0004LC) LATCH CLASS. SEE THE QVLS MAPPING FOR ADDITIONAL DETAILS.
zLA	HEX	8	(IBM name: QW0004LA) (S) LATCH TOKEN.
zLF	HEX	4	(IBM name: QW0004LF) (S) CONTENTS OF LATCH FIRST WORD.

Secondary segment: SMF102_QW0057

Field Name	Type	Len	Description
<i>SMF102_QW0057.<fieldname></i>			
zLA	HEX	8	(IBM name: QW0004LA) (S) LATCH TOKEN.
zLC	HEX	1	(IBM name: QW0004LC) LATCH CLASS. SEE THE QVLS MAPPING FOR ADDITIONAL DETAILS.
zTS	INT	4	(IBM name: QW0004TS) (S) NUMBER OF TIMES SUSPENDED.

Secondary segment: SMF102_QW0058

Field Name	Type	Len	Description
<i>SMF102_QW0058.<fieldname></i>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0058LN_OFF IS NOT 0, THIS VALUE

			IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG TO %U ANY PACKAGE COLLECTION. %U IF QW0058PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U PROGRAM NAME. IF THE IFCID 0058 RECORD IS WRITTEN AFTER %U AN IFCID 0059 RECORD, THIS FIELD CONTAINS THE NAME OF %U THE STORED PROCEDURE THAT WAS CALLED BY THE %U CLIENT PROGRAM. %U FOR QMF, THIS FIELD CONTAINS 'DSQILSQL'. %U FOR DSNTepnn, THIS FIELD CONTAINS 'DSNTepnn'. %U IF QW0058PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.
zSQ	CHAR	136	(IBM name: QW0058SQ) CONTENTS OF SQLCA (136 BYTES). IN THIS FIELD, YOU CAN FIND VARIOUS RETURN CODES AND ANY ERROR MESSAGES FROM THE SQL STATEMENT EXECUTED.
zSECTN	CHAR	2	(IBM name: QW0058SECTN) SECTION NUMBER OF THE STATEMENT, FROM SYSIBM.SYSPACKSTMT.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE STATEMENT EXECUTED. USE THIS NUMBER TO MATCH WITH THE 'BEGINNING' IFCID (0059 THROUGH 0066). IF THE APPLICATION REQUESTER (AR) IS NOT DB2, OR IF LIMITED OR CONTINUOUS BLOCK FETCH IS IN EFFECT, THE CONTENTS OF THIS FIELD ARE UNPREDICTABLE.
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0058LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0058 TO QW0058LN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0058PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0058 TO QW0058PC_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0058PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0058 TO QW0058PN_LEN.
zCID	HEX	8	(IBM name: QW0058CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0058QID) QUERY INSTANCE ID (QRYINSID).
zTOS	HEX	1	(IBM name: QW0058TOS) TYPE OF SQL REQUEST. SEE QW0053TOS FOR POSSIBLE VALUES.
zEXR	CHAR	2	(IBM name: QW0058EXR) REASON THAT THE SQL STATEMENT WAS EXPANDED. SEE QW0053ER FOR POSSIBLE VALUES.
zID	CHAR	4	(IBM name: QW0058ID) SCAN TYPE:
zRP	HEX	8	(IBM name: QW0058RP) NUMBER OF ROWS OF ALL RECORD TYPES PROCESSED BY A SCAN. FOR EXAMPLE: SELECT A1 FROM TABLE_A WHERE A1=3 ASSUME THAT THE TABLE SPACE THAT CONTAINS TABLE_A ALSO CONTAINS TABLE_B AND TABLE_C. (THIS PRECLUDES A PARTITIONED TABLE SPACE, SINCE A PARTITIONED TABLE SPACE CAN HAVE ONLY ONE TABLE). IF THE TABLE SPACE IS SIMPLE, THIS FIELD COUNTS ALL SCANNED ROWS FROM ALL THREE TABLES. IF THE TABLE SPACE IS SEGMENTED, THIS FIELD COUNTS ALL SCANNED ROWS FROM TABLE_A ONLY. THEREFORE, THIS FIELD IS IDENTICAL TO QW0058LA IF THE TABLE SPACE CONTAINS ONLY ONE TABLE OR IF THE TABLE SPACE IS SEGMENTED. FOR AN INDEX SCAN (SEE QW0058ID ABOVE), THIS FIELD COUNTS THE NUMBER OF INDEX ENTRIES SCANNED. BECAUSE AN INDEX SPACE CAN CONTAIN ONLY ONE INDEX, THIS FIELD IS IDENTICAL TO

			QW0058LA.
zLA	HEX	8	(IBM name: QW0058LA) NUMBER OF ROWS OF A GIVEN RECORD TYPE PROCESSED BY A SCAN. EXAMPLE: 'SELECT * FROM T1 WHERE A1=3' SELECT A1 FROM TABLE_A WHERE A1=3 ASSUME THAT THE TABLE SPACE THAT CONTAINS TABLE_A ALSO CONTAINS TABLE_B AND TABLE_C. (THIS PRECLUDES A PARTITIONED TABLE SPACE, SINCE A PARTITIONED TABLE SPACE CAN HAVE ONLY ONE TABLE). IF THE TABLE SPACE IS SIMPLE, THIS FIELD COUNTS ALL SCANNED ROWS FROM ALL THREE TABLES. IF THE TABLE SPACE IS SEGMENTED, THIS FIELD COUNTS ALL SCANNED ROWS FROM TABLE_A ONLY. THEREFORE, THIS FIELD IS IDENTICAL TO QW0058RP IF THE TABLE SPACE CONTAINS ONLY ONE TABLE OR IF THE TABLE SPACE IS SEGMENTED. FOR AN INDEX SCAN (SEE QW0058ID ABOVE), THIS FIELD COUNTS THE NUMBER OF INDEX ENTRIES SCANNED. BECAUSE AN INDEX SPACE CAN CONTAIN ONLY ONE INDEX, THIS FIELD IS IDENTICAL TO QW0058RP.
zDQ	HEX	8	(IBM name: QW0058DQ) NUMBER OF ROWS QUALIFIED AFTER STAGE 1. FOR A FETCH OPERATION, SEE IFCID 0059.
zRQ	HEX	8	(IBM name: QW0058RQ) NUMBER OF ROWS THAT RDS QUALIFIED. THIS VALUE IS THE SAME AS THE NUMBER OF ROWS THAT WERE RETURNED TO THE USER. THIS FIELD APPLIES TO LOCAL FETCHES AND TO DISTRIBUTED FETCHES THAT USE LIMITED BLOCK FETCH, MULTI-ROW FETCH, OR FIXED-ROW-PROTOCOL FETCH.
zIN	HEX	8	(IBM name: QW0058IN) NUMBER OF ROWS INSERTED. FOR A GIVEN IFCID 0058 RECORD, ONLY ONE OF THE FIELDS QW0058IN, QW0058UP, OR QW0058DE CAN BE NONZERO.
zUP	HEX	8	(IBM name: QW0058UP) NUMBER OF ROWS UPDATED. FOR A GIVEN IFCID 0058 RECORD, ONLY ONE OF THE FIELDS QW0058IN, QW0058UP, OR QW0058DE CAN BE NONZERO.
zDE	HEX	8	(IBM name: QW0058DE) NUMBER OF ROWS DELETED. FOR A GIVEN IFCID 0058 RECORD, ONLY ONE OF THE FIELDS QW0058IN, QW0058UP, OR QW0058DE CAN BE NONZERO.
zPS	HEX	4	(IBM name: QW0058PS) NUMBER OF GETPAGE REQUESTS DATA MANAGER ISSUED TO BUFFER MANAGER. THIS FIELD COUNTS SUCCESSFUL AND UNSUCCESSFUL UNCONDITIONAL REQUESTS AND SUCCESSFUL CONDITIONAL REQUESTS. FOR AN INDEX SCAN, THIS FIELD COUNTS THE NUMBER OF GETPAGE REQUESTS ON INDEX PAGES (NOT INDEX SUBPAGES).
zPR	HEX	4	(IBM name: QW0058PR) NUMBER OF ADDITIONAL GETPAGE REQUESTS DATA MANAGER ISSUED TO BUFFER MANAGER TO ENFORCE REFERENTIAL CONSTRAINTS.
zDR	HEX	8	(IBM name: QW0058DR) NUMBER OF ADDITIONAL ROWS DELETED OR SET NULL TO ENFORCE REFERENTIAL CONSTRAINTS.
zPL	HEX	4	(IBM name: QW0058PL) NUMBER OF ADDITIONAL PAGES SCANNED IN A LOB TABLE SPACE.
zUL	HEX	4	(IBM name: QW0058UL) NUMBER OF LOB DATA PAGES UPDATED BY AN SQL INSERT OR UPDATE.
zTY	HEX	2	(IBM name: QW0058TY) TYPE OF STATEMENT. POSSIBLE VALUES ARE:
zTK	HEX	8	(IBM name: QW0058TK) STATEMENT IDENTIFIER.
zSR	HEX	8	(IBM name: QW0058SR) NUMBER OF SYNCHRONOUS BUFFER READS.
zGP	HEX	8	(IBM name: QW0058GP) NUMBER OF GETPAGE OPERATIONS.

zER	HEX	8	(IBM name: QW0058ER) NUMBER OF ROWS EXAMINED.
zPO	HEX	8	(IBM name: QW0058PO) NUMBER OF ROWS PROCESSED.
zST	HEX	8	(IBM name: QW0058ST) NUMBER OF SORTS.
zIS	HEX	8	(IBM name: QW0058IS) NUMBER OF INDEX SCANS.
zTB	HEX	8	(IBM name: QW0058TB) NUMBER OF TABLE SPACE SCANS.
zWT	HEX	8	(IBM name: QW0058WT) NUMBER OF BUFFER WRITES.
zPG	HEX	8	(IBM name: QW0058PG) NUMBER OF PARALLEL GROUPS CREATED.
zET	TIME	8	(IBM name: QW0058ET) ACCUMULATED IN-DB2 ELAPSED TIME.
zCP	TIME	8	(IBM name: QW0058CP) ACCUMULATED IN-DB2 CPU TIME. THIS TIME INCLUDES CPU TIME THAT WAS CONSUMED ON AN IBM SPECIALTY ENGINE.
zSI	CHAR	8	(IBM name: QW0058SI) ACCUMULATED WAIT FOR SYNCHRONOUS I/O.
zLK	TIME	8	(IBM name: QW0058LK) ACCUMULATED WAIT TIME FOR LOCKS.
zEU	TIME	8	(IBM name: QW0058EU) ACCUMULATED WAIT TIME FOR SYNCHRONOUS EXECUTION UNIT SWITCHES.
zGL	TIME	8	(IBM name: QW0058GL) ACCUMULATED WAIT TIME FOR GLOBAL LOCKS.
zOR	TIME	8	(IBM name: QW0058OR) ACCUMULATED WAIT TIME FOR READ ACTIVITY BY ANOTHER THREAD.
zOW	TIME	8	(IBM name: QW0058OW) ACCUMULATED WAIT TIME FOR WRITE ACTIVITY BY ANOTHER THREAD.
zRL	HEX	8	(IBM name: QW0058RL) NUMBER OF TIMES THAT THE RID LIST WAS NOT USED BECAUSE THE NUMBER OF RIDS WOULD HAVE EXCEEDED DB2 LIMITS.
zRS	HEX	8	(IBM name: QW0058RS) NUMBER OF TIMES THAT A RID LIST WAS NOT USED BECAUSE THERE IS NOT ENOUGH STORAGE AVAILABLE TO HOLD THE LIST OF RIDS.
zLH	TIME	8	(IBM name: QW0058LH) ACCUMULATED WAIT TIME FOR LATCHES.
zPA	TIME	8	(IBM name: QW0058PA) ACCUMULATED WAIT TIME FOR PAGE LATCHES.
zDA	TIME	8	(IBM name: QW0058DA) ACCUMULATED WAIT TIME FOR DRAIN LOCKS.
zCL	TIME	8	(IBM name: QW0058CL) ACCUMULATED WAIT TIME FOR CLAIM COUNTS.
zLG	TIME	8	(IBM name: QW0058LG) ACCUMULATED WAIT TIME FOR LOG WRITERS.
zAWTK	CHAR	8	(IBM name: QW0058AWTK)\n
zAWTM	CHAR	8	(IBM name: QW0058AWTM)\n
zAWTN	CHAR	8	(IBM name: QW0058AWTN)\n
zAWTO	CHAR	8	(IBM name: QW0058AWTO)\n
zAWTQ	CHAR	8	(IBM name: QW0058AWTQ)\n

zPW	TIME	8	(IBM name: QW0058PW) ACCUMULATED WAIT TIME FOR PIPES.
zPQ	CHAR	8	(IBM name: QW0058PQ)\n

Secondary segment: **SMF102_QW0059**

Field Name	Type	Len	Description
<i>SMF102_QW0059.<fieldname></i>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0059LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG TO %U ANY PACKAGE COLLECTION. %U IF QW0059PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U PROGRAM NAME. %U FOR QMF, THIS FIELD CONTAINS 'DSQILSQL'. %U FOR DSNTEPnn, THIS FIELD CONTAINS 'DSNTEPnn'. %U IF QW0059PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.
zST	CHAR	1	(IBM name: QW0058ST) STATEMENT TYPE: X'01' = FETCH
zCL	HEX	2	(IBM name: QW0058CL) LENGTH OF THE CURSOR NAME.
zCN	CHAR	18	(IBM name: QW0058CN) %U CURSOR NAME. %U NAME OF THE CURSOR USED IN THE APPLICATION PROGRAM. %U FOR QMF, THE CURSOR NAME IS 'CRSR1'. %U IF QW0059CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE STATEMENT EXECUTED. USE THIS NUMBER TO FIND THE MATCHING IFCID 0058.
zFS	CHAR	1	(IBM name: QW0058FS) FETCH SENSITIVITY:
zFO	CHAR	1	(IBM name: QW0058FO) FETCH ORIENTATION:
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0059LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0059 TO QW0059LN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0059PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0059 TO QW0059PC_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0059PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0059 TO QW0059PN_LEN.
zCN_Off	INT	2	(IBM name: QW0058CN_Off) IF QW0059CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0059 TO QW0059CN_LEN.
zCID	HEX	8	(IBM name: QW0058CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0058QID) QUERY COMMAND ID.

Secondary segment: **SMF102_QW0060**

Field Name	Type	Len	Description
<i>SMF102_QW0060.<fieldname></i>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0060LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG TO %U ANY PACKAGE COLLECTION. %U IF QW0060PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U NAME OF PROGRAM CONTAINING THIS SQL STATEMENT. %U IF QW0060PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.
zST	CHAR	1	(IBM name: QW0058ST) STATEMENT TYPE:
zI	CHAR	1	(IBM name: QW0058I) STATEMENT ISOLATION LEVEL. FIELDS QW0060RR THROUGH QW0060RS ARE CONSTANTS FOR QW0060I.
zRO	HEX	2	(IBM name: QW0058RO) WHETHER DB2 REOPTIMIZED THE ACCESS PATH. FIELDS QW0060R0 AND QW0060R1 ARE CONSTANTS FOR QW0060RO.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE STATEMENT EXECUTED. USE THIS NUMBER TO FIND THE MATCHING IFCID 0058 RECORD.
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0060LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0060 TO QW0060LN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0060PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0060 TO QW0060PC_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0060PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0060 TO QW0060PN_LEN.
zCID	HEX	8	(IBM name: QW0058CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0058QID) QUERY COMMAND ID.
zER	CHAR	2	(IBM name: QW0058ER) REASON THAT THE SQL STATEMENT WAS EXPANDED. SEE QW0053ER FOR POSSIBLE VALUES.

Secondary segment: **SMF102_QW0061**

Field Name	Type	Len	Description
<i>SMF102_QW0061.<fieldname></i>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0061LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	

			(IBM name: QW0058PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG %U TO ANY PACKAGE COLLECTION. %U IF QW0061PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U NAME OF PROGRAM CONTAINING THIS SQL STATEMENT. %U IF QW0061PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.
zST	CHAR	1	(IBM name: QW0058ST) STATEMENT TYPE. THE POSSIBLE VALUES ARE:
zCL	HEX	2	(IBM name: QW0058CL) LENGTH OF THE CURSOR NAME.
zCN	CHAR	18	(IBM name: QW0058CN) %U CURSOR NAME. (THE LENGTH OF THIS FIELD IS IN QW0061CL.) %U NAME OF THE CURSOR USED IN THE APPLICATION PROGRAM. %U THIS FIELD IS BLANK IF THE STATEMENT TYPE IS NON-CURSOR. %U IF QW0061CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zI	CHAR	1	(IBM name: QW0058I) STATEMENT ISOLATION LEVEL. QW0061RR THROUGH QW0061RS ARE CONSTANTS FOR QW0061I.
zRO	HEX	2	(IBM name: QW0058RO) WHETHER DB2 REOPTIMIZED THE ACCESS PATH. FIELDS QW0061R0 AND QW0061R1 ARE CONSTANTS FOR QW0061RO.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE STATEMENT EXECUTED. USE THIS NUMBER TO FIND THE MATCHING IFCID 0058 RECORD.
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0061LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0061 TO QW0061LN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0061PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0061 TO QW0061PC_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0061PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0061 TO QW0061PN_LEN.
zCN_Off	INT	2	(IBM name: QW0058CN_Off) IF QW0061CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0061 TO QW0061CN_LEN.
zCI	HEX	8	(IBM name: QW0058CI)\n
zQI	HEX	8	(IBM name: QW0058QI)\n
zER	CHAR	2	(IBM name: QW0058ER) REASON THAT THE SQL STATEMENT WAS EXPANDED. SEE QW0053ER FOR POSSIBLE VALUES.

Secondary segment: **SMF102_QW0062**

Field Name	Type	Len	Description
<i>SMF102_QW0062.<fieldname></i>			
zST	CHAR	1	(IBM name: QW0058ST) ONE-BYTE STATEMENT TYPE:
zOT	CHAR	1	(IBM name: QW0058OT) OBJECT TYPE:

zOL	HEX	2	(IBM name: QW0058OL) LENGTH OF OBJECT NAME + 2 .
zON	CHAR	1	(IBM name: QW0058ON) %U OBJECT NAME (SEE QW0062OL FOR LENGTH). %U THE NAME DOES NOT INCLUDE THE QUALIFIER. FOR EXAMPLE, %U IF THE STATEMENT IS 'DROP TABLE SYSADM.TABLEXX', THIS %U FIELD CONTAINS 'TABLEXX'.

Secondary segment: **SMF102_QW0063**

Field Name	Type	Len	Description
<i>SMF102_QW0063.<fieldname></i>			
zOT	HEX	1	(IBM name: QW0058OT) PARSER OPTIONS AND HOST LANGUAGE: '1.....'B, STRING DELIMITER = QUOTE '0.....'B, STRING DELIMITER = APOST '1.....'B, DECIMAL = COMMA '0.....'B, DECIMAL = PERIOD '1.....'B, SQL DELIMITER = QUOTESQL '0.....'B, SQL DELIMITER = APOSTSQL '1.....'B, MIXED = YES '0.....'B, MIXED = NO '....0111'B, HOST LANGUAGE = SEE FIELD QW0063HL TO DETERMINE HOST LANGUAGE. '....0110'B, HOST LANGUAGE = COBOL2 '....0101'B, HOST LANGUAGE = FORTRAN '....0100'B, HOST LANGUAGE = DYNAMIC SQL OR JAVA '....0011'B, HOST LANGUAGE = PL/I '....0010'B, HOST LANGUAGE = COBOL '....0001'B, HOST LANGUAGE = ASSEMBLER
zHL	HEX	1	(IBM name: QW0058HL) HOST LANGUAGE. THIS FIELD IDENTIFIES THE HOST LANGUAGE IF THE HOST LANGUAGE BIT MASK (QW00630T) IS '....0111'B. THIS FIELD CAN BE ALSO BE USED IF THE HOST LANGUAGE BIT MASK IS NOT 7. THE POSSIBLE VALUES ARE:
zLL	HEX	2	(IBM name: QW0058LL) LENGTH OF THE SQL STATEMENT TO BE PARSED + 2.
zST	CHAR	1	(IBM name: QW0058ST) %U SQL STATEMENT TO BE PARSED. (THE LENGTH IS IN %U QW0063LL.) AN EXAMPLE IS 'DROP TABLE SYDADM.TABLEXX'. %U THE SQL STATEMENT IN THIS FIELD IS TRUNCATED IF %U IT EXCEEDS THE FIELD MAXIMUM OF 5000 (DECIMAL) BYTES. %U FOR LONGER STATEMENTS, SEE IFCID 0350. %U BEGINNING WITH DB2 2.3, HOST VARIABLES IN SQL %U STATEMENTS ARE REPRESENTED AS ' :H ' IN THIS FIELD.
zTY	HEX	2	(IBM name: QW0058TY) TYPE OF STATEMENT. POSSIBLE VALUES ARE:
zSI	CHAR	8	(IBM name: QW0058SI) STATEMENT IDENTIFIER.
zCC	HEX	2	(IBM name: QW0058CC) ORIGINAL SOURCE CCSID.

Secondary segment: **SMF102_QW0064**

Field Name	Type	Len	Description
<i>SMF102_QW0064.<fieldname></i>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0064LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCI	CHAR	18	(IBM name: QW0058CI) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG %U TO ANY PACKAGE COLLECTION. %U IF QW0064CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	

			(IBM name: QW0058PN) %U PROGRAM NAME. %U FOR QMF, THIS FIELD CONTAINS 'DSQILSQL'. %U IF QW0064PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.
zST	CHAR	1	(IBM name: QW0058ST) PREPARE STATEMENT TYPE. THE POSSIBLE VALUES ARE:
zCL	HEX	2	(IBM name: QW0058CL) LENGTH OF THE CURSOR NAME.
zCN	CHAR	18	(IBM name: QW0058CN) %U CURSOR NAME. (THE LENGTH OF THIS FIELD IS IN QW0064CL.) %U NAME OF THE CURSOR USED IN THE APPLICATION PROGRAM. %U THIS FIELD IS BLANK IF THE STATEMENT TYPE IS NON-CURSOR. %U FOR QMF, THE VALUE IN THIS FIELD IS 'CRSR1'. %U IF QW0064CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE PREPARE STATEMENT. USE THIS NUMBER TO FIND THE MATCHING IFCID 0058 RECORD.
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0064LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0064 TO QW0064LN_LEN.
zCI_Off	INT	2	(IBM name: QW0058CI_Off) IF QW0064CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0064 TO QW0064CI_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0064PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0064 TO QW0064PN_LEN.
zCN_Off	INT	2	(IBM name: QW0058CN_Off) IF QW0064CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0064 TO QW0064CN_LEN.
zCID	HEX	8	(IBM name: QW0058CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0058QID) QUERY COMMAND ID.

Secondary segment: **SMF102_QW0065**

Field Name	Type	Len	Description
SMF102_QW0065.<fieldname>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0065LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG %U TO ANY PACKAGE COLLECTION. %U IF QW0065PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U PROGRAM NAME. %U FOR QMF, THIS FIELD CONTAINS 'DSQILSQL'. %U IF QW0065PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.

zST	CHAR	1	(IBM name: QW0058ST) STATEMENT TYPE: X'91' = OPEN CURSOR.
zCL	HEX	2	(IBM name: QW0058CL) LENGTH OF THE CURSOR NAME FIELD.
zCN	CHAR	18	(IBM name: QW0058CN) %U CURSOR NAME. %U NAME OF THE CURSOR USED IN THE APPLICATION PROGRAM. %U FOR QMF, THE CURSOR NAME IS 'CRSR1'. %U IF QW0065CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zI	CHAR	1	(IBM name: QW0058I) STATEMENT ISOLATION LEVEL. QW0065RR THROUGH QW0065RS ARE CONSTANTS FOR QW0065I.
zRO	HEX	2	(IBM name: QW0058RO) WHETHER DB2 REOPTIMIZED THE ACCESS PATH. QW0065R0 AND QW0065R1 ARE CONSTANTS FOR QW0065RO.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE OPEN CURSOR STATEMENT. USE THIS NUMBER TO FIND THE MATCHING IFCID 0058 RECORD.
zSC	CHAR	1	(IBM name: QW0058SC) CURSOR SCROLLABILITY:
zSV	CHAR	1	(IBM name: QW0058SV) CURSOR SENSITIVITY:
zRT	CHAR	1	(IBM name: QW0058RT) CURSOR RESULT TABLE TYPE:
zTY	CHAR	1	(IBM name: QW0058TY) WHETHER THE IMPLICIT COMMIT CURSOR ATTRIBUTE IS SPECIFIED WHEN THE CURSOR IS CLOSED:
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0065LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0065 TO QW0065LN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0065PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0065 TO QW0065PC_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0065PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0065 TO QW0065PN_LEN.
zCN_Off	INT	2	(IBM name: QW0058CN_Off) IF QW0065CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0065 TO QW0065CN_LEN.
zCID	HEX	8	(IBM name: QW0058CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0058QID) QUERY COMMAND ID.
zER	CHAR	2	(IBM name: QW0058ER) REASON THAT THE SQL STATEMENT WAS EXPANDED. SEE QW0053ER FOR POSSIBLE VALUES.

Secondary segment: **SMF102_QW0066**

Field Name	Type	Len	Description
SMF102_QW0066.<fieldname>			
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. %U IF QW0066LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG TO %U ANY PACKAGE COLLECTION. %U IF QW0066PC_OFF IS NOT

			0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U PROGRAM NAME. %U FOR QMF, THIS FIELD CONTAINS 'DSQILSQL'. %U IF QW0066PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP.
zOS	CHAR	2	(IBM name: QW0058OS) RESERVED.
zST	CHAR	1	(IBM name: QW0058ST) STATEMENT TYPE:
zCL	HEX	2	(IBM name: QW0058CL) LENGTH OF THE CURSOR NAME.
zCN	CHAR	18	(IBM name: QW0058CN) %U CURSOR NAME. (THE LENGTH OF THIS FIELD IS IN QW0066CL.) %U NAME OF THE CURSOR USED IN THE APPLICATION PROGRAM. %U THIS FIELD CANNOT BE BLANK. %U FOR QMF, THE CURSOR NAME IS 'CRSR1'. %U IF QW0066CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTY	CHAR	1	(IBM name: QW0058TY) WHETHER THE STATEMENT IS IMPLICITLY OR EXPLICITLY CLOSED:
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER OF THE CLOSE CURSOR STATEMENT. USE THIS NUMBER TO FIND THE MATCHING IFCID 0058 RECORD.
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0066LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0066 TO QW0066LN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0066PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0066 TO QW0066PC_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0066PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0066 TO QW0066PN_LEN.
zCN_Off	INT	2	(IBM name: QW0058CN_Off) IF QW0066CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0066 TO QW0066CN_LEN.
zCID	HEX	8	(IBM name: QW0058CID) QUERY INSTANCE ID.
zQID	HEX	8	(IBM name: QW0058QID) QUERY COMMAND ID.

Secondary segment: **SMF102_QW0067**

Field Name	Type	Len	Description
<i>SMF102_QW0067.<fieldname></i>			

Secondary segment: **SMF102_QW0068**

Field Name	Type	Len	Description
<i>SMF102_QW0068.<fieldname></i>			
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO THE FUNCTION REQUEST BLOCK.
zCK	HEX	1	(IBM name: QW0058CK) CALLER'S PSW KEY.

Secondary segment: **SMF102_QW0069**

Field Name	Type	Len	Description
<i>SMF102_QW0069.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zNI	CHAR	16	(IBM name: QW0058NI) (S) POINTER TO NETWORK ID.
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FRB.

Secondary segment: **SMF102_QW0070**

Field Name	Type	Len	Description
<i>SMF102_QW0070.<fieldname></i>			
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FRB. TO MATCH WITH IFCID 0071 RECORD, CHECK FOR EQUIVALENT VALUE IN QW0071FR.
zCK	HEX	1	(IBM name: QW0058CK) CALLER'S PSW KEY.

Secondary segment: **SMF102_QW0071**

Field Name	Type	Len	Description
<i>SMF102_QW0071.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zNI	CHAR	16	(IBM name: QW0058NI) (S) POINTER TO NETWORK ID.
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FRB. TO MATCH WITH IFCID 0070 RECORD, CHECK FOR EQUIVALENT VALUE IN QW0070FR.

Secondary segment: **SMF102_QW0072**

Field Name	Type	Len	Description
<i>SMF102_QW0072.<fieldname></i>			
zRN	CHAR	8	(IBM name: QW0058RN) RESOURCE NAME ALIAS PLAN NAME. IF YOU RUN THE DSNTEP2 PROGRAM, THIS FIELD IS 'DSNTEP91'. THIS FIELD MIGHT BE BLANK. FOR EXAMPLE, IF THE THREAD IS CREATED TO PROCESS A DB2 COMMAND (SUCH AS -DISPLAY DATABASE(*)), THEN NO PLAN NAME

			APPEARS IN THIS RECORD.
--	--	--	-------------------------

Secondary segment: **SMF102_QW0073**

Field Name	Type	Len	Description
<i>SMF102_QW0073.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zIN	CHAR	3	(IBM name: QW0058IN) (S) INDOUBT OPTION.
zCT	CHAR	8	(IBM name: QW0058CT) (S) CONNECTION TYPE.
zWT	INT	4	(IBM name: QW0058WT) (S) WEIGHTING FACTOR.
zQL	INT	4	(IBM name: QW0058QL) QUEUE LENGTH OF CREATE THREAD REQUEST. THE LENGTH OF THE QUEUE IS LIMITED BY THE CTHREAD PARAMETER. (SEE FIELD QWP1CT IN IFCID 106.)

Secondary segment: **SMF102_QW0075**

Field Name	Type	Len	Description
<i>SMF102_QW0075.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zCO	CHAR	4	(IBM name: QW0058CO) (S) COMMIT OPTION.

Secondary segment: **SMF102_QW0076**

Field Name	Type	Len	Description
<i>SMF102_QW0076.<fieldname></i>			
zSS	HEX	4	(IBM name: QW0058SS) (S) POINTER TO SUBSYSTEMS OPTIONS BLOCK.
zCK	HEX	1	(IBM name: QW0058CK) SUBSYSTEM INTERFACE CALLER'S PSW KEY.
zAM	HEX	4	(IBM name: QW0058AM) (S) POINTER TO SUBSYSTEM SUPPORT FOR ALLIED ADDRESS SPACES GLOBAL ANCHOR BLOCK.
zFC	INT	4	(IBM name: QW0058FC) (S) FUNCTION CODE.
zF1	HEX	1	(IBM name: QW0058F1) FLAGS:
zAS	HEX	4	(IBM name: QW0058AS) (S) POINTER TO ADDRESS SPACE CONTROL BLOCK.

zID	INT	2	(IBM name: QW0058ID) END OF MEMORY ADDRESS SPACE IDENTIFIER.
-----	-----	---	---

Secondary segment: **SMF102_QW0077**

Field Name	Type	Len	Description
SMF102_QW0077.<fieldname>			
zR0	INT	4	(IBM name: QW0058R0) RETURN CODE (ALWAYS ZERO).
zPR	CHAR	4	(IBM name: QW0058PR) PROCESSED END OF MEMORY? (4 BYTES) 'YES ' = YES, PROCESSED 'NO ' = NO, DID NOT PROCESS

Secondary segment: **SMF102_QW0078**

Field Name	Type	Len	Description
SMF102_QW0078.<fieldname>			
zAC	HEX	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).
zAG	HEX	4	(IBM name: QW0058AG) (S) POINTER TO ALLIED AGENT BLOCK.
zAS	HEX	4	(IBM name: QW0058AS) (S) POINTER TO ADDRESS SPACE CONTROL ELEMENT.

Secondary segment: **SMF102_QW0079**

Field Name	Type	Len	Description
SMF102_QW0079.<fieldname>			

Secondary segment: **SMF102_QW0080**

Field Name	Type	Len	Description
SMF102_QW0080.<fieldname>			
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FRB
zCK	HEX	1	(IBM name: QW0058CK) CALLER'S PSW KEY

Secondary segment: **SMF102_QW0081**

Field Name	Type	Len	Description
SMF102_QW0081.<fieldname>			
zRT	INT	4	

			(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zRQ	CHAR	2	(IBM name: QW0058RQ) (S) EXIT REQUEST.
zCD	CHAR	2	(IBM name: QW0058CD) (S) EXIT CODE.
zEC	HEX	4	(IBM name: QW0058EC) (S) POINTER TO EVENT CONTROL BLOCK.
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FUNCTION REQUEST BLOCK.

Secondary segment: **SMF102_QW0082**

Field Name	Type	Len	Description
<i>SMF102_QW0082.<fieldname></i>			
zSS	HEX	4	(IBM name: QW0058SS) (S) POINTER TO SUBSYSTEMS OPTIONS BLOCK.
zCK	HEX	1	(IBM name: QW0058CK) SSI CALLER'S PSW KEY.
zAM	HEX	4	(IBM name: QW0058AM) (S) POINTER TO SUBSYSTEM SUPPORT FOR ALLIED ADDRESS SPACES GLOBAL ANCHOR BLOCK.
zFC	INT	4	(IBM name: QW0058FC) (S) SUBSYSTEM INTERFACE FUNCTION CODE:
zF1	HEX	1	(IBM name: QW0058F1) FLAGS:

Secondary segment: **SMF102_QW0083**

Field Name	Type	Len	Description
<i>SMF102_QW0083.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zAD	HEX	1	(IBM name: QW0058AD) ACCESS DENIED INDICATORS. BINARY ZEROS IF ACCESS IS PERMITTED.
zRO	CHAR	3	(IBM name: QW0058RO) REC COORD OPTION (YES OR NO).
zCT	CHAR	8	(IBM name: QW0058CT) (S) CONNECTION TYPE.
zQD	CHAR	8	(IBM name: QW0058QD) CURRENT SQLID.
zOP	CHAR	8	(IBM name: QW0058OP) ORIGINAL PRIMARY AUTHORIZATION ID. THIS VALUE CAN BE NULL.
zSA_Num	INT	2	(IBM name: QW0058SA_Num) NUMBER OF SECONDARY AUTHORIZATION IDS, IF AT LEAST ONE QW0083SA ENTRY IS TRUNCATED.

zSA_Off	INT	2	(IBM name: QW0058SA_Off) IF AT LEAST ONE QW0083SA ENTRY IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0083 TO THE FIRST QW0083SA_LEN ENTRY IN A LIST THAT CONSISTS OF QW0083SA_NUM QW0083SA_LEN/QW0083SA_VAR PAIRS (VARIABLE-LENGTH SECONDARY AUTHORIZATION IDS), WITH NO SPACE BETWEEN PAIRS.
zUT	CHAR	80	(IBM name: QW0058UT) ACEE UTOKEN.
zSL	INT	2	(IBM name: QW0058SL) LENGTH OF SECONDARY AUTHORIZATION ID LIST, INCLUDING THIS FIELD, IN BYTES. IF NO SECONDARY AUTHORIZATION IDS EXIST, THIS FIELD CONTAINS X'0002'.
zSA	CHAR	8	(IBM name: QW0058SA) %U SECONDARY AUTHORIZATION IDS. EACH NAME IS 8 BYTES LONG. %U IF QW0083SA_NUM IS NOT 0, AT LEAST ONE ID IS TRUNCATED.

Secondary segment: **SMF102_QW0084**

Field Name	Type	Len	Description
<i>SMF102_QW0084.<fieldname></i>			
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FUNCTION REQUEST BLOCK.
zCK	HEX	1	(IBM name: QW0058CK) CALLER'S PSW KEY.

Secondary segment: **SMF102_QW0085**

Field Name	Type	Len	Description
<i>SMF102_QW0085.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zNI	CHAR	16	(IBM name: QW0058NI) (S) POINTER TO NETWORK ID.
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FUNCTION REQUEST BLOCK.

Secondary segment: **SMF102_QW0086**

Field Name	Type	Len	Description
<i>SMF102_QW0086.<fieldname></i>			
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FUNCTION REQUEST BLOCK.
zCK	HEX	1	(IBM name: QW0058CK) CALLER'S PSW KEY.

Secondary segment: SMF102_QW0087

Field Name	Type	Len	Description
<i>SMF102_QW0087.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) REASON CODE.
zAD	HEX	1	(IBM name: QW0058AD) ACCESS DENIED INDICATOR. BINARY ZEROS IF ACCESS PERMITTED. IF THIS FIELD CONTAINS X'40', IT MEANS ACCESS WAS DENIED BY THE SIGNON AUTHORIZATION EXIT.
zQD	CHAR	8	(IBM name: QW0058QD) CURRENT SQLID.
zOP	CHAR	8	(IBM name: QW0058OP) ORIGINAL PRIMARY AUTHORIZATION ID PASSED BY ATTACHMENT FACILITY. THIS VALUE CAN BE NULL.
zSA_Num	INT	2	(IBM name: QW0058SA_Num) NUMBER OF SECONDARY AUTHORIZATION IDS, IF AT LEAST ONE QW0087SA ENTRY IS TRUNCATED.
zSA_Off	INT	2	(IBM name: QW0058SA_Off) IF AT LEAST ONE QW0087SA ENTRY IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0087 TO THE FIRST QW0087SA_LEN ENTRY IN A LIST THAT CONSISTS OF QW0087SA_NUM QW0087SA_LEN/QW0087SA_VAR PAIRS (VARIABLE-LENGTH SECONDARY AUTHORIZATION IDS), WITH NO SPACE BETWEEN PAIRS.
zUT	CHAR	80	(IBM name: QW0058UT) ACEE UTOKEN.
zSL	INT	2	(IBM name: QW0058SL) LENGTH OF SECONDARY AUTHORIZATION ID LIST, INCLUDING THIS FIELD, IN BYTES. IF NO SECONDARY AUTHORIZATION IDS EXIST, THIS FIELD CONTAINS X'0002'.
zSA	CHAR	8	(IBM name: QW0058SA) %U SECONDARY AUTHORIZATION IDS. EACH NAME IS 8 BYTES LONG. %U IF QW0087SA_NUM IS NOT 0, AT LEAST ONE ID IS TRUNCATED.

Secondary segment: SMF102_QW0088

Field Name	Type	Len	Description
<i>SMF102_QW0088.<fieldname></i>			
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FUNCTION REQUEST BLOCK.
zCK	HEX	1	(IBM name: QW0058CK) CALLER'S PSW KEY.

Secondary segment: SMF102_QW0089

Field Name	Type	Len	Description
<i>SMF102_QW0089.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) (S) RETURN CODE.
zRS	INT	4	

			(IBM name: QW0058RS) (S) REASON CODE.
zFR	HEX	4	(IBM name: QW0058FR) (S) POINTER TO FUNCTION REQUEST BLOCK.

Secondary segment: **SMF102_QW0090**

Field Name	Type	Len	Description
<i>SMF102_QW0090.<fieldname></i>			
zLN	INT	2	(IBM name: QW0058LN) LENGTH OF THE FOLLOWING TEXT + 2.
zCT	CHAR	1	(IBM name: QW0058CT) COMMAND TEXT (THE LENGTH OF THIS FIELD IS SPECIFIED IN FIELD QW0080LN). EXAMPLE: '-STO TRACE (PERFM)' OR '-DISPLAY DATABASE(*)'. FOR MORE INFORMATION ABOUT DB2 COMMANDS, SEE COMMAND REFERENCE.

Secondary segment: **SMF102_QW0091**

Field Name	Type	Len	Description
<i>SMF102_QW0091.<fieldname></i>			
zRC	INT	4	(IBM name: QW0058RC) (S) GCPC RETURN CODE.
zRS	INT	4	(IBM name: QW0058RS) (S) COMMAND PROCESSOR RETURN CODE.
zBA	HEX	4	(IBM name: QW0058BA) (S) RESPONSE BUFFER TOKEN.

Secondary segment: **SMF102_QW0092**

Field Name	Type	Len	Description
<i>SMF102_QW0092.<fieldname></i>			
zPL	INT	2	(IBM name: QW0058PL) LENGTH OF THE ACCESS METHOD SERVICES COMMAND + 2.
zP1	CHAR	1	(IBM name: QW0058P1) ACCESS METHOD SERVICES COMMAND. THE MAXIMUM LENGTH OF THIS FIELD IS 160 BYTES. EXAMPLE: 'DELETE DSN1.DSNDBC.DSNDB04.TABLEXX.I0001.A001 CLUSTER CATALOG(DSN1/'DSNDEFPW') ' THIS FIELD MATCHES FIELD QW0097P1 OF IFCID 0097, WHICH CORRESPONDS TO THIS IFCID 0092 RECORD.

Secondary segment: **SMF102_QW0093**

Field Name	Type	Len	Description
<i>SMF102_QW0093.<fieldname></i>			
zRB	CHAR	80	(IBM name: QW0058RB) (S) RESOURCE OPTIONS BLOCK (ROB).

zRF	CHAR	4	(IBM name: QW0058RF) (S)
zRC	INT	4	(IBM name: QW0058RC) (S)
zAC	INT	2	(IBM name: QW0058AC) (S)

Secondary segment: **SMF102_QW0094**

Field Name	Type	Len	Description
<i>SMF102_QW0094.<fieldname></i>			
zRC	INT	4	(IBM name: QW0058RC) (S) RETURN CODE - 0 IS SUCCESSFUL.
zCK	TSTMP	8	(IBM name: QW0058CK) THE STORE CLOCK IN THE STANDARD HEADER INDICATES THE RESUME TIME.

Secondary segment: **SMF102_QW0096**

Field Name	Type	Len	Description
<i>SMF102_QW0096.<fieldname></i>			
zNR	INT	8	(IBM name: QW0058NR)\n
zDL	INT	4	(IBM name: QW0058DL) SORT DATA AREA SIZE (IN BYTES).
zKL	INT	4	(IBM name: QW0058KL) SORT KEY SIZE (IN BYTES).
zIN	INT	8	(IBM name: QW0058IN) (S) NUMBER OF WORK FILE INSERTIONS.
zRD	INT	8	(IBM name: QW0058RD) (S) NUMBER OF WORK FILE RETRIEVALS.
zWR	INT	4	(IBM name: QW0058WR) SORT RECORD SIZE (IN BYTES). THE RECORD SIZE IS THE SUM OF THE FOLLOWING: (1) KEYLENGTH (FROM FIELD QW0096KL) (2) DATA AREA LENGTH (FROM FIELD QW0096DL) FOR A RECORD SIZE GREATER THAN 4KB (THE SUM OF QW0096DL AND QW0096KL), THE RECORD SIZE DURING SORT IS THE SUM OF THE FOLLOWING: (1) KEYLENGTH (FROM FIELD QW0096KL) (2) RID FIELD (6 BYTES).
zWF	INT	4	(IBM name: QW0058WF) NUMBER OF WORK FILES USED (LIMITED BY THE BUFFER POOL SIZE) FOR BOTH INPUT AND MERGE PHASES. IF THE NUMBER OF WORK FILES USED IS GREATER THAN 1, THEN THIS NUMBER IS ONE MORE THAN THE NUMBER IN QW0028NP, WHICH RECORDS THE NUMBER OF WORK FILES CREATED IN THE INPUT PHASE. THE EXTRA WORK FILE IS FOR THE OUTPUT WORK FILE.
zRC	INT	2	(IBM name: QW0058RC) SORT RETURN CODE: 0 MEANS NO ERROR 4 MEANS EMPTY - SORT SUCCESSFUL 8 MEANS RESOURCE UNAVAILABLE 12 MEANS THE SORT KEY WAS TOO LARGE 16 MEANS AN ERROR WAS DETECTED DURING INPUT PHASE BY THE FETCH ROUTINE. 20 MEANS A SERIOUS PROCESSING ERROR OCCURRED.
zIR	INT	4	(IBM name: QW0058IR) NUMBER OF INITIAL WORK FILES. THE SORTING RECORDS CAN TAKE MORE THAN ONE WORK FILE. THE NUMBER OF WORK FILES NEEDED DEPENDS ON THE DISTRIBUTION OF SORT KEY VALUES. THE NUMBER OF WORK FILES IS EQUAL TO THE NUMBER CREATED IN THE INPUT PHASE (DOES NOT INCLUDE THE OUTPUT WORK FILE

			WHEN THERE IS MORE THAN ONE WORK FILE). THE MAXIMUM NUMBER OF WORK FILES IS LIMITED ONLY BY THE BUFFER POOL SIZE.
zRL	INT	8	(IBM name: QW0058RL) NUMBER OF ROWS DELETED BECAUSE RECORDS WERE MERGED FOR THE EVALUATION OF COLUMN FUNCTIONS WITH 'GROUP BY.'
zMP	INT	4	(IBM name: QW0058MP) NUMBER OF MERGE PASSES DURING SORT PROCESSING.
zTS	CHAR	4	(IBM name: QW0058TS) THE TYPE OF SORT THAT OCCURRED:
zPN	CHAR	18	(IBM name: QW0058PN) %U THE PROGRAM NAME FOR THE QUERY THAT INVOKES SORT. %U IF QW0096PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U THE PACKAGE COLLECTION-ID FOR THE QUERY THAT INVOKES %U SORT. %U IF QW0096PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zSN	INT	4	(IBM name: QW0058SN) THE STATEMENT NUMBER FOR THE QUERY THAT INVOKES SORT.
zPW	INT	4	(IBM name: QW0058PW) THE NUMBER OF WORK FILES (EQUAL TO THE DEGREE OF PARALLEL I/O PROCESSING) THAT SORT PARTITIONED. THIS FIELD IS VALID IF QW0096PP='Y' OR IF QW0096PO='Y'. OTHERWISE, THIS FIELD CONTAINS ZERO.
zPP	CHAR	1	(IBM name: QW0058PP) INDICATES PARTITIONING OF THE SORTED RECORDS. 'Y' MEANS THE SORTED RECORDS ARE BEING PARTITIONED. 'N' MEANS THE SORTED RECORDS ARE NOT BEING PARTITIONED.
zPO	CHAR	1	(IBM name: QW0058PO) INDICATES WHETHER AN OUTPUT WORK FILE IS SORTED AS WELL AS PARTITIONED. 'Y' MEANS IT IS SORTED. 'N' MEANS IT IS NOT SORTED.
zPT	CHAR	1	(IBM name: QW0058PT) INDICATES WHEN THE PARTITIONING TOOK PLACE:
zSC	INT	2	(IBM name: QW0058SC) NUMBER OF SORT COLUMNS.
zSK	INT	2	(IBM name: QW0058SK) NUMBER OF SORT KEYS.
zRU	INT	4	(IBM name: QW0058RU) (S)
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0096PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0096 TO QW0096PN_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0096PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0096 TO QW0096PC_LEN.

Secondary segment: **SMF102_QW0097**

Field Name	Type	Len	Description
<i>SMF102_QW0097.<fieldname></i>			
zRC	INT	4	(IBM name: QW0058RC) ACCESS METHOD SERVICES RETURN CODE.
zPL	INT	2	(IBM name: QW0058PL) LENGTH OF THE ACCESS METHOD SERVICES COMMAND + 2.
zP1	CHAR	1	(IBM name: QW0058P1) TEXT OF THE ACCESS METHOD SERVICES COMMAND. THE LENGTH OF THIS FIELD IS IN QW0097PL (THE MAXIMUM IS 160 BYTES). THIS

			FIELD MATCHES FIELD QW0072P1 OF THE PRECEDING IFCID 0092.
--	--	--	---

Secondary segment: **SMF102_QW0098**

Field Name	Type	Len	Description
SMF102_QW0098.<fieldname>			
zT	CHAR	1	(IBM name: QW0058T) TYPE OF REQUEST.
zC	CHAR	2	(IBM name: QW0058C) TYPE OF CONDITION.
zSC	HEX	1	(IBM name: QW0058SC) (S) STORAGE CLASS.
zAM	INT	4	(IBM name: QW0058AM) AMOUNT OF STORAGE REQUESTED.

Secondary segment: **SMF102_QW0099**

Field Name	Type	Len	Description
SMF102_QW0099.<fieldname>			
zRC	INT	4	(IBM name: QW0058RC) (S)

Secondary segment: **SMF102_QW0100**

Field Name	Type	Len	Description
SMF102_QW0100.<fieldname>			
zT	CHAR	1	(IBM name: QW0058T) TYPE OF REQUEST: 'C' CONTRACT (SHORT FORM) 'E' EXPAND (SHORT FORM) 'X' EXPAND (LONG FORM) 'G' GETMAIN (SHORT FORM) 'F' FREEMAIN (SHORT FORM).
zC	CHAR	2	(IBM name: QW0058C) TYPE OF CONDITION: 'RC' CONDITIONAL 'RU' UNCONDITIONAL.
zSC	HEX	1	(IBM name: QW0058SC) (S) STORAGE CLASS.
zAM	INT	4	(IBM name: QW0058AM) AMOUNT OF STORAGE REQUESTED.
zPH	CHAR	24	(IBM name: QW0058PH) (S) STORAGE POOL DESCRIPTION.
zSF	INT	4	(IBM name: QW0058SF)\n
zSB	TSTMP	8	(IBM name: QW0058SB) STORE CLOCK BEFORE GETMAIN (TYPE X).
zSA	TSTMP	8	(IBM name: QW0058SA) STORE CLOCK AFTER GETMAIN (TYPE X).
zRC	INT	4	(IBM name: QW0058RC) RETURN CODE (TYPE X).
zLF	INT	4	(IBM name: QW0058LF)\n

Secondary segment: SMF102_QW0101

Field Name	Type	Len	Description
<i>SMF102_QW0101.<fieldname></i>			
zRC	INT	4	(IBM name: QW0058RC) RETURN CODE. 0 IS SUCCESSFUL.

Secondary segment: SMF102_QW0103

Field Name	Type	Len	Description
<i>SMF102_QW0103.<fieldname></i>			
zSC	TSTMP	8	(IBM name: QW0058SC) STORE CLOCK TIME

Secondary segment: SMF102_QW0104

Field Name	Type	Len	Description
<i>SMF102_QW0104.<fieldname></i>			
zDI	CHAR	8	(IBM name: QW0058DI) LOG MANAGER DATA SET ID (SEE QW0032 FOR FORMAT).
zDN	CHAR	44	(IBM name: QW0058DN) DATA SET NAME OF THE ACTIVE LOG (44 BYTES).

Secondary segment: SMF102_QW0105

Field Name	Type	Len	Description
<i>SMF102_QW0105.<fieldname></i>			
zDB	HEX	2	(IBM name: QW0058DB) DATABASE ID (DBID). THE INTERNAL ID OF THE DATABASE. THE CHARACTER NAME APPEARS IN FIELD QW0105DN.
zOB	HEX	2	(IBM name: QW0058OB) PAGE SET OBID (PSID). THE INTERNAL ID OF THE TABLE SPACE OR INDEX SPACE. THE CHARACTER NAME APPEARS IN QW0105TN.
zDN	CHAR	8	(IBM name: QW0058DN) DATABASE NAME. THE NAME OF THE DATABASE WHOSE ID APPEARS IN QW0105DB.
zTN	CHAR	8	(IBM name: QW0058TN) TABLE SPACE NAME (OR INDEX SPACE NAME). THE NAME OF THE TABLE SPACE OR INDEX SPACE WHOSE ID APPEARS IN QW0105OB.

Secondary segment: SMF102_QW0107

Field Name	Type	Len	Description
<i>SMF102_QW0107.<fieldname></i>			
zT	CHAR	1	

			(IBM name: QW0058T) TYPE OF REQUEST: 'O'= OPEN DATA SET. 'C'= CLOSE DATA SET.
zDB	HEX	2	(IBM name: QW0058DB) DATABASE ID. (SEE QW00107DN FOR THE NAME OF THE DATABASE.)
zOB	HEX	2	(IBM name: QW0058OB) PAGE SET ID. (SEE QW00107TN FOR THE NAME OF THE TABLE SPACE.)
zDN	CHAR	8	(IBM name: QW0058DN) DATABASE NAME. NAME OF THE DATABASE WITH DBID IN QW0107DB. FOR EXAMPLE, IF DBID = X'0001' THEN THIS FIELD CONTAINS 'DSNDB01' (THAT IS, THE DB2 DIRECTORY).
zTN	CHAR	8	(IBM name: QW0058TN) TABLE SPACE NAME. NAME OF THE TABLE SPACE WITH PSID IN QW0107OB. FOR EXAMPLE, IF PAGE SET ID IS X'003F', THEN THIS FIELD CONTAINS 'SYSLGRNX' (IN THE DB2 DIRECTORY).

Secondary segment: **SMF102_QW0108**

Field Name	Type	Len	Description
SMF102_QW0108.<fieldname>			
zPN	CHAR	8	(IBM name: QW0058PN) POSSIBLE VALUES FOR THIS FIELD ARE: -THE PLAN NAME (IF QW0108TY = PLAN). -ALL BLANKS, INDICATING THAT A TEST BIND WAS PERFORMED. -ZEROS.
zI	CHAR	2	(IBM name: QW0058I) THE ISOLATION LEVEL FOR PLANS AND PACKAGES:
zT	CHAR	1	(IBM name: QW0058T) TYPE OF BIND:
zA	CHAR	1	(IBM name: QW0058A) ACTION: (ONLY VALID FOR BIND. FOR REBIND, THIS FIELD IS X'00'.
zV	CHAR	1	(IBM name: QW0058V) VALIDATE AT:
zQ	CHAR	1	(IBM name: QW0058Q) ACQUIRE LOCKS AT:
zR	CHAR	1	(IBM name: QW0058R) RELEASE LOCKS (FOR BOTH PLANS AND PACKAGES): RELEASE LOCKS (FOR PACKAGES ONLY):
zE	CHAR	1	(IBM name: QW0058E) SQL ERROR (ONLY VALID FOR BIND PACKAGE):
zF	CHAR	1	(IBM name: QW0058F) CURRENTDATA CONTROLS THE BLOCKING OF REMOTELY ACCESSED DATA FOR AMBIGUOUS CURSORS. FOR INFORMATION ABOUT AMBIGUOUS CURSORS, SEE THE CURRENTDATA PARAMETER OF THE BIND OR REBIND PACKAGE/PLAN SUBCOMMANDS IN COMMAND REFERENCE.
zS	CHAR	1	(IBM name: QW0058S) REBIND FLAGS:
zX	HEX	1	(IBM name: QW0058X) EXPLAIN FLAGS:
zPR	CHAR	1	(IBM name: QW0058PR) DATABASE PROTOCOL FOR THREE-PART NAMES:
zOW	CHAR	8	(IBM name: QW0058OW) %U SPECIFIED OWNER OF PLAN OR PACKAGE. %U IF QW0108OW_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTY	CHAR	8	(IBM name: QW0058TY) TYPE OF OBJECT BOUND OR REBOUND.

zQL	CHAR	8	(IBM name: QW0058QL) %U QUALIFIER FOR UNQUALIFIED OBJECTS. %U IF QW0108QL_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCA	INT	2	(IBM name: QW0058CA) AUTHORIZATION CACHE SIZE. ZERO MEANS THAT THE VALUE IN SUBSYSTEM PARAMETER QWP4AUCA IS USED.
zPK	CHAR	126	(IBM name: QW0058PK) PACKAGE NAME. THIS FIELD IS VALID ONLY IF QW0108TY='PACKAGE '. OTHERWISE, THIS FIELD CONTAINS ZERO.
zNL	CHAR	16	(IBM name: QW0058NL) %U PACKAGE LOCATION. %U THIS FIELD CONTAINS BLANK IF THE LOCAL LOCATION IS NOT %U DEFINED. %U IF QW0108NL_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNC	CHAR	18	(IBM name: QW0058NC) %U COLLECTION ID OF THE PACKAGE. %U IF QW0108NC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNI	CHAR	18	(IBM name: QW0058NI) %U PACKAGE ID. %U IF QW0108NI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zNT	CHAR	8	(IBM name: QW0058NT) CONSISTENCY TOKEN OF PACKAGE.
zVI	CHAR	66	(IBM name: QW0058VI) VERSION ID.
zVL	INT	2	(IBM name: QW0058VL) VERSION LENGTH.
zVN	CHAR	64	(IBM name: QW0058VN) VERSION NAME.
zPL	INT	2	(IBM name: QW0058PL) DEGREE OPTION FOR BIND:
zSR	CHAR	1	(IBM name: QW0058SR) SQLRULES OPTION:
zDC	CHAR	1	(IBM name: QW0058DC) DISCONNECT OPTION:
zDY	CHAR	1	(IBM name: QW0058DY) DYNAMICRULES OPTION FOR DYNAMIC SQL STATEMENTS. SEE COMMAND REFERENCE FOR INFORMATION ABOUT THE DYNAMICRULES OPTION.
zDP	CHAR	1	(IBM name: QW0058DP) DEFER/NODEFER(PREPARE) BIND OR REBIND OPTION FOR REMOTE SQL: 'Y' = DEFER. 'N' = NODEFER. '' = NOT SPECIFIED (FOR PACKAGES ONLY). 'I' = INHERIT FROM THE PLAN VALUE AT RUN TIME.
zRO	HEX	2	(IBM name: QW0058RO) REOPT/NOREOPT(VARS) OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER ACCESS PATHS ARE CHOSEN ONLY AT BIND OR REBIND TIME, OR WHETHER THEY ARE DETERMINED AGAIN AT EXECUTION TIME. ACCESS PATHS CAN BE DETERMINED AT EXECUTION TIME FOR STATEMENTS WITH THE FOLLOWING TYPES OF VARIABLE INPUT: - INPUT HOST VARIABLES - PARAMETER MARKERS - VALUES IN SPECIAL REGISTERS.
zKD	CHAR	1	(IBM name: QW0058KD) KEEPDYNAMIC OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER DB2 KEEPS (KEEPDYNAMIC(YES)) OR DISCARDS (KEEPDYNAMIC(NO)) PREPARED SQL STATEMENTS AT COMMIT POINTS.
zOH	CHAR	8	(IBM name: QW0058OH) %U OPTIMIZATION HINTS VALUE, OR BLANKS IF NO OPTIMIZATION %U HINTS ARE DEFINED. %U IF QW0108OH_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zIW	CHAR	1	(IBM name: QW0058IW) IMMEDIATE WRITE OF UPDATED GROUP BUFFER POOL BUFFERS: 'Y' = IMMEDIATEWRITE(YES). 'N' = IMMEDIATEWRITE(NO). '1' = IMMEDIATEWRITE(PH1). 'I' = IMMEDIATEWRITE(INHERITFROMPLAN).

zSC	CHAR	1	(IBM name: QW0058SC) ENCODING CCSID SCHEME:
zCC	HEX	2	(IBM name: QW0058CC) ENCODING CCSID VALUE.
zOW_Off	INT	2	(IBM name: QW0058OW_Off) IF QW0108OW IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0108 TO QW0108OW_LEN.
zQL_Off	INT	2	(IBM name: QW0058QL_Off) IF QW0108QL IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0108 TO QW0108QL_LEN.
zNL_Off	INT	2	(IBM name: QW0058NL_Off) IF QW0108NL IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0108 TO QW0108NL_LEN.
zNC_Off	INT	2	(IBM name: QW0058NC_Off) IF QW0108NC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0108 TO QW0108NC_LEN.
zNI_Off	INT	2	(IBM name: QW0058NI_Off) IF QW0108NI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0108 TO QW0108NI_LEN.
zOH_Off	INT	2	(IBM name: QW0058OH_Off) IF QW0108OH IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0108 TO QW0108OH_LEN.

Secondary segment: **SMF102_QW0109**

Field Name	Type	Len	Description
<i>SMF102_QW0109.<fieldname></i>			
zRC	INT	4	(IBM name: QW0058RC) RETURN CODE FROM THE BIND OR REBIND:

Secondary segment: **SMF102_QW0110**

Field Name	Type	Len	Description
<i>SMF102_QW0110.<fieldname></i>			
zPN	CHAR	8	(IBM name: QW0058PN) PLAN NAME BEING FREED. THIS FIELD IS VALID ONLY IF QW0110TY = PLAN.
zS	CHAR	1	(IBM name: QW0058S) IS FREE PLAN(*) OR FREE PACKAGE(*) ENTERED:
zTY	CHAR	8	(IBM name: QW0058TY) TYPE OF OBJECT FREED:
zPK	CHAR	126	(IBM name: QW0058PK) PACKAGE NAME. THIS FIELD IS VALID ONLY IF QW0110TY = PACKAGE, OTHERWISE, IT CONTAINS ZEROES.
zPL	CHAR	16	(IBM name: QW0058PL) %U PACKAGE LOCATION. %U THIS FIELD CONTAINS BLANKS IF THE LOCAL LOCATION IS NOT %U DEFINED. %U IF QW0110PL_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPC	CHAR	18	(IBM name: QW0058PC) %U COLLECTION ID. %U IF QW0110PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPI	CHAR	18	(IBM name: QW0058PI) %U PACKAGE ID. %U IF QW0110PI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

zPT	CHAR	8	(IBM name: QW0058PT) CONSISTENCY TOKEN.
zVI	CHAR	66	(IBM name: QW0058VI) VERSION ID.
zVL	HEX	2	(IBM name: QW0058VL) VERSION LENGTH.
zVN	CHAR	64	(IBM name: QW0058VN) VERSION NAME.
zPL_Off	INT	2	(IBM name: QW0058PL_Off) IF QW0110PL IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0110 TO QW0110PL_LEN.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0110PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0110 TO QW0110PC_LEN.
zPI_Off	INT	2	(IBM name: QW0058PI_Off) IF QW0110PI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0110 TO QW0110PI_LEN.

Secondary segment: **SMF102_QW0111**

Field Name	Type	Len	Description
SMF102_QW0111.<fieldname>			
zRC	INT	4	(IBM name: QW0058RC) RETURN CODE: X'00000000' = SUCCESSFUL RETURN CODE. X'00000004' = WARNING RETURN CODE. X'00000008' = ERROR RETURN CODE.

Secondary segment: **SMF102_QW0112**

Field Name	Type	Len	Description
SMF102_QW0112.<fieldname>			
zPN	CHAR	8	(IBM name: QW0058PN) PLAN NAME. POSSIBLE VALUES: - PLAN NAME, SUCH AS 'DSNTEP91' IF YOU USED DSNTEP2, OR 'DSNESPCS' IF YOU USED SPUFI (WITH CS). - 'DSNBIND'+ X'00' = THE PLAN FOR BIND - 'DSNUTIL' = THE PLAN FOR UTILITIES - 'ACT' + X'0000000000' = THE PLAN FOR AUTHORIZATION - 'BCT' + X'0000000000' = THE PLAN FOR UNALLOCATED - 'STARTCT' + X'00' = THE PLAN FOR STARTUP THREADS AND MISCELLANEOUS DB2 SYSTEM SERVICE TASKS - 'DISTSERV' = THE PLAN FOR A DATABASE ACCESS THREAD FROM AN APPLICATION USING THE DRDA PROTOCOL. SEE QWHCPLAN FOR DETAILS. THIS FIELD CANNOT BE BLANKS.
zI	CHAR	2	(IBM name: QW0058I) ISOLATION LEVEL:
zQ	CHAR	1	(IBM name: QW0058Q) ACQUIRE LOCKS AT:
zR	CHAR	1	(IBM name: QW0058R) RELEASE LOCKS AT:
zDY	CHAR	1	(IBM name: QW0058DY) DYNAMICRULES OPTION FOR DYNAMIC SQL STATEMENTS. SEE COMMAND REFERENCE FOR INFORMATION ABOUT THE DYNAMICRULES OPTION.
zDP	CHAR	1	(IBM name: QW0058DP) DEFER/NODEFER(PREPARE) OPTION FOR BIND OR REBIND PLAN. DETERMINES WHETHER TO DEFER PREPARATION OF DYNAMIC SQL STATEMENTS, OR TO PREPARE THEM IMMEDIATELY. 'Y'

			DEFER(PREPARE). 'N' NODEFER(PREPARE).
zRO	HEX	2	(IBM name: QW0058RO) REOPT/NOREOPT(VARS) OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER ACCESS PATHS ARE CHOSEN ONLY AT BIND OR REBIND TIME, OR WHETHER THEY ARE DETERMINED AGAIN AT EXECUTION TIME. ACCESS PATHS CAN BE DETERMINED AT EXECUTION TIME FOR STATEMENTS WITH THE FOLLOWING TYPES OF VARIABLE INPUT: - INPUT HOST VARIABLES - PARAMETER MARKERS - VALUES IN SPECIAL REGISTERS. X'0000' NOREOPT(VARS). X'0001' REOPT(VARS).
zKD	CHAR	1	(IBM name: QW0058KD) KEEPDYNAMIC OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER DB2 KEEPS (KEEPDYNAMIC(YES)) OR DISCARDS (KEEPDYNAMIC(NO)) PREPARED SQL STATEMENTS AT COMMIT POINTS. 'Y' KEEPDYNAMIC(YES). KEEP PREPARED STATEMENTS. 'N' KEEPDYNAMIC(NO). DISCARD PREPARED STATEMENTS.
zPR	CHAR	1	(IBM name: QW0058PR) DATABASE PROTOCOL FOR THREE-PART NAMES:
zOH	CHAR	8	(IBM name: QW0058OH) %U OPTIMIZATION HINTS VALUE, OR BLANKS IF NO OPTIMIZATION %U HINTS ARE DEFINED. %U IF QW0112OH_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zIW	CHAR	1	(IBM name: QW0058IW) IMMEDIATE WRITE OF UPDATED GROUP BUFFER POOL BUFFERS:
zSC	CHAR	1	(IBM name: QW0058SC)\n\n
zCC	HEX	2	(IBM name: QW0058CC)\n\n
zOH_Off	INT	2	(IBM name: QW0058OH_Off) IF QW0112OH IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0112 TO QW0112OH_LEN.

Secondary segment: **SMF102_QW0113**

Field Name	Type	Len	Description
SMF102_QW0113.<fieldname>			
zPN	CHAR	8	(IBM name: QW0058PN) PLAN NAME: (S) 'DSNBIND'+ X'00' = BIND. (S) 'DSNUTIL ' = UTILITIES. (S) 'ACT'+ X'0000000000' = AUTHORIZATION. (S) 'BCT'+ X'0000000000' = BASIC CT ALLOCATION. (S) 'STARTCT'+ X'00' = STARTUP ALLOCATION. (S) 'DISTSERV' = DATABASE ACCESS THREAD. SEE QWHCPLAN FOR DETAILS.
zI	CHAR	2	(IBM name: QW0058I) ISOLATION LEVEL:
zQ	CHAR	1	(IBM name: QW0058Q) ACQUIRE LOCKS AT: 'A' = ALLOCATION. 'U' = FIRST USE.
zR	CHAR	1	(IBM name: QW0058R) RELEASE LOCKS AT: 'C' = COMMIT. 'D' = DEALLOCATION.
zDY	CHAR	1	(IBM name: QW0058DY) DYNAMICRULES OPTION FOR DYNAMIC SQL STATEMENTS. SEE COMMAND REFERENCE FOR INFORMATION ABOUT THE DYNAMICRULES OPTION.
zDP	CHAR	1	(IBM name: QW0058DP) DEFER/NODEFER(PREPARE) OPTION FOR BIND OR REBIND PLAN. DETERMINES WHETHER TO DEFER PREPARATION OF DYNAMIC SQL STATEMENTS, OR TO PREPARE THEM IMMEDIATELY. 'Y' DEFER(PREPARE). 'N' NODEFER(PREPARE).
zRO	HEX	2	(IBM name: QW0058RO) REOPT/NOREOPT(VARS) OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER ACCESS PATHS ARE CHOSEN ONLY AT BIND OR REBIND TIME, OR WHETHER THEY ARE

			DETERMINED AGAIN AT EXECUTION TIME. ACCESS PATHS CAN BE DETERMINED AT EXECUTION TIME FOR STATEMENTS WITH THE FOLLOWING TYPES OF VARIABLE INPUT: - INPUT HOST VARIABLES - PARAMETER MARKERS - VALUES IN SPECIAL REGISTERS. X'0000' NOREOPT(VARS). X'0001' REOPT(VARS).
zKD	CHAR	1	(IBM name: QW0058KD) KEEPDYNAMIC OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER DB2 KEEPS (KEEPDYNAMIC(YES)) OR DISCARDS (KEEPDYNAMIC(NO)) PREPARED SQL STATEMENTS AT COMMIT POINTS. 'Y' KEEPDYNAMIC(YES). KEEP PREPARED STATEMENTS. 'N' KEEPDYNAMIC(NO). DISCARD PREPARED STATEMENTS.
zPR	CHAR	1	(IBM name: QW0058PR) DATABASE PROTOCOL FOR THREE-PART NAMES:
zOH	CHAR	8	(IBM name: QW0058OH) %U OPTIMIZATION HINTS VALUE, OR BLANKS IF NO OPTIMIZATION %U HINTS ARE DEFINED. %U IF QW0113OH_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zIW	CHAR	1	(IBM name: QW0058IW) IMMEDIATE WRITE OF UPDATED GROUP BUFFER POOL BUFFERS:
zSC	CHAR	1	(IBM name: QW0058SC)\n
zCC	HEX	2	(IBM name: QW0058CC)\n
zOH_Off	INT	2	(IBM name: QW0058OH_Off) IF QW0113OH IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0113 TO QW0113OH_LEN.

Secondary segment: **SMF102_QW0114**

Field Name	Type	Len	Description
<i>SMF102_QW0114.<fieldname></i>			
zDI	CHAR	8	(IBM name: QW0058DI) LOG MANAGER DATA SET ID (SEE QW0032).
zAC	HEX	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).
zRB	CHAR	10	(IBM name: QW0058RB) (S)

Secondary segment: **SMF102_QW0115**

Field Name	Type	Len	Description
<i>SMF102_QW0115.<fieldname></i>			
zBR	INT	4	(IBM name: QW0058BR) (S)
zBS	INT	4	(IBM name: QW0058BS) (S)
zFR	INT	4	(IBM name: QW0058FR) (S)
zRT	INT	4	(IBM name: QW0058RT) RETURN CODE: 0 MEANS A SUCCESSFUL OPERATION.
zAC	HEX	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).

Secondary segment: **SMF102_QW0116**

Field Name	Type	Len	Description
<i>SMF102_QW0116.<fieldname></i>			
zFR	INT	4	(IBM name: QW0058FR) (S)
zLR	INT	4	(IBM name: QW0058LR) (S)
zBU	HEX	4	(IBM name: QW0058BU) (S)
zRT	INT	4	(IBM name: QW0058RT) RETURN CODE: 0 MEANS A SUCCESSFUL OPERATION.
zAC	HEX	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).

Secondary segment: **SMF102_QW0117**

Field Name	Type	Len	Description
<i>SMF102_QW0117.<fieldname></i>			
zRT	CHAR	4	(IBM name: QW0058RT) REQUEST TYPE:
zBR	INT	4	(IBM name: QW0058BR) (S) LOW ORDER BEGIN LOG RBA OF DATA SET.
zER	INT	4	(IBM name: QW0058ER) (S) LOW ORDER END LOG RBA OF DATA SET.
zRR	INT	4	(IBM name: QW0058RR) (S) LOW ORDER END LOG RBA REQUIRED.
zST	INT	4	(IBM name: QW0058ST) (S) SERVICE TASK ID OF THE SERVICE TASK PERFORMING THE READ.
zSH	INT	4	(IBM name: QW0058SH) (S) SERVICE QUEUE HEADER.

Secondary segment: **SMF102_QW0118**

Field Name	Type	Len	Description
<i>SMF102_QW0118.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) RETURN CODE.
zRC	INT	4	(IBM name: QW0058RC) (S) REASON CODE.
zST	INT	4	(IBM name: QW0058ST) (S) SERVICE TASK ID OF THE SERVICE TASK PERFORMING THE READ.
zSH	INT	4	(IBM name: QW0058SH) (S) SERVICE QUEUE HEADER.

Secondary segment: SMF102_QW0119

Field Name	Type	Len	Description
<i>SMF102_QW0119.<fieldname></i>			
zDI	CHAR	8	(IBM name: QW0058DI) DATA SET ID (SEE QW0032).
zAC	HEX	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).
zRB	CHAR	10	(IBM name: QW0058RB) (S)

Secondary segment: SMF102_QW0120

Field Name	Type	Len	Description
<i>SMF102_QW0120.<fieldname></i>			
zRT	INT	4	(IBM name: QW0058RT) RETURN CODE.
zAC	HEX	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).

Secondary segment: SMF102_QW0121

Field Name	Type	Len	Description
<i>SMF102_QW0121.<fieldname></i>			
zFR	CHAR	1	(IBM name: QW0058FR) (S) POINTER TO FRB.

Secondary segment: SMF102_QW0122

Field Name	Type	Len	Description
<i>SMF102_QW0122.<fieldname></i>			
zFR	CHAR	1	(IBM name: QW0058FR) (S) POINTER TO FRB.

Secondary segment: SMF102_QW0123

Field Name	Type	Len	Description
<i>SMF102_QW0123.<fieldname></i>			
zLN	INT	2	(IBM name: QW0058LN) LENGTH OF THE AREA.
zID	INT	2	(IBM name: QW0058ID) IFCID OF THE ORIGINAL ENTRY.
zFR	CHAR	1	(IBM name: QW0058FR) (S)

Secondary segment: **SMF102_QW01242**

Field Name	Type	Len	Description
<i>SMF102_QW01242.<fieldname></i>			
z2T	CHAR	1	(IBM name: QW00582T) %U SQL STATEMENT TEXT. %U THIS SECTION IS PRESENT IF THE AGENT IS AT THREAD LEVEL %U AND AN SQL STATEMENT IS PRESENT. %U FOR DYNAMIC SQL, THE REPORTED STATEMENT %U MIGHT BE A SELECT STATEMENT, EVEN THOUGH THE %U STATEMENT THAT IS BEING PROCESSED BY THE APPLICATION %U IS A PREPARE, OPEN, OR FETCH STATEMENT. FOR %U STATIC SQL, THE REPORTED STATEMENT MIGHT BE %U A SELECT STATEMENT, EVEN THOUGH THE ACTUAL %U STATEMENT IS DECLARE CURSOR. CHECK THE RDISTYPE FIELD %U TO DETERMINE THE ACTUAL SQL STATEMENT TYPE. %U HOST VARIABLES ARE DISPLAYED AS ' :H ' IN THIS FIELD. %U WITH THE EXCEPTION OF A CONTROL STATEMENT IN A %U NATIVE SQL PROCEDURE OR AN INLINE SCALAR %U USER-DEFINED FUNCTION, ONLY THE FIRST 2098 BYTES %U MIGHT BE RETURNED. ALL BYTES BEYOND 4000 BYTES ARE %U TRUNCATED, AND THE LENGTH IS SET TO 4000. %U FOR A CONTROL STATEMENT IN A NATIVE SQL PROCEDURE OR A %U NON-INLINE SCALAR USER-DEFINED FUNCTION, THIS FIELD %U MIGHT CONTAIN THE FULL TEXT OF THE CREATE PROCEDURE, %U ALTER PROCEDURE, CREATE FUNCTION, OR ALTER FUNCTION %U STATEMENT. IN THAT CASE, THE LENGTH IS NOT LIMITED TO %U 4000 BYTES.

Secondary segment: **SMF102_QW01243**

Field Name	Type	Len	Description
<i>SMF102_QW01243.<fieldname></i>			
z3G	HEX	1	(IBM name: QW00583G) INFORMATION ABOUT THE APPLICATION PLAN: X'40' = YES, HOLD READ LOCKS UNTIL COMMIT. X'04' = YES IF INTERNAL (DYNAMIC) BIND IN PROCESS.
z3F	HEX	1	(IBM name: QW00583F) INFORMATION ABOUT STATIC BIND: X'80' = YES, ACQUIRE(USE) WAS SPECIFIED ON THE STATIC BIND REQUEST. OTHERWISE, SET TO NO. X'40' = YES, RELEASE(COMMIT) WAS SPECIFIED ON THE STATIC BIND REQUEST. OTHERWISE, SET TO NO.
z3R	HEX	1	(IBM name: QW00583R) INFORMATION ABOUT READ:
z3K	HEX	1	(IBM name: QW00583K) RESERVED.

Secondary segment: **SMF102_QW01244**

Field Name	Type	Len	Description
<i>SMF102_QW01244.<fieldname></i>			
z4E	TIME	8	(IBM name: QW00584E) ELAPSED TIME FOR SQL STATEMENT EXECUTION.
z4C	TIME	8	(IBM name: QW00584C) CPU TIME CONSUMED FOR EXECUTION OF THE SQL STATEMENT. THIS VALUE IS NOT AVAILABLE FOR SQL STATEMENTS THAT RUN UNDER AN SRB. THEREFORE, THIS VALUE DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.

z4P	CHAR	8	(IBM name: QW00584P) THE LAST PAGE ACCESSED BY THE SQL STATEMENT. CONSISTS OF THE FOLLOWING THREE FIELDS:
z4D	HEX	2	(IBM name: QW00584D) DBID OF THE PAGE SET.
z4S	HEX	2	(IBM name: QW00584S) PSID OF THE PAGE SET.
z4N	HEX	6	(IBM name: QW00584N) PAGE NUMBER WITHIN PAGE SET.

Secondary segment: **SMF102_QW01245**

Field Name	Type	Len	Description
<i>SMF102_QW01245.<fieldname></i>			
z5B	INT	4	(IBM name: QW00585B) BUFFER POOL ID.
z5G	INT	4	(IBM name: QW00585G) NUMBER OF GETPAGE REQUESTS.
z5R	INT	4	(IBM name: QW00585R) NUMBER OF SYNCHRONOUS READ I/O REQUESTS.

Secondary segment: **SMF102_QW01246**

Field Name	Type	Len	Description
<i>SMF102_QW01246.<fieldname></i>			
z6Y	CHAR	8	(IBM name: QW00586Y) CONNECTION TYPE.
z6A	INT	4	(IBM name: QW00586A) ACE (SEE QWHSACE) OF THE THREAD BEING REPORTED ON. THE VALUE IN QWHSACE IS THE ACE OF THE IFI APPLICATION THAT REQUESTED THIS TRACE RECORD
z6Q	INT	2	(IBM name: QW00586Q) THE APPLICATION REQUEST COUNT IS THE NUMBER OF ATTACHMENT FACILITY CALLS TO DB2.
z6S	INT	2	(IBM name: QW00586S) ASID OF AGENT.
z6I	CHAR	1	(IBM name: QW00586I) WHERE THE AGENT IS EXECUTING NOW: A = IN APPLICATION D = IN DB2.
z6L	HEX	1	(IBM name: QW00586L) (S) STATUS INDICATORS:
z6D	HEX	1	(IBM name: QW00586D) AGENT STATUS INFORMATION:
z6E	HEX	1	(IBM name: QW00586E) (S) STATUS INDICATORS:
z6C	INT	4	(IBM name: QW00586C) ADDRESS SPACE CONTROL BLOCK (ASCB) TOKEN.
z6T	INT	4	(IBM name: QW00586T) TASK CONTROL BLOCK (TCB) TOKEN.
zCP	CHAR	60	(IBM name: QW0058CP) CURRENT PACKAGE NAME. THIS FIELD IS BLANK UNTIL AN SQL STATEMENT IS EXECUTED FOR THE PACKAGE. ONCE ESTABLISHED, THE CURRENT PACKAGE NAME FOR A THREAD

			DOES NOT CHANGE UNTIL AN SQL STATEMENT ALTERS PART OR ALL OF THE CURRENT PACKAGE NAME. THE CURRENT PACKAGE NAME IS BLANK WHEN A THREAD IS NOT CURRENTLY EXECUTING A PACKAGE. IF THE CURRENT OR MOST RECENTLY EXECUTED SQL STATEMENT WAS 'CONNECT' OR 'SET CURRENT PACKAGE SET', THEN THE CURRENT PACKAGE NAME HAS NOT YET BEEN FULLY ESTABLISHED, AND THIS FIELD IS BLANK. 'COMMIT', 'ROLLBACK', 'SET <HOST VARIABLE> = CURRENT PACKAGE SET', AND 'SET <HOST VARIABLE> = CURRENT SERVER' EXECUTE WITHOUT REGARD TO THE CURRENT PACKAGE NAME. THE CURRENT PACKAGE NAME THAT IS RETURNED DURING AND AFTER EXECUTION OF THESE STATEMENTS IS THAT OF THE SQL STATEMENT THAT PRECEDED IT. IF THE APPLICATION REQUESTER INDICATES THAT THE CURRENT PACKAGE RESIDES AT AN APPLICATION SERVER, THEN THE CURRENT PACKAGE NAME IS THE PACKAGE THAT THE REQUEST LOCATION ASKED TO BE EXECUTED. BECAUSE OF COMMUNICATION AND OTHER DELAYS, THE PACKAGE MIGHT NOT ACTUALLY BE CURRENTLY EXECUTING AT THE SERVING LOCATION.
zLN	CHAR	16	(IBM name: QW0058LN) %U LOCATION NAME. THE LOCATION NAME CONTAINS THE NAME OF %U THE LOCAL LOCATION OR REMOTE LOCATION, DEPENDING ON %U WHERE THE THREAD EXECUTES A PACKAGE. %U COMMIT, ROLLBACK, SET <HOST VARIABLE> = CURRENT PACKAGE %U SET, AND SET <HOST VARIABLE> = CURRENT SERVER STATEMENTS %U EXECUTE LOCALLY, REGARDLESS OF THE CURRENT PACKAGE NAME. %U FOR THESE STATEMENTS, THIS FIELD CONTAINS THE LOCATION %U WHERE THE PACKAGE EXECUTES, NOT THE LOCATION WHERE THE %U STATEMENT EXECUTES. %U IF QW0124LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPK	CHAR	44	(IBM name: QW0058PK) PACKAGE NAME.
zCI	CHAR	18	(IBM name: QW0058CI) %U COLLECTION NAME. %U IF QW0124CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPN	CHAR	18	(IBM name: QW0058PN) %U PACKAGE ID. %U IF QW0124PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zCN	CHAR	8	(IBM name: QW0058CN) CONSISTENCY TOKEN. THIS IS A 64-BIT UNSIGNED PRIMARY INTEGER.
zLU	CHAR	24	(IBM name: QW0058LU) LOGICAL UNIT OF WORK ID (LUWID) AS DEFINED FOR THE LU 6.2 INTERFACE. THE LUWID UNIQUELY IDENTIFIES THE THREAD WITHIN THE NETWORK AND CONSISTS OF THE FOLLOWING: A FULLY QUALIFIED NETWORK NAME (QW0148LM), AN LUW INSTANCE NUMBER (QW0148UV) AND AN LUW SEQUENCE NUMBER (SEE FIELDS BELOW). THE FULLY QUALIFIED NETWORK NAME IS A MAXIMUM 16-BYTES IN LENGTH, CONSISTING OF TWO 8-CHARACTER FIELDS, QW0124NI AND QW0124LM, THAT TOGETHER UNIQUELY IDENTIFY A CLIENT SYSTEM.
zNI	CHAR	8	(IBM name: QW0058NI) FIRST PART OF NETWORK NAME (SEE QW0124LU).
zLM	CHAR	8	(IBM name: QW0058LM) SECOND PART OF NETWORK NAME (SEE QW0124LU).
zUV	HEX	6	(IBM name: QW0058UV) INSTANCE NUMBER. THIS IS DISPLAYED AS 12 HEX CHARACTERS. WHEN CONCATENATED WITH THE FULLY QUALIFIED NETWORK NAME IT UNIQUELY IDENTIFIES A DISTRIBUTED THREAD. (ALTHOUGH THIS FIELD MIGHT APPEAR TO BE A TIMESTAMP, IT IS NOT TO BE PROCESSED AS ONE. FOR MORE INFORMATION SEE COMMAND REFERENCE.)
zCC	INT	2	(IBM name: QW0058CC) LUW SEQUENCE NUMBER. THIS IS USED TO UNIQUELY IDENTIFY THE LAST COMMIT SCOPE THAT THE LOGICAL UNIT PARTICIPATED IN.
zSP	CHAR	18	(IBM name: QW0058SP) %U IF THE AGENT IS EXECUTING A TRIGGER, STORED PROCEDURE, %U OR USER-DEFINED FUNCTION, THE UNQUALIFIED NAME OF THE %U ROUTINE. OTHERWISE, THIS FIELD IS BLANK. %U

			IF QW0124SP_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zAF	CHAR	2	(IBM name: QW0058AF) NESTED ACTIVITY FLAG: '00' NO NESTED ACTIVITY. '01' THE NESTED ACTIVITY IS A STORED PROCEDURE. '02' THE NESTED ACTIVITY IS A USER-DEFINED FUNCTION. '03' THE NESTED ACTIVITY IS A TRIGGER. '04' THE NESTED ACTIVITY IS A NATIVE SQL PROCEDURE. '05' THE NESTED ACTIVITY IS A NON-INLINE USER-DEFINED FUNCTION.
zEI	CHAR	16	(IBM name: QW0058EI) USER ID AT THE END USER'S WORKSTATION. IF QW0124EI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zET	CHAR	32	(IBM name: QW0058ET) END USER'S TRANSACTION NAME.
zEW	CHAR	18	(IBM name: QW0058EW) END USER'S WORKSTATION NAME.
zLN_Off	INT	2	(IBM name: QW0058LN_Off) IF QW0124LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124LN_LEN.
zCI_Off	INT	2	(IBM name: QW0058CI_Off) IF QW0124CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124CI_LEN.
zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0124PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124PN_LEN.
zSP_Off	INT	2	(IBM name: QW0058SP_Off) IF QW0124SP IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124SP_LEN.
zEI_Off	INT	2	(IBM name: QW0058EI_Off) IF QW0124EI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124EI_LEN.
zST	CHAR	8	(IBM name: QW0058ST) STATEMENT ID.
zTK	HEX	2	(IBM name: QW0058TK) TYPE OF SQL STATEMENT:
zET_Off	INT	2	(IBM name: QW0058ET_Off) IF QW0124ET IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124ET_LEN.
zEW_Off	INT	2	(IBM name: QW0058EW_Off) IF QW0124EW IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01246 TO QW0124EW_LEN.

Secondary segment: **SMF102_QW01247**

Field Name	Type	Len	Description
SMF102_QW01247.<fieldname>			
z7S	CHAR	8	(IBM name: QW00587S) %U CURRENT SQLID. %U IF QW01247S_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
z7S_Off	INT	2	(IBM name: QW00587S_Off) IF QW01247S IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01247 TO QW01247S_LEN.

Secondary segment: **SMF102_QW01248**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_QW01248.<fieldname>			
z8LN	INT	2	(IBM name: QW00588LN) LENGTH OF THE ATTRIBUTES STRING.
z8TX	CHAR	1	(IBM name: QW00588TX) %U ATTRIBUTES STRING.

Secondary segment: **SMF102_QW0125**

Field Name	Type	Len	Description
SMF102_QW0125.<fieldname>			
zAT	CHAR	1	(IBM name: QW0058AT) IS RID LIST PROCESSING USED: 'Y' IF RID LIST PROCESSING IS USED. 'N' IF RID LIST PROCESSING IS NOT USED. DURING RID LIST PROCESSING, DB2 USES AN INDEX TO PRODUCE A LIST OF CANDIDATE RIDS (CALLED A RID LIST). THE RID LIST CAN THEN BE SORTED AND/OR INTERSECTED (AND'ED) OR UNIONED (OR'ED) WITH OTHER RID LISTS BEFORE ACTUALLY ACCESSING THE DATA PAGES. RID LIST PROCESSING IS USED FOR A SINGLE INDEX (INDEX ACCESS WITH LIST PREFETCH) OR FOR MULTIPLE INDEXES (MULTIPLE INDEX ACCESS), WHICH IS WHEN THE ANDING AND ORING OF RID LISTS OCCURS. PERFORMANCE DEGRADATION MIGHT OCCUR WHEN THIS FIELD VALUE IS EQUAL TO 'N'. REFER TO FIELDS QW0125NS AND QW0125MR TO DETERMINE WHY THE RID LIST IS NOT BEING USED.
zNS	CHAR	1	(IBM name: QW0058NS) 'S' IF RID LIST PROCESSING IS NOT USED BECAUSE NO RID STORAGE IS AVAILABLE, OTHERWISE, THIS FIELD IS BLANK. NO STORAGE IS AVAILABLE TO HOLD A LIST OF RIDS DURING A GIVEN RID LIST PROCESS INVOLVING ONE INDEX (SINGLE INDEX ACCESS WITH LIST PREFETCH) OR INVOLVING MULTIPLE INDEXES (MULTIPLE INDEX ACCESS). THIS FIELD CAN BE WRITTEN DURING RETRIEVAL, SORTING, ANDING, AND ORING OF RID LISTS.
zMR	CHAR	1	(IBM name: QW0058MR) THE REASON WHY MULTIPLE INDEX ACCESS WITH NORMAL RID LIST PROCESSING WAS NOT USED: 'M': MULTIPLE INDEX ACCESS WAS NOT USED BECAUSE THE RID LIST EXCEEDED AN INTERNAL LIMIT. 'W': MULTIPLE INDEX ACCESS WAS USED, BUT THE RID LIST OVERFLOWED TO WORK FILE STORAGE. 'L': MULTIPLE INDEX ACCESS WAS NOT USED BECAUSE THE NUMBER OF RID BLOCKS EXCEEDED THE VALUE OF THE MAXTEMPS_RID SUBSYSTEM PARAMETER. 'R': MULTIPLE INDEX ACCESS WAS NOT USED BECAUSE NO WORK FILE STORAGE OR RESOURCES WERE AVAILABLE.
zNR	INT	4	(IBM name: QW0058NR) NUMBER OF RIDS IN FINAL LIST. THIS FIELD CAN CONTAIN ZERO IF THERE WERE NO RIDS IN THE FINAL LIST. IT CONTAINS -2 IF THERE WAS NO AVAILABLE STORAGE FOR THE RIDS OR THE NUMBER OF RIDS EXCEEDED THE MAXIMUM LIMIT
zPC	CHAR	18	(IBM name: QW0058PC) PACKAGE COLLECTION ID FOR THIS QUERY. %U IF QW0125PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zPL	CHAR	8	(IBM name: QW0058PL) PLAN ID FOR THIS QUERY.
zPN	CHAR	18	(IBM name: QW0058PN) %U PROGRAM NAME FOR THIS QUERY. %U IF QW0125PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
zTS	TSTMP	8	(IBM name: QW0058TS) PRECOMPILER TIMESTAMP FOR THIS QUERY.
zSN	INT	4	(IBM name: QW0058SN) STATEMENT NUMBER FOR THIS QUERY.
zPC_Off	INT	2	(IBM name: QW0058PC_Off) IF QW0125PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0125 TO QW0125PC_LEN.

zPN_Off	INT	2	(IBM name: QW0058PN_Off) IF QW0125PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0125 TO QW0125PN_LEN.
zRE	CHAR	1	(IBM name: QW0058RE) THIS FIELD HAS ONE OF THE FOLLOWING VALUES: 'Y' = LEGS OF A MULTIPLE INDEX ACCESS PATH ARE REORDERED. 'N' = LEGS OF A MULTIPLE INDEX ACCESS PATH ARE NOT REORDERED.
zAD	CHAR	1	(IBM name: QW0058AD) THIS FIELD HAS ONE OF THE FOLLOWING VALUES: 'Y' = ADAPTIVE INDEX PROCESSING WAS DONE. 'N' = ADAPTIVE INDEX PROCESSING WAS NOT DONE. REASONS INCLUDE THE EXISTENCE OF JOINS OR PRE-V12 PACKAGES.
zDB	INT	2	(IBM name: QW0058DB) DBID OF INDEX.
zOB	INT	2	(IBM name: QW0058OB) OBID OF INDEX. COMPARES WITH THE OBID COLUMN OF SYSIBM.SYSINDEXES.
zRI	INT	4	(IBM name: QW0058RI) NUMBER OF RIDS OBTAINED FROM THE INDEX. THIS FIELD CAN ALSO CONTAIN THE FOLLOWING VALUES: 0 = NO QUALIFYING RIDS. -1 = NO VALUE SINCE THE RETRIEVE FOR THE INDEX WAS SKIPPED. -2 = THERE WAS NO AVAILABLE STORAGE FOR THE RIDS. -3 = THE NUMBER OF RIDS EXCEEDED THE MAXIMUM LIMIT.
zTH	INT	4	(IBM name: QW0058TH) THE THRESHOLD VALUE FOR INDEX. THE THRESHOLD VALUE FOR LIST PREFETCH AND ORING MULTIPLE INDEXES FOR ACCESS IS THE MAXIMUM OF 25 PERCENT OF THE TABLE SIZE (IN BYTES) OR THE NUMBER OF RIDS THAT ONE RID BLOCK CAN HOLD. FOR ANDING MULTIPLE INDEXES, IT IS 25 PERCENT OF THE TABLE SIZE. SEE THE 'PERFORMANCE, MONITORING AND TUNING' SECTION OF ADMINISTRATION GUIDE FOR BIND AND EXECUTION TIME THRESHOLDS.
zTI	HEX	8	(IBM name: QW0058TI) INDEX PROBING ESTIMATE OF THE TOTAL NUMBER OF RIDS IN THE INDEX.
zQI	HEX	8	(IBM name: QW0058QI) INDEX PROBING ESTIMATE OF THE NUMBER OF RIDS IN THE KEY RANGE, ADJUSTED FOR THE FILTER FACTOR.
z_TRSN	CHAR	1	(IBM name: QW0058_TRSN) THE REASON THAT A LEG OF A MULTIPLE INDEX ACCESS PATH WAS TERMINATED: 'F' = THE LEG WAS MARKED FULL. 'T' = THE LEG HAD FEWER THAN 32 RIDS.
z_PRSN	CHAR	1	(IBM name: QW0058_PRSN) THE REASON THAT A LEG OF A MULTIPLE INDEX ACCESS PATH WAS NOT PROBED: 'A' = ALL LEGS FETCHED ALL RIDS. 'B' = ONE LEG FETCHED ALL RIDS. 'E' = PROBING FAILED. 'F' = A LEG WAS MARKED FULL. 'K' = PROBING CANNOT BE DONE BECAUSE A HIGH OR LOW KEY IS MISSING. 'M' = A MIX OF 'R', 'I', AND 'U' ENTRIES IS NOT REORDERED. 'O' = ACCESS PATH SELECTION INDICATED NOT TO PROBE. 'S' = AN EARLIER LEG OF INDEX INTERSECTION (AND) PROCESSING WAS LIKELY TO HAVE PERFORMED A HIGH DEGREE OF FILTERING. 'V' = A LEG WAS LIKELY TO HAVE PERFORMED A HIGH DEGREE OF FILTERING.
z_ORSN	CHAR	1	(IBM name: QW0058_ORSN) THE REASON THAT A LEG OF A MULTIPLE INDEX ACCESS PATH WAS REORDERED: 'V' = THE LEG WAS LIKELY TO HAVE PERFORMED A HIGH DEGREE OF FILTERING. 'P' = PROBING WAS PERFORMED.
z_FRSN	CHAR	1	(IBM name: QW0058_FRSN) THE REASON THAT A LEG OF A MULTIPLE INDEX ACCESS PATH WAS MARKED FULL: 'L' = THE PREDICATE CONTAINED A NON-FILTERING LIKE CLAUSE. 'R' = THE PREDICATE WAS A RANGE PREDICATE. 'P' = INDEX UNION (OR) PROCESSING WAS DONE, AND THE ESTIMATED NUMBER OF RIDS WAS GREATER THAN 30% OF THE TABLE, OR INDEX INTERSECTION (AND) PROCESSING WAS DONE, AND THE ESTIMATED NUMBER OF RIDS WAS GREATER THAN 50% OF THE TABLE. 'M' = NEITHER INDEX UNION (OR) PROCESSING NOR INDEX INTERSECTION (AND) PROCESSING WAS DONE, AND THE ESTIMATED NUMBER OF RIDS WAS GREATER

			THAN THE RID LIST LOGICAL LIMIT. 'G' = AGGRESSIVE TERMINATION OF A LEG WAS DONE. 'T' = INDEX INTERSECTION (AND) PROCESSING WAS DONE, THE WAS GREATER THAN 35%, AND THE MOST SELECTIVE LEG WAS PROCESSED FIRST. 'I' = INDEX INTERSECTION (AND) PROCESSING WAS DONE. THE LEGS WERE REORDERED. THE ESTIMATED FILTER FACTOR OF THE FIRST LEG, WHICH WAS THE LEG WITH THE LOWEST NUMBER OF RIDS (ADJUSTED FOR THE DATA REPETITION FACTOR), WAS GREATER THAN 25%. THE ESTIMATED FILTER FACTOR OF THE SECOND LEG WAS GREATER THAN 20%.
--	--	--	---

Secondary segment: **SMF102_QW01261**

Field Name	Type	Len	Description
<i>SMF102_QW01261.<fieldname></i>			
zDT	CHAR	4075	(IBM name: QW0058DT) (S) LOG BUFFER CONTROL INTERVAL (CI) DATA.
zCT	CHAR	21	(IBM name: QW0058CT) (S) LOG BUFFER CONTROL INFORMATION.
zNS	HEX	1	(IBM name: QW0058NS) (S) NULL SEGMENT INDICATOR.
zS1	INT	2	(IBM name: QW0058S1) (S) TOTAL LENGTH OF SPANNED RECORD THAT BEGINS IN THIS VSAM CI.
zS2	INT	2	(IBM name: QW0058S2) (S) TOTAL LENGTH OF SPANNED RECORD THAT ENDS IN THIS VSAM CI.
zOF	INT	2	(IBM name: QW0058OF) (S) OFFSET TO LAST SEGMENT OR RECORD IN THIS CI.
zRB	HEX	6	(IBM name: QW0058RB) (S) LOG RBA OF THE START OF THIS VSAM CI:
zR1	INT	2	(IBM name: QW0058R1) (S) FIRST 2 BYTES OF LOG RBA.
zR2	INT	4	(IBM name: QW0058R2) (S) LAST 4 BYTES OF LOG RBA.
zXX	CHAR	1	(IBM name: QW0058XX) (S) MARKER.
zTS	CHAR	7	(IBM name: QW0058TS) (S) RESERVED.
<i>SMF102_QW01261.zF.<fieldname></i>			
zNF	BINT	1	(IBM name: QW0058NF) (S) X'80'.

Secondary segment: **SMF102_QW01262**

Field Name	Type	Len	Description
<i>SMF102_QW01262.<fieldname></i>			
zDN	CHAR	4059	(IBM name: QW0058DN) (S) LOG BUFFER CONTROL INTERVAL (CI) DATA.
zCN	CHAR	37	(IBM name: QW0058CN) (S) LOG BUFFER CONTROL INFORMATION:
zNN	HEX	1	(IBM name: QW0058NN) (S) NULL SEGMENT INDICATOR.

zON	INT	2	(IBM name: QW0058ON) (S) OFFSET TO LAST SEGMENT OR RECORD IN THIS CI.
z1N	HEX	4	(IBM name: QW00581N) (S) TOTAL LENGTH OF SPANNED RECORD THAT BEGINS IN THIS VSAM CI.
z2N	HEX	4	(IBM name: QW00582N) (S) TOTAL LENGTH OF SPANNED RECORD THAT ENDS IN THIS VSAM CI.
zRN	HEX	10	(IBM name: QW0058RN) (S) LOG RBA OF CI START.
zSN	HEX	10	(IBM name: QW0058SN) (S) CI LRSN FOR DATA SHARING, OR STCK FOR NON-DATA SHARING.
zVN	CHAR	4	(IBM name: QW0058VN) (S) RESERVED.
zAN	HEX	1	(IBM name: QW0058AN) (S) FLAGS.
zMN	CHAR	1	(IBM name: QW0058MN) (S) MEMBER ID.
zLN	INT	4	(IBM name: QW0058LN) (S) LENGTH OF VSAM CI.
SMF102_QW01262.zF.<fieldname>			
zNF	BINT	1	(IBM name: QW0058NF) (S) X'80'.

Secondary segment: **SMF102_QW0127**

Field Name	Type	Len	Description
SMF102_QW0127.<fieldname>			
zDB	HEX	2	(IBM name: QW0058DB) DATABASE ID (DBID).
zOB	HEX	2	(IBM name: QW0058OB) PAGE SET OBID.
zPN	HEX	3	(IBM name: QW0058PN) PAGE NUMBER TO READ OR WRITE FOR A TABLE SPACE THAT IS NOT DEFINED AS LARGE.
zF	CHAR	1	(IBM name: QW0058F) FLAG FOR TYPE OF I/O:
zBP	INT	4	(IBM name: QW0058BP) BUFFER POOL INTERNAL ID: '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
zAC	INT	4	(IBM name: QW0058AC) ACE (SEE QWHSACE).
zPG	INT	4	(IBM name: QW0058PG) PAGE NUMBER TO READ OR WRITE. IF THE HIGH-ORDER BIT OF QW0127P IS 1, THIS IS A RELATIVE PAGE NUMBER. IF THE HIGH-ORDER BIT OF QW0127P IS 0, THIS AN ABSOLUTE PAGE NUMBER. THE PARTITION NUMBER IS IN FIELD QW0127PT.
zFG	CHAR	1	(IBM name: QW0058FG) TYPE OF TABLE SPACE:
zP	HEX	1	(IBM name: QW0058P) FLAGS:

zPT	INT	4	(IBM name: QW0058PT) PART NUMBER. 0 FOR A NONPARTITIONED TABLE SPACE.
-----	-----	---	--

Secondary segment: **SMF102_QW0128**

Field Name	Type	Len	Description
SMF102_QW0128.<fieldname>			
zDB	HEX	2	(IBM name: QW0058DB) DATABASE ID (DBID).
zOB	HEX	2	(IBM name: QW0058OB) PAGE SET OBID.
zPN	HEX	3	(IBM name: QW0058PN) PAGE NUMBER IF TABLE SPACE IS NOT DEFINED AS LARGE.
zF	CHAR	1	(IBM name: QW0058F) FLAG FOR TYPE OF I/O:
zAC	INT	4	(IBM name: QW0058AC) ACE TOKEN OF ACTUAL REQUESTER.
zS	CHAR	1	(IBM name: QW0058S) STATUS FLAG:
zP	HEX	1	(IBM name: QW0058P) FLAGS:
zFG	CHAR	1	(IBM name: QW0058FG) TYPE OF TABLE SPACE:
zPG	INT	4	(IBM name: QW0058PG) PAGE NUMBER. IF THE HIGH-ORDER BIT OF QW0128P IS 1, THIS A RELATIVE PAGE NUMBER. IF THE HIGH-ORDER BIT OF QW0128P IS 0, THIS IS AN ABSOLUTE PAGE NUMBER. THE PARTITION NUMBER IS IN FIELD QW0128PT.
zPT	INT	4	(IBM name: QW0058PT) PARTITION NUMBER. 0 IF THE TABLE SPACE IS NONPARTITIONED.

Secondary segment: **SMF102_QW01291**

Field Name	Type	Len	Description
SMF102_QW01291.<fieldname>			
zDT	CHAR	4075	(IBM name: QW0058DT) (S) LOG BUFFER CI DATA.
zCT	CHAR	21	(IBM name: QW0058CT) (S) LOG BUFFER CONTROL INFORMATION:
zNS	HEX	1	(IBM name: QW0058NS) (S) NULL SEGMENT INDICATOR.
zS1	INT	2	(IBM name: QW0058S1) (S) TOTAL LENGTH OF SPANNED RECORD THAT BEGINS IN THIS VSAM CI.
zS2	INT	2	(IBM name: QW0058S2) (S) TOTAL LENGTH OF SPANNED RECORD THAT ENDS IN THIS VSAM CI.
zOF	INT	2	(IBM name: QW0058OF) (S) OFFSET TO LAST SEGMENT OR RECORD IN THIS CI.
zRB	HEX	6	(IBM name: QW0058RB) (S) LOG RBA OF THE START OF THIS VSAM CI.
zR1	INT	2	

			(IBM name: QW0058R1) (S) FIRST 2 BYTES OF LOG RBA.
zR2	INT	4	(IBM name: QW0058R2) (S) LAST 4 BYTES OF LOG RBA.
zTO	CHAR	8	(IBM name: QW0058TO) (S) FOR DB2 VERSION 3 AND BELOW, FIXED CI INFORMATION. (S) THIS INFORMATION CONSISTS OF THE FOLLOWING TWO FIELDS:
zXX	CHAR	1	(IBM name: QW0058XX) (S) FILL BYTE.
zTS	CHAR	7	(IBM name: QW0058TS) (S) THE SEVEN HIGH-ORDER BYTES OF THE STCK.
zFX	CHAR	8	(IBM name: QW0058FX) (S) FOR DB2 VERSION 4 AND ABOVE, FIXED CI INFORMATION. (S) THIS INFORMATION OVERLAYS QW0129TO. IT CONSISTS (S) OF THE FOLLOWING TWO FIELDS:
zTM	CHAR	6	(IBM name: QW0058TM) (S) FOR NON DATA-SHARING, THE SIX HIGH ORDER BYTES (S) OF THE STCK. FOR DATA SHARING, THE LRSN OF THE (S) LAST LOG RECORD IN THE CI. THE FIRST SEGMENT OF (S) THE LAST LOG RECORD MIGHT NOT BE IN THIS CI FOR A (S) SPANNED LOG RECORD.
zFL	CHAR	2	(IBM name: QW0058FL) (S) FILL BYTES.

SMF102_QW01291.zF.<fieldname>

zNF	BINT	1	(IBM name: QW0058NF) (S) X'80'.
-----	------	---	------------------------------------

Secondary segment: SMF102_QW01292

Field Name	Type	Len	Description
SMF102_QW01292.<fieldname>			
zDN	CHAR	4059	(IBM name: QW0058DN) (S) LOG BUFFER CI DATA.
zCN	CHAR	37	(IBM name: QW0058CN) (S) LOG BUFFER CONTROL INFORMATION:
zNN	HEX	1	(IBM name: QW0058NN) (S) NULL SEGMENT INDICATOR.
zON	INT	2	(IBM name: QW0058ON) (S) OFFSET TO LAST SEGMENT OR RECORD IN THIS CI.
z1N	HEX	4	(IBM name: QW00581N) (S) TOTAL LENGTH OF SPANNED RECORD THAT BEGINS IN THIS VSAM CI.
z2N	HEX	4	(IBM name: QW00582N) (S) TOTAL LENGTH OF SPANNED RECORD THAT ENDS IN THIS VSAM CI.
zRN	HEX	10	(IBM name: QW0058RN) (S) LOG RBA OF CI START.
zSN	HEX	10	(IBM name: QW0058SN) (S) CI LRSN FOR DATA SHARING, OR STCK FOR NON-DATA SHARING.
zVN	CHAR	4	(IBM name: QW0058VN) (S) RESERVED.
zAN	HEX	1	(IBM name: QW0058AN) (S) FLAGS.
zMN	CHAR	1	

			(IBM name: QW0058MN) (S) MEMBER ID.
zLN	INT	4	(IBM name: QW0058LN) (S) LENGTH OF VSAM CI.
SMF102_QW01292.zF.<fieldname>			
zNF	BINT	1	(IBM name: QW0058NF) (S) X'80'.

Secondary segment: **SMF102_QW0140**

Field Name	Type	Len	Description
SMF102_QW0140.<fieldname>			
QW0140PR	INT	2	(IBM name: Pfx=) PRIVILEGE BEING CHECKED:
QW0140OB	CHAR	1	OBJECT TYPE:
QW0140SC	CHAR	8	%U SOURCE OBJECT OWNER (8 BYTES). THERE ARE THE FOLLOWING %U CASES: %U 1) IF THE OBJECT TYPE IS NOT EQUAL TO %U USER AUTH (QW0140OB ^= 'U'), THEN THE SOURCE OBJECT %U OWNER IS THE QUALIFIER OF THE OBJECT AGAINST WHICH %U THE AUTHORIZATION WAS CHECKED. %U THIS IS VALID ONLY FOR QUALIFIABLE OBJECTS. %U 2) IF THE OBJECT TYPE EQUALS USER AUTH (QW0140OB = 'U'), %U THEN THE SOURCE OBJECT OWNER IS THE QUALIFIER OF %U THE ALIAS BEING CREATED. THIS IS VALID ONLY %U WHEN QW0140PR IS CREATEALIAS (15). %U 3) IF THE OBJECT TYPE EQUALS USER AUTH (QW0140OB = 'U'), %U AND THE STATEMENT IS THE TRANSFER OWNERSHIP %U STATEMENT, THE SOURCE OBJECT OWNER IS THE QUALIFIER %U OF THE OBJECT THAT IS BEING TRANSFERRED. %U IF QW0140SC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0140SN	CHAR	18	%U SOURCE OBJECT NAME (18 BYTES): THERE ARE THE FOLLOWING %U CASES: %U 1) IF THE OBJECT TYPE IS NOT EQUAL TO USER AUTH %U (QW0140OB ^= 'U'), THEN THE SOURCE OBJECT NAME IS THE %U NAME OF THE OBJECT AGAINST WHICH AUTHORIZATION WAS %U CHECKED. %U 2) IF THE OBJECT TYPE EQUALS USER AUTH (QW0140OB = 'U'), %U THEN THE SOURCE OBJECT NAME IS THE NAME OF THE %U OBJECT BEING CREATED. THIS IS VALID ONLY WHEN %U QW0140PR IS CREATEALIAS (15), CREATEDBA (66), %U CREATEDBC (92), OR CREATESG (67). %U 3) IF THE OBJECT TYPE EQUALS USER AUTH (QW0140OB = 'U'), %U AND THE STATEMENT IS THE TRANSFER OWNERSHIP %U STATEMENT, THE SOURCE OBJECT NAME IS THE NAME %U OF THE OBJECT THAT IS BEING TRANSFERRED. %U IF QW0140SN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0140TC	CHAR	8	%U TARGET OBJECT OWNER (8 BYTES): %U THE TARGET OBJECT OWNER IS THE QUALIFIER OF THE OBJECT %U BEING DEFINED. THIS FIELD IS VALID WHEN QW0140PR IS %U CREATE INDEX (56) OR CREATE TABLE (94). IT IS %U ALSO VALID FOR A CREATE VIEW AUTHORIZATION CHECK %U AGAINST THE SET OF PRIVILEGES WHERE QW0140PR IS CREATE %U VIEW (108), SELECT (50), INSERT (51), DELETE (52), %U AND UPDATE (53). %U IF QW0140TC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0140TN	CHAR	18	%U TARGET OBJECT NAME (18 BYTES): %U NAME OF THE OBJECT BEING DEFINED. THIS FIELD IS VALID %U ONLY WHEN THE QW0140TC FIELD IS VALID. %U IF QW0140TN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0140UR	CHAR	8	%U AUTHORIZATION ID BEING CHECKED (8 BYTES): %U IF QW0140UR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0140AT	CHAR	1	AUTHORIZATION ID TYPE: ' ' = USER ID OR SECONDARY AUTHORIZATION ID 'L' = ROLE
QW0140RC	INT	2	RETURN CODE FROM ACCESS CONTROL AUTHORIZATION EXIT ROUTINE: -1: EXIT WAS NOT CALLED. 4: DB2 AUTHORIZATION CHECK MUST BE PERFORMED. 8: USER IS NOT AUTHORIZED.

			ACCESS IS DENIED. 12: THE AUTHORIZATION EXIT CANNOT SERVICE THE REQUEST. DO NOT CALL THE EXIT AGAIN.
QW0140RS	INT	4	USER-DEFINED REASON CODE FROM THE ACCESS CONTROL AUTHORIZATION EXIT ROUTINE.
QW0140HO	HEX	8	HOST OPTIONS FOR SQL STATEMENTS (THIS FIELD CONTAINS ZEROS FOR NON-SQL STATEMENTS). THIS FIELD IS 8 BYTES USED AS BITS 1-64. BIT SETTINGS ARE READ FROM LEFT TO RIGHT (THAT IS, 123456789.....64). BIT 1: 0 = APOST, 1 = QUOTE BIT 2: 0 = PERIOD, 1 = COMMA BIT 3: 0 = APOSTSQL, 1 = QUOTESQL BIT 4: 0 = NO, 1 = MIXED BIT 5: 0 = NO HOST LANGUAGE OPTION, 1 = USE HOST LANGUAGE OPTION BITS 6-8: HOST LANGUAGE OR DYNAMIC: ASSEMBLER 001 COBOL 010 PL/I 011 NONE (DYNAMIC) 100 FORTRAN 101 COBOL2 110 NULL 111 (SEE BITS 17-24 FOR LANGUAGE.) BIT 9-16: CHARACTER SET BEING USED: ALPHANUMERIC 00000000 KATAKANA 00000001 BIT 17-24: ALTERNATE HOST LANGUAGE FIELD: ASSEMBLER 'B' COBOL 'C' PL/I 'P' FORTRAN 'F' COBOL2 '2' IBM COBOL '3' C++ '4' C 'D' BITS 25-28 TIME OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BITS 29-32 DATE OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BIT 33 DECIMAL 1 = YES, 0 = NO BITS 34-40 UNUSED BITS 41-48 REMOTE OPTION: SQL(ALL) 00000001 SQL(DB2) 00000010 BITS 49-56 SQLFLAG OPTION: SQLFLAG(SAA) 00000001 NO SQLFLAG OPTION 00000000 BITS 57-64 (RESERVED)
QW0140SC_Off	INT	2	IF QW0140SC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0140 TO QW0140SC_LEN.
QW0140SN_Off	INT	2	IF QW0140SN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0140 TO QW0140SN_LEN.
QW0140TC_Off	INT	2	IF QW0140TC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0140 TO QW0140TC_LEN.
QW0140TN_Off	INT	2	IF QW0140TN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0140 TO QW0140TN_LEN.
QW0140UR_Off	INT	2	IF QW0140UR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0140 TO QW0140UR_LEN.
QW0140ID	CHAR	5	RID OF THE ROW THAT IS BEING UPDATED OR DELETED, IF THE TABLE HAS MULTILEVEL SECURITY.
QW0140RL	CHAR	8	SECURITY LABEL OF THE ROW, FOR A TABLE WITH MULTILEVEL SECURITY.
QW0140UT	CHAR	80	ACEE UTOKEN, IF IT IS AVAILABLE. IF IT IS NOT AVAILABLE, THE FIRST WORD OF THIS FIELD CONTAINS ONE OF THE FOLLOWING VALUES: 0 THE UTOKEN CANNOT BE ACCESSED. -1 AN ABEND OCCURRED DURING THE ATTEMPT TO ACCESS THE ACEE.
QW0140TX	CHAR	1	SQL TEXT LENGTH AND SQL TEXT:
QW0140LL	INT	4	LENGTH OF FAILING SQL STATEMENT + 4. THIS FIELD EQUALS ZERO WHEN NO SQL STATEMENT EXISTS.
QW0140LE	INT	2	LENGTH OF A TRUNCATED SQL STATEMENT IN THIS RECORD.
QW0140SQ	CHAR	1	%U TEXT OF FAILING SQL STATEMENT, IF APPLICABLE. %U ONLY THE FIRST 4000 BYTES OF THE SQL STATEMENT %U ARE SHOWN. THIS IS A SKELETON STATEMENT FOR %U 'SET CURRENT SQLID'.

Secondary segment: **SMF102_QW0141**

Field Name	Type	Len	Description
SMF102_QW0141.<fieldname>			
QW0141OR	CHAR	8	%U ID OF GRANTOR OR REVOKER. THIS FIELD IS BLANK WHEN THE %U BY CLAUSE IS USED IN THE REVOKE STATEMENT. SEE GRANT %U AND REVOKE STATEMENTS IN SQL REFERENCE FOR MORE %U INFORMATION. %U IF QW0141OR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0141AC	CHAR	1	ACCESS TYPE: 'G' = GRANT 'R' = REVOKE.

QW0141OB	CHAR	1	OBJECT TYPE: 'B' = BUFFER POOL 'C' = COLLECTION 'D' = DATABASE 'K' = PACKAGE 'P' = APPLICATION PLAN 'R' = TABLE SPACE 'S' = STORAGE GROUP 'T' = TABLE OR VIEW 'U' = USER AUTH (SYSTEM PRIVILEGES LIKE SYSADM OR OR SYSOPR)
QW0141OT	CHAR	1	AUTHORIZATION ID TYPE: '' = USER ID OR SECONDARY AUTHORIZATION ID 'L' = ROLE
QW0141CO	INT	4	SQL ERROR CODE (FULLWORD).
QW0141RE	CHAR	1	REASON ACCESS WAS GRANTED (ONLY WHEN QW0141AC='GRANT'): A BLANK VALUE INDICATES THAT THE GRANT WAS NOT SUCCESSFUL (NONZERO SQLCODE) OR AN ADMINISTRATIVE AUTHORITY WAS NOT NEEDED.
QW0141HO	HEX	8	HOST OPTIONS FOR SQL STATEMENTS (THIS FIELD CONTAINS ZEROS FOR NON-SQL STATEMENTS). THIS FIELD IS 8 BYTES USED AS BITS 1-64. READ THE BIT SETTINGS FROM LEFT TO RIGHT. THAT IS, 123456789.....64. BIT 1: 0 = APOST, 1 = QUOTE BIT 2: 0 = PERIOD, 1 = COMMA BIT 3: 0 = APOSTSQL, 1 = QUOTESQL BIT 4: 0 = NO, 1 = MIXED BIT 5: 0 = NO HOST LANGUAGE OPTION 1 = USE HOST LANGUAGE OPTION BITS 6-8: HOST LANGUAGE OR DYNAMIC: ASSEMBLER 001 COBOL 010 PL/1 011 NONE (DYNAMIC) 100 FORTRAN 101 COBOL2 110 NULL 111 (SEE BITS 17-24 FOR LANGUAGE.) BIT 9-16: CHARACTER SET BEING USED: ALPHANUMERIC 00000000 KATAKANA 00000001 BIT 17-24: ALTERNATE HOST LANGUAGE FIELD: ASSEMBLER 'B' COBOL 'C' PL/1 'P' FORTRAN 'F' COBOL2 '2' IBM COBOL '3' C++ '4' C 'D' BITS 25-28 TIME OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BITS 29-32 DATE OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BIT 33 DECIMAL 1 = YES, 0 = NO BITS 34-40 UNUSED BITS 41-48 REMOTE OPTION: SQL(ALL) 00000001 SQL(DB2) 00000010 BITS 49-56 SQLFLAG OPTION: SQLFLAG(SAA) 00000001 NO SQLFLAG OPTION 00000000 BITS 57-64 (RESERVED)
QW0141OR_Off	INT	2	IF QW00141OR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0141 TO QW0141OR_LEN.
QW0141LL	INT	4	LENGTH OF THE FAILING SQL STATEMENT + 4. THE VALUE OF THIS FIELD IS ZERO WHEN NO SQL STATEMENT EXISTS.
QW0141LE	INT	2	LENGTH OF A TRUNCATED SQL STATEMENT IN THIS RECORD.
QW0141TX	CHAR	1	%U SQL TEXT LENGTH AND SQL TEXT. %U ONLY THE FIRST 4000 BYTES ARE SHOWN.

Secondary segment: **SMF102_QW0142**

Field Name	Type	Len	Description
<i>SMF102_QW0142.<fieldname></i>			
QW0142DB	INT	2	DATABASE ID.
QW0142OB	INT	2	RECORD OBID, IN HEXADECIMAL.
QW0142OW	CHAR	8	%U TABLE OWNER, SAME AS TABLE QUALIFIER. %U IF QW0142OW_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0142CR	CHAR	8	%U TABLE CREATOR. %U IF QW0142CR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0142AC	CHAR	1	STATEMENT TYPE: 'C' = CREATE 'D' = DROP 'A' = ALTER
QW0142TN	CHAR	18	%U TABLE NAME. %U IF QW0142TN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0142HO	HEX	8	HOST OPTIONS FOR SQL STATEMENTS (THIS FIELD CONTAINS ZEROS FOR NON-SQL STATEMENTS). THIS FIELD IS 8 BYTES USED AS BITS 1-64. READ THE BIT SETTINGS FROM LEFT TO RIGHT. THAT IS, 123456789.....64. BIT 1: 0 = APOST, 1 = QUOTE BIT 2: 0 = PERIOD, 1 = COMMA BIT 3: 0 = APOSTSQL, 1 = QUOTESQL BIT 4: 0 = NO, 1 = MIXED BIT 5: 0 = NO HOST LANGUAGE OPTION, 1 = USE HOST LANGUAGE OPTION BITS 6-8: HOST LANGUAGE OR DYNAMIC: ASSEMBLER 001 COBOL 010 PL/1 011 NONE (DYNAMIC) 100 FORTRAN 101 COBOL2 110 NULL 111 (SEE BITS 17-24 FOR

			LANGUAGE.) BIT 9-16: CHARACTER SET BEING USED: ALPHANUMERIC 00000000 KATAKANA 00000001 BIT 17-24: ALTERNATE HOST LANGUAGE FIELD: ASSEMBLER 'B' COBOL 'C' PL/1 'P' FORTRAN 'F' COBOL2 '2' IBM COBOL '3' C++ '4' C 'D' BITS 25-28 TIME OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BITS 29-32 DATE OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BIT 33 DECIMAL 1 = YES, 0 = NO BITS 34-40 UNUSED BITS 41-48 REMOTE OPTION: SQL(ALL) 00000001 SQL(DB2) 00000010 BITS 49-56 SQLFLAG OPTION: SQLFLAG(SAA) 00000001 NO SQLFLAG OPTION 00000000 BITS 57-64 (RESERVED)
QW0142OR	CHAR	1	TABLE OWNER TYPE: '' = USER ID OR SECONDARY AUTHORIZATION ID 'L' = ROLE
QW0142OW_Off	INT	2	IF QW00142OW IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0142 TO QW0142OW_LEN.
QW0142CR_Off	INT	2	IF QW00142CR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0142 TO QW0142CR_LEN.
QW0142TN_Off	INT	2	IF QW00142TN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0142 TO QW0142TN_LEN.
QW0142SL	CHAR	8	%U SECURITY LABEL THAT IS USED WHEN THE TABLE IS DEFINED.
QW0142ML	CHAR	1	WHEN MULTILEVEL SECURITY IS USED: Y = ON CREATE OR DROP OF A TABLE THAT HAS MULTILEVEL SECURITY, OR ON ALTER OF A TABLE TO ADD A SECURITY LABEL COLUMN. N = ON ALTER OF A TABLE THAT HAS MULTILEVEL SECURITY. BLANK = THE TABLE DOES NOT HAVE MULTILEVEL SECURITY.
QW0142RC	CHAR	1	TYPE OF ROW AND COLUMN ACCESS CONTROL THAT IS ACTIVE: 'R' = ROW ACCESS CONTROL 'C' = COLUMN ACCESS CONTROL 'B' = ROW AND COLUMN ACCESS CONTROL '' = NO ACCESS CONTROL
QW0142LL	INT	4	LENGTH OF THE SQL STATEMENT + 4.
QW0142LE	INT	2	LENGTH OF A TRUNCATED SQL STATEMENT IN THIS RECORD.
QW0142TX	CHAR	1	%U SQL TEXT LENGTH AND SQL TEXT. ONLY THE FIRST 4000 BYTES ARE SHOWN. THIS FIELD IS BLANK IF AN INTERNAL DB2 CALL GENERATED THE TRACE RECORD.

Secondary segment: **SMF102_QW0143**

Field Name	Type	Len	Description
<i>SMF102_QW0143.<fieldname></i>			
QW0143DB	INT	2	DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, '0006' IS DSNDB06.
QW0143PS	INT	2	PAGE SET ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE TABLE SPACE NAME. FOR EXAMPLE, '0009' IS SYSDBASE.
QW0143OB	INT	2	TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE TABLE NAME. FOR EXAMPLE, '0019' IS SYSTABLES.
QW0143SI	CHAR	8	STATEMENT ID, OR ZEROES.
QW0143UR	CHAR	10	UNIT OF RECOVERY ID (LOG RBA OR ZEROES).

Secondary segment: **SMF102_QW0144**

Field Name	Type	Len	Description
<i>SMF102_QW0144.<fieldname></i>			
QW0144DB	INT	2	

			DATABASE ID. USE THIS VALUE TO MATCH COLUMN 'DBID' IN SYSIBM.SYSDATABASE TO FIND THE DATABASE NAME. FOR EXAMPLE, '0006' IS DSNDB06.
QW0144PS	INT	2	PAGE SET ID. USE THIS VALUE TO MATCH COLUMN 'PSID' IN SYSIBM.SYSTABLESPACE TO FIND THE TABLE SPACE NAME. FOR EXAMPLE, '0009' IS SYSDBASE.
QW0144OB	INT	2	TABLE ID. USE THIS VALUE TO MATCH COLUMN 'OBID' IN SYSIBM.SYSTABLES TO FIND THE TABLE NAME. FOR EXAMPLE, '0019' IS SYSTABLES.
QW0144SI	CHAR	8	STATEMENT ID, OR ZEROES.
QW0144UR	CHAR	10	UNIT OF RECOVERY ID (LOG RBA OR ZEROS IF NO UNIT OF RECOVERY WAS CREATED YET).

Secondary segment: **SMF102_QW0145**

Field Name	Type	Len	Description
<i>SMF102_QW0145.<fieldname></i>			
QW0145LN	CHAR	16	%U LOCATION NAME. %U IF QW0145LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0145PC	CHAR	18	%U PACKAGE COLLECTION-ID. THIS FIELD IS BLANK IF THE %U PROGRAM IS NOT BOUND AS A PACKAGE AND DOES NOT BELONG %U TO ANY PACKAGE COLLECTION. %U IF QW0145PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0145PN	CHAR	18	%U PROGRAM NAME. %U IF QW0145PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0145TS	TSTMP	8	TIMESTAMP.
QW0145ST	INT	2	SQL STATEMENT TYPE: 3 = OPEN 4 = FETCH 5 = CLOSE 14 = PREPARE 15 = EXECUTE 16 = EXECUTE IMMEDIATE 17 = DESCRIBE 18 = EXPLAIN 229 = TRUNCATE 231 = SELECT (QUERY) 232 = INSERT 233 = DELETE 234 = UPDATE 239 = SELECT (QUERY OR SUBSELECT) 278 = LOCK 308 = CREATE VIEW 746 = SET HOST VARIABLE 835 = SET ASSIGNMENT 837 = VALUES CLAUSE 867 = REFRESH 893 = MERGE
QW0145IS	CHAR	1	STATEMENT ISOLATION LEVEL: C'R' = REPEATABLE READ (RR). C'S' = CURSOR STABILITY (CS). C'U' = UNCOMMITTED READ (UR). C'T' = READ STABILITY (RS). C'X' = REPEATABLE READ WITH X-LOCK. C'L' = READ STABILITY WITH X-LOCK.
QW0145HO	HEX	8	HOST OPTIONS FOR SQL STATEMENTS (THIS FIELD CONTAINS ZEROS FOR NON-SQL STATEMENTS). THIS FIELD IS 8 BYTES USED AS 64 BITS. READ THE BIT SETTINGS FROM LEFT TO RIGHT. THAT IS, 123456789.....64. BIT 1: 0 = APOST, 1 = QUOTE BIT 2: 0 = PERIOD, 1 = COMMA BIT 3: 0 = APOSTSQL, 1 = QUOTESQL BIT 4: 0 = NO, 1 = MIXED BIT 5: 0 = NO HOST LANGUAGE OPTION, 1 = USE HOST LANGUAGE OPTION BITS 6-8: HOST LANGUAGE OR DYNAMIC: ASSEMBLER 001 COBOL 010 PL/1 011 NONE (DYNAMIC) 100 FORTRAN 101 COBOL2 110 NULL 111 (SEE BITS 17-24 FOR LANGUAGE.) BIT 9-16: CHARACTER SET BEING USED: ALPHANUMERIC 00000000 KATAKANA 00000001 BIT 17-24: ALTERNATE HOST LANGUAGE FIELD: ASSEMBLER 'B' COBOL 'C' PL/1 'P' FORTRAN 'F' COBOL2 '2' IBM COBOL '3' C++ '4' C 'D' BITS 25-28 TIME OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BITS 29-32 DATE OPTION: NONE 0000 LOCAL 1000 JIS 0100 ISO/EUR 0010 USA 0001 BIT 33 DECIMAL 1 = YES, 0 = NO BITS 34-40 UNUSED BITS 41-48 REMOTE OPTION: SQL(ALL) 00000001 SQL(DB2) 00000010 BITS 49-56 SQLFLAG OPTION: SQLFLAG(SAA) 00000001 NO SQLFLAG OPTION 00000000 BITS 57-64 (RESERVED)
QW0145SC	INT	4	SQLCODE FOR THE SQL STATEMENT.
QW0145SN	INT	4	PRECOMPILER STATEMENT LINE COUNTER. THE PRECOMPILER NUMBERS EACH LINE OF THE APPLICATION SOURCE. WHEN THE PRECOMPILER ISSUES ERROR MESSAGES, IT LISTS THIS LINE COUNT IN THE ERROR MESSAGE. ALSO, EACH SQL STATEMENT HAS A STATEMENT NUMBER, WHICH IS THE PRECOMPILER LINE

			COUNT VALUE ASSOCIATED WITH THAT SQL STATEMENT IN THE PRECOMPILER OUTPUT LISTING.
QW0145SI	CHAR	8	UNIQUE STATEMENT IDENTIFIER.
QW0145OB_NUM	INT	2	THE NUMBER OF UNIQUE DBIDS AND OBIDS THAT WERE PROCESSED BY THE SQL STATEMENT. IF THIS NUMBER IS GREATER THAN 0, THERE IS A TABLE DBIDS AND OBIDS SECTION.
QW0145AC_NUM	INT	2	THE NUMBER OF MASKS AND PERMISSIONS THAT WERE USED TO MASK AND FILTER DATA THAT WAS PROCESSED BY THE SQL STATEMENT.
QW0145LN_OFF	INT	2	IF QW00145LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0145 TO QW0145LN_LEN.
QW0145PC_OFF	INT	2	IF QW00145PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0145 TO QW0145PC_LEN.
QW0145PN_OFF	INT	2	IF QW00145PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0145 TO QW0145PN_LEN.
QW0145LL	INT	4	TOTAL LENGTH OF THE SQL STATEMENT IN THE FOLLOWING RECORDS.
QW0145LE	INT	2	LENGTH OF THE SQL STATEMENT TEXT.

Secondary segment: **SMF102_QW01452**

Field Name	Type	Len	Description
<i>SMF102_QW01452.<fieldname></i>			
QW0145DB	HEX	2	AUDIT LOG TABLE DBID IN HEXADECIMAL.
QW0145OB	HEX	2	AUDIT LOG TABLE OBID IN HEXADECIMAL.

Secondary segment: **SMF102_QW01453**

Field Name	Type	Len	Description
<i>SMF102_QW01453.<fieldname></i>			
QW0145AS_OFF	INT	2	OFFSET FROM THE BEGINNING OF QW01453 TO QW0145AS_LEN.
QW0145AO_OFF	INT	2	OFFSET FROM THE BEGINNING OF QW01453 TO QW0145AO_LEN.

Secondary segment: **SMF102_QW01454**

Field Name	Type	Len	Description
<i>SMF102_QW01454.<fieldname></i>			
QW0145RT_OFF	INT	2	OFFSET FROM THE BEGINNING OF QW01454 TO QW0145RT_LEN.

Secondary segment: **SMF102_QW0148**

Field Name	Type	Len	Description
<i>SMF102_QW0148.<fieldname></i>			

QW0148TY	CHAR	8	CONNECTION TYPE.
QW0148AC	INT	4	ACE (SEE QWHSACE) OF THE THREAD BEING REPORTED UPON. THE VALUE IN QWHSACE IS THE ACE OF THE IFI APPLICATION THAT REQUESTED THIS TRACE RECORD.
QW0148RQ	INT	2	APPLICATION REQUEST COUNT. THIS IS THE NUMBER OF ATTACHMENT FACILITY CALLS TO DB2.
QW0148AS	INT	2	ASID OF AGENT.
QW0148AI	CHAR	1	WHERE THE AGENT IS PROCESSING: A = IN APPLICATION. D = IN DB2. U = RRSF AGENT HAS NO TCB.
QW0148FL	HEX	1	STATUS INDICATORS:
QW0148F2	HEX	1	AGENT STATUS FLAGS:
QW0148F3	HEX	1	(S) STATUS FLAG:
QW0148MA	INT	4	ASCB TOKEN.
QW0148MT	INT	4	TCB TOKEN.
QW0148CP	CHAR	60	CURRENT PACKAGE NAME. CURRENT PACKAGE NAME IS DEFINED AS THE LOCATION NAME, COLLECTION NAME, PACKAGE NAME, AND CONSISTENCY TOKEN. THIS FIELD IS BLANK UNTIL AN SQL STATEMENT IS EXECUTED FOR THE PACKAGE. ONCE ESTABLISHED, THE CURRENT PACKAGE NAME FOR A THREAD DOES NOT CHANGE UNTIL AN SQL STATEMENT ALTERS PART OR ALL OF THE CURRENT PACKAGE NAME.
QW0148LN	CHAR	16	%U LOCATION NAME. THE LOCATION NAME CONTAINS THE NAME OF %U THE LOCAL LOCATION OR REMOTE LOCATION, DEPENDING ON %U WHERE THE THREAD EXECUTES A PACKAGE. %U THE FOLLOWING STATEMENTS EXECUTE LOCALLY, REGARDLESS %U OF THE CURRENT PACKAGE NAME: %U COMMIT %U ROLLBACK %U SET <HOST VARIABLE> = CURRENT PACKAGE SET %U SET <HOST VARIABLE> = CURRENT SERVER. %U FOR THESE STATEMENTS, THIS FIELD CONTAINS THE LOCATION %U WHERE THE PACKAGE EXECUTES, NOT THE LOCATION WHERE THE %U STATEMENT EXECUTES. %U IF QW0148LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0148PK	CHAR	44	PACKAGE NAME.
QW0148CI	CHAR	18	%U COLLECTION NAME. %U IF QW0148CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0148PN	CHAR	18	%U PACKAGE ID. %U IF QW0148PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0148CN	CHAR	8	CONSISTENCY TOKEN. THIS IS A 64-BIT UNSIGNED PRIMARY INTEGER.
QW0148LU	CHAR	24	LOGICAL UNIT OF WORK ID (LUWID) AS DEFINED FOR THE LU 6.2 INTERFACE. THE LUWID UNIQUELY IDENTIFIES THE THREAD WITHIN THE NETWORK, AND CONSISTS OF THE FOLLOWING: A FULLY QUALIFIED NETWORK NAME (QW0148LM), AN LUW INSTANCE NUMBER (QW0148UV) AND AN LUW SEQUENCE NUMBER (SEE FIELDS BELOW). IN LENGTH, CONSISTING OF TWO 8-CHARACTER FIELDS, QW0148NI AND QW0148LM, THAT TOGETHER UNIQUELY IDENTIFY A CLIENT SYSTEM.
QW0148NI	CHAR	8	FIRST PART OF NETWORK NAME (SEE QW0148LU).
QW0148LM	CHAR	8	SECOND PART OF NETWORK NAME (SEE QW0148LU).
QW0148UV	HEX	6	INSTANCE NUMBER. THE INSTANCE NUMBER, DISPLAYED AS 12 HEX CHARACTERS, CONCATENATED WITH THE FULLY QUALIFIED NETWORK NAME UNIQUELY IDENTIFIES A DISTRIBUTED THREAD. THIS FIELD MIGHT APPEAR TO BE A TIMESTAMP. HOWEVER, IT IS NOT TO BE PROCESSED AS ONE. FOR MORE INFORMATION, SEE THE -DISPLAY THREAD COMMAND IN COMMAND REFERENCE.
QW0148CC	INT	2	LUW SEQUENCE NUMBER. THE LUW SEQUENCE NUMBER IS USED TO UNIQUELY IDENTIFY THE LAST COMMIT SCOPE THAT THE LOGICAL UNIT PARTICIPATED IN.
QW0148W	INT	4	
QW0148AB	TSTMP	8	

			SQL BEGIN STORE CLOCK VALUE ON THE MAIN APPLICATION EXECUTION UNIT.
QW0148AE	TSTMP	8	SQL END STORE CLOCK VALUE ON THE MAIN APPLICATION EXECUTION UNIT.
QW0148UB	TIME	8	SQL BEGIN CPU TIME ON THE MAIN APPLICATION EXECUTION UNIT. THIS VALUE DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. THIS FIELD IS SET TO ZERO AT END API TIME.
QW0148UE	TIME	8	SQL END CPU TIME ON THE MAIN APPLICATION EXECUTION UNIT. THIS VALUE DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QW0148CLS2_EndNTcp	TIME	8	END CPU TIME FOR THE MOST RECENT SQL ENTRY FOR THE CURRENT NESTED ACTIVITY. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. THIS FIELD CONTAINS VALID DATA ONLY IF QW0148AFG>'00'X.
QW0148CLS2_EndNTela	TSTMP	8	END STORE CLOCK VALUE FOR THE MOST RECENT SQL ENTRY FOR THE CURRENT NESTED ACTIVITY. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. THIS FIELD CONTAINS VALID DATA ONLY IF QW0148AFG>'00'X.
QW0148LB	TIME	8	LOCK I/O LATCH BEGIN ELAPSED TIME. THIS FIELD IS SET TO ZERO AT THE END OF LOCK I/O LATCH.
QW0148LE	TIME	8	LOCK I/O LATCH END ELAPSED TIME.
QW0148IL	INT	2	THE MOST RECENT IFCID THAT WAS PROCESSED.
QW0148IP	INT	2	THE PREVIOUS IFCID THAT WAS PROCESSED.
QW0148R	CHAR	36	THE LOCK NAME SAVED AT THE SUSPEND (THE ATTEMPTED LOCK). THIS FIELD IS RESET TO ZERO AT BEGIN API TIME.
QW0148LH	HEX	4	LOCK HASH.
QW0148DB	HEX	2	DBID FOR I/O.
QW0148OB	HEX	2	OBID FOR I/O.
QW0148LC	HEX	1	LATCH CLASS.
QW0148LK	CHAR	32	LOCK NAME.
QW0148LA	HEX	8	LATCH TOKEN.
QW0148EO	TIME	8	CPU TIME FROM END-OF-TASK PROCESSING FOR ALLIED TASKS.
QW0148LW	TIME	8	CPU TIME AT ENTRY TO THE MOST RECENT WAIT. THIS VALUE DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QW0148EB	TIME	8	THE WAIT FOR A SERVICE TASK BEGINNING ELAPSED TIME. THIS FIELD CONTAINS BINARY ZERO AT THE END OF A WAIT FOR A DB2 SERVICE TASK.
QW0148EE	TIME	8	THE WAIT FOR A SERVICE TASK END ELAPSED TIME.
QW0148RB	TIME	8	THE WAIT FOR ARCHIVE LOG MODE(QUIESCE) COMMAND BEGIN ELAPSED TIME. THE VALUE OF QW0148RE - QW0148RB IS THE TOTAL TIME THE AGENT IS SUSPENDED FOR ARCHIVE LOG MODE(QUIESCE) PROCESSING. FIELD QWACALCT IN IFCID 0003 PROVIDES AN INDICATION THAT THE ARCHIVE LOG MODE(QUIESCE) COMMAND CAUSED THE AGENT TO RUN LONGER. (THIS COUNTER IS DEPENDENT ON ACCOUNTING CLASS 1 BEING ACTIVE.) QUACALCT IS THE NUMBER OF TIMES THE AGENT IS SUSPENDED BECAUSE OF THE ARCHIVE LOG MODE(QUIESCE) COMMAND. QWACALOG CONTAINS THE LENGTH OF TIME IT WAS SUSPENDED.
QW0148RE	TIME	8	THE WAIT FOR ARCHIVE LOG MODE(QUIESCE) COMMAND END ELAPSED TIME.
QW0148W1	INT	4	
QW148IAB	TIME	8	BEGIN ELAPSED TIME PROCESSING OF AN IFI REQUEST. THIS FIELD IS VALID ONLY IF ACCOUNTING OR MONITOR CLASS 5 IS ACTIVE AND THE AGENT ISSUED IFI REQUESTS.

QW148IAE	TIME	8	END ELAPSED TIME PROCESSING OF AN IFI REQUEST. THIS FIELD IS VALID ONLY IF ACCOUNTING OR MONITOR CLASS 5 IS ACTIVE AND THE AGENT ISSUED IFI REQUESTS.
QW148IUB	TIME	8	BEGIN CPU TIME PROCESSING OF AN IFI REQUEST. THIS FIELD IS VALID ONLY IF ACCOUNTING OR MONITOR CLASS 5 IS ACTIVE AND THE AGENT ISSUED IFI REQUESTS.
QW148IUE	TIME	8	END CPU TIME PROCESSING OF AN IFI REQUEST. THIS FIELD IS VALID ONLY IF ACCOUNTING OR MONITOR CLASS 5 IS ACTIVE AND THE AGENT ISSUED IFI REQUESTS. IF AN ENCLAVE TOKEN IS PRESENT, USE WLM MACRO IWMRQRY TO GET THE CURRENT CPU TIME, WHICH YOU CAN THEN USE TO CALCULATE THE CURRENT CPU TOTAL.
QW0148W2	INT	4	
QW148TTK	INT	4	THREAD TOKEN THAT UNIQUELY IDENTIFIES A SPECIFIC THREAD AND ALSO APPEARS IN THE DISPLAY THREAD COMMAND RESPONSE. FOR ALLIED THREADS, THE TOKEN IS ACQUIRED AT SUBSYSTEM CREATE THREAD AND FREED DURING TERMINATE THREAD. FOR DATABASE ACCESS THREADS (DBAT), THE TOKEN IS ACQUIRED DURING DBAT INITIALIZATION AND FREED DURING DBAT TERMINATION.
QW0148W3	INT	4	
QW0148S	CHAR	20	
QW0148SP	CHAR	18	%U NAME OF STORED PROCEDURE OR USER-DEFINED %U FUNCTION. FOR TRIGGERS, THIS VALUE IS THE NAME OF %U THE STORED PROCEDURE OR USER-DEFINED FUNCTION THAT %U INVOKED THE TRIGGER. IF THE TRIGGER WAS INVOKED FROM %U THE MAIN APPLICATION, THIS VALUE IS BLANK. %U IF QW0148SP_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW148AFG	CHAR	2	FLAG THAT INDICATES WHETHER THIS IS A TRIGGER, STORED PROCEDURE, OR USER-DEFINED FUNCTION: '00' NO NESTED ACTIVITY. '01' STORED PROCEDURE. '02' USER-DEFINED FUNCTION. '03' TRIGGER EXECUTION. '04' NATIVE SQL PROCEDURE. '05' NON-INLINE USER-DEFINED FUNCTION.
QW148W3	INT	4	
QW148SCH	CHAR	8	%U SCHEMA NAME UNDER WHICH A NESTED ACTIVITY EXECUTES. %U IF QW148SCH_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0148CLS2_BegNTela	TSTMP	8	BEGIN STORE CLOCK VALUE FOR THE MOST RECENT SQL ENTRY FOR THE CURRENT NESTED ACTIVITY. THIS FIELD CONTAINS VALID DATA ONLY IF QW0148AFG>'00'X.
QW0148CLS2_BegNTcp	TIME	8	BEGIN CPU TIME FOR THE MOST RECENT SQL ENTRY FOR THE CURRENT NESTED ACTIVITY. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. THIS FIELD CONTAINS VALID DATA ONLY IF QW0148AFG>'00'X.
QW148ATC	TIME	8	BEGIN CPU TIME FOR THE CURRENT NESTED ACTIVITY. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. THIS FIELD CONTAINS VALID DATA ONLY IF QW0148AFG>'00'X.
QW148AOD	TSTMP	8	BEGIN STORE CLOCK VALUE FOR THE CURRENT NESTED ACTIVITY. THIS FIELD CONTAINS VALID DATA ONLY IF QW0148AFG>'00'X.
QW148ETK	CHAR	8	ENCLAVE TOKEN. THIS VALUE IS ZERO IF THE NESTED ACTIVITY IS NOT UNDER AN ENCLAVE.
QW148ALV	INT	4	ACTIVITY NESTING LEVEL. THIS VALUE IS BETWEEN 0 AND 16.
QW0148LN_Off	INT	2	IF QW00148LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0148 TO QW0148LN_LEN.
QW0148CI_Off	INT	2	IF QW00148CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0148 TO QW0148CI_LEN.
QW0148PN_Off	INT	2	IF QW00148PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0148 TO QW0148PN_LEN.
QW0148SP_Off	INT	2	IF QW00148SP IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0148 TO QW0148SP_LEN.

QW148SCH_Off	INT	2	IF QW148SCH IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0148 TO QW148SCH_LEN.
QW0148_SE	CHAR	56	
QW0148CLS1_BegNNse	TIME	8	BEGINNING CPU TIME ON AN IBM SPECIALTY ENGINE FOR THE MAIN APPLICATION EXECUTION UNIT.
QW0148CLS2_BegNNse	TIME	8	BEGINNING CPU TIME ON AN IBM SPECIALTY ENGINE FOR THE MOST RECENT SQL ENTRY ON THE MAIN APPLICATION EXECUTION UNIT.
QW0148CLS1_BegNTse	TIME	8	BEGINNING CPU TIME ON AN IBM SPECIALTY ENGINE FOR THE CURRENT NESTED ACTIVITY. THIS FIELD IS VALID ONLY IF QW148AFG > '00'X.
QW0148CLS2_BegNTse	TIME	8	BEGINNING CPU TIME ON AN IBM SPECIALTY ENGINE FOR THE MOST RECENT SQL ENTRY FOR THE CURRENT NESTED ACTIVITY. THIS FIELD IS VALID ONLY IF QW148AFG > '00'X.
QW0148Wait_se	TIME	8	CPU TIME THAT WAS CONSUMED ON AN IBM SPECIALTY ENGINE AT THE MOST RECENT WAIT.
QW0148CLS2_EndNNse	TIME	8	END CPU TIME ON AN IBM SPECIALTY ENGINE FOR THE MOST RECENT SQL ENTRY ON THE MAIN APPLICATION EXECUTION UNIT.
QW0148CLS2_EndNTse	TIME	8	END CPU TIME ON AN IBM SPECIALTY ENGINE FOR THE MOST RECENT SQL ENTRY FOR THE CURRENT NESTED ACTIVITY. THIS
QW0148ST	CHAR	2	THREAD STATUS. SEE THE DOCUMENTATION FOR MESSAGE DSNV401I FOR THREAD STATUS DEFINITIONS.
QW0148ETKA	CHAR	8	ALTERNATE DDF ENCLAVE TOKEN.

Secondary segment: **SMF102_QW01488**

Field Name	Type	Len	Description
<i>SMF102_QW01488.<fieldname></i>			
QW01488L	CHAR	16	%U LOCATION NAME OF THE 'REMOTE' LOCATION WITH WHICH THIS %U INFORMATION IS ASSOCIATED. IF THE LOCAL LOCATION IS THE %U REQUESTER, QW01488L IS A SERVING LOCATION NAME. %U IF THE LOCAL LOCATION IS A SERVER, QW01488L IS THE %U REQUESTER LOCATION NAME. %U IF QW01488L_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW01488C	HEX	4	A 32-BIT CONVERSATION IDENTIFIER (CID) WHICH IS USED TO IDENTIFY THE PARTICULAR DB2 CONVERSATION.
QW01488S	CHAR	8	CONNECTION ID. THIS IS A 64 BIT STRING THAT UNIQUELY IDENTIFIES THE CONNECTION ON WHICH THE CONVERSATION IS EXECUTING. FOR VTAM CONNECTIONS, THIS IS THE VTAM-DEFINED SESSION INSTANCE IDENTIFIER OF THE SESSION ON WHICH THE CONVERSATION IS EXECUTING. FOR TCP/IP CONNECTIONS, THIS IS 32 BITS OF BINARY ZEROES, FOLLOWED BY A 16-BIT LOCAL PORT NUMBER AND A 16-BIT REMOTE PORT NUMBER. FIELD QW01488N INDICATES THE CONNECTION TYPE (TCP/IP OR VTAM).
QW01488A	HEX	1	CONVERSATION ACTIVE FLAG:
QW01488U	HEX	2	CONVERSATION STATUS INDICATOR:
QW0148CT	CHAR	1	CONVERSATION TYPE. QW0148IA THROUGH QW0148RP ARE CONSTANTS FOR QW0148CT.
QW01488N	CHAR	1	TYPE OF NETWORK CONNECTION USED: '80'X INDICATES TCP/IP. '00'X INDICATES VTAM.
QW01488T	TSTMP	8	TIMESTAMP (STCK VALUE) OF THE LAST MESSAGE SENT OR RECEIVED ON THE CONVERSATION.
QW01488L_Off	INT	2	IF QW001488L IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW01488 TO QW01488L_LEN.

Secondary segment: **SMF102_QW01502**

Field Name	Type	Len	Description
SMF102_QW01502.<fieldname>			
QW0150FL	HEX	1	WHETHER THE LOCK IS GLOBAL OR LOCAL.
QW0150LH	HEX	4	LOCKED RESOURCE NAME HASH VALUE.
QW0150LK	CHAR	32	DB2 LOCK NAME.
QW0150KL	INT	1	THE LENGTH OF THE LOCK NAME.
QW0150KT	HEX	1	LOCKED RESOURCE TYPE. SEE QW0021KT FOR POSSIBLE VALUES.
QW0150RN	CHAR	28	LOCKED RESOURCE NAME: SEE QW0021RN FOR A DESCRIPTION OF THE LOCKED RESOURCE NAME. IF THE LOCK IS A P-LOCK FORMAT, THEN QW0150PL (28 BYTES) MAPS THE LOCK NAME AND OVERLAYS QW0150RN. FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (X'2B'), QW0150A (28 BYTES) MAPS THE NAME OF THE LOCKED RESOURCE.
QW0150KD	CHAR	2	SEE QW0021RN AND QW0021KD FOR A DESCRIPTION OF THIS FIELD.
QW0150KB	CHAR	2	
QW0150KP	CHAR	2	SEE QW0021RN AND QW0021KP FOR A DESCRIPTION OF THIS FIELD.
QW0150KR	CHAR	4	ID OF SMALL RESOURCE WHEN QW0150KL (LENGTH OF THE LOCK NAME) = 12. SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. (THIS FIELD IS THE SAME AS QW0021KR FOR IFCID 0021.)
QW0150K1	CHAR	3	SEE QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. (THIS FIELD IS THE SAME AS QW0021K1 FOR IFCID 0021.)
QW0150K2	HEX	1	SEE QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. (THIS FIELD IS THE SAME AS QW0021K2 FOR IFCID 0021.)
QW0150KY	CHAR	5	ID OF SMALL RESOURCE WHEN QW0150KL (LENGTH OF THE LOCK NAME) = 13. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0150K4 AND QW0150K5. THIS FIELD OVERLAYS FIELD QW0150KR.
QW0150K4	CHAR	4	PAGE NUMBER.
QW0150K5	HEX	1	RECORD ID (RID) WITHIN THE PAGE.
QW0150KZ	CHAR	4	ID OF SMALL RESOURCE WHEN QW0150KT=X'33'. THIS FIELD OVERLAYS FIELD QW0150KR. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
QW0150K8	HEX	2	PARTITION NUMBER.
QW0150K9	HEX	1	HASH BUCKET NUMBER.
QW0150KC	CHAR	9	ID OF RESOURCE FOR XML LOCKS. THIS FIELD OVERLAYS QW0150KR.
QW0150KX	CHAR	19	ID OF RESOURCE FOR LOB LOCKS. THIS ID CONTAINS THE FOLLOWING TWO FIELDS:
QW0150K6	CHAR	17	ROW ID
QW0150K7	CHAR	2	VERSION NUMBER
QW0150KE	CHAR	7	ID OF SMALL RESOURCE WHEN QW0150KL=16. THIS FIELD OVERLAYS FIELD QW0150KR FOR PAGE AND ROW LOCKS ON TABLE SPACES THAT USE RELATIVE PAGE NUMBERS. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
QW0150KF	HEX	2	PARTITION NUMBER.
QW0150KG	CHAR	4	PAGE NUMBER.
QW0150KH	HEX	1	RECORD ID WITHIN THE PAGE.

QW0150PL	CHAR	28	NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAME IF THE LOCK IS A P-LOCK FORMAT. THIS SECTION OVERLAYS QW0150RN. SEE QW0021PL FOR DESCRIPTIONS OF THE MAPPINGS. THE TYPE IS THE VALUE FOUND IN QW0150KT. ANY FIELDS NOT MENTIONED ARE SET TO HEXADECIMAL ZEROS.
QW0150P8	CHAR	8	THIS 8-BYTE FIELD CONSISTS OF FIELDS QW0150P1 THROUGH QW0150P3.
QW0150P1	HEX	1	SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
QW0150P2	CHAR	2	SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
QW0150P3	CHAR	2	SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
QW0150P4	HEX	2	SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
QW0150P5	CHAR	3	SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
QW0150P6	CHAR	4	SEE THE DESCRIPTION OF QW0021PL FOR POSSIBLE VALUES FOR THIS FIELD.
QW0150A	CHAR	28	NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAME FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (LOCK TYPE IN QW0150KT=QW0150M9). QW0150A (28 BYTES) OVERLAYS QW0150RN AND CONSISTS OF FIELDS QW0150A0 THROUGH QW0150A6.
QW0150A0	HEX	1	DATA MANAGER RMID.
QW0150A1	CHAR	5	CONSTANT 'GDBET'.
QW0150A6	HEX	2	DATABASE EXCEPTION HASH CLASS NUMBER FROM 1 THROUGH 64.

Secondary segment: **SMF102_QW01503**

Field Name	Type	Len	Description
<i>SMF102_QW01503.<fieldname></i>			
QW0150R3	HEX	4	LOCK REQUEST TOKEN. IF THE DB2 SUBSYSTEM NAME IN QW0150N3 IS ANOTHER MEMBER OF THE DB2 DATA SHARING GROUP, THIS FIELD IS BLANK.
QW0150U3	HEX	8	(S) REQUESTING WORK UNIT TOKEN.
QW0150RW	HEX	4	(S)
QW0150A3	HEX	4	ACE (SEE QWHSACE) THAT IS HOLDING THIS LOCK. THE VALUE IN QWHSACE IS THE ACE OF THE IFI APPLICATION THAT REQUESTED THIS TRACE RECORD. FOR P-LOCKS, THIS FIELD IS A DB2 SYSTEM TOKEN. IF THE LOCK IS HELD AS A RETAINED LOCK, THIS FIELD IS BLANK. DO NOT REQUEST 0147 OR 0148 RECORDS BASED ON THIS TOKEN.
QW0150SC	INT	2	(S) STATE COUNTERS.
QW0150UC	HEX	4	(S) USER CLASS MASK.
QW0150D3	HEX	1	LOCK DURATION OF THE THREAD HOLDING THE RESOURCE. SEE FIELD QW0021DR FOR MEANINGS OF THE CONSTANTS. IF THE SUBSYSTEM NAME IN QW0150N3 IS ANOTHER MEMBER OF THE DB2 DATA SHARING GROUP, THIS FIELD IS BLANK.
QW0150TL	HEX	1	TYPE OF LOCK: QW01503S THROUGH QW01503P ARE CONSTANTS FOR QW0150TL.
QW0150ST	HEX	1	LOCK STATE: SEE FIELD QW0021ST FOR THE MEANINGS OF THE CONSTANTS. IF THE SUBSYSTEM NAME IN QW0150N3 IS ANOTHER MEMBER OF THE DB2 DATA SHARING GROUP, THIS FIELD

			CONTAINS THE RESULTANT STATE OF ALL HELD STATES FOR THAT MEMBER (IF THERE ARE MULTIPLE LOCK HOLDERS FOR THAT MEMBER).
QW01503F	HEX	1	IRLM FUNCTION: QW0150LO THROUGH QW0150CH ARE CONSTANTS FOR QW01503F.
QW0150FB	HEX	1	REASON FOR SUSPENSION REQUEST. QW0150F1 THROUGH QW0150F8 ARE CONSTANTS FOR QW0150FB.
QW0150N3	HEX	8	SUBSYSTEM NAME: SEE IFCID 0149 FOR THE MEANING OF THIS FIELD IN AN IFCID 0149 RECORD. WHEN THIS FIELD IS PART OF AN IFCID 0150 RECORD, IT CONTAINS THE NAME OF THE SUBSYSTEM TO WHICH THE IFI APPLICATION IS CONNECTED.

Secondary segment: **SMF102_QW01504**

Field Name	Type	Len	Description
<i>SMF102_QW01504.<fieldname></i>			
QW0150T4	HEX	4	LOCK REQUEST TOKEN. IF THE DB2 SUBSYSTEM NAME IN QW0150N4 IS ANOTHER MEMBER OF THE DB2 DATA SHARING GROUP, THIS FIELD IS BLANK.
QW0150R4	HEX	1	RETAINED STATE.
QW0150N4	HEX	8	SUBSYSTEM NAME.

Secondary segment: **SMF102_QW01505**

Field Name	Type	Len	Description
<i>SMF102_QW01505.<fieldname></i>			
QW01505F	HEX	1	GLOBAL INTEREST FLAGS:
QW01505R	HEX	1	RESULTANT REQUESTED STATE:
QW01505H	HEX	1	RESULTANT HELD STATE. POSSIBLE VALUES ARE THE SAME AS POSSIBLE VALUES FOR RESULTANT REQUESTED STATE.
QW01505S	HEX	8	SUBSYSTEM NAME.

Secondary segment: **SMF102_QW0157**

Field Name	Type	Len	Description
<i>SMF102_QW0157.<fieldname></i>			
QW0157E	CHAR	1	TYPE OF EVENT (I OR R):
QW0157O	HEX	1	READ OR WRITE REQUEST BIT FLAGS (WHEN QW0157E='I'):
QW0157CT	INT	2	CALL TYPE (WHEN QW0157E='I'): AUXCALL - 30 '001E'X SETUPCAL - 35 '0023'X DSCRBCAL - 40 '0028'X CLOSECAL - 45 '002D'X OPENCALL - 50 '0032'X
QW0157SN	INT	2	SECTION NUMBER IN PLAN (WHEN QW0157E='I').
QW0157PN	CHAR	8	%U NAME OF PROGRAM (WHEN QW0157E='I'). %U IF QW0157PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0157LN	CHAR	16	
QW0157PN_Off	INT	2	IF QW0157PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0157 TO QW0157PN_LEN.

QW0157LN_Off	INT	2	IF QW00157PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0157 TO QW0157LN_LEN.
--------------	-----	---	---

Secondary segment: **SMF102_QW0158**

Field Name	Type	Len	Description
<i>SMF102_QW0158.<fieldname></i>			
QW0158E	CHAR	1	TYPE OF EVENT (I OR R):
QW0158CT	INT	2	RDI CALL TYPES (WHEN QW0158E='I'): AUXCALL - 30 '001E'X SETUPCAL - 35 '0023'X DSCRBCAL - 40 '0028'X CLOSECAL - 45 '002D'X OPENCALL - 50 '0032'X
QW0158SN	INT	2	SECTION NUMBER IN PLAN (WHEN QW0158E='I').
QW0158PN	CHAR	8	%U NAME OF PROGRAM (WHEN QW0158E='I'). %U IF QW0158PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0158PN_Off	INT	2	IF QW00158PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0158 TO QW0158PN_LEN.

Secondary segment: **SMF102_QW0159**

Field Name	Type	Len	Description
<i>SMF102_QW0159.<fieldname></i>			
QW0159E	CHAR	1	TYPE OF EVENT (C OR W):
QW0159LN	CHAR	16	%U SERVING LOCATION NAME (WHEN QW0159E='C'). %U IF QW0159LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0159CI	HEX	4	CONVERSATION ID (WHEN QW0159E='C' OR 'W'). THIS IS THE 4-BYTE IDENTIFIER FOR THE SPECIFIED CONVERSATION.
QW015915	INT	4	RETURN CODE FROM THE CONVERSATION MANAGER RETURNED IN GPR15.
QW0159LN_Off	INT	2	IF QW00159LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0159 TO QW0159LN_LEN.

Secondary segment: **SMF102_QW0160**

Field Name	Type	Len	Description
<i>SMF102_QW0160.<fieldname></i>			
QW0160E	CHAR	1	TYPE OF EVENT (A,D,E,R,S, OR W):
QW0160ID	CHAR	1	(S) SOURCE ID FOR TRACE EVENT.
QW0160T	HEX	1	MESSAGE TYPE (FOR QW0160ER='R' OR 'S'):
QW0160R	HEX	1	MESSAGE RESPONSE (FOR QW0160ER='R' OR 'S'):
QW0160CI	HEX	4	(S) CONVERSATION ID (ALL TYPES): THE 4-BYTE LOGICAL CONNECTION IDENTIFIER.
QW0160VI	HEX	4	(S) APPC CONVERSATION ID (ALL TYPES): THIS IS A 32-BIT APPC CONVERSATION IDENTIFIER (CID) THAT IS USED TO IDENTIFY THE PARTICULAR CONVERSATION. FOR TCP/IP CONVERSATIONS, THIS FIELD CONTAINS BINARY ZEROES.
QW0160SI	HEX	8	(S) SESSION INSTANCE ID (ALL TYPES). FOR VTAM CONNECTIONS, THIS IS THE 8-BYTE VTAM SESSION INSTANCE IDENTIFIER FOR

			THE SESSION USED BY THE CONVERSATION. FOR TCP/IP CONNECTIONS, THIS IS THE PARTNER'S 32 BIT IP ADDRESS, FOLLOWED BY DB2'S 16 BIT TCP/IP PORT NUMBER AND THE PARTNER'S 32 BIT TCP/IP PORT NUMBER.
QW0160SI_ip	IPADDRESS	4	For VTAM connections, this is the IP address component of QW0160SI
QW0160SI_port1	INT	2	For VTAM connections, this is the DB2 port number component of QW0160SI
QW0160SI_port2	INT	2	For VTAM connections, this is the Partner's port number component of QW0160SI
QW0160LM	CHAR	8	(S) FOR VTAM CONNECTIONS, THE VTAM LOG MODE ENTRY NAME. FOR TCP/IP CONNECTIONS, THIS FIELD CONTAINS BLANKS.
QW0160ML	HEX	4	MESSAGE LENGTH (FOR QW0160ER='E','R','S').
QW0160MC	HEX	2	MESSAGE CLASS (FOR QW0160ER='E','R','S' AND 'W'):
QW0160MN	HEX	2	MESSAGE NUMBER (FOR QW0160ER='E','R','S' AND 'W') (THIS IS ALWAYS SET TO ZERO.)
QW0160MS	TSTMP	8	TIMESTAMP AT START OF NETWORK REQUEST (FOUND ON ALL TRACE TYPES).
QW0160VT	FLOAT	8	(S) LOCAL ELAPSED TIME OF THE NETWORK REQUEST IN MICROSECONDS. THE VALUE IS IN UNNORMALIZED LONG FLOATING POINT (D). IT IS FOUND ON ALL TRACE TYPES.
QW0160DA	FLOAT	8	(S) DATABASE ACCESS AGENT CPU TIME IN MICROSECONDS (SENT FROM THE SERVER LOCATION TO THE REQUESTING LOCATION.) THE VALUE IS IN UNNORMALIZED LONG FLOATING POINT (D).
QW0160TM	CHAR	1	

Secondary segment: **SMF102_QW0161**

Field Name	Type	Len	Description
<i>SMF102_QW0161.<fieldname></i>			
QW0161E	CHAR	1	TYPE OF EVENT (R OR S):
QW0161ID	CHAR	1	(S) SOURCE ID OF TRACE EVENT
QW0161T	HEX	1	MESSAGE TYPE (FOR QW0161E='R' OR 'S'):
QW0161R	HEX	1	MESSAGE RESPONSE (FOR QW0161E='R' OR 'S'):
QW0161CI	HEX	4	(S) CONVERSATION ID (ALL TYPES): THE 4-BYTE LOGICAL CONNECTION IDENTIFIER.
QW0161VI	HEX	4	(S) APPC CONVERSATION ID (ALL TYPES): THIS IS A 32-BIT APPC CONVERSATION IDENTIFIER (CID) THAT IS USED TO IDENTIFY THE PARTICULAR APPC CONVERSATION. FOR TCP/IP CONVERSATIONS, THIS FIELD CONTAINS BINARY ZEROES.
QW0161SI	HEX	8	(S) SESSION INSTANCE ID (ALL TYPES). FOR VTAM CONNECTIONS, THIS IS THE 8-BYTE VTAM SESSION INSTANCE IDENTIFIER FOR THE SESSION USED BY THE CONVERSATION. FOR TCP/IP CONNECTIONS, THIS IS THE PARTNER'S 32 BIT IP ADDRESS, FOLLOWED BY DB2'S 16 BIT TCP/IP PORT NUMBER AND THE PARTNER'S 32 BIT TCP/IP PORT NUMBER.
QW0161SI_ip	IPADDRESS	4	For VTAM connections, this is the IP address component of QW0161SI
QW0161SI_port1	INT	2	For VTAM connections, this is the DB2 port number component of QW0161SI
QW0161SI_port2	INT	2	For VTAM connections, this is the Partner's port number component of QW0161SI
QW0161LM	CHAR	8	(S) FOR VTAM CONNECTIONS, THE VTAM LOG MODE ENTRY NAME. FOR TCP/IP CONNECTIONS, THIS FIELD CONTAINS BLANKS.
QW0161ML	HEX	4	MESSAGE LENGTH (FOR QW0161E='R' OR 'S'):

QW0161MC	HEX	2	MESSAGE CLASS (FOR QW0161E='R' OR 'S'):
QW0161MN	HEX	2	MESSAGE NUMBER (FOR QW0161E='R' OR 'S'):
QW0161MS	TSTMP	8	MESSAGE TIME STAMP (FOR QW0161E='R' OR 'S'):
QW0161VT	FLOAT	8	(S) ELAPSED TIME IN MICROSECONDS UNNORMALIZED LONG FLOATING POINT (D). (THIS IS FOUND ON TRACE TYPE S.)
QW0161DA	FLOAT	8	(S) DATABASE ACCESS AGENT -- SERVING LOCATION AGENT-- CPU TIME IN MICROSECONDS UNNORMALIZED LONG FLOATING POINT. (THIS IS FOUND ON TRACE TYPE S.)
QW0161TM	CHAR	1	TRACE USER MESSAGE (FOR QW0161E='R' OR 'S'):

Secondary segment: **SMF102_QW0162**

Field Name	Type	Len	Description
<i>SMF102_QW0162.<fieldname></i>			
QW0162E	CHAR	1	TYPE OF EVENT (M,C,A,D,R,Y,B, OR P):
QW0162LN	CHAR	16	%U LOCATION NAME. %U IF QW0162LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0162LT	CHAR	1	LOCATION TYPE (R, U, ?) FOR QW0162E='C' OR 'A': A
QW0162LN_Off	INT	2	IF QW0162LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0162 TO QW0162LN_LEN.

Secondary segment: **SMF102_QW0163**

Field Name	Type	Len	Description
<i>SMF102_QW0163.<fieldname></i>			
QW0163E	CHAR	1	TYPE OF EVENT:

Secondary segment: **SMF102_QW0164**

Field Name	Type	Len	Description
<i>SMF102_QW0164.<fieldname></i>			
QW0164E	CHAR	1	(S) TYPE OF EVENT (A,T, OR R):
QW0164S	CHAR	1	(S) EXIT SUBTYPE: C,L,F FOR A AND R TYPE EXITS H,Q,A FOR T TYPE EXITS THE FOLLOWING DATA IS INCLUDED ONLY FOR TYPE A EXITS:
QW0164LU	CHAR	8	(S) LUNAME.
QW0164MO	CHAR	8	(S) MODE.
QW0164CL	INT	2	(S) CONVERSATION LIMIT, STYPE C.
QW0164CI	CHAR	4	(S) CONVERSATION ID, STYPE F.
QW0164SI	CHAR	8	(S) SESSION ID, STYPE F.

Secondary segment: **SMF102_QW0165**

Field Name	Type	Len	Description
<i>SMF102_QW0165.<fieldname></i>			
QW0165M	CHAR	24	(S) FOR TCP/IP OR SNA: MACRO TYPE.
QW0165MN	CHAR	8	(S) FOR TCP/IP OR SNA: COMMAND NAME - (S) FOR SNA: OPEN, CLOSE, SETLOGON, OR APPCCMD. (S) FOR TCP/IP: THE NAME OF THE CALLABLE SERVICE (BPX1xxxx).
QW0165MC	CHAR	8	(S) FOR SNA: 'CONTROL' PARAMETER (APPCCMD). (S) FOR TCP/IP: CHARS 1-8 OF THE TCP/IP SOCKET NAME.
QW0165MQ	CHAR	8	(S) FOR SNA: 'QUALIFY' PARAMETER (APPCCMD). (S) FOR TCP/IP: CHARS 9-16 OF THE TCP/IP SOCKET NAME.
QW0165RC	HEX	1	(S) FOR SNA: RTNCD.
QW0165FO	HEX	1	(S) FOR SNA: FDBK2.
QW0165RP	INT	2	(S) FOR SNA: RCPRI.
QW0165RS	INT	2	(S) FOR SNA: RCSEC.
QW0165CI	HEX	4	(S) FOR SNA: CONVERSATION ID. (X) FOR TCP/IP: (S) IF QW0165MN='BPX1AIO', THIS IS THE SOCKET DESCRIPTOR. (S) IF QW0165MC='GETHSTID', THIS IS THE INTERNAL FORM (S) OF THE IPV4 IP ADDRESS. IF QW0165MC='GETADINF' OR (S) ZEROES, THIS FIELD IS NOT APPLICABLE.
QW0165IPV4	IPADDRESS	4	(S) FOR SNA: IF QW0165MC='GETHSTID', THIS IS THE INTERNAL FORM (S) OF THE IPV4 IP ADDRESS.
QW0165IPV6	IPADDRESS	16	(S) FOR TCP/IP: IF QW0165MC='GETADINF', THIS FIELD (S) CONTAINS THE INTERNAL FORM OF THE IPV6 IP ADDRESS. (S) OTHERWISE, THIS FIELD CONTAINS ZEROES.

Secondary segment: **SMF102_QW0166**

Field Name	Type	Len	Description
<i>SMF102_QW0166.<fieldname></i>			
QW0166GD	HEX	2	(S) GDS IDENTIFIER.
QW0166LU	CHAR	8	(S) LUNAME.
QW0166MO	CHAR	8	(S) MODE NAME.
QW0166CI	HEX	4	(S) CONVERSATION ID.
QW0166SI	INT	2	(S) BUFFER SIZE.
QW0166B	HEX	1	(S) BUFFER TYPE: (S)'X'80' SEND BUFFER (S)'X'40' RECEIVE BUFFER.

Secondary segment: **SMF102_QW0167**

Field Name	Type	Len	Description
<i>SMF102_QW0167.<fieldname></i>			
QW0167CI	HEX	4	CONVERSATION ID.
QW0167LU	CHAR	8	LUNAME.
QW0167MO	CHAR	8	MODE NAME.
QW0167CA	INT	2	THE NUMBER OF CONVERSATIONS THAT ARE ALLOCATED.
QW0167CQ	INT	2	

			THE NUMBER OF CONVERSATIONS THAT ARE QUEUED WAITING FOR ALLOCATION.
QW0167CL	INT	2	THE CONVERSATION LIMIT AFTER VTAM NEGOTIATED THE LIMITS WITH THE PARTNER.

Secondary segment: **SMF102_QW0168**

Field Name	Type	Len	Description
<i>SMF102_QW0168.<fieldname></i>			
QW0168LL	HEX	4	LENGTH OF THE FOLLOWING FIELD.
QW0168ST	CHAR	1	DISTRIBUTED SQL STATEMENT TEXT. THE MAXIMUM NUMBER OF BYTES IN THIS FIELD IS 5000.

Secondary segment: **SMF102_QW0169**

Field Name	Type	Len	Description
<i>SMF102_QW0169.<fieldname></i>			
QW0169LO	CHAR	16	%U RESPONDING LOCATION NAME, IF QW0169ID='A', 'D', OR 'S'. %U LOCAL LOCATION NAME, IF QW0169ID = 'L'. %U IF QW0169LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0169TY	CHAR	1	TRANSLATION TYPE (I=INBOUND, O=OUTBOUND): 'I' IN THIS FIELD MEANS THIS IS AN INBOUND TRANSLATION AT THE SERVING DB2. 'O' IN THIS FIELD MEANS THIS IS AN OUTBOUND TRANSLATION FROM A REQUESTING DB2 LOCATION.
QW0169ID	CHAR	1	IDENTIFIER TYPE: 'A' AUTHORIZATION ID. 'L' LOCATION ALIAS. 'D' DATABASE ALIAS. 'S' TRUSTED CONTEXT SYSTEM AUTHORIZATION ID.
QW0169LU	CHAR	8	RESPONDING LINKNAME.
QW0169AU	CHAR	8	%U IF QW0169ID IS 'A', THE AUTHORIZATION ID %U FROM THE REQUESTING LOCATION. %U IF QW0169ID IS 'S', THE SYSTEM AUTHORIZATION ID. %U IF QW0169AU_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0169NE	CHAR	8	%U IF QW0169ID IS 'A', THE TRANSLATED AUTHORIZATION ID. %U IF QW0169ID IS 'S', THE TRANSLATED SYSTEM %U AUTHORIZATION ID. %U IF QW0169NE_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0169LO_Off	INT	2	IF QW00169LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0169 TO QW0169LO_LEN.
QW0169AU_Off	INT	2	IF QW00169AU IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0169 TO QW0169AU_LEN.
QW0169NE_Off	INT	2	IF QW00169NE IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0169 TO QW0169NE_LEN.
QW0169AL_Off	INT	2	IF QW00169ID IS 'D' OR 'L', THIS IS THE OFFSET FROM THE BEGINNING OF QW0169 TO QW0169AL_LEN.

Secondary segment: **SMF102_QW0170**

Field Name	Type	Len	Description
<i>SMF102_QW0170.<fieldname></i>			
QW0170AC	INT	4	ACE (SEE QWHSACE) TOKEN OF THE CALLER. (RESERVED)

QW0170FC	HEX	2	(S) FCODE OF EU TARGET.
QW0170ID	HEX	1	(S) RMID OF EU TARGET.

Secondary segment: **SMF102_QW0171**

Field Name	Type	Len	Description
<i>SMF102_QW0171.<fieldname></i>			
QW0171R0	INT	4	(S) CONTENTS OF R0 UPON RETURN FROM RM.
QW0171R1	INT	4	(S) CONTENTS OF R1 UPON RETURN FROM RM.
QW0171RF	INT	4	(S) CONTENTS OF R15 UPON RETURN FROM RM.

Secondary segment: **SMF102_QW0172HE**

Field Name	Type	Len	Description
<i>SMF102_QW0172HE.<fieldname></i>			
QW0172IT	INT	4	DEADLOCK INTERVAL COUNTER.
QW0172NR	INT	4	NUMBER OF UNSATISFIED REQUESTS THAT ARE WAITING FOR LOCKS ON RESOURCES.
QW0172TD	TSTMP	8	THE TIME (STCK) THAT THE DEADLOCK WAS DETECTED.

Secondary segment: **SMF102_QW0172**

Field Name	Type	Len	Description
<i>SMF102_QW0172.<fieldname></i>			
QW0172RH	HEX	4	LOCKED RESOURCE NAME HASH VALUE.
QW0172RN	CHAR	32	THE RESOURCE NAME, COMPOSED OF:
QW0172RL	INT	1	THE LENGTH OF THE LOCK NAME.
QW0172FR	HEX	1	FLAGS FOR THE LOCKED RESOURCE TYPE. SEE QW0021KT FOR POSSIBLE VALUES.
QW0172PN	CHAR	28	LOCKED RESOURCE NAME: SEE QW0021RN FOR A DESCRIPTION OF WHAT GOES IN THIS FIELD.
QW0172KD	CHAR	2	SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD.
QW0172KB	CHAR	2	SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD.
QW0172KP	CHAR	2	SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. (THIS FIELD IS THE SAME AS QW0021KP FOR IFCID 0021.)
QW0172KR	CHAR	4	ID OF SMALL RESOURCE WHEN QW0172RL (LENGTH OF THE LOCK NAME) = 12. SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. (THIS FIELD IS THE SAME AS QW0021KR FOR IFCID 0021.)
QW0172K1	CHAR	3	SEE THE DESCRIPTION OF QW0021K1.
QW0172K2	HEX	1	SEE THE DESCRIPTION OF QW0021K2.
QW0172KY	CHAR	5	

			ID OF SMALL RESOURCE WHEN QW0172RL (LENGTH OF THE LOCK NAME) = 13. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0172K4 AND QW0172K5. THIS FIELD OVERLAYS FIELD QW0172RN.
QW0172K4	CHAR	4	PAGE NUMBER WITHIN A LARGE TABLE SPACE.
QW0172K5	HEX	1	RECORD ID (RID) WITHIN THE PAGE.
QW0172KZ	CHAR	4	ID OF SMALL RESOURCE WHEN QW0172FR=X'33'. THIS FIELD OVERLAYS FIELD QW0172KR. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
QW0172K8	HEX	2	PARTITION NUMBER.
QW0172K9	HEX	1	HASH BUCKET NUMBER.
QW0172KC	CHAR	9	ID OF RESOURCE FOR XML LOCKS. THIS FIELD OVERLAYS QW0172LR.
QW0172KX	CHAR	19	ID OF RESOURCE FOR LOB LOCKS. THIS ID CONTAINS THE FOLLOWING TWO FIELDS:
QW0172K6	CHAR	17	ROW ID
QW0172K7	CHAR	2	VERSION NUMBER
QW0172KE	CHAR	7	ID OF SMALL RESOURCE WHEN QW0172RL=16. THIS FIELD OVERLAYS FIELD QW0172KR FOR PAGE AND ROW LOCKS ON TABLE SPACES THAT USE RELATIVE PAGE NUMBERS. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
QW0172KF	HEX	2	PARTITION NUMBER.
QW0172KG	CHAR	4	PAGE NUMBER.
QW0172KH	HEX	1	RECORD ID WITHIN THE PAGE.
QW0172HP	CHAR	8	THE PLAN NAME OF THE THREAD HOLDING THE RESOURCE. THIS MIGHT BE AN APPLICATION PLAN NAME OR A DB2 SYSTEM PLAN NAME. FOR A LIST OF SYSTEM PLAN NAMES, SEE QWHCPLAN.
QW0172HR	CHAR	12	THE CORRELATION NAME OF THE THREAD HOLDING THE RESOURCE.
QW0172HN	CHAR	8	THE CONNECTION ID OF THE THREAD HOLDING THE RESOURCE.
QW0172HH	CHAR	30	THE LUWID AND TOKEN OF THE THREAD HOLDING THE RESOURCE:
QW0172HL	CHAR	24	THE LUWID OF THE THREAD HOLDING THE RESOURCE. THIS FIELD IS NOT VALID IF THE THREAD IS NOT A DISTRIBUTED THREAD. IT CONTAINS AN ASTERISK FOR NON-DISTRIBUTED THREADS. IT CONTAINS AN LUWID FOR ALLIED DISTRIBUTED AND DBAT THREADS.
QW0172HT	INT	4	THREAD TOKEN OF THE THREAD HOLDING THE RESOURCE.
QW0172HO	CHAR	8	HOLDER'S OWNING WORK UNIT.
QW0172HI	CHAR	8	DB2 MEMBER NAME.
QW0172HS	HEX	1	LOCK STATE OF THE THREAD HOLDING THE RESOURCE. FIELDS QW017200 THROUGH QW017208 ARE CONSTANTS FOR QW0172HS.
QW0172HD	HEX	1	LOCK DURATION OF THE THREAD HOLDING THE RESOURCE: SEE FIELD QW0021DR FOR MEANINGS OF EQUATES.
QW0172HF	HEX	1	(S) FLAGS FOR HOLDER. (S) QW0172H2 THROUGH QW0172H6 ARE CONSTANTS FOR QW0172HF.
QW0172WP	CHAR	8	THE PLAN NAME OF THE THREAD WAITING FOR THE RESOURCE. THIS MIGHT BE AN APPLICATION PLAN NAME OR A DB2 SYSTEM PLAN NAME. FOR A LIST OF SYSTEM PLAN NAMES, SEE QWHCPLAN.
QW0172WR	CHAR	12	THE CORRELATION ID OF THE THREAD WAITING FOR THE RESOURCE.
QW0172WN	CHAR	8	THE CONNECTION NAME OF THE THREAD WAITING FOR THE RESOURCE.
QW0172WX	CHAR	30	THE LUWID AND TOKEN OF THE THREAD WAITING FOR THE RESOURCE:

QW0172WL	CHAR	24	THE LUWID OF THE THREAD WAITING FOR THE RESOURCE. THIS FIELD IS NOT VALID IF THE THREAD IS NOT A DISTRIBUTED THREAD. IT CONTAINS AN ASTERISK FOR NON-DISTRIBUTED THREADS. IT CONTAINS AN LUWID FOR ALLIED DISTRIBUTED AND DBAT THREADS.
QW0172WT	INT	4	THREAD TOKEN OF THE THREAD WAITING FOR THE RESOURCE.
QW0172WW	CHAR	8	WAITER'S REQUESTING WORK UNIT.
QW0172WO	CHAR	8	WAITER'S OWNING WORK UNIT.
QW0172WF	CHAR	1	IRLM FUNCTION REQUESTED BY THE THREAD WAITING FOR THE RESOURCE: X'02' LOCK X'03' UNLOCK X'04' CHANGE.
QW0172WS	HEX	1	LOCK STATE REQUESTED BY THREAD WAITING FOR THE RESOURCE. X'01' (RESERVED) X'02' INTENT SHARE X'03' INTENT EXCLUSIVE X'04' SHARED X'05 UPDATE X'06' SHARED INTENT EXCLUSIVE X'07' NONSHARED UPDATE X'08' EXCLUSIVE
QW0172WD	HEX	1	LOCK DURATION REQUESTED BY THE THREAD WAITING FOR THE RESOURCE: SEE FIELD QW0021DR FOR MEANINGS OF CONSTANTS.
QW0172WG	HEX	1	(S) FLAGS FOR WAITER. QW0172CU THROUGH QW0172FO ARE CONSTANTS FOR QW0172WG.
QW0172WA	HEX	1	WAITER'S DB2 ASSIGNED WORTH VALUE. THIS IS THE VALUE DB2 USES TO DETERMINE WHO THE DEADLOCK VICTIM IS.
QW0172WI	CHAR	8	WAITER'S DB2 MEMBER NAME.
QW0172HB	CHAR	8	%U THE AUTHORIZATION ID OF THE THREAD HOLDING THE RESOURCE.
QW0172HC	CHAR	16	THE END USER ID OF THE THREAD HOLDING THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR IF THE INFORMATION IS TOO LONG TO FIT IN THIS FIELD.
QW0172HJ	CHAR	32	THE TRANSACTION NAME OF THE THREAD HOLDING THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR IF THE INFORMATION IS TOO LONG TO FIT IN THIS FIELD.
QW0172HK	CHAR	18	THE WORKSTATION NAME OF THE THREAD HOLDING THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR IF THE INFORMATION IS TOO LONG TO FIT IN THIS FIELD.
QW0172HQ	CHAR	50	HOLDER'S PACKAGE OR DBRM NAME, WHICH CONSISTS OF THE FIELDS:
QW0172Q1	CHAR	8	%U PROGRAM NAME.
QW0172Q2	CHAR	18	%U PACKAGE COLLECTION ID.
QW0172Q3	CHAR	16	%U LOCATION NAME.
QW0172Q4	CHAR	8	CONSISTENCY TOKEN.
QW0172WZ	CHAR	8	STATEMENT ID.
QW0172WY	CHAR	2	STATEMENT TYPE. POSSIBLE VALUES ARE: X'8000' = STATEMENT IS DYNAMIC. X'4000' = STATEMENT IS STATIC.
QW0172WB	CHAR	8	%U THE AUTHORIZATION ID OF THE THREAD WAITING FOR THE %U RESOURCE.
QW0172WC	CHAR	16	THE END USER USER ID OF THE THREAD WAITING FOR THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR IF THE INFORMATION IS TOO LONG TO FIT IN THIS FIELD.
QW0172WJ	CHAR	32	THE TRANSACTION NAME OF THE THREAD WAITING FOR THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR IF THE INFORMATION IS TOO LONG TO FIT IN THIS FIELD.
QW0172WK	CHAR	18	THE WORKSTATION NAME OF THE THREAD WAITING FOR THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR IF THE INFORMATION IS TOO LONG TO FIT IN THIS FIELD.

QW0172WQ	CHAR	50	WAITER'S PACKAGE OR DBRM NAME, WHICH CONSISTS OF THE FIELDS:
QW0172Q5	CHAR	8	%U PROGRAM NAME.
QW0172Q6	CHAR	18	%U PACKAGE COLLECTION ID.
QW0172Q7	CHAR	16	%U LOCATION NAME.
QW0172Q8	CHAR	8	CONSISTENCY TOKEN.
QW0172HZ	CHAR	8	STATEMENT ID.
QW0172HY	CHAR	2	STATEMENT TYPE. POSSIBLE VALUES ARE: X'8000' = STATEMENT IS DYNAMIC. X'4000' = STATEMENT IS STATIC.
QW0172HC_Off	INT	2	OFFSET TO THE END USER ID OF THE THREAD HOLDING THE RESOURCE, IF THE USER ID IS LONGER THAN 16 BYTES.
QW0172HJ_Off	INT	2	OFFSET TO THE TRANSACTION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE TRANSACTION NAME LONGER THAN 32 BYTES.
QW0172HK_Off	INT	2	OFFSET TO THE WORKSTATION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE WORKSTATION NAME IS LONGER THAN 18 BYTES.
QW0172WC_Off	INT	2	OFFSET TO THE END USER ID OF THE THREAD WAITING FOR THE RESOURCE, IF THE USER ID IS LONGER THAN 16 BYTES.
QW0172WJ_Off	INT	2	OFFSET TO THE TRANSACTION NAME OF THE THREAD WAITING FOR THE RESOURCE, IF THE TRANSACTION NAME LONGER THAN 32 BYTES.
QW0172WK_Off	INT	2	OFFSET TO THE WORKSTATION NAME OF THE THREAD WAITING FOR THE RESOURCE, IF THE WORKSTATION NAME IS LONGER THAN 18 BYTES.
QW0172HC_Var	CHAR	128	THE END USER ID OF THE THREAD HOLDING THE RESOURCE, IF THE USER ID IS LONGER THAN 16 BYTES.
QW0172HJ_Var	CHAR	256	THE TRANSACTION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE TRANSACTION NAME LONGER THAN 32 BYTES.
QW0172HK_Var	CHAR	256	THE WORKSTATION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE WORKSTATION NAME IS LONGER THAN 18 BYTES.
QW0172WC_Var	CHAR	128	THE END USER ID OF THE THREAD WAITING FOR THE RESOURCE, IF THE USER ID IS LONGER THAN 16 BYTES.
QW0172WJ_Var	CHAR	256	THE TRANSACTION NAME OF THE THREAD WAITING FOR THE RESOURCE, IF THE TRANSACTION NAME LONGER THAN 32 BYTES.
QW0172WK_Var	CHAR	256	THE WORKSTATION NAME OF THE THREAD WAITING FOR THE RESOURCE, IF THE WORKSTATION NAME IS LONGER THAN 18 BYTES.
QW0172A	CHAR	28	NAME OF THE LOCKED RESOURCE. THIS SECTION IS USED TO MAP THE LOCKED RESOURCE NAME FOR A GROUP DATABASE EXCEPTION UPDATE LOCK (QW0172FR=QW0172M9). QW0172A (28 BYTES) OVERLAYS QW0172RN AND CONSISTS OF FIELDS QW0172A0 THROUGH QW0172A6.
QW0172A0	HEX	1	DATA MANAGER RMID.
QW0172A1	CHAR	5	CONSTANT 'GDBET'.
QW0172A6	HEX	2	DATABASE EXCEPTION HASH CLASS NUMBER FROM 1 THROUGH 64.

Secondary segment: **SMF102_QW0173**

Field Name	Type	Len	Description
SMF102_QW0173.<fieldname>			
QW0173ID	CHAR	8	

Field Name	Type	Len	Description
			%U AUTHORIZATION ID. %U IF QW0173ID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0173PC	CHAR	18	%U PACKAGE COLLECTION ID. %U IF QW0173PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0173PK	CHAR	8	%U PACKAGE NAME. %U IF QW0173PK_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0173PL	CHAR	8	PLAN NAME.
QW0173CN	CHAR	18	%U CURSOR NAME, IF A CURSOR EXISTS. %U IF QW0173CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0173UT	INT	4	(S) AMOUNT OF TIME USED TO EXECUTE THE STATEMENT.
QW0173AT	INT	4	(S) ASUTIME VALUE THAT WAS SPECIFIED FOR THE PLAN IN THE (S) RESOURCE LIMIT FACILITY TABLE.
QW0173SN	INT	2	SECTION NUMBER IN THE PLAN.
QW0173ST	INT	4	STATEMENT NUMBER IN THE PLAN.
QW0173CS	HEX	4	CACHED STATEMENT ID. ZERO IF THIS INFORMATION IS NOT SUPPLIED.
QW0173DI	CHAR	128	(S) RESOURCE LIMIT FACILITY DIAGNOSTIC INFORMATION AREA.
QW0173ID_Off	INT	2	IF QW0173ID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0173 TO QW0173ID_LEN.
QW0173PC_Off	INT	2	IF QW0173PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0173 TO QW0173PC_LEN.
QW0173PK_Off	INT	2	IF QW0173PK IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0173 TO QW0173PK_LEN.
QW0173CN_Off	INT	2	IF QW0173CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0173 TO QW0173CN_LEN.

Secondary segment: **SMF102_QW0174**

Field Name	Type	Len	Description
<i>SMF102_QW0174.<fieldname></i>			
QW0174AC	INT	4	ADDRESS OF AGENT CONTROL ELEMENT.
QW0174EB	INT	4	(S)ADDRESS OF EXECUTION BLOCK.
QW0174UR	INT	4	(S)ADDRESS OF THE BEGIN UNIT OF RECOVERY LOG RECORD.

Secondary segment: **SMF102_QW0175**

Field Name	Type	Len	Description
<i>SMF102_QW0175.<fieldname></i>			
QW0175AC	INT	4	ADDRESS OF AGENT CONTROL ELEMENT.
QW0175EB	INT	4	(S) ADDRESS OF EXECUTION BLOCK.
QW0175UR	INT	4	

Secondary segment: **SMF102_QW0176**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_QW0176.<fieldname>			
QW0176DOIN	CHAR	8	(S) MODULE ABBREVIATION AND FUNCTION AREA:
QW0176DOINMOD	CHAR	4	(S) MODULE ABBREVIATION, PLUS A BLANK.
QW0176DOINREQ	CHAR	3	(S) FUNCTIONAL ABBREVIATIONS WITHIN MODULE.
QW0176DOINTYP	CHAR	1	(S) ADDITIONAL FUNCTION DESCRIPTION.
QW0176SIGPRT	CHAR	8	(S) MODULE-SPECIFIC SIGNIFICANT BLOCK POINTER.
QW0176DESC24	CHAR	24	(S) 24-BYTE DESCRIPTOR, USUALLY THE PHB NAME.
QW0176EXSIZE	CHAR	4	(S) USUALLY, EXPANSION SIZE.
QW0176CLASS	CHAR	1	(S) STORAGE CLASS.
QW0176BLKPTR	CHAR	8	(S) SIGNIFICANT BLOCK POINTER: 31 OR 64.
QW0176SEGSIZE	CHAR	4	(S) SEGMENT SIZE, WHEN RELEVANT.
QW0176BSIZE	CHAR	4	(S) PHBBSIZE OR OTHER SIZE, WHEN RELEVANT.
QW0176EBR6	CHAR	4	(S) EB OR ADDRESS IN REGISTER 6.
QW0176MEPA	CHAR	4	(S) MEPLCEPA VALUE.
QW0176MEP24	CHAR	24	(S) MEPL DIAGNOSTIC INFORMATION.
QW0176TIME	TSTMP	8	(S) TIMESTAMP.
QW0176Rescode	CHAR	4	(S) REASON CODE.

Secondary segment: **SMF102_QW0177**

Field Name	Type	Len	Description
SMF102_QW0177.<fieldname>			
QW0177PK	CHAR	126	PACKAGE NAME. THE FULLY QUALIFIED DRDA NAME FOR A PACKAGE CONSISTS OF THE RDB_NAME (LOCATION OF THE PACKAGE), COLLECTION-ID, AND THE PACKAGE ID.
QW0177LO	CHAR	16	%U LOCATION OF PACKAGE (SERVER). THIS IS BLANK IF THE LOCAL %U LOCATION IS NOT DEFINED. %U IF QW0177LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0177CO	CHAR	18	%U COLLECTION-ID. THIS IS THE 18-BYTE IDENTIFIER USED TO %U NAME THE COLLECTION IN WHICH THE PACKAGE WAS CREATED. %U IF QW0177CO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0177PI	CHAR	18	%U PACKAGE ID. THIS IS THE 18-BYTE IDENTIFIER WHICH, WHEN %U COMBINED WITH THE COLLECTION-ID, UNIQUELY IDENTIFIES A %U PACKAGE WITHIN THE APPLICATION SERVER. THE PACKAGE ID %U IS ALWAYS THE PROGRAM NAME, WHICH IS, FOR DB2, THE SAME %U AS THE DATABASE REQUEST MODULE MEMBER NAME. %U IF QW0177PI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0177CT	TSTMP	8	CONSISTENCY TOKEN (TIMESTAMP) OF THE PROGRAM. THE CONSISTENCY TOKEN UNIQUELY IDENTIFIES THE SQL APPLICATION PROCESS THAT PREPARED THE SOURCE SQL STATEMENTS FOR EXECUTION. THE CONSISTENCY TOKEN AND THE PROGRAM NAME ARE USED TO FIND THE PACKAGE CONTAINING THE PROGRAM'S BOUND SQL STATEMENT WHEN THE PROGRAM MAKES A REQUEST TO EXECUTE ANY OF ITS SQL STATEMENTS.
QW0177VR	CHAR	66	PACKAGE VERSION. IF A VERSION IS NOT SPECIFIED AT PRECOMPILE TIME, THEN THE VERSION NAME IS CONSIDERED AN EMPTY STRING (A VARCHAR WITH LENGTH OF ZERO) AND THIS IS TREATED AS A VERSION NAME (QW0177VN). IF THE SPECIFIED VALUE FOR THE VERSION NAME IS 'AUTO' AND THE CONSISTENCY TOKEN IS A TIMESTAMP, THE TIMESTAMP IS USED AS THE VERSION NAME AFTER IT IS CONVERTED INTO CHARACTER FORMAT OF THE ISO FORM. IF 'AUTO' WAS SPECIFIED AND THE CONSISTENCY TOKEN IS A LEVEL VALUE (REFER TO THE DB2 APPLICATION PROGRAMMING AND SQL GUIDE FOR A DEFINITION

			OF THE PRECOMPILER LEVEL OPTION), THEN THE LEVEL VALUE IS USED AS THE VERSION NAME. THE LENGTH OF THE VERSION NAME CAN BE A MAXIMUM OF 64 BYTES.
QW0177VL	INT	2	LENGTH OF PACKAGE VERSION.
QW0177VN	CHAR	64	VERSION NAME (SEE QW0177VR).
QW0177PL	CHAR	8	NAME OF THE PLAN UNDER WHICH THIS PACKAGE IS RUNNING. IN ORDER FOR AN APPLICATION PROGRAM RUNNING IN DB2 TO EXECUTE A PACKAGE, YOU MUST STILL CREATE A PLAN. TO CREATE THIS PLAN, A PACKAGE LIST, COMPOSED OF ONE OR MORE PACKAGE NAMES IN AN ORDERED LIST, IS SPECIFIED ON THE BIND PLAN SUBCOMMAND.
QW0177IS	CHAR	1	ISOLATION LEVEL OF THE PACKAGE:
QW0177AQ	CHAR	1	ACQUIRE LEVEL OF THE PACKAGE. THE ACQUIRE KEYWORD DOES NOT APPLY TO PACKAGES. THE RESOURCES ARE ALWAYS ACQUIRED AT FIRST USE FOR PACKAGES.
QW0177RL	CHAR	1	RELEASE LEVEL OF THE PACKAGE. TELLS WHETHER RESOURCES ARE RELEASED AT EACH COMMIT POINT, OR WHEN THE APPLICATION TERMINATES. THE DEFAULT IS THE SAME AS THE PLAN THE PACKAGE IS APPENDED TO AT EXECUTION TIME.
QW0177DY	CHAR	1	DYNAMICRULES OPTION FOR DYNAMIC SQL STATEMENTS. TELLS WHETHER BIND-TIME OR RUN-TIME RULES APPLY TO DYNAMIC SQL STATEMENTS AT RUN TIME. SEE DB2 COMMAND REFERENCE FOR INFORMATION ABOUT THE DYNAMICRULES OPTION.
QW0177DP	CHAR	1	DEFER/NODEFER(PREPARE) OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER TO DEFER PREPARATION OF DYNAMIC SQL STATEMENTS, OR TO PREPARE THEM IMMEDIATELY. THIS FIELD IS BLANK IF NEITHER DEFER NOR NODEFER IS SPECIFIED FOR BIND OR REBIND OF A PACKAGE.
QW0177RO	HEX	2	WHETHER TO REOPTIMIZE SQL STATEMENTS AT RUN TIME. IF REOPTIMIZATION AT RUN TIME IS NOT USED, ACCESS PATHS ARE CHOSEN ONLY AT BIND OR REBIND TIME. IF REOPTIMIZATION IS USED, ACCESS PATHS ARE DETERMINED AT BIND OR REBIND TIME AND AGAIN AT RUN TIME. ACCESS PATHS CAN BE DETERMINED AT RUN TIME FOR STATEMENTS WITH THE FOLLOWING TYPES OF VARIABLE INPUT: - INPUT HOST VARIABLES - PARAMETER MARKERS - VALUES IN SPECIAL REGISTERS.
QW0177KD	CHAR	1	KEEPDYNAMIC OPTION FOR BIND OR REBIND PLAN OR PACKAGE. DETERMINES WHETHER DB2 KEEPS (KEEPDYNAMIC(YES)) OR DISCARDS (KEEPDYNAMIC(NO)) PREPARED SQL STATEMENTS AT COMMIT POINTS.
QW0177PR	CHAR	1	DATABASE PROTOCOL FOR THREE-PART NAMES:
QW0177OH	CHAR	8	%U OPTIMIZATION HINTS VALUE, OR BLANKS IF NO OPTIMIZATION %U HINTS ARE DEFINED. %U IF QW0177OH_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0177IW	CHAR	1	IMMEDIATE WRITE OF UPDATED GROUP BUFFER POOL BUFFERS:
QW0177CC	HEX	2	ENCODING CCSID VALUE. DB2 DERIVES THIS VALUE FROM THE VALUE OF THE ENCODING BIND OPTION.
QW0177SC	CHAR	1	ENCODING SCHEME OF ENCODING CCSID:
QW0177LO_Off	INT	2	IF QW0177LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0177 TO QW0177LO_LEN.
QW0177CO_Off	INT	2	IF QW0177CO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0177 TO QW0177CO_LEN.
QW0177PI_Off	INT	2	IF QW0177PI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0177 TO QW0177PI_LEN.
QW0177OH_Off	INT	2	IF QW0177OH IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0177 TO QW0177OH_LEN.

Secondary segment: SMF102_QW0178

Field Name	Type	Len	Description
SMF102_QW0178.<fieldname>			
QW0178FD	CHAR	4	(S) TYPE OF CALL MADE TO THE DSNJW117 EXIT (S) 'INIT' INITIALIZATION (S) 'WRIT' REGULAR WRITE CALL (S) 'TERM' TERMINATION.
QW0178FB	INT	4	(S) ADDRESS OF THE FIRST LOG BUFFER PASSED TO THE DSNJ117 EXIT ROUTINE.
QW0178LB	INT	4	(S) ADDRESS OF THE LAST LOG BUFFER PASSED TO THE DSNJ117 EXIT ROUTINE.
QW0178LC	INT	4	(S) ADDRESS OF THE LOG EXIT CONTROL BLOCK.

Secondary segment: SMF102_QW0180

Field Name	Type	Len	Description
SMF102_QW0180.<fieldname>			
QW0180HD	INT	4	HEADER - ALL TYPES
QW0180E	CHAR	1	TYPE OF EVENT (A, R, S, OR F):
QW0180F	HEX	1	(S) FLAGS:
QW0180CV	CHAR	20	(S) CONVERSATION INFORMATION:
QW0180VI	HEX	4	(S) FOR SNA: THE APPC CONVERSATION ID. (S) FOR TCP/IP: THE SOCKET DESCRIPTOR.
QW0180IPV6	IPADDRESS	16	(S) FOR TCP/IP: IF QWHSRN >= 91, THIS FIELD (S) CONTAINS THE IP ADDRESS IN INTERNAL (S) FORM. IF QW0180NP = '01'B, (S) THIS FIELD CONTAINS AN IPV4 IP ADDRESS, (S) WHICH MIGHT BE MAPPED. IF QW0180NP = '10'B, (S) THIS FIELD CONTAINS A 128-BIT IPV6 IP (S) IP ADDRESS.
QW0180IPV4	IPADDRESS	4	(S) THIS FIELD OVERLAYS QW0180IP. (S) FOR SNA: THIS FIELD CONTAINS THE SESSION ID. (S) FOR TCP/IP: IF QWHSRN < 91, THIS FIELD CONTAINS (S) THE 32-BIT IPV4 IP ADDRESS, FOLLOWED BY THE (S) 16-BIT LOCAL PORT NUMBER, FOLLOWED BY THE (S) 16-BIT PARTNER PORT NUMBER.
QW0180SI	HEX	8	(S) THIS FIELD OVERLAYS QW0180IP. (S) FOR SNA: THIS FIELD CONTAINS THE SESSION ID. (S) FOR TCP/IP: IF QWHSRN < 91, THIS FIELD CONTAINS (S) THE 32-BIT IPV4 IP ADDRESS, FOLLOWED BY THE (S) 16-BIT LOCAL PORT NUMBER, FOLLOWED BY THE (S) 16-BIT PARTNER PORT NUMBER.
QW0180LM	CHAR	8	(S) FOR SNA: LOG MODE ENTRY NAME.
QW0180PT	HEX	4	(S) FOR TCP/IP: IF QWHSRN >= 91, THE INTERNAL (S) FORM OF ONE OF THE FOLLOWING VALUES:
QW0180LP	HEX	2	(S) LOCAL PORT.
QW0180PP	HEX	2	(S) PARTNER PORT.
QW0180DL	INT	2	(S) LENGTH OF THE VARIABLE LENGTH AREA MAPPED (S) BY QW0180DS.
QW0180DS	CHAR	1	(S) VARIABLE LENGTH MESSAGE OR FMH-5 DATA. (THE PASSWORD IN THE FMH-5 OR THE TCP/IP MESSAGE IS CHANGED TO BLANKS)

Secondary segment: SMF102_QW0181

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_QW0181.<fieldname>			
QW0181HD	INT	2	(S) HEADER - ALL TYPES
QW0181E	CHAR	1	(S) TYPE OF EVENT:
QW0181OD	CHAR	8	(S) DSS CHAIN IDENTIFIER
QW0181T	HEX	2	(S) DSS OBJECT TYPE - TYPE Q,P,O X'01' REQUEST DSS X'02' REPLY DSS X'03' OBJECT DSS
QW0181RC	HEX	2	(S) DSS CHAIN IDENTIFIER
QW0181OB	HEX	4	(S) DDM OBJECT (V TYPE FIELD)
QW0181OL	HEX	2	(S) DDM OBJECT LENGTH
QW0181CP	HEX	2	(S) DDM OBJECT CODE POINT
QW0181DT	CHAR	1	(S) DDM OBJECT DATA

Secondary segment: **SMF102_QW0182**

Field Name	Type	Len	Description
SMF102_QW0182.<fieldname>			
QW0182HD	INT	2	(S) HEADER - ALL TYPES
QW0182E	CHAR	1	(S) TYPE OF EVENT - R OR S
QW0182OD	CHAR	8	(S) DSS CHAIN IDENTIFIER
QW0182T	HEX	2	(S) DSS OBJECT TYPE - TYPE Q,P,O X'1' REQUEST DSS X'2' REPLY DSS X'3' OBJECT DSS
QW0182RC	HEX	2	(S) DSS CHAIN IDENTIFIER
QW0182OB	HEX	4	(S) DDM OBJECT (V TYPE FIELD)
QW0182OL	HEX	2	(S) DDM OBJECT LENGTH
QW0182CP	HEX	2	(S) DDM OBJECT CODE POINT
QW0182DT	CHAR	1	(S) DDM OBJECT DATA

Secondary segment: **SMF102_QW0183**

Field Name	Type	Len	Description
SMF102_QW0183.<fieldname>			
QW0183E	CHAR	1	TYPE OF EVENT (I OR R):
QW0183FN	INT	2	FUNCTION TYPE (WHEN QW0183E='I'): 10 = REBIND 20 = FREE 30 = BEGIN BIND 40 = BIND STATEMENT 50 = END BIND 60 = SQL STATEMENT 70 = CONNECT EXTRACT 80 = CONNECT RESET 85 = CONNECT RESET TYPE 2 90 = CONNECT RESET FOR BIND 100 = EXPLICIT CONNECT 110 = BIND CONNECT 120 = CONNECT TYPE 2 130 = SET CONNECTION 140 = RELEASE LOCATION 150 = RELEASE CURRENT 160 = RELEASE ALL 170 = RELEASE ALL SQL 180 = NOT USED
QW0183LN	CHAR	16	%U APPLICATION SERVER LOCATION NAME. %U IF QW0183LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0183CO	CHAR	18	%U COLLECTION NAME. %U IF QW0183CO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0183PN	CHAR	8	%U PROGRAM NAME. %U IF QW0183PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0183ST	INT	2	

			SQL STATEMENT TYPE: FOR A LIST OF SQL STATEMENT TYPES, SEE FIELD RDISTYPE IN IFCID 0124.
QW0183OS	INT	2	RESERVED.
QW0183RC	INT	4	RETURN CODE.
QW0183SN	INT	4	SQL STATEMENT NUMBER.
QW0183LN_Off	INT	2	IF QW0183LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0183 TO QW0183LN_LEN.
QW0183CO_Off	INT	2	IF QW0183CO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0183 TO QW0183CO_LEN.
QW0183PN_Off	INT	2	IF QW0183PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0183 TO QW0183PN_LEN.

Secondary segment: **SMF102_QW0184**

Field Name	Type	Len	Description
<i>SMF102_QW0184.<fieldname></i>			
QW0184HD	INT	4	HEADER:
QW0184E	CHAR	1	TYPE OF EVENT:
QW0184F	HEX	1	(S) FLAGS:
QW0184CV	CHAR	20	(S) TCP/IP INFORMATION:
QW0184SD	HEX	4	(S) TCP/IP SOCKET DESCRIPTOR.
QW0184IPV6	IPADDRESS	16	(S) FOR TCP/IP: IF QWHSRN >= 91, THIS FIELD (S) CONTAINS THE IP ADDRESS IN INTERNAL (S) FORM. IF QW0184NP='01'B, (S) THIS FIELD CONTAINS AN IPV4 IP ADDRESS, (S) WHICH MIGHT BE MAPPED. IF QW0184NP='10'B, (S) THIS FIELD CONTAINS A 128-BIT IPV6 IP (S) IP ADDRESS.
QW0184IPV4	IPADDRESS	4	(S) THIS FIELD OVERLAYS QW0184IP. (S) FOR SNA: THIS FIELD CONTAINS THE SESSION ID. (S) FOR TCP/IP: IF QWHSRN < 91, THIS FIELD CONTAINS (S) THE 32-BIT IPV4 IP ADDRESS, FOLLOWED BY THE (S) 16-BIT LOCAL PORT NUMBER, FOLLOWED BY THE (S) 16-BIT PARTNER PORT NUMBER.
QW0184SI	HEX	8	(S) THIS FIELD OVERLAYS QW0184IP. (S) FOR SNA: THIS FIELD CONTAINS THE SESSION ID. (S) FOR TCP/IP: IF QWHSRN < 91, THIS FIELD CONTAINS (S) THE 32-BIT IPV4 IP ADDRESS, FOLLOWED BY THE (S) 16-BIT LOCAL PORT NUMBER, FOLLOWED BY THE (S) 16-BIT PARTNER PORT NUMBER.
QW0184PT	HEX	4	(S) FOR TCP/IP: IF QWHSRN >= 91, THE INTERNAL (S) FORM OF ONE OF THE FOLLOWING VALUES:
QW0184LP	HEX	2	(S) LOCAL PORT.
QW0184PP	HEX	2	(S) PARTNER PORT.
QW0184DL	INT	2	(S) LENGTH OF THE VARIABLE LENGTH AREA MAPPED (S) BY QW0184DS.
QW0184DS	CHAR	1	(S) VARIABLE LENGTH MESSAGE.

Secondary segment: **SMF102_QW0185**

Field Name	Type	Len	Description
<i>SMF102_QW0185.<fieldname></i>			
QW0185LN	INT	4	LENGTH OF ALL DATA RETURNED IN THIS RECORD.

QW0185TP	CHAR	1	TYPE OF DATA RETURNED:
QW0185RC	CHAR	4	REASON CODE DESCRIBING ERROR FOR THIS DATA PORTION.
QW0185QT	CHAR	26	QUALIFIED TABLE NAME (FIELDS QW0185CR AND QW0185TB):
QW0185CR	CHAR	8	%U THE AUTHORIZATION ID OF THE CREATOR OF THE TABLE. %U IF QW0185CR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0185TB	CHAR	18	%U TABLE NAME. %U IF QW0185TB_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0185TS	CHAR	10	TIMESTAMP (IN INTERNAL FORMAT) OF TABLE DESCRIPTION FROM THE CATALOG.
QW0185TL	CHAR	10	TIMESTAMP (IN INTERNAL FORMAT) OF THE LOG BUFFER CONTROL INTERVAL WHEN IT IS EXTERNALIZED OR WHEN THE BUFFER IS INITIALIZED.
QW0185UR	CHAR	10	RBA OF THE FIRST LOG RECORD FOR THIS UNIT OF WORK.
QW0185LR	CHAR	10	RBA OF LOG RECORD FROM WHICH THIS PARTICULAR DATA ROW WAS RETRIEVED.
QW0185PC	CHAR	2	OPERATION CODE. THIS FIELD IS USED ONLY IF QW0185TP=D. IF QW0185TP CONTAINS 'S', THIS FIELD CONTAINS X'0000'. THE POSSIBLE VALUES FOR THIS FIELD ARE:
QW0185RI	CHAR	2	OPERATION CODE QUALIFIER:
QW0185TR	CHAR	2	OPERATION CODE QUALIFIER. X'0000' MEANS QW0185TP= 'S'.
QW0185CR_Off	INT	2	IF QW0185CR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0185 TO QW0185CR_LEN.
QW0185TB_Off	INT	2	IF QW0185TB IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0185 TO QW0185TB_LEN.
QW0185DA	CHAR	1	IFCID 0185 DATA PORTION FOLLOWS. * * IF QW0185TP CONTAINS 'S' THEN THE DATA PORTION * * CONSISTS OF FOUR FIELDS FOLLOWED BY AN ARBITRARY * * NUMBER OF THE QW0185VR STRUCTURE.
QW0185DD	CHAR	1	BEGINNING OF DATA DESCRIPTION.
QW0185ID	CHAR	8	EYE CATCHER 'CDCDD '.
QW0185BC	INT	4	LENGTH OF THE QW0185DD SECTION IS (QW0185NO * 44) + 16.
QW0185NO	INT	2	TOTAL NUMBER OF OCCURRENCES OF QW0185VR.
QW0185LD	INT	2	NUMBER OF COLUMNS DESCRIBED BY OCCURRENCES OF QW0185VR.
QW0185VR	CHAR	46	THIS STRUCTURE DESCRIBES A COLUMN IN A CAPTURED TABLE. IT CONSISTS OF THE FOLLOWING FIELDS: QW0185ST, QW0185LE, QW0185SD, QW0185SI, QW0185SN, QW0185NL, AND QW0185CN.
QW0185ST	INT	2	TELLS THE DATA TYPE OF THE COLUMN AND WHETHER IT HAS AN ASSOCIATED INDICATOR VARIABLE. FOR MORE INFORMATION ABOUT POSSIBLE VALUES IN THIS FIELD, SEE THE DESCRIPTION OF THE SQLDA IN AN APPENDIX IN DB2 SQL REFERENCE.
QW0185LE	INT	2	DEFINES THE EXTERNAL LENGTH OF A VALUE FROM THE COLUMN, FOR A COLUMN OTHER THAN A LOB OR ROWID. FOR A ROWID COLUMN, DEFINES THE INTERNAL LENGTH OF THE COLUMN. FOR A LOB COLUMN, DEFINES THE LENGTH OF THE INDICATOR COLUMN (THE COLUMN IN THE BASE TABLE).
QW0185SD	INT	4	CONTAINS THE CCSID (CODED CHARACTER SET ID) IN BYTES 3 AND 4. FOR MORE INFORMATION ABOUT CCSIDS, SEE THE 'CHARACTER CONVERSION FOR DISTRIBUTED DATA' APPENDIX OF ADMINISTRATION GUIDE.
QW0185SI	INT	4	OFFSET OF THIS COLUMN INTO THE DATA ROW.
QW0185SN	CHAR	1	LENGTH OF THE NAME AND THE NAME OF THE COLUMN (FIELDS QW0185NL AND QW0185CN):
QW0185NL	INT	2	LENGTH OF THE COLUMN NAME.
QW0185CN	CHAR	30	%U COLUMN NAME. %U IF QW0185CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

QW0185CN_Off	INT	2	IF QW0185CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0185 TO QW0185CN_LEN.
QW0185DR	CHAR	1	IF QW0185TP CONTAINS 'D' THEN THE DATA PORTION ** CONSISTS OF ONE OF THE FOLLOWING: ** - THE DATA ROW IF QW0185RC CONTAINS ZERO ** - AN ERROR MESSAGE IF QW0185RC DOES NOT CONTAIN ZERO** DATA ROW OR ERROR MESSAGE.

Secondary segment: **SMF102_QW0186**

Field Name	Type	Len	Description
<i>SMF102_QW0186.<fieldname></i>			
QW0186SC	INT	2	(S) SECTION 'N' OF THE SEQUENCE OF IFCID 0186 TRACE RECORDS. WHEN COMBINED, THEY FORM A COMPLETE COPY OF THE MEPL CONTROL BLOCK.
QW0186TS	INT	2	(S) TOTAL NUMBER OF IFCID 0186 TRACE RECORDS REQUIRED TO FORM A COMPLETE COPY OF THE MEPL CONTROL BLOCK
QW0186RS	INT	2	(S) (RESERVED)
QW0186LN	INT	2	(S) LENGTH OF QW0186MP + 2. THIS FIELD IS ALWAYS 4098 = '1002'X, UNLESS THIS IS THE LAST IFCID 0186 IN THE SEQUENCE. IF IT IS THE LAST IFCID IN THE SEQUENCE, BYTES OF DATA = (LENGTH OF MEPL - (4096 * (N-1))).
QW0186MP	CHAR	1	(S) MEPL DATA. BYTES WRITTEN ARE BYTE ((QW0186SC - 1) * 4096) THRU BYTE (((QW0186SC - 1) * 4096) + (QW0186LN - 3)) OF THE MEPL.

Secondary segment: **SMF102_QW0188**

Field Name	Type	Len	Description
<i>SMF102_QW0188.<fieldname></i>			
QW0188TP	CHAR	1	THE TYPE OF REQUEST AS INDICATED IN THE WQALCDDC FIELD OF THE IFI QUALIFICATION AREA:
QW0188PL	CHAR	1	THE PORTION OF THE LOG READ THAT TOOK THE LONGEST AMOUNT OF TIME:
QW0188FL	CHAR	1	REQUEST FLAGS:
QW0188BT	TIME	8	ELAPSED TIME OF THE DATA CAPTURE DESCRIBE. THIS IS A SUBSET OF THE TIME PROVIDED IN QW0188LT.
QW0188MB	INT	4	NUMBER OF DATA CAPTURE DESCRIBES PERFORMED. A DATA CAPTURE DESCRIBE IS THE PROCESS OF GETTING DESCRIPTIVE INFORMATION ABOUT A DB2 TABLE FROM THE CATALOG AND DIRECTORY FOR FUTURE INTERPRETATION OF DB2 LOG RECORDS BELONGING TO THAT PARTICULAR TABLE.
QW0188LT	TIME	8	LOG DATA RETRIEVAL ELAPSED TIME FOR IFCID 0185 REQUESTS. THIS TIME IS A SUBSET OF THE ELAPSED TIME SPENT PROCESSING IFI (FIELD QIFAAIET).
QW0188LL	TIME	8	THE ELAPSED TIME OF THE LONGEST LOG READ.
QW0188LC	INT	4	TOTAL NUMBER OF LOG RECORDS THAT WERE CAPTURED ON THE LOG FOR THIS PARTICULAR SQL CHANGE. TO COMPLETE PROCESSING OF THIS CHANGE, THE EXTERNAL PROGRAM THAT CAPTURES CHANGED DB2 DATA MUST ISSUE ENOUGH IFI REQUESTS FOR IFCID 0185 TO RETRIEVE ALL CAPTURE LOG RECORDS. SEE QW0188RR TO SEE HOW MANY RECORDS WERE RETRIEVED SO FAR.
QW0188RR	INT	4	TOTAL NUMBER OF LOG RECORDS THAT WERE RETRIEVED BY ONE OR MORE READS REQUESTS FOR IFCID 0185 FOR A SINGLE

			SQL CHANGE. IF QW0188RR < QW0188LC, THEN ADDITIONAL LOG RECORDS MUST BE RETRIEVED TO OBTAIN ALL LOG RECORDS INVOLVED IN THE SQL CHANGE.
QW0188RD	INT	4	TOTAL NUMBER OF LOG RECORDS FROM WHICH DATA ROWS ARE RETURNED FOR THIS SINGLE READS REQUEST.
QW0188LR	CHAR	4	NUMBER OF LOG READS PERFORMED.
QW0188DR	CHAR	4	NUMBER OF DATA ROWS RETURNED. DATA ROWS ARE IN IFCID 0185 BEGINNING AT FIELD QW0185DR.
QW0188DD	INT	4	NUMBER OF DATA DESCRIPTIONS RETURNED. SEE IFCID 0185 BEGINNING WITH FIELD QW0185DD FOR THE MAPPING OF THE DATA DESCRIPTION.
QW0188TB	INT	4	NUMBER OF TABLES DEFINED WITH 'DATA CAPTURE CHANGES' FROM WHICH DATA ROWS ARE RETURNED.
QW0188RT	INT	4	(S)RETURN CODE FROM LOG EXTRACTION.
QW0188RS	INT	4	(S)REASON CODE FROM LOG EXTRACTION.
QW0188BR	CHAR	10	THE BEGINNING RBA OF THE REQUESTED LOG RANGE.
QW0188ER	CHAR	10	THE END RBA OF THE REQUESTED LOG RANGE.

Secondary segment: **SMF102_QW0190**

Field Name	Type	Len	Description
<i>SMF102_QW0190.<fieldname></i>			
QW0190TY	CHAR	2	(S) TYPE OF OVERFLOW: 'TF' INTERMEDIATE TABLE IN MEMORY FILLED UP. 'SS' NO STORAGE TO SORT RID LIST AT ENTRY TO PHASE 2. ALL INNER ROWS FETCHED VIA TABLE SPACE SCAN. 'MR' MAXIMUM NUMBER OF RIDS EXCEEDED FOR RIDMAP DURING RUNTIME RID LIST APPEND. 'SR' NO STORAGE AVAILABLE DURING RUNTIME RID LIST APPEND. 'MS' NO FINAL RID LIST BUILT FOR MULTIPLE INDEX ACCESS BECAUSE NO STORAGE IS AVAILABLE. 'MT' NO FINAL RID LIST BUILT FOR MULTIPLE INDEX ACCESS BECAUSE THRESHOLD WAS EXCEEDED. 'IS' NO RID LIST RETURNED FROM DM FOR SINGLE INDEX ACCESS BECAUSE NO STORAGE WAS AVAILABLE. 'IT' NO RID LIST RETURNED FROM DM FOR SINGLE INDEX ACCESS BECAUSE THRESHOLD WAS EXCEEDED.
QW0190IP	CHAR	1	(S) OVERFLOW IMPACT: 'C' NO REPROCESS OF LAST OUTER ROW. UPON RETURN TO RID PHASE FROM THE OVERFLOW, CONTINUE WHERE LEFT OFF. 'R' REPROCESS LAST OUTER ROW UPON RETURN TO RID PHASE FROM OVERFLOW 'T' INNER TABLE ROW MUST BE FETCHED VIA TABLE SPACE SCAN. UPON RETURN TO RID PHASE FROM OVERFLOW, CONTINUE WHERE LEFT OFF.
QW0190CS	CHAR	1	(S) HYBRID JOIN CASE: '1' OR '2'
QW0190RT	INT	4	(S) RUNTIME ADDRESS OF OVERFLOW LOCATION.
QW0190#R	INT	4	(S) NUMBER OF RIDS IN RID LIST.
QW0190MB	CHAR	1	(S) RUNTIME CHANGEABLE BITS.
QW0190JB	CHAR	1	(S) RUNTIME HYBRID JOIN CHANGEABLE BITS.
QW0190LL	HEX	2	(S) LENGTH FIELD FOR QW0190LR.
QW0190LR	CHAR	1	(S) LAST ROW PLACED IN MEMORY TABLE (UP TO 60 BYTES FOR TYPE 'TF' ONLY).

Secondary segment: **SMF102_QW0191**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_QW0191.<fieldname>			
QW0191LL	INT	2	LENGTH FIELD. IFCID 0191 HAS SPECIFIC LENGTH FIELD AND OFFSET CONSIDERATIONS THAT ARE DIFFERENT THAN OTHER IFC RECORDS. SEE MACRO DSNDQW02.
QW0191HD	INT	2	HEADER. FOR DB2 APPLICATION REQUESTER: THE HEADER IDENTIFIES THE DDM COMMAND, THE TOTAL NUMBER OF REPLY DATA STREAM STRUCTURES RECEIVED IN RESPONSE TO THIS COMMAND, AND THE TOTAL NUMBER OF OBJECT DATA STREAM STRUCTURES RECEIVED IN RESPONSE TO THIS COMMAND. THE DB2 PARSE STATE (QW0191PA) IS P1. FOR DB2 APPLICATION SERVER: THE HEADER IDENTIFIES THE DDM COMMAND RECEIVED AND THE TOTAL NUMBER OF OBJECT DATA STREAM STRUCTURES CHAINED TO THE DDM COMMAND. THE DB2 PARSE STATE (QW0191PA) IS P2. THE DDIS DSNLZSPA PARSE TRACE (LAST FIVE STATES AND EVENTS) IS ALSO INCLUDED FOR BOTH THE REQUESTER AND THE SERVER.
QW0191HE	CHAR	8	EYE CATCHER 'DRDA0191'.
QW0191LN	CHAR	18	%U REMOTE LOCATION NAME. %U IF QW0191LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0191VS	CHAR	2	VERSION NUMBER FOR ALL SECTIONS.
QW0191NO	INT	2	THE SEQUENCE NUMBER FOR THIS IFCID 0191 RECORD OUT OF THE TOTAL NUMBER OF IFCID 0191 RECORDS.
QW0191TO	INT	2	TOTAL NUMBER OF IFCID 0191 RECORDS.
QW0191FO	HEX	4	OFFSET RELATIVE TO 0191 RECORD POINT AT WHICH PARSE FAILED.
QW0191FL	HEX	4	
QW0191ID	INT	2	IDENTIFIER.
QW0191RS	HEX	4	REASON CODE.
QW0191MN	CHAR	8	MODULE NAME.
QW0191MI	INT	2	SOURCE ID IN MODULE.
QW0191TK	CHAR	12	UNIQUE ERROR TOKEN.
QW0191C1	CHAR	2	DDM COMMAND CODE POINT.
QW0191PA	CHAR	2	DB2 PARSE STATE:
QW0191RN	HEX	4	NUMBER OF REPLY MESSAGES RECEIVED.
QW0191ON	HEX	4	NUMBER OF OBJECT DATA STREAM STRUCTURES RECEIVED.
QW0191DN	HEX	4	TOTAL NUMBER OF DATA STREAM STRUCTURES.
QW0191ER	CHAR	8	TYPE OF ERROR:
QW0191ET	CHAR	1	0 = SQLSTATE IN SQLCA GENERATED 1 = REPLY MESSAGE SENT.
QW0191SS	CHAR	5	SQLSTATE RETURNED.
QW0191C2	CHAR	2	REPLY MESSAGE CODE POINT.
QW0191TN	INT	2	DIMENSION OF QW0191PT.
QW0191PT	CHAR	10	TOP LEVEL PARSE TRACE LAST FIVE (STATE, EVENTS) REPEATING GROUP -- MAXIMUM OF FIVE ENTRIES.
QW0191ST	HEX	1	LZRPA/LZSPA STATE.
QW0191EV	HEX	1	LZRPA/LZSPA EVENT.
QW0191LN_Off	INT	2	IF QW0191LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0191 TO QW0191LN_LEN.
QW0191DT	CHAR	1	BEGINNING OF NEXT SECTION.

Secondary segment: SMF102_QW0192

Field Name	Type	Len	Description
<i>SMF102_QW0192.<fieldname></i>			
QW0192HD	INT	4	HEADER INFORMATION.
QW0192EC	CHAR	8	EYE CATCHER 'DRDA0192'.
QW0192LN	CHAR	18	%U REMOTE LOCATION NAME. %U IF QW0192LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0192VN	INT	2	VERSION NUMBER FOR 0192 RECORDS.
QW0192CS	CHAR	8	CSECT THAT DETECTED THE ERROR.
QW0192ER	INT	4	DDM ERROR TYPE RETURNED: X'00001245' = DDM PROTOCOL ERROR RETURNED (PRCCNVRM) X'0000124C' = DDM SYNTAX ERROR RETURNED (SYNTAXRM)
QW0192SV	INT	4	DDM SEVERITY CODE RETURNED (SVRCOD)
QW0192CD	INT	4	DDM ERROR CODE RETURNED: FOR DDM PROTOCOL ERRORS, THIS IS THE DDM PRCCNVCD VALUE. FOR DDM SYNTAX ERRORS, THIS IS THE DDM SYNERRCD VALUE.
QW0192CO	INT	4	OFFSET INTO THE DATASTREAM OF CURRENT DDM LEVEL 6A HEADER (THE INVALID HEADER).
QW0192CH	CHAR	6	CURRENT DDM LEVEL 6A HEADER.
QW0192CL	INT	2	GDS LENGTH FIELD.
QW0192CI	HEX	1	DDM CONSTANT ('D0'X).
QW0192CF	HEX	1	DDM FLAG BYTE.
QW0192CC	INT	2	DDM REQUEST CORRELATOR.
QW0192DT	CHAR	250	FIRST 250 BYTES OF DATA FOLLOWING THE CURRENT DDM LEVEL 6A HEADER.
QW0192PO	INT	4	OFFSET INTO THE DATA STREAM OF PREVIOUS DDM LEVEL 6A HEADER (THE LAST VALID DDM HEADER).
QW0192PH	HEX	6	PREVIOUS DDM LEVEL 6A HEADER (BINARY ZEROES INDICATE THERE WAS NO PREVIOUS DDM HEADER IN THE DATA).
QW0192PL	INT	2	GENERALIZED DATA STREAM (GDS) LENGTH FIELD.
QW0192PI	HEX	1	DDM CONSTANT ('D0'X).
QW0192PF	HEX	1	DDM FLAG BYTE.
QW0192PC	INT	2	DDM REQUEST CORRELATOR.
QW0192LN_Off	INT	2	IF QW0192LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0192 TO QW0192LN_LEN.

Secondary segment: SMF102_QW0193

Field Name	Type	Len	Description
<i>SMF102_QW0193.<fieldname></i>			
QW0193HD	INT	4	
QW0193EC	CHAR	8	EYE CATCHER 'DRDA0193'.
QW0193LN	CHAR	18	%U LOCATION NAME OF SERVER. %U IF QW0193LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0193VS	INT	2	VERSION NUMBER OF THIS TRACE RECORD.
QW0193CS	CHAR	8	CSECT THAT DETECTED THE ERROR.
QW0193SC	INT	4	SQLCODE RETURNED BY THE SERVER.

QW0193CO	CHAR	1	COMMAND SENT TO THE SERVER (C OR R):
QW0193UW	CHAR	1	UNIT OF WORK (UOW) DISPOSITION REPORTED BY THE SERVER (C OR R):
QW0193LN_Off	INT	2	IF QW0193LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0193 TO QW0193LN_LEN.

Secondary segment: **SMF102_QW0194**

Field Name	Type	Len	Description
<i>SMF102_QW0194.<fieldname></i>			
QW0194HD	INT	4	HEADER.
QW0194EC	CHAR	8	EYE CATCHER 'DRDA0194'.
QW0194LN	CHAR	18	%U REMOTE LOCATION NAME. %U IF QW0194LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0194VN	INT	2	VERSION NUMBER FOR 0192 RECORDS.
QW0194CS	CHAR	8	CSECT THAT DETECTED THE ERROR.
QW0194SN	HEX	4	SNA SENSE CODE DESCRIBING THE ERROR.
QW0194LN_Off	INT	2	IF QW0194LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0194 TO QW0194LN_LEN.
QW0194DL	INT	2	TRACE LENGTH FOR V TYPE FIELD.
QW0194DS	CHAR	1	VARIABLE LENGTH FMH-5 DATA. (PASSWORD IN FMH-5 IS CHANGED TO BLANKS.)

Secondary segment: **SMF102_QW0195**

Field Name	Type	Len	Description
<i>SMF102_QW0195.<fieldname></i>			
QW0195HD	INT	4	HEADER.
QW0195EC	CHAR	8	EYE CATCHER 'DRDA0195'.
QW0195LN	CHAR	18	REMOTE LOCATION NAME. %U IF QW0195LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0195VI	INT	2	VERSION OF QW0195 RECORD.
QW0195ID	INT	2	IDENTIFIER.
QW0195MN	CHAR	8	MODULE NAME.
QW0195UI	INT	2	SOURCE ID IN MODULE.
QW0195FD	CHAR	8	FIELD IN ERROR: 'SQLD ' = NUMBER OF ENTRIES IN SQLD 'SQLTYPE ' = DATA TYPE 'SQLLEN ' = DATA LENGTH 'SQLDATA ' = CCSID
QW0195NO	INT	4	COLUMN NUMBER FOR FIELD IN ERROR.
QW0195SE	INT	4	CONTENTS IN EXISTING SQLDA FIELD.
QW0195SN	INT	4	CONTENTS IN NEW SQLDA FIELD.
QW0195LN_Off	INT	2	IF QW0195LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0195 TO QW0195LN_LEN.

Secondary segment: **SMF102_QW0196HE**

Field Name	Type	Len	Description
SMF102_QW0196HE.<fieldname>			
QW0196NU	INT	4	NUMBER OF LOCK HOLDERS.
QW0196RH	HEX	4	LOCKED RESOURCE NAME HASH VALUE.
QW0196RN	CHAR	32	DB2 LOCK NAME COMPOSED OF:
QW0196RL	INT	1	LENGTH OF THE LOCK NAME.
QW0196FR	HEX	1	LOCKED RESOURCE TYPE. SEE QW0021KT FOR POSSIBLE VALUES FOR THIS FIELD.
QW0196PN	CHAR	28	LOCKED RESOURCE NAME. SEE QW0021RN FOR THE MAPPING OF THE LOCKED RESOURCE NAME.
QW0196KD	CHAR	2	DATABASE ID.
QW0196KP	CHAR	2	PAGE SET OBID OR TABLE RECORD OBID.
QW0196KR	CHAR	4	ID OF SMALL RESOURCE WHEN QW0196RL (LENGTH OF THE LOCK NAME) = 12. SEE THE DESCRIPTION OF QW0021RN FOR POSSIBLE VALUES OF THIS FIELD. (THIS FIELD IS THE SAME AS QW0021KR FOR IFCID 0021.)
QW0196K1	CHAR	3	SEE QW0021K1 FOR POSSIBLE VALUES FOR THIS FIELD.
QW0196K2	HEX	1	SEE QW0021K2 FOR POSSIBLE VALUES FOR THIS FIELD.
QW0196KY	CHAR	5	ID OF SMALL RESOURCE WHEN QW0196RL (LENGTH OF THE LOCK NAME) = 13. THIS FIELD IS BROKEN INTO TWO FIELDS, QW0196K4 AND QW0196K5. THIS FIELD OVERLAYS FIELD QW0196KR.
QW0196K4	CHAR	4	PAGE NUMBER.
QW0196K5	HEX	1	RECORD ID (RID) WITHIN THE PAGE.
QW0196KC	CHAR	9	ID OF RESOURCE FOR XML LOCKS. THIS FIELD OVERLAYS QW0196KR. POSSIBLE VALUES FOR THIS FIELD:
QW0196KX	CHAR	19	ID OF RESOURCE FOR LOB LOCKS. THIS ID CONTAINS THE FOLLOWING TWO FIELDS:
QW0196K6	CHAR	17	ROW ID
QW0196K7	CHAR	2	VERSION NUMBER
QW0196KE	CHAR	7	ID OF SMALL RESOURCE WHEN QW0196RL=16. THIS FIELD OVERLAYS FIELD QW0196RN FOR PAGE AND ROW LOCKS ON TABLE SPACES THAT USE RELATIVE PAGE NUMBERS. THIS FIELD CONTAINS THE FOLLOWING SUBFIELDS:
QW0196KF	HEX	2	PARTITION NUMBER.
QW0196KG	CHAR	4	PAGE NUMBER.
QW0196KH	HEX	1	RECORD ID WITHIN THE PAGE.
QW0196WU	HEX	1	REQUESTED FUNCTION.
QW0196WS	HEX	1	REQUESTED LOCK STATE.
QW0196WD	HEX	1	REQUESTED DURATION.
QW0196WF	HEX	1	REQUESTED LOCK FLAG.
QW0196WO	CHAR	8	REQUESTING WORK UNIT.
QW0196TI	INT	4	TIMEOUT INTERVAL. THE TIMEOUT VALUE SPECIFIED ON INSTALLATION PANEL DSNTIPX OR ZPARM NAME: STORTIME IN DSN6SYSP.
QW0196TC	INT	2	TIMEOUT COUNTER FOR THIS THREAD.
QW0196W9	CHAR	8	THE CACHED STATEMENT ID FOR THE STATEMENT WAITING FOR THE RESOURCE. THIS FIELD CONTAINS ZERO IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
QW0196WY	CHAR	2	STATEMENT TYPE.

Secondary segment: **SMF102_QW0196**

Field Name	Type	Len	Description
<i>SMF102_QW0196.<fieldname></i>			
QW0196HW	CHAR	1	WHETHER THE DATA IS FOR A LOCK HOLDER OR WAITER.
QW0196HP	CHAR	8	PLAN NAME. SEE QWHCPLAN FOR A LIST OF PLAN NAMES.
QW0196HR	CHAR	12	CORRELATION ID.
QW0196HN	CHAR	8	CONNECTION ID.
QW0196HH	CHAR	30	
QW0196HL	CHAR	24	LUWID. THIS FIELD CONTAINS "*" IF THE LOCK HOLDER IS NOT A DATABASE ACCESS THREAD (DBAT).
QW0196HT	INT	4	THREAD TOKEN.
QW0196HO	CHAR	8	OWNING WORK UNIT. NOT VALID IF QW0196HW=QW0196R.
QW0196HI	CHAR	8	NAME OF THE DB2 MEMBER OF THE DATA SHARING GROUP.
QW0196HS	HEX	1	LOCK STATE.
QW0196HD	HEX	1	LOCK DURATION. NOT VALID IF QW0196HW=QW0196R.
QW0196HF	HEX	1	(S) LOCK FLAG. (SEE QW0172HF FOR AN EXPLANATION OF VALUES.) NOT VALID IF QW0196HW=QW0196R.
QW0196HA	HEX	1	(S)
QW0196HB	CHAR	8	%U THE AUTHORIZATION ID OF THE THREAD HOLDING THE RESOURCE.
QW0196HC	CHAR	16	THE END USER USER ID OF THE THREAD HOLDING THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR THE ID IS LONGER THAN 16 BYTES.
QW0196HJ	CHAR	32	THE TRANSACTION NAME OF THE THREAD HOLDING THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR THE NAME IS LONGER THAN 32 BYTES.
QW0196HK	CHAR	18	THE WORKSTATION NAME OF THE THREAD HOLDING THE RESOURCE. THIS FIELD CONTAINS BLANKS IF THE CLIENT DID NOT SUPPLY THIS INFORMATION, OR THE NAME IS LONGER THAN 18 BYTES.
QW0196H9	CHAR	8	THE CACHED STATEMENT ID FOR THE STATEMENT HOLDING THE RESOURCE. THIS FIELD CONTAINS ZERO IF THE CLIENT DID NOT SUPPLY THIS INFORMATION.
QW0196HY	CHAR	2	STATEMENT TYPE.
QW0196HC_Off	INT	2	OFFSET TO THE END USER ID OF THE THREAD HOLDING THE RESOURCE, IF THE USER ID IS LONGER THAN 16 BYTES.
QW0196HJ_Off	INT	2	OFFSET TO THE TRANSACTION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE TRANSACTION NAME LONGER THAN 32 BYTES.
QW0196HK_Off	INT	2	OFFSET TO THE WORKSTATION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE WORKSTATION NAME IS LONGER THAN 18 BYTES.
QW0196HC_Var	CHAR	128	THE END USER ID OF THE THREAD HOLDING THE RESOURCE, IF THE USER ID IS LONGER THAN 16 BYTES.
QW0196HJ_Var	CHAR	256	THE TRANSACTION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE TRANSACTION NAME LONGER THAN 32 BYTES.
QW0196HK_Var	CHAR	256	THE WORKSTATION NAME OF THE THREAD HOLDING THE RESOURCE, IF THE WORKSTATION NAME IS LONGER THAN 18 BYTES.

Secondary segment: SMF102_QW0197

Field Name	Type	Len	Description
<i>SMF102_QW0197.<fieldname></i>			
QW0197ID	CHAR	8	MESSAGE ID.
QW0197DS	CHAR	3	CONTAINS THE STRING 'DSN'.
QW0197NR	CHAR	4	MESSAGE NUMBER.
QW0197AC	CHAR	1	MESSAGE ACTION CODE.
QW0197AL	CHAR	1	LONG MESSAGE ACTION CODE.
QW0197BK	CHAR	1	CONTAINS A BLANK CHARACTER: ' '.
QW0197TX	CHAR	1	VARIABLE LENGTH MESSAGE TEXT OF UP TO 2500 BYTES.

Secondary segment: SMF102_QW0198

Field Name	Type	Len	Description
<i>SMF102_QW0198.<fieldname></i>			
QW0198DB	INT	2	DATABASE ID. DATABASE ID OF THE PAGE SET BEING ACCESSED. USE THE VALUE IN THIS FIELD TO MATCH THE 'DBID' COLUMN IN SYSIBM.SYS- DATABASE TO FIND THE NAME OF THE DATABASE.
QW0198OB	INT	2	PAGE SET OBID. THE ID OF THE TABLE SPACE OR INDEX SPACE BEING ACCESSED. IF THIS IS A TABLE SPACE, USE THIS VALUE TO MATCH THE 'PSID' COLUMN IN SYSIBM.SYSTABLESPACE TO FIND THE NAME OF THE TABLE SPACE. IF THE PAGE SET IS AN INDEX SPACE, USE THIS VALUE TO MATCH THE 'ISOBID' COLUMN IN SYSIBM.SYS- INDEXES TO FIND THE NAME OF THE INDEX SPACE.
QW0198BP	HEX	1	BUFFER POOL ID. THE INTERNAL ID OF THE BUFFER POOL WHICH THE REQUESTED PAGE IS ASSOCIATED WITH.
QW0198FC	CHAR	1	PAGE REQUEST FUNCTION CODE:
QW0198PS	CHAR	1	PAGE STATUS IN BUFFER POOL. THIS IS APPLICABLE ONLY TO GETPAGE REQUESTS:
QW0198AT	CHAR	1	PAGE ACCESS TYPE. THIS IS APPLICABLE ONLY TO GETPAGE AND RELEASE PAGE REQUESTS:
QW0198PN	INT	4	PAGE NUMBER.
QW0198AC	HEX	4	ACE ADDRESS OF REQUESTING AGENT.
QW0198PR	CHAR	1	PAGE REFRESH STATUS. THIS VALUE IS APPLICABLE ONLY WHEN QW0198PS='M'. VALUES ARE:
QW0198P	HEX	1	FLAGS:
QW0198PT	INT	4	PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE OR INDEX SPACE IS NONPARTITIONED.

Secondary segment: SMF102_QW0199HE

Field Name	Type	Len	Description
<i>SMF102_QW0199HE.<fieldname></i>			
QW0199TS	TSTMP	8	STORE CLOCK VALUE AT THE END OF THE STATISTICS INTERVAL.

Secondary segment: **SMF102_QW0199**

Field Name	Type	Len	Description
<i>SMF102_QW0199.<fieldname></i>			
QW0199DB	INT	2	DATABASE ID.
QW0199OB	INT	2	PAGE SET OBID.
QW0199DN	INT	2	PIECE OR PARTITION NUMBER.
QW0199BP	HEX	1	BUFFER POOL ID. FOR RECORDS THAT ARE WRITTEN TO AN IFI RETURN AREA FOR AN IFI READS CALL, THE BUFFER POOL ID IS DEFINED AS FOLLOWS: 0 - 49 (X'00' - X'31') 4K BUFFERPOOLS 50 - 59 (X'32' - X'3B') 32K BUFFERPOOLS 60 - 69 (X'3C' - X'45') 8K BUFFERPOOLS 70 - 79 (X'46' - X'4F') 16K BUFFERPOOLS FOR RECORDS THAT ARE WRITTEN AS STATISTICS RECORDS TO ALL DESTINATIONS OTHER THAN AN IFI READS RETURN AREA THE BUFFER POOL ID IS DEFINED AS FOLLOWS: 0 - 49 (X'00' - X'31') 4K BUFFER POOLS 80 - 89 (X'50' - X'59') 32K BUFFER POOLS 100 - 109 (X'64' - X'6D') 8K BUFFER POOLS 120 - 129 (X'78' - X'81') 16K BUFFER POOLS
QW0199DS	HEX	1	FLAGS:
QW0199SV	INT	4	AVERAGE SYNCHRONOUS I/O DELAY (IN MILLISECONDS).
QW0199SX	INT	4	MAXIMUM SYNCHRONOUS I/O DELAY (IN MILLISECONDS).
QW0199SP	INT	4	TOTAL SYNCHRONOUS I/O PAGES.
QW0199AD	INT	4	AVERAGE ASYNCHRONOUS I/O DELAY (IN MILLISECONDS).
QW0199AX	INT	4	MAXIMUM ASYNCHRONOUS I/O DELAY (IN MILLISECONDS).
QW0199AP	INT	4	TOTAL ASYNCHRONOUS I/O PAGES.
QW0199AC	INT	4	TOTAL ASYNCHRONOUS I/O COUNT.
QW0199VP	INT	4	CURRENT PAGE COUNT - VIRTUAL POOL.
QW0199VD	INT	4	CURRENT CHANGED PAGE COUNT - VIRTUAL POOL.
QW0199GP	INT	4	CURRENT NUMBER OF GETPAGE REQUESTS.
QW0199SC	TSTMP	8	TIMESTAMP OF THE LAST TIME THAT DATA SET STATISTICS WERE EXTERNALIZED IN THIS IFCID. IF THIS IS THE FIRST TIME THAT DATA SET INFORMATION IS IN THIS STATISTICS RECORD, THIS FIELD CONTAINS THE TIME WHEN THE DATA SET WAS OPENED. THIS FIELD HAS NO MEANING FOR AN IFI READS CALL.
QW0199S1	FIXED	8 (20,6)	AVERAGE I/O DELAY FOR SYNCHRONOUS I/O, IN SECONDS.
QW0199S2	FIXED	8 (20,6)	MAXIMUM I/O DELAY FOR SYNCHRONOUS I/O, IN SECONDS.
QW0199A1	FIXED	8 (20,6)	AVERAGE I/O DELAY FOR ASYNCHRONOUS I/O, IN SECONDS.
QW0199A2	FIXED	8 (20,6)	MAXIMUM I/O DELAY FOR ASYNCHRONOUS I/O, IN SECONDS.

Secondary segment: **SMF102_QW0201**

Field Name	Type	Len	Description
<i>SMF102_QW0201.<fieldname></i>			
QW0201BP	INT	2	THE INTERNAL IDENTIFIER OF THE BUFFER POOL. '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109'

			ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
QW0201CD	CHAR	1	HOW THE BUFFERPOOL IS ALTERED:
QW0201RT	INT	4	RETURN CODE FOR THE ALTER: X'00' = SUCCESSFUL X'08' = UNSUCCESSFUL (SEE QW0201RE FOR THE REASON CODE).
QW0201RE	INT	4	REASON CODE RETURNED FROM AN UNSUCCESSFUL ALTER BUFFERPOOL.
QW0201OT	HEX	1	VIRTUAL POOL SEQUENTIAL STEAL THRESHOLD BEFORE THE ALTER BUFFERPOOL COMMAND. THIS FIELD CONTAINS A VALUE BETWEEN X'00' AND X'64' (0-100 DECIMAL). SEE QW0201NT FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0201OZ	CHAR	1	AUTOSIZE ATTRIBUTE BEFORE THE ALTER ('Y' OR 'N').
QW0201OD	HEX	1	VIRTUAL POOL DEFERRED WRITE THRESHOLD BEFORE THE ALTER BUFFERPOOL COMMAND. THIS FIELD CONTAINS A VALUE BETWEEN X'00 AND X'5A' (0-90 DECIMAL). SEE QW0201ND FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0201OV	HEX	1	VIRTUAL POOL VERTICAL DEFERRED WRITE THRESHOLD BEFORE ALTER BUFFERPOOL COMMAND. THIS FIELD CONTAINS A VALUE BETWEEN X'00' AND X'5A' (0-90 DECIMAL). SEE QW0201NV FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0201OF	CHAR	1	WHETHER A PAGE IS FIXED IN REAL STORAGE WHEN IT IS FIRST USED ('Y' OR 'N').
QW0201OQ	HEX	1	VIRTUAL POOL PARALLEL SEQUENTIAL THRESHOLD BEFORE THE ALTER BUFFERPOOL COMMAND. SEE QW0201NQ FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0201OX	HEX	1	ASSISTING PARALLEL SEQUENTIAL THRESHOLD BEFORE THE ALTER BUFFERPOOL COMMAND. SEE QW0201NX FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0201OJ	INT	2	
QW0201OK	CHAR	1	PGSTEAL ATTRIBUTE BEFORE THE ALTER BUFFERPOOL COMMAND. SEE QW0201NK FOR THE VALUE AFTER THE COMMAND. VALUES ARE:
QW0201NT	HEX	1	VIRTUAL POOL SEQUENTIAL STEAL THRESHOLD AFTER THE ALTER BUFFERPOOL COMMAND. THIS FIELD CONTAINS A VALUE BETWEEN 0-100 (DECIMAL). SEE QW0201OT FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0201NZ	CHAR	1	AUTOSIZE ATTRIBUTE AFTER THE ALTER ('Y' OR 'N').
QW0201ND	HEX	1	VIRTUAL POOL DEFERRED WRITE THRESHOLD AFTER THE ALTER BUFFERPOOL COMMAND. THIS FIELD CONTAINS A VALUE BETWEEN X'00' AND X'5A' (0-90 DECIMAL). SEE QW0201OD FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0201NV	HEX	1	VIRTUAL POOL VERTICAL DEFERRED WRITE THRESHOLD AFTER THE ALTER BUFFERPOOL COMMAND WAS ISSUED. THIS FIELD CONTAINS A VALUE BETWEEN X'00' AND X'5A' (0-90 DECIMAL). SEE QW0201OV FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0201NF	CHAR	1	PGFIX ATTRIBUTE AFTER THE ALTER BUFFERPOOL COMMAND WAS ISSUED ('Y' OR 'N').
QW0201NQ	HEX	1	VIRTUAL POOL PARALLEL SEQUENTIAL THRESHOLD AFTER THE ALTER BUFFERPOOL COMMAND WAS ISSUED.
QW0201NX	HEX	1	ASSISTING PARALLEL SEQUENTIAL THRESHOLD AFTER THE ALTER BUFFERPOOL COMMAND WAS ISSUED.
QW0201NJ	INT	2	VERTICAL DEFERRED WRITE QUEUE THRESHOLD AFTER THE ALTER BUFFERPOOL COMMAND, IN NUMBER OF BUFFERS. THIS FIELD IS USED TO DETERMINE THE THRESHOLD ONLY IF QW0201NV IS ZERO AND THIS FIELD IS NON-ZERO.
QW0201NK	CHAR	1	PGSTEAL ATTRIBUTE AFTER THE ALTER BUFFERPOOL COMMAND.
QW0201OP	FLOAT	8	VIRTUAL POOL SIZE BEFORE THE ALTER BUFFERPOOL COMMAND.
QW0201OA	FLOAT	8	VPSIZEMIN VALUE BEFORE THE ALTER BUFFERPOOL COMMAND.

QW0201OB	FLOAT	8	VPSIZEMAX VALUE BEFORE THE ALTER BUFFERPOOL COMMAND.
QW0201OC	CHAR	4	FRAMESIZE VALUE BEFORE THE ALTER BUFFERPOOL COMMAND, FOR 4K, 1M OR 2G.
QW0201OH	HEX	1	
QW0201OS	FLOAT	8	RESERVED. SIMULATED BUFFER POOL SIZE.
QW0201NP	FLOAT	8	VIRTUAL POOL SIZE AFTER THE ALTER BUFFERPOOL COMMAND.
QW0201NA	FLOAT	8	VPSIZEMIN VALUE AFTER THE ALTER BUFFERPOOL COMMAND.
QW0201NB	FLOAT	8	VPSIZEMAX VALUE AFTER THE ALTER BUFFERPOOL COMMAND.
QW0201NC	CHAR	4	FRAMESIZE VALUE AFTER THE ALTER BUFFERPOOL COMMAND, FOR 4K, 1M OF 2G.
QW0201NH	HEX	1	
QW0201NS	FLOAT	8	SIMULATED BUFFER POOL SIZE.

Secondary segment: **SMF102_QW0203**

Field Name	Type	Len	Description
<i>SMF102_QW0203.<fieldname></i>			
QW0203FL	CHAR	74	FIXED LENGTH PORTION OF THE TRACE RECORD.
QW0203LR	CHAR	1	THE SOURCE OF THE DECISION:
QW0203CA	CHAR	1	THE DECISION THAT WAS REPORTED:
QW0203LO	CHAR	16	%U FOR REMOTE DECISIONS (SEE QW0203CA), THE LOCATION, %U LUNAME (<LUNAME>), OR IP ADDRESS. %U OF THE SITE THAT SENT THE DECISION. %U IF QW0203LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0203LW	CHAR	24	THE LUWID SUBFIELDS FOR THE UNIT OF WORK:
QW0203NT	CHAR	8	NETID PORTION OF THE LUWID.
QW0203LU	CHAR	8	LUNAME PORTION OF THE LUWID.
QW0203IN	HEX	6	INSTANCE NUMBER PORTION OF THE LUWID.
QW0203CM	HEX	2	LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0203UR	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.
QW0203CO	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR IP ADDRESS %U (NNN.NNN.NNN.NNN) OF THE COORDINATOR. %U IF QW0203CO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0203LO_Off	INT	2	IF QW0203LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0203 TO QW0203LO_LEN.
QW0203CO_Off	INT	2	IF QW0203CO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0203 TO QW0203CO_LEN.
QW0203PA_Num	INT	2	IF AT LEAST ONE QW0203PA ENTRY IS TRUNCATED, THE NUMBER OF PARTICIPANT LOCATION NAMES.
QW0203PA_Off	INT	2	IF AT LEAST ONE QW0203PA ENTRY IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0203 TO THE FIRST QW0203PA_D ENTRY. THERE ARE QW0203PA_D ENTRIES, AND THERE IS NO SPACE OR OTHER DELIMITER BETWEEN ENTRIES.
QW0203LN	HEX	2	LENGTH OF QW0203PA. THIS VALUE IS A MULTIPLE OF 16 BYTES IF QWHSRN < 91. OTHERWISE, THIS VALUE IS A MULTIPLE OF 128 BYTES.
QW0203PA	CHAR	1	%U THE LOCATION NAMES OF THE PARTICIPANTS IN THIS UNIT OF WORK THAT WERE ACCESSED DIRECTLY BY THIS DB2 SUBSYSTEM. IF QW0203LO IS THE LOCATION NAME OF A PARTICIPANT, THAT LOCATION NAME IS NOT REPEATED HERE. IF

			QW0203PA_NUM<>0, AT LEAST ONE OF THESE NAMES IS TRUNCATED.
--	--	--	--

Secondary segment: **SMF102_QW0204**

Field Name	Type	Len	Description
<i>SMF102_QW0204.<fieldname></i>			
QW0204LO	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR %U IP ADDRESS (NNN.NNN.NNN.NNN) OF THE REMOTE PARTNER %U THAT PERFORMED A COLD START. %U IF QW0204LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0204OL	HEX	2	LENGTH OF THE COLD-STARTING PARTNER'S OLD RECOVERY LOG NAME (1-64 BYTES).
QW0204OR	HEX	64	PARTNER'S OLD RECOVERY LOG NAME (NAME BEFORE COLD START).
QW0204NL	HEX	2	LENGTH OF THE PARTNER'S NEW RECOVERY LOG NAME (1-64 BYTES).
QW0204NR	HEX	64	PARTNER'S NEW RECOVERY LOG NAME (NAME AFTER COLD START).
QW0204TL	HEX	2	THE LENGTH OF QW0204TH, WHICH MUST BE A MULTIPLE OF 40 BYTES.
QW0204TH	CHAR	40	INFORMATION FOR THE AFFECTED THREADS. THIS CAN BE A REPEATING GROUP. COMPONENTS ARE:
QW0204NT	CHAR	8	THE NETID PORTION OF THE LUWID.
QW0204LU	CHAR	8	THE LUNAME PORTION OF THE LUWID.
QW0204IN	HEX	6	THE INSTANCE NUMBER PORTION OF THE LUWID.
QW0204CM	HEX	2	THE LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0204TK	HEX	4	THE LOCAL TOKEN REPRESENTING THE LUWID.
QW0204UR	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.
QW0204RL	CHAR	1	THE ROLE OF DB2 IN THE LUW:
QW0204TS	CHAR	1	THE STATUS OF THE LOCAL DB2 THREAD:
QW0204LO_Off	INT	2	IF QW0204LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0204 TO QW0204LO_LEN.

Secondary segment: **SMF102_QW0205**

Field Name	Type	Len	Description
<i>SMF102_QW0205.<fieldname></i>			
QW0205LO	CHAR	16	%U THE LOCATION NAME OR <LUNAME> OF THE REMOTE PARTNER %U THAT HAD THE WARM START. %U IF QW0205LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0205OL	HEX	2	LENGTH OF THE LOCAL DB2 SUBSYSTEM'S RECOVERY LOG NAME. THIS FIELD CONTAINS ZERO UNLESS THE PARTNER INITIATED THE EXCHANGE OF LOG NAMES.
QW0205OR	HEX	64	THE LOCAL DB2 SUBSYSTEM'S RECOVERY LOG NAME. THIS FIELD IS BLANK UNLESS THE PARTNER INITIATED THE EXCHANGE OF LOG NAMES.
QW0205NL	HEX	2	LENGTH OF THE LOCAL DB2 SUBSYSTEM'S RECOVERY LOG NAME AS REMEMBERED BY THE PARTNER. THIS FIELD CONTAINS ZERO

			UNLESS THE PARTNER INITIATED THE EXCHANGE OF LOG NAMES.
QW0205NR	HEX	64	THE LOCAL DB2 SUBSYSTEM'S RECOVERY LOG NAME AS REMEMBERED BY THE PARTNER. THIS FIELD IS BLANK UNLESS THE PARTNER INITIATED THE EXCHANGE OF LOG NAMES.
QW0205WL	HEX	2	LENGTH OF THE WARM-STARTING PARTNER'S RECOVERY LOG NAME (1-64 BYTES).
QW0205WR	HEX	64	PARTNER'S WARM START RECOVERY LOG NAME.
QW0205PL	HEX	2	LENGTH OF THE WARM-STARTING PARTNER'S PREVIOUS RECOVERY LOG NAME (THE LOG DB2 REQUIRES FOR RESYNCHRONIZATION).
QW0205PR	HEX	64	PARTNER'S PREVIOUS RECOVERY LOG NAME.
QW0205DP	CHAR	2	PROTOCOL USED PREVIOUSLY AS REMEMBERED BY DB2: 'PA' MEANS PRESUMED ABORT PROTOCOL. 'PN' MEANS PRESUMED NOTHING PROTOCOL.
QW0205PP	CHAR	2	PROTOCOL USED PREVIOUSLY AS REMEMBERED BY THE PARTNER:
QW0205DF	CHAR	1	HOW SNA PRESENTATION SERVICES (PS) HEADER BYTE TWO WAS USED PREVIOUSLY, AS REMEMBERED BY DB2: 'F' MEANS PS HEADER BYTE TWO WAS USED AS A FLAG BYTE. 'N' MEANS PS HEADER BYTE TWO WAS NOT USED AS A FLAG BYTE.
QW0205PF	CHAR	1	HOW SNA PRESENTATION SERVICES (PS) HEADER BYTE TWO WAS USED PREVIOUSLY, AS REMEMBERED BY THE PARTNER:
QW0205DC	CHAR	1	WHETHER THE LUNAME OF THE CONVERSATION CORRELATOR WAS EXCHANGED IN THE SYNC POINT PROTOCOL PREVIOUSLY (AS REMEMBERED BY DB2): 'E' MEANS THE LUNAME WAS EXCHANGED IN THE PROTOCOL. 'N' MEANS THE LUNAME WAS NOT EXCHANGED IN THE PROTOCOL.
QW0205PC	CHAR	1	WHETHER THE LUNAME OF THE CONVERSATION CORRELATOR WAS EXCHANGED IN THE SYNC POINT PROTOCOL PREVIOUSLY (AS REMEMBERED BY THE PARTNER):
QW0205LO_Off	INT	2	IF QW0205LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0205 TO QW0205LO_LEN.

Secondary segment: **SMF102_QW0206**

Field Name	Type	Len	Description
<i>SMF102_QW0206.<fieldname></i>			
QW0206LO	CHAR	16	%U THE LOCATION NAME OR <LUNAME> OF THE REMOTE PARTNER %U INVOLVED IN THE PROTOCOL ERROR. %U IF QW0206LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0206TH	CHAR	48	INFORMATION ASSOCIATED WITH THE THREAD THAT WAS INVOLVED IN THE ERROR:
QW0206DI	CHAR	12	(S) DIAGNOSTIC INFORMATION ABOUT THE ERROR.
QW0206NT	CHAR	8	THE NETID PORTION OF THE LUWID.
QW0206LU	CHAR	8	THE LUNAME PORTION OF THE LUWID.
QW0206IN	HEX	6	THE INSTANCE NUMBER PORTION OF THE LUWID.
QW0206CM	HEX	2	THE LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0206TK	HEX	4	THE LOCAL TOKEN REPRESENTING THE LUWID.
QW0206RL	CHAR	1	THE ROLE OF DB2 IN THE LUW:
QW0206DT	CHAR	1	WHICH SITE DETECTED THE ERROR:
QW0206DC	CHAR	742	DATA COMMUNICATIONS INFORMATION:
QW0206FL	HEX	1	FLAGS:

QW0206PV	HEX	1	(S) PROTOCOL VIOLATION ID. A PROTOCOL VIOLATION WAS DETECTED WHILE PROCESSING A SNA PS_HDR.
QW0206LS	HEX	2	THE LENGTH OF THE LAST MESSAGE SENT BY THIS DB2 SITE DURING THE COMPARE STATES EXCHANGE.
QW0206MS	CHAR	256	THE LAST MESSAGE SENT BY THIS DB2 SITE DURING THE COMPARE STATES EXCHANGE.
QW0206LR	HEX	2	THE LENGTH OF THE LAST MESSAGE RECEIVED BY THIS DB2 SITE DURING THE COMPARE STATES EXCHANGE.
QW0206MR	CHAR	256	THE LAST MESSAGE RECEIVED BY THIS DB2 SITE DURING THE COMPARE STATES EXCHANGE.
QW0206VR	CHAR	112	THE VTAM REQUEST PARAMETER LIST (RPL) ASSOCIATED WITH THE LAST COMPARE STATES MESSAGE RECEIVED DURING THE COMPARE STATES EXCHANGE.
QW0206VX	CHAR	112	THE VTAM RPL EXTENSION (ISTRPL6X), WHICH DESCRIBES THE LU 6.2 VERB INDICATORS FOR THE LAST MESSAGE RECEIVED.
QW0206LO_Off	INT	2	IF QW0206LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0206 TO QW0206LO_LEN.
QW0206UR	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.

Secondary segment: **SMF102_QW0207**

Field Name	Type	Len	Description
<i>SMF102_QW0207.<fieldname></i>			
QW0207HN	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR IP ADDRESS %U (NNN.NNN.NNN.NNN) OF THE SITE WHERE THE HEURISTIC %U DAMAGE OCCURRED. %U IF QW0207HN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0207TN	CHAR	16	%U THE LOCATION NAME OF THIS SITE (THE SITE WRITING THE %U IFCID 0207 TRACE RECORD). %U IF QW0207TN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0207UN	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR IP ADDRESS %U (NNN.NNN.NNN.NNN) OF THE UPSTREAM COORDINATOR %U OF THIS SITE (THE SITE WRITING THE 0207 TRACE RECORD). %U THIS FIELD IS BLANK IF THIS SITE HAS NO UPSTREAM %U COORDINATOR. %U IF QW0207UN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0207CO	CHAR	8	CONNECTION NAME: FOR ALLIED THREADS: THIS FIELD CONTAINS THE CONNECTION NAME OF THE ALLIED FIELD. FOR DATABASE ACCESS AGENTS: FOR ALLIED THREADS FROM A DB2 REQUESTER, THIS FIELD CONTAINS THE CONNECTION NAME OF THE ALLIED THREAD AT THE DB2 REQUESTING LOCATION. FOR ALLIED THREADS FROM A NON-DB2 REQUESTER OR FROM A DATABASE ACCESS AGENT AT ANOTHER DB2, THIS FIELD CONTAINS THE CONSTANT 'SERVER'.
QW0207LW	CHAR	24	THE LUWID SUBFIELDS FOR THE UNIT OF WORK:
QW0207NT	CHAR	8	THE NETID PORTION OF THE LUWID.
QW0207LU	CHAR	8	THE LUNAME PORTION OF THE LUWID.
QW0207IN	HEX	6	THE INSTANCE NUMBER PORTION OF THE LUWID.
QW0207CM	HEX	2	THE LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0207TK	HEX	4	THE LOCAL TOKEN REPRESENTING THE LUWID.
QW0207RL	CHAR	1	THE ROLE OF THIS DB2 IN THE LUW:
QW0207HA	CHAR	1	THE ACTION TAKEN BY THE SITE WITH THE HEURISTIC DAMAGE (SEE QW0207HN FOR THE NAME OF THE SITE): 'C' MEANS THE SITE COMMITTED THE UNIT OF WORK. 'A' MEANS THE SITE ROLLED BACK THE UNIT OF WORK.

QW0207TA	CHAR	1	THE ACTION TAKEN BY THIS SITE (QW0207TN): 'C' MEANS THIS SITE COMMITTED THE UNIT OF WORK. 'A' MEANS THIS SITE ROLLED BACK THE UNIT OF WORK.
QW0207UA	CHAR	1	UPSTREAM SITE'S ACTION (C, A, U, OR ' '). THIS IS THE ACTION TAKEN BY THE UPSTREAM SITE IF THAT SITE EXISTS:
QW0207HL	HEX	2	THE LENGTH OF THE RECOVERY LOG NAME OF THE SITE WITH THE HEURISTIC DAMAGE (THE SITE IN QW0207HN).
QW0207HR	HEX	64	THE RECOVERY LOG NAME OF THE SITE WITH THE HEURISTIC DAMAGE (THE SITE IN QW0207HN). TRAILING BLANKS ARE NOT PART OF THE RECOVERY LOG NAME.
QW0207TL	HEX	2	THE LENGTH OF THE RECOVERY LOG NAME OF THIS SITE (THE SITE IN QW0207TN).
QW0207TR	HEX	8	THE RECOVERY LOG NAME OF THIS SITE (QW0207TN). TRAILING BLANKS ARE NOT PART OF THE RECOVERY LOG NAME.
QW0207UL	HEX	2	THE LENGTH OF THE RECOVERY LOG NAME OF THE UPSTREAM SITE (QW0207UN). THIS FIELD CONTAINS ZERO IF QW0207UA IS BLANK.
QW0207UR	HEX	64	THE RECOVERY LOG NAME OF THE UPSTREAM SITE (QW0207UN). THIS FIELD CONTAINS BINARY ZEROS IF QW0207UA IS BLANK.
QW0207HN_Off	INT	2	IF QW0207HN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0207 TO QW0207HN_LEN.
QW0207TN_Off	INT	2	IF QW0207TN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0207 TO QW0207TN_LEN.
QW0207UN_Off	INT	2	IF QW0207UN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0207 TO QW0207UN_LEN.
QW0207UI	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.

Secondary segment: **SMF102_QW0208**

Field Name	Type	Len	Description
<i>SMF102_QW0208.<fieldname></i>			
QW0208LO	CHAR	16	%U THE LOCATION NAME OR <LUNAME> OF THE REMOTE PARTNER %U INVOLVED IN THE PROTOCOL ERROR. %U IF QW0208LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0208TH	CHAR	40	INFORMATION ASSOCIATED WITH THE THREAD THAT WAS INVOLVED IN THE ERROR:
QW0208NT	CHAR	8	THE NETID PORTION OF THE LUWID.
QW0208LU	CHAR	8	THE LUNAME PORTION OF THE LUWID.
QW0208IN	HEX	6	THE INSTANCE NUMBER PORTION OF THE LUWID.
QW0208CM	HEX	2	THE LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0208TK	HEX	4	THE LOCAL TOKEN REPRESENTING THE LUWID.
QW0208RL	CHAR	1	THE ROLE OF DB2 IN THE LUW:
QW0208DT	CHAR	1	WHICH SITE DETECTED THE ERROR:
QW0208TS	CHAR	1	THE STATUS OF THE LOCAL DB2 THREAD:
QW0208PS	CHAR	1	THE ASSUMED STATUS OF THE REMOTE THREAD:
QW0208DC	CHAR	742	DATA COMMUNICATIONS INFORMATION:
QW0208FL	HEX	1	FLAGS:
QW0208PV	HEX	1	(S) PROTOCOL VIOLATION ID. A PROTOCOL VIOLATION WAS DETECTED WHILE PROCESSING A SNA PS_HDR.
QW0208LS	HEX	2	

			THE LENGTH OF THE LAST MESSAGE SENT BY THIS DB2 SITE DURING SYNC POINT PROCESSING.
QW0208MS	CHAR	256	THE LAST MESSAGE SENT BY THIS DB2 SITE DURING SYNC POINT PROCESSING.
QW0208LR	HEX	2	THE LENGTH OF THE LAST MESSAGE RECEIVED BY THIS DB2 SITE DURING SYNC POINT PROCESSING.
QW0208MR	CHAR	256	THE LAST MESSAGE RECEIVED BY THIS DB2 SITE DURING SYNC POINT PROCESSING.
QW0208VR	CHAR	112	THE VTAM RPL ASSOCIATED WITH THE LAST MESSAGE RECEIVED DURING SYNC POINT PROCESSING.
QW0208VX	CHAR	112	THE VTAM RPL EXTENSION (ISTRPL6X), WHICH DESCRIBES THE LU 6.2 VERB INDICATORS FOR THE LAST MESSAGE RECEIVED.
QW0208LO_Off	INT	2	IF QW0208LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0208 TO QW0208LO_LEN.
QW0208UR	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.

Secondary segment: **SMF102_QW0209**

Field Name	Type	Len	Description
<i>SMF102_QW0209.<fieldname></i>			
QW0209LO	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR %U IP ADDRESS (NNN.NNN.NNN.NNN) OF THE REMOTE PARTNER %U INVOLVED IN THE COMMUNICATION ERROR. %U IF QW0209LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0209TH	CHAR	38	INFORMATION ASSOCIATED WITH THE THREAD THAT WAS INVOLVED IN THE FAILURE:
QW0209NT	CHAR	8	THE NETID PORTION OF THE LUWID.
QW0209LU	CHAR	8	THE LUNAME PORTION OF THE LUWID.
QW0209IN	HEX	6	THE INSTANCE NUMBER PORTION OF THE LUWID.
QW0209CM	HEX	2	THE LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0209TK	HEX	4	THE LOCAL TOKEN REPRESENTING THE LUWID.
QW0209RL	CHAR	1	THE ROLE OF DB2 IN THE LUW:
QW0209TS	CHAR	1	THE STATUS OF THE LOCAL DB2 THREAD:
QW0209LO_Off	INT	2	IF QW0209LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0209 TO QW0209LO_LEN.
QW0209UR	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.

Secondary segment: **SMF102_QW0210**

Field Name	Type	Len	Description
<i>SMF102_QW0210.<fieldname></i>			
QW0210LO	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR %U IP ADDRESS (NNN.NNN.NNN.NNN) OF THE REMOTE PARTNER %U THAT SENT THE WARM START INDICATION. %U IF QW0210LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0210WL	HEX	2	THE LENGTH OF THE PARTNER'S RECOVERY LOG NAME THAT WAS USED IN THE WARM START (1-64 BYTES).
QW0210WR	HEX	64	PARTNER'S WARM START RECOVERY LOG NAME.

QW0210PL	HEX	2	LENGTH OF THE PARTNER'S PREVIOUS RECOVERY LOG NAME.
QW0210PR	HEX	64	PARTNER'S PREVIOUS RECOVERY LOG NAME. THIS IS THE LOG THAT DB2 REQUIRES FOR RESYNCHRONIZATION.
QW0210LO_Off	INT	2	IF QW0210LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0210 TO QW0210LO_LEN.

Secondary segment: **SMF102_QW0211**

Field Name	Type	Len	Description
<i>SMF102_QW0211.<fieldname></i>			
QW0211RN	CHAR	6	CLAIM RESOURCE NAME.
QW0211DB	HEX	2	DATABASE IDENTIFIER OF THE OBJECT OF THE CLAIM REQUEST. THIS FIELD CONTAINS ZERO IF THE REQUEST IS FOR A RELEASE OF ALL CLAIMS.
QW0211PS	HEX	2	PAGE SET IDENTIFIER OF THE OBJECT OF THE CLAIM REQUEST. THIS FIELD CONTAINS ZERO IF THE REQUEST IS FOR A RELEASE OF ALL CLAIMS.
QW0211PT	HEX	2	PARTITION NUMBER OF THE OBJECT OF THE CLAIM REQUEST. THIS FIELD CONTAINS ZEROS IF ONE OF THE FOLLOWING IS TRUE -THE OBJECT IS A NONPARTITIONED TABLE SPACE. -THE OBJECT IS A NONPARTITIONED INDEX, AND THE CLAIM REQUEST IS AT THE PAGE SET LEVEL AND NOT THE LOGICAL PARTITION LEVEL. -THE OBJECT IS A PARTITIONED TABLE SPACE, AND THE CLAIM REQUEST IS AT THE TABLE SPACE LEVEL AND NOT THE PARTITION LEVEL.
QW0211RQ	CHAR	1	REQUEST TYPE:
QW0211CC	CHAR	1	CLAIM CLASS:
QW0211DU	CHAR	1	DURATION OF THE CLAIM:
QW0211RC	HEX	1	THE RESULT OF THE CLAIM REQUEST:
QW0211RS	INT	4	THE REASON FOR THE UNSUCCESSFUL CLAIM:

Secondary segment: **SMF102_QW0212**

Field Name	Type	Len	Description
<i>SMF102_QW0212.<fieldname></i>			
QW0212RN	CHAR	6	NAME OF THE RESOURCE BEING DRAINED:
QW0212DB	HEX	2	DATABASE IDENTIFIER OF THE OBJECT OF THE DRAIN REQUEST. THIS FIELD CONTAINS ZERO IF THE REQUEST IS FOR A RELEASE OF ALL DRAINS.
QW0212PS	HEX	2	PAGE SET IDENTIFIER OF THE OBJECT OF THE DRAIN REQUEST. THIS FIELD CONTAINS ZERO IF THE REQUEST IS FOR A RELEASE OF ALL DRAINS.
QW0212PT	HEX	2	PARTITION NUMBER OF THE OBJECT OF THE DRAIN REQUEST. THIS FIELD CONTAINS ZEROS IF ONE OF THE FOLLOWING IS TRUE -THE OBJECT IS A NONPARTITIONED TABLE SPACE. -THE OBJECT IS A NONPARTITIONED INDEX, AND THE DRAIN REQUEST IS AT THE PAGE SET LEVEL AND NOT THE LOGICAL PARTITION LEVEL. -THE OBJECT IS A PARTITIONED TABLE SPACE, AND THE DRAIN REQUEST IS AT THE TABLE SPACE LEVEL AND NOT THE PARTITION LEVEL.
QW0212RQ	CHAR	1	REQUEST TYPE:
QW0212CC	CHAR	1	CLAIM CLASS:
QW0212MO	CHAR	1	MODE OF THE DRAIN LOCK REQUESTED:

QW0212RC	HEX	1	THE RESULT OF THE DRAIN REQUEST:
QW0212RS	INT	4	THE REASON FOR THE UNSUCCESSFUL DRAIN:

Secondary segment: **SMF102_QW0213**

Field Name	Type	Len	Description
<i>SMF102_QW0213.<fieldname></i>			
QW0213LH	HEX	4	LOCKED RESOURCE NAME HASH VALUE.
QW0213LK	CHAR	32	LOCK NAME, WHICH IS COMPOSED OF QW0213KL, QW0213KQ, QW0213KT, QW0213DB, QW0213PS, AND QW0213PT.
QW0213KL	INT	1	LENGTH OF THE LOCK NAME.
QW0213KQ	CHAR	2	LOCK QUALIFIER.
QW0213KT	HEX	1	TYPE OF LOCK RESOURCE:
QW0213RN	CHAR	28	NAME OF THE LOCKED RESOURCE COMPOSED OF:
QW0213DB	HEX	2	DATABASE IDENTIFIER OF THE OBJECT OF THE LOCK REQUEST.
QW0213PS	HEX	2	PAGE SET IDENTIFIER OF THE OBJECT OF THE LOCK REQUEST.
QW0213PT	HEX	4	PARTITION NUMBER OF THE OBJECT OF THE LOCK REQUEST. THIS FIELD CONTAINS ZEROS IF ONE OF THE FOLLOWING IS TRUE -THE OBJECT IS A NONPARTITIONED TABLE SPACE. -THE OBJECT IS A NONPARTITIONED INDEX, AND THE LOCK REQUEST IS AT THE PAGE SET LEVEL AND NOT THE LOGICAL PARTITION LEVEL. -THE OBJECT IS A PARTITIONED TABLE SPACE, AND THE LOCK REQUEST IS AT THE TABLE SPACE LEVEL AND NOT THE PARTITION LEVEL.
QW0213FC	HEX	1	IRLM FUNCTION CODE:
QW0213ST	HEX	1	LOCK STATE OF THE THREAD HOLDING THE RESOURCE:
QW0213DR	HEX	1	LOCK DURATION OF THE THREAD HOLDING THE RESOURCE: LOCK DURATION VALUES ARE DESCRIBED IN FIELD QW0021DR IN IFCID 0021.
QW0213FL	HEX	1	(S) REQUEST TYPE OR MODE:
QW0213WS	CHAR	2	REASON FOR THE SUSPEND:

Secondary segment: **SMF102_QW0214**

Field Name	Type	Len	Description
<i>SMF102_QW0214.<fieldname></i>			
QW0214R	CHAR	1	THE REASON FOR THE RESUME:
QW0214SR	HEX	1	REASON FOR THE SUSPEND. THERE MIGHT BE MULTIPLE REASONS FOR THE SUSPEND. FOR EXAMPLE, THE INITIAL REASON MIGHT BE LATCH CONTENTION. THIS MIGHT BE FOLLOWED BY LOCAL RESOURCE CONTENTION AND THEN GLOBAL CONTENTION. FIELDS QW0214W1 THROUGH QW0214W8 ARE CONSTANTS FOR QW0214SR.
QW0214XR	HEX	1	EXTENT OF GLOBAL CONTENTION. THIS FIELD IS USED ONLY IF QW0214W5 IS ON. FIELDS QW0214X1 THROUGH QW0214X8 ARE CONSTANTS FOR QW0214XR.

Secondary segment: SMF102_QW0215

Field Name	Type	Len	Description
<i>SMF102_QW0215.<fieldname></i>			
QW0215RN	CHAR	6	NAME OF THE RESOURCE TO BE DRAINED.
QW0215DB	HEX	2	DATABASE IDENTIFIER OF THE OBJECT OF THE DRAIN REQUEST.
QW0215PS	HEX	2	PAGE SET IDENTIFIER OF THE OBJECT OF THE DRAIN REQUEST.
QW0215PT	HEX	2	PARTITION NUMBER OF THE OBJECT OF THE DRAIN REQUEST. THIS FIELD CONTAINS ZEROS IF ONE OF THE FOLLOWING IS TRUE -THE OBJECT IS A NONPARTITIONED TABLE SPACE. -THE OBJECT IS A NONPARTITIONED INDEX, AND THE DRAIN REQUEST IS AT THE PAGE SET LEVEL AND NOT THE LOGICAL PARTITION LEVEL. -THE OBJECT IS A PARTITIONED TABLE SPACE, AND THE DRAIN REQUEST IS AT THE TABLE SPACE LEVEL AND NOT THE PARTITION LEVEL.
QW0215CC	CHAR	1	CLAIM CLASS:
QW0215CT	HEX	16	NUMBER OF CLAIMS HELD ON THIS RESOURCE.

Secondary segment: SMF102_QW0216

Field Name	Type	Len	Description
<i>SMF102_QW0216.<fieldname></i>			
QW0216RN	CHAR	6	NAME OF THE DRAINED RESOURCE:
QW0216DB	HEX	2	DATABASE IDENTIFIER OF THE OBJECT OF THE DRAIN REQUEST.
QW0216PS	HEX	2	PAGE SET IDENTIFIER OF THE OBJECT OF THE DRAIN REQUEST.
QW0216PT	HEX	2	PARTITION NUMBER OF THE OBJECT OF THE DRAIN REQUEST. THIS FIELD CONTAINS ZEROS IF ONE OF THE FOLLOWING IS TRUE -THE OBJECT IS A NONPARTITIONED TABLE SPACE. -THE OBJECT IS A NONPARTITIONED INDEX, AND THE DRAIN REQUEST IS AT THE PAGE SET LEVEL AND NOT THE LOGICAL PARTITION LEVEL. -THE OBJECT IS A PARTITIONED TABLE SPACE, AND THE DRAIN REQUEST IS AT THE TABLE SPACE LEVEL AND NOT THE PARTITION LEVEL.
QW0216CC	CHAR	1	CLAIM CLASS:
QW0216R	CHAR	1	THE REASON FOR THE RESUME:

Secondary segment: SMF102_QW0217

Field Name	Type	Len	Description
<i>SMF102_QW0217.<fieldname></i>			
QW0217TK	INT	4	(S)

Secondary segment: SMF102_QW02172

Field Name	Type	Len	Description
<i>SMF102_QW02172.<fieldname></i>			
QW0217PH	HEX	8	(S) PHB POINTER.
QW0217ST	FLOAT	8	TOTAL STORAGE IN THE POOL.

QW0217CL	HEX	1	STORAGE CLASS: <= 10: 31-BIT ECSA 11-19: 31-BIT PRIVATE 20: 64-BIT PRIVATE 21: 64-BIT SHARED 30: 64-BIT COMMON
QW0217BP	HEX	1	z/OS SUBPOOL (APPLIES TO 31-BIT STORAGE ONLY).
QW0217FL	HEX	1	FLAGS:
QW0217AS	INT	2	OWNING ASID.
QW0217DE	CHAR	24	STORAGE POOL DESCRIPTION.
QW02172N	CHAR	1	

Secondary segment: **SMF102_QW02173**

Field Name	Type	Len	Description
<i>SMF102_QW02173.<fieldname></i>			
QW02173H	HEX	8	(S)
QW02173T	FLOAT	8	TOTAL STORAGE IN THE POOL.
QW02173L	HEX	1	STORAGE CLASS: <= 10: 31-BIT ECSA 11-19: 31-BIT PRIVATE 20: 64-BIT PRIVATE 21: 64-BIT SHARED 30: 64-BIT COMMON
QW02173P	HEX	1	z/OS SUBPOOL (APPLIES TO 31-BIT STORAGE ONLY).
QW02173F	HEX	1	FLAGS:
QW0217AL	INT	2	OWNING ASID.
QW02173C	HEX	8	(S) CT POINTER.
QW0217QR	CHAR	12	CORRELATION ID.
QW0217QN	CHAR	8	CONNECTION NAME.
QW0217QP	CHAR	8	PLAN NAME.
QW0217QD	CHAR	16	END USER'S USER ID AT THE USER'S WORKSTATION.
QW0217QX	CHAR	32	END USER'S TRANSACTION NAME.
QW0217QW	CHAR	18	END USER'S WORKSTATION NAME.
QW0217QA	CHAR	24	%U AUTHORIZATION ID.
QW02173N	CHAR	1	

Secondary segment: **SMF102_QW02174**

Field Name	Type	Len	Description
<i>SMF102_QW02174.<fieldname></i>			
QW02174_PNM	CHAR	8	POOL NAME.
QW02174_CSEG	INT	4	CURRENT NUMBER OF SEGMENTS.
QW02174_HSEG	INT	4	HIGH NUMBER OF SEGMENTS.
QW02174_PEX	INT	4	NUMBER OF POOL EXPANSIONS.
QW02174_PCM	INT	4	NUMBER OF POOL COMPRESSIONS.
QW02174_FLG1	HEX	1	FLAGS:
QW02174N	CHAR	1	

Secondary segment: SMF102_QW0218

Field Name	Type	Len	Description
<i>SMF102_QW0218.<fieldname></i>			
QW0218CT	CHAR	1	WHETHER LOCK AVOIDANCE TECHNIQUES WERE USED DURING THIS UNIT OF WORK.
QW0218N	INT	2	NUMBER OF PAGE SET SUBRECORDS. FIELDS QW0218P, QW0218PD, QW0218PP, AND QW0218PC ARE REPEATED FOR EACH PAGE SET, SHOWING WHETHER OR NOT LOCK AVOIDANCE TECHNIQUES WERE USED.
QW0218P	CHAR	5	TABLE SPACE SUBRECORD.
QW0218PD	CHAR	2	DATABASE ID OF THE DATABASE TO WHICH THE TABLE SPACE BELONGS.
QW0218PP	CHAR	2	PAGE SET ID (THE OBID).
QW0218PC	CHAR	1	WHETHER LOCK AVOIDANCE TECHNIQUES WERE USED FOR THIS PAGE SET DURING THIS UNIT OF WORK. 'Y' - YES, THEY WERE USED. 'N' - NO, THEY WERE NOT USED.

Secondary segment: SMF102_QW0219

Field Name	Type	Len	Description
<i>SMF102_QW0219.<fieldname></i>			
QW0219LN	CHAR	18	LISTDEF NAME.
QW0219LT	CHAR	1	LISTDEF TYPE:
QW0219LS	INT	4	LIST SIZE IN BYTES.

Secondary segment: SMF102_QW0220

Field Name	Type	Len	Description
<i>SMF102_QW0220.<fieldname></i>			
QW0220DD	CHAR	8	DDNAME, PADDED WITH BLANKS.
QW0220DN	CHAR	44	DATA SET NAME, PADDED WITH BLANKS.
QW0220TN	CHAR	8	TEMPLATE NAME, IF A TEMPLATE IS USED.
QW0220RD	INT	4	NUMBER OF READS OF THE DATA SET.
QW0220WR	INT	4	NUMBER OF WRITES TO THE DATA SET.
QW0220CH	INT	4	NUMBER OF TIMES THE CHECK MACRO WAS INVOKED FOR THE DATA SET.
QW0220EV	INT	4	NUMBER OF TIMES THAT AN END-OF-VOLUME CONDITION OCCURRED DURING A WRITE TO THE DATA SET.
QW0220WT	INT	4	I/O WAIT TIME, IN MILLISECONDS, FOR THE DATA SET.
QW0220OT	CHAR	10	TIMESTAMP WHEN THE DATA SET WAS FIRST OPENED FOR OUTPUT.
QW0220DT	CHAR	1	DEVICE TYPE ON WHICH THE DATA SET RESIDES:

Secondary segment: **SMF102_QW0221**

Field Name	Type	Len	Description
SMF102_QW0221.<fieldname>			
QW0221LN	CHAR	16	%U LOCATION NAME (OR RDB_NAME). %U IF QW0221LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0221PC	CHAR	18	%U PACKAGE COLLECTION-ID. %U IF QW0221PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0221PN	CHAR	18	%U PROGRAM NAME. %U IF QW0221PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0221TS	TSTMP	8	TIMESTAMP (CONSISTENCY TOKEN).
QW0221SN	INT	4	STATEMENT NUMBER.
QW0221QN	INT	2	QUERY BLOCK NUMBER.
QW0221GN	INT	2	PARALLEL GROUP NUMBER.
QW0221PD	INT	2	PLANNED DEGREE OF PARALLEL PROCESSING AT BIND TIME. PARALLEL PROCESSING DECISIONS ARE MADE AT BIND TIME. HOWEVER, THIS FIELD CONTAINS ZEROS IF THE STATEMENT HAS HOST VARIABLES. HOST VARIABLES CAUSE THE PARALLEL PROCESSING DECISION TO BE MADE AT RUN TIME (SEE QW0221RD).
QW0221RD	INT	2	PLANNED DEGREE OF PARALLEL PROCESSING AT RUN TIME. THE VALUE IN THIS FIELD MIGHT BE DIFFERENT FROM THE VALUE IN QW0221PD BECAUSE OF THE FOLLOWING: - HOST VARIABLES. - NO ESA SORT SUPPORT. - CURSOR IS UPDATEABLE OR DELETEABLE. - PARALLEL GROUP IS EMPTY. SEE QW0221RN FOR THE EXACT REASON.
QW0221AD	INT	2	DEGREE OF PARALLELLISM AT RUN TIME AFTER RESOURCE NEGOTIATION. THIS IS DEPENDENT ON THE AVAILABILITY OF THE RESOURCE. THIS NUMBER INDICATES HOW MANY QW0221D SECTIONS EXIST IN THIS SERIES OF QW0221 RECORDS. HOWEVER, WHEN QW0221AD=1, THEN NO QW0221D SECTION IS WRITTEN, BECAUSE THE PLAN FOR PARALLEL PROCESSING FELL BACK TO SEQUENTIAL EXECUTION MODE.
QW0221NR	INT	2	NUMBER OF QW0221 RECORDS THAT TOGETHER COMPLETE THIS SERIES OF QW0221 RECORDS. (FOR EXAMPLE, THERE COULD BE FOUR RECORDS THAT COMPLETE THIS QW0221 SERIES.)
QW0221TR	INT	2	NUMBER OF THIS PARTICULAR QW0221 RECORD IN THE SERIES OF QW0221 RECORDS. (FOR EXAMPLE, THIS MIGHT BE THE FIRST OF THE FOUR RECORDS THAT COMPLETE THE QW0221 SERIES.)
QW0221RN	CHAR	1	REASON FOR DERIVING THE PLANNED DEGREE OF PARALLEL PROCESSING AT RUN TIME (AS SHOWN IN QW0221RD):
QW0221MO	CHAR	1	TYPE OF RESOURCE EXPLOITATION:
QW0221XC	HEX	4	NUMBER OF MEMBERS ON WHICH A QUERY EXECUTED.
QW0221N	INT	2	NUMBER OF REPEATING DATA SECTIONS IN THIS TRACE RECORD
QW0221TP	CHAR	1	TYPE OF REPEATING DATA SECTIONS IN THIS TRACE RECORD
QW0221ZZ	CHAR	1	TYPE OF PARTITION FOR LOW AND HIGH PAGES IN THE PARTITION RANGE:
QW0221LN_Off	INT	2	IF QW0221LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0221 TO QW0221LN_LEN.
QW0221PC_Off	INT	2	IF QW0221PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0221 TO QW0221PC_LEN.
QW0221PN_Off	INT	2	IF QW0221PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0221 TO QW0221PN_LEN.
QW0221STOLEV	INT	4	(S) PARALLEL SYSTEM NEGOTIATION LEVEL.
QW0221STOMAP	INT	4	(S) BIT MAP FOR PARALLEL SYSTEM NEGOTIATION CALCULATIONS.

Secondary segment: SMF102_QW0221D

Field Name	Type	Len	Description
<i>SMF102_QW0221D.<fieldname></i>			
QW0221PLPART	INT	2	THE LOWEST PAGE NUMBER IN THE PARTITION.
QW0221PL4	HEX	4	THE LOWEST PAGE NUMBER IN THE PAGE RANGE.
QW0221PHPART	INT	2	THE PARTITION NUMBER OF THE HIGHEST PAGE.
QW0221PH4	HEX	4	THE HIGHEST PAGE NUMBER IN THE PAGE RANGE.
QW0221AN	CHAR	1	STATUS OF THIS PARTITION RANGE:
QW0221KL	HEX	240	THE FIRST 240 BYTES OF THE LOW BOUNDARY KEY RANGE, IF THE PARTITIONING SCHEME IS USING A KEY RANGE (THIS IS THE KEY RANGE ON THE TABLE DEFINITION).
QW0221KH	HEX	240	THE FIRST 240 BYTES OF THE HIGH BOUNDARY KEY RANGE, IF THE PARTITIONING SCHEME IS USING A KEY RANGE. (THIS IS THE KEY RANGE ON THE TABLE DEFINITION.)

Secondary segment: SMF102_QW0221C

Field Name	Type	Len	Description
<i>SMF102_QW0221C.<fieldname></i>			
QW0221CL	INT	2	TOTAL LENGTH OF ALL QW0221CW ENTRIES + 4
QW0221R1	INT	2	RESERVED
QW0221CW	CHAR	8	INDIVIDUAL BPOOL CONSTRAINED ENTRY. SEE QW0221N FOR THE NUMBER OF QW0221CW ENTRIES WHEN QW0221TP='C'
QW0221DB	HEX	2	DBID OF AN OBJECT INVOLVED IN A PARALLEL ACCESS OR JOIN. X'0000' MEANS THIS IS A WORK FILE DBID.
QW0221PS	HEX	2	PSID OF AN OBJECT INVOLVED IN A PARALLEL ACCESS OR JOIN. X'0000' MEANS THIS IS A WORK FILE PSID.
QW0221TY	CHAR	1	TYPE OF PAGE SET:
QW0221BP	HEX	1	BUFFER POOL ID.
QW0221DN	HEX	2	NUMBER OF QW0221CD SECTIONS THAT FOLLOW.

Secondary segment: SMF102_QW0221CD

Field Name	Type	Len	Description
<i>SMF102_QW0221CD.<fieldname></i>			
QW0221DL	INT	2	TOTAL LENGTH OF ALL QW0221CZ ENTRIES + 4
QW0221R2	INT	2	RESERVED
QW0221CZ	CHAR	9	INDIVIDUAL CONSTRAINED DB2 ENTRY. SEE QW0221N FOR THE NUMBER OF QW0221CZ ENTRIES WHEN QW0221TP='E'
QW0221MN	CHAR	8	DB2 MEMBER NAME.
QW0221CS	CHAR	1	WHETHER THE BUFFER POOL IS CONSTRAINED:

Secondary segment: SMF102_QW0222

Field Name	Type	Len	Description
<i>SMF102_QW0222.<fieldname></i>			
QW0222LN	CHAR	16	%U LOCATION NAME (OR RDB_NAME). %U IF QW0222LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0222PC	CHAR	18	%U PACKAGE COLLECTION-ID. %U IF QW0222PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0222PN	CHAR	18	%U PROGRAM NAME (PACKAGE OR DBRM NAME). %U IF QW0222PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0222TS	TSTMP	8	TIMESTAMP (CONSISTENCY TOKEN).
QW0222SN	INT	4	STATEMENT NUMBER. THIS IS THE SAME AS QUERYNO IN PLAN_TABLE, IF PLAN_TABLE EXISTS.
QW0222PR	INT	4	(S) THE CONTENT OF THIS FIELD DEPENDS ON THE VALUE IN QW0222FM, AS FOLLOWS: 0,1: TOTAL NUMBER OF RECORDS PROCESSED. 2,3,4: TOTAL NUMBER OF RECORDS CONSUMED. 5: ACTUAL NUMBER OF OUTPUT WORK FILES.
QW0222QN	INT	2	QUERY BLOCK NUMBER. THIS IS THE SAME AS QBLOCKNO IN PLAN_TABLE, IF PLAN_TABLE EXISTS.
QW0222GN	INT	2	PARALLEL GROUP NUMBER.
QW0222PS	CHAR	10	TIMESTAMP OF PIPE CREATION (IN DB2 TIMESTAMP FORMAT). A PIPE IS THE DATA STRUCTURE THAT IS CREATED WHEN THE MAIN TASK SETS UP FOR PARALLEL PROCESSING. THIS TIME, ALONG WITH QW0222PE, INDICATES HOW MUCH TIME IT TAKES TO SET UP AND PROCESS A QUERY USING PARALLEL PROCESSING.
QW0222PE	CHAR	10	TIMESTAMP OF PIPE TERMINATION (IN DB2 TIMESTAMP FORMAT). THIS IS WHEN ALL PARALLEL PROCESSING FOR THIS TASK ENDS.
QW0222OD	INT	2	(S) ESTIMATED NUMBER OF OUTPUT WORK FILES. THIS FIELD IS VALID IF QW0222FM IS 5.
QW0222CS	INT	2	(S) NUMBER OF TIMES THE PARENT TASK WAS SUSPENDED WHILE WAITING FOR CHILD TASKS. THIS FIELD IS VALID IF QW0222FM IS 2, 3, 4, OR 5.
QW0222FM	INT	2	(S) FIELDS QW02220 THROUGH QW02225 ARE CONSTANTS FOR QW0222FM.
QW0222RN	INT	2	NUMBER OF QW0222SP ENTRIES IN QW0222N IN THIS PHYSICAL TRACE RECORD. TRACE RECORD.
QW0222NR	INT	2	NUMBER OF QW0222SP RECORDS THAT MAKE UP THIS SERIES OF QW0222 RECORDS.
QW0222TR	INT	2	NUMBER OF THIS QW0222 RECORD IN THE SERIES OF QW0222 RECORDS.
QW0222LN_Off	INT	2	IF QW0222LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0222 TO QW0222LN_LEN.
QW0222PC_Off	INT	2	IF QW0222PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0222 TO QW0222PC_LEN.
QW0222PN_Off	INT	2	IF QW0222PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0222 TO QW0222PN_LEN.

Secondary segment: SMF102_QW0222N

Field Name	Type	Len	Description
<i>SMF102_QW0222N.<fieldname></i>			
QW0222NM	CHAR	2	TOTAL LENGTH OF ALL QW0222SP ENTRIES PLUS 4 BYTES.
QW0222RE	CHAR	2	RESERVED.

QW0222SP	CHAR	44	INDIVIDUAL SUBPIPE ENTRY.
QW0222SS	CHAR	10	TIMESTAMP OF SUBPIPE CREATION (IN DB2 TIMESTAMP FORMAT).
QW0222SE	CHAR	10	TIMESTAMP OF SUBPIPE TERMINATION (IN DB2 TIMESTAMP FORMAT).
QW0222SR	INT	4	(S) THE CONTENT OF THIS FIELD DEPENDS ON THE VALUE IN QW0222FM. 0,1: NUMBER OF ROWS PROCESSED. 2,3: NUMBER OF ROWS PRODUCED. 5: NUMBER OF ROWS IN THE INPUT WORK FILE.
QW0222OR	INT	4	(S) NUMBER OF ROWS CONSUMED. THIS FIELD IS VALID ONLY IF QW0222FM IS 2, 3, OR 4.
QW0222CT	INT	4	(S) NUMBER OF TIMES THE CHILD TASK WAS SUSPENDED WHILE WAITING FOR THE PARENT TASK. THIS FIELD IS VALID ONLY IF QW0222FM IS 2, 3, 4, OR 5.
QW0222TK	INT	4	TASK TOKEN ASSOCIATED WITH THIS SUBPIPE.
QW0222SM	CHAR	8	NAME OF THE DB2 MEMBER THAT SUPPLIES THE DATA.

Secondary segment: SMF102_QW0223

Field Name	Type	Len	Description
<i>SMF102_QW0223.<fieldname></i>			
QW0223U	CHAR	8	(S) REQUESTING WORK UNIT ID.
QW0223UA	INT	2	(S)
QW0223UW	INT	2	(S)
QW0223UE	INT	4	(S)
QW0223O	CHAR	8	(S) OWNING WORK UNIT ID.
QW0223OA	INT	2	(S)
QW0223OW	INT	2	(S)
QW0223OC	INT	4	(S)
QW0223CL	HEX	1	(S) THE SUCCESSFUL LOCK AVOIDANCE TECHNIQUE USED.
QW0223KT	HEX	1	RESOURCE TYPE BEING ACCESSED. QW0223L0 THROUGH QW0223MI ARE CONSTANTS FOR QW0223KT.
QW0223RN	CHAR	9	RESOURCE NAME CONSISTING OF QW0223KD AND QW0223KP.
QW0223KD	CHAR	2	DATABASE ID.
QW0223KP	CHAR	2	PAGE SET OBID OR TABLE RECORD OBID.
QW0223KR	CHAR	5	ID OF SMALL RESOURCE FOR A TABLE SPACE THAT IS NOT LARGE. THIS FIELD CONTAINS QW0223K1 AND QW0223K2.
QW0223K1	CHAR	3	PAGE NUMBER FOR A TABLE SPACE THAT IS NOT LARGE.
QW0223K2	HEX	1	RECORD ID (RID) FOR A TABLE SPACE THAN IS NOT LARGE.
QW0223KY	CHAR	5	ID OF SMALL RESOURCE, WHEN THE VALUE OF FIELD QW0223TY IS 'L' OR 'R'. THIS FIELD OVERLAYS QW0223KR AND CONSISTS OF QW0223K4 AND QW0223K5.
QW0223K4	CHAR	4	PAGE NUMBER.
QW0223K5	HEX	1	RECORD ID WITHIN THE PAGE.
QW0223TY	CHAR	1	TYPE OF TABLE SPACE:
QW0223PT	HEX	2	PARTITION NUMBER, FOR A PARTITIONED TABLE SPACE WITH RELATIVE PAGE NUMBERING.

Secondary segment: SMF102_QW0224

Field Name	Type	Len	Description
<i>SMF102_QW0224.<fieldname></i>			
QW0224CL	INT	4	SELECT PROCEDURE BYPASS COLUMN COUNT. THIS IS THE NUMBER OF COLUMNS RETRIEVED BY THE PROCEDURE.
QW0224PN	CHAR	8	%U NAME OF THE PLAN OR PACKAGE THAT CONTAINS THE INVALID %U PROCEDURE. %U IF QW0224PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0224CI	CHAR	18	%U PACKAGE COLLECTION ID IF QW0224PN CONTAINS A PACKAGE NAME %U BLANK IF QW0224PN CONTAINS A PLAN NAME. %U IF QW0224CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0224PN_Off	INT	2	IF QW0224PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0224 TO QW0224PN_LEN.
QW0224CI_Off	INT	2	IF QW0224CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0224 TO QW0224CI_LEN.

Secondary segment: SMF102_QW0225

Field Name	Type	Len	Description
<i>SMF102_QW0225.<fieldname></i>			
QW0225AN	CHAR	4	ADDRESS SPACE NAME (DBM1 OR DIST)
QW0225RG	INT	4	MAXIMUM EXTENDED REGION SIZE.
QW0225LO	INT	4	24-BIT LOW PRIVATE STORAGE.
QW0225HI	INT	4	24-BIT HIGH PRIVATE STORAGE.
QW0225EL	INT	4	31-BIT EXTENDED LOW PRIVATE STORAGE.
QW0225EH	INT	4	31-BIT EXTENDED HIGH PRIVATE STORAGE.
QW0225TP	HEX	4	CURRENT HIGH ADDRESS OF 24-BIT PRIVATE REGION.
QW0225EP	HEX	4	CURRENT HIGH ADDRESS OF 31-BIT PRIVATE REGION.
QW0225CR	INT	4	TOTAL STORAGE RESERVED FOR MUST-COMPLETE OPERATIONS.
QW0225MV	INT	4	TOTAL AMOUNT OF STORAGE FOR z/OS USE.
QW0225SO	INT	4	STORAGE CUSHION WARNING TO CONTRACT.
QW0225GS	INT	4	TOTAL GETMAINED STACK STORAGE.
QW0225SU	INT	4	TOTAL STACK STORAGE IN USE.
QW0225VR	INT	4	TOTAL VARIABLE STORAGE BELOW THE 31-BIT BAR.
QW0225FX	INT	4	TOTAL FIXED STORAGE BELOW THE 31-BIT BAR.
QW0225GM	INT	4	TOTAL GETMAINED STORAGE BELOW THE 31-BIT BAR.
QW0225AV	INT	4	AMOUNT OF AVAILABLE STORAGE.
QW0225SS	INT	4	TOTAL 31-BIT STACK STORAGE THAT IS IN USE FOR SYSTEM AGENTS. THIS VALUE IS A SUBSET OF QW00225SU.
QW0225VA	FLOAT	8	TOTAL VARIABLE STORAGE ABOVE THE 31-BIT BAR.
QW0225FA	FLOAT	8	TOTAL FIXED STORAGE ABOVE THE 31-BIT BAR.
QW0225GA	FLOAT	8	TOTAL GETMAINED STORAGE ABOVE THE 31-BIT BAR.
QW0225SM	FLOAT	8	TOTAL 64-BIT PRIVATE STORAGE FOR STORAGE MANAGER CONTROL STRUCTURES.
QW0225RL	FLOAT	8	NUMBER OF REAL FRAMES THAT ARE IN USE. EACH FRAME IS 4KB.

QW0225AX	FLOAT	8	NUMBER OF AUXILIARY SLOTS THAT ARE IN USE. EACH SLOT IS 4KB.
QW0225HVPagesInReal	FLOAT	8	NUMBER OF REAL 4KB FRAMES CURRENTLY IN USE FOR 64-BIT PRIVATE STORAGE. THIS VALUE ALSO INCLUDES THE NUMBER OF 2GB FRAMES THAT WERE CONVERTED TO 4KB INCREMENTS. (FIELD VALUE IS AVAILABLE IN Z/OS 1.11 OR LATER.)
QW0225HVAuxSlots	FLOAT	8	NUMBER OF 4KB AUXILIARY SLOTS CURRENTLY IN USE FOR 64-BIT PRIVATE STORAGE. THIS VALUE INCLUDES RESERVED AUXILIARY SLOTS FOR PAGES THAT ARE PAGED IN. (FIELD VALUE IS AVAILABLE IN Z/OS 1.11 OR LATER.)
QW0225HVGPagesInReal	FLOAT	8	LARGEST NUMBER OF REAL 4KB FRAMES THAT HAVE BEEN USED SO FAR FOR 64-BIT PRIVATE STORAGE. THIS VALUE INCLUDES RESERVED AUXILIARY SLOTS FOR PAGES THAT ARE PAGED IN. (FIELD VALUE IS AVAILABLE IN Z/OS 1.11 OR LATER.)
QW0225HVGAuxSlots	FLOAT	8	LARGEST NUMBER OF 4KB AUXILIARY SLOTS THAT HAVE BEEN USED SO FAR FOR 64-BIT PRIVATE STORAGE. THIS FIELD INCLUDES RESERVED AUXILIARY SLOTS FOR PAGES THAT ARE PAGED IN. (FIELD VALUE IS AVAILABLE IN Z/OS 1.11 OR LATER.)
QW0225PriStg_Real	FLOAT	8	NUMBER OF REAL 4KB FRAMES IN USE FOR 64-BIT PRIVATE STORAGE. THIS VALUE IS A SUBSET OF QW0225HVPAGESINREAL. IT DOES NOT INCLUDE BUFFER POOL STORAGE. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.)
QW0225PriStg_Aux	FLOAT	8	NUMBER OF 4KB AUXILIARY SLOTS IN USE FOR 64-BIT PRIVATE STORAGE. THIS VALUE DOES NOT INCLUDE BUFFER POOL STORAGE. THIS VALUE INCLUDES ONLY AUXILIARY SLOTS THAT ARE OCCUPIED BY PAGES THAT ARE PAGED OUT. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS,
QW02251FLGS	INT	4	FLAGS:
QW0225HVPagesInReal2G	FLOAT	8	
QW0225PriStg_dpage	FLOAT	8	NUMBER OF PAGES THAT ARE DISCARDED FROM PRIVATE STORAGE THAT ARE ELIGIBLE FOR PAGE STEAL. SUBTRACT THIS FIELD VALUE FROM THE NUMBER OF PRIVATE STORAGE FRAMES THAT ARE CURRENTLY BACKED BY REAL STORAGE AND ARE CHARGED TO DB2 TO OBTAIN THE TRUE REAL STORAGE USAGE AT THE TIME THAT THIS RECORD IS WRITTEN.

Secondary segment: **SMF102_QW02252**

Field Name	Type	Len	Description
<i>SMF102_QW02252.<fieldname></i>			
QW0225AT	INT	4	NUMBER OF ACTIVE THREADS.
QW0225DB	INT	4	NUMBER OF ACTIVE AND DISCONNECTED DBATS.
QW0225CE	INT	4	NUMBER OF CASTOUT ENGINES.
QW0225DW	INT	4	NUMBER OF DEFERRED WRITE ENGINES.
QW0225GW	INT	4	NUMBER OF GROUP BUFFER POOL WRITE ENGINES.
QW0225PF	INT	4	NUMBER OF PREFETCH ENGINES.
QW0225PL	INT	4	NUMBER OF P-LOCK/NOTIFY EXIT ENGINES.
QW0225PT	INT	4	NUMBER OF ACTIVE PARALLEL CHILD THREADS.

Secondary segment: **SMF102_QW02253**

Field Name	Type	Len	Description
SMF102_QW02253.<fieldname>			
QW0225EC	INT	4	EXTENDED CSA SIZE.
QW0225FC	INT	4	TOTAL 31-BIT COMMON FIXED-POOL STORAGE.
QW0225VC	INT	4	TOTAL 31-BIT COMMON VARIABLE-POOL STORAGE.
QW0225GC	INT	4	TOTAL 31-BIT COMMON GETMAINED STORAGE.
QW0225FCG	FLOAT	8	TOTAL 64-BIT COMMON FIXED POOL STORAGE.
QW0225VCG	FLOAT	8	TOTAL 64-BIT COMMON VARIABLE-POOL STORAGE.
QW0225GCG	FLOAT	8	TOTAL 64-BIT COMMON GETMAINED STORAGE.
QW0225SMC	FLOAT	8	TOTAL 64-BIT COMMON STORAGE FOR STORAGE MANAGER CONTROL STRUCTURES.
QW0225SV	FLOAT	8	TOTAL 64-BIT SHARED VARIABLE-POOL STORAGE.
QW0225SF	FLOAT	8	TOTAL 64-BIT SHARED FIXED-POOL STORAGE.
QW0225SG	FLOAT	8	TOTAL 64-BIT SHARED GETMAINED STORAGE.
QW0225SMS	FLOAT	8	TOTAL 64-BIT SHARED STORAGE FOR STORAGE MANAGER CONTROL STRUCTURES.
QW0225GSG_SYS	FLOAT	8	TOTAL 64-BIT SHARED SYSTEM AGENT STACK.
QW0225SUG_SYS	FLOAT	8	TOTAL 64-BIT SHARED SYSTEM AGENT STACK IN USE.
QW0225GSG	FLOAT	8	TOTAL 64-BIT SHARED NON-SYSTEM AGENT STACK.
QW0225SUG	FLOAT	8	TOTAL 64-BIT SHARED NON-SYSTEM AGENT STACK IN USE.
QW02253FLGS	INT	4	FLAGS:
QW0225SHRNMOMB	INT	4	NUMBER OF SHARED MEMORY OBJECTS THAT ARE ALLOCATED FOR THIS Z/OS LPAR
QW0225SHRPAGES	FLOAT	8	NUMBER OF 64-BIT SHARED MEMORY PAGES THAT ARE ALLOCATED FOR THIS Z/OS LPAR. THIS COUNT INCLUDES HIDDEN PAGES.
QW0225SHRBYTES	FLOAT	8	HIGHEST NUMBER OF 64-BIT SHARED BYTES THAT HAVE BEEN ALLOCATED SO FAR FOR THIS Z/OS LPAR.
QW0225SHRINREAL	FLOAT	8	NUMBER OF 64-BIT SHARED PAGES THAT ARE BACKED IN REAL STORAGE (4K PAGES) FOR THIS Z/OS LPAR.
QW0225SHRAUXSLOTS	FLOAT	8	NUMBER OF AUXILIARY SLOTS THAT ARE USED FOR 64-BIT SHARED STORAGE FOR THIS Z/OS LPAR. THIS VALUE INCLUDES RESERVED AUXILIARY SLOTS THAT ARE PAGED IN.
QW0225SHRPAGEINS	FLOAT	8	NUMBER OF 64-BIT SHARED PAGES THAT ARE PAGED IN FROM AUXILIARY STORAGE FOR THIS Z/OS LPAR.
QW0225SHRPAGEOUTS	FLOAT	8	NUMBER OF 64-BIT SHARED PAGES THAT ARE PAGED OUT TO AUXILIARY STORAGE FOR THIS Z/OS LPAR.
QW0225ShrStg_Real	FLOAT	8	NUMBER OF REAL 4KB FRAMES THAT ARE BEING USED FOR 64-BIT SHARED STORAGE. THIS VALUE DOES NOT INCLUDE SHARED STACK STORAGE. THIS VALUE IS RECORDED AT THE SUBSYSTEM LEVEL. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.)
QW0225ShrStg_Aux	FLOAT	8	NUMBER OF 4KB AUXILIARY SLOTS THAT ARE BEING USED FOR 64-BIT SHARED STORAGE. THIS VALUE DOES NOT INCLUDE SHARED STACK STORAGE. THIS VALUE IS RECORDED AT THE SUBSYSTEM LEVEL. THIS VALUE INCLUDES ONLY AUXILIARY SLOTS THAT ARE OCCUPIED BY PAGES THAT ARE PAGED OUT. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.)
QW0225ShrStkStg_Real	FLOAT	8	NUMBER OF REAL 4KB FRAMES THAT ARE BEING USED FOR 64-BIT SHARED STACK STORAGE. THIS VALUE IS RECORDED AT THE SUBSYSTEM LEVEL. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.)

QW0225ShrStkStg_Aux	FLOAT	8	NUMBER OF 4KB AUXILIARY SLOTS THAT ARE BEING USED FOR 64-BIT SHARED STACK STORAGE. THIS VALUE IS RECORDED AT THE SUBSYSTEM LEVEL. THIS VALUE INCLUDES ONLY AUXILIARY SLOTS THAT ARE OCCUPIED BY PAGES THAT ARE PAGED OUT. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.)
QW0225ComStg_Real	FLOAT	8	NUMBER OF REAL 4KB FRAMES THAT ARE BEING USED FOR 64-BIT COMMON STORAGE. THIS VALUE IS RECORDED AT THE SUBSYSTEM LEVEL. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.)
QW0225ComStg_Aux	FLOAT	8	NUMBER OF 4KB AUXILIARY SLOTS THAT ARE BEING USED FOR 64-BIT COMMON STORAGE. THIS VALUE IS RECORDED AT THE SUBSYSTEM LEVEL. THIS VALUE INCLUDES ONLY AUXILIARY SLOTS THAT ARE OCCUPIED BY PAGES THAT ARE PAGED OUT. AUX SLOTS OCCUPIED BY PAGES THAT ARE PAGED OUT. (FIELD VALUE IS AVAILABLE IN Z/OS 1.10, WITH PTFS, OR LATER.) MAINTENANCE.
QW0225ShrStg_dpage	FLOAT	8	NUMBER OF PAGES THAT ARE DISCARDED FROM SHARED STORAGE THAT ARE ELIGIBLE FOR PAGE STEAL. SUBTRACT THIS FIELD VALUE FROM THE NUMBER OF SHARED STORAGE FRAMES THAT ARE CURRENTLY BACKED BY REAL STORAGE AND ARE CHARGED TO DB2 TO OBTAIN THE TRUE REAL STORAGE USAGE AT THE TIME THAT THIS RECORD IS WRITTEN.
QW0225ShrStkStg_dpage	FLOAT	8	
QW0225ComStg_dpage	FLOAT	8	NUMBER OF PAGES THAT ARE DISCARDED FROM HIGH COMMON STORAGE THAT ARE ELIGIBLE FOR PAGE STEAL. SUBTRACT THIS FIELD VALUE FROM THE NUMBER OF HIGH COMMON STORAGE FRAMES THAT ARE CURRENTLY BACKED BY REAL STORAGE AND ARE CHARGED TO DB2 TO OBTAIN THE TRUE REAL STORAGE USAGE AT THE TIME THAT THIS RECORD IS WRITTEN.
QW0225_RS	INT	4	(S)
QW0225_WARN	INT	4	(S)
QW0225_REALAVAIL	INT	4	(S)
QW0225_REALAVAILLO	INT	4	(S)
QW0225_REALAVAILOK	INT	4	(S)
QW0225_ESQAS	INT	4	(S)
QW0225_ESQA_Alloc	INT	4	(S)
QW0225_ESQA_HWM	INT	4	(S)
QW0225_ECSA_Alloc	INT	4	(S)
QW0225_ECSA_HWM	INT	4	(S)
QW0225_ECSA_Conv	INT	4	(S)
QW0225_LMWrite_Real	FLOAT	8	NUMBER OF FRAMES IN REAL STORAGE THAT ARE BEING USED FOR LOG MANAGER WRITE BUFFERS.
QW0225_LMWrite_Aux	FLOAT	8	NUMBER OF AUXILIARY FRAMES THAT ARE BEING USED FOR LOG MANAGER WRITE BUFFERS.
QW0225_LMCtrl_Real	FLOAT	8	NUMBER OF FRAMES IN REAL STORAGE THAT ARE BEING USED FOR LOG MANAGER CONTROL STRUCTURES.
QW0225_LMCtrl_Aux	FLOAT	8	NUMBER OF FRAMES IN AUXILIARY STORAGE THAT ARE BEING USED FOR LOG MANAGER CONTROL STRUCTURES.

Secondary segment: **SMF102_QW02254**

Field Name	Type	Len	Description
SMF102_QW02254.<fieldname>			

QW0225SC	INT	4	RESERVED.
QW0225LS	INT	4	RESERVED.
QW0225SX	INT	4	RESERVED.
QW0225HS	INT	4	RESERVED.
QW0225LC	INT	4	NUMBER OF STATEMENTS IN THE DYNAMIC STATEMENT CACHE THAT ARE IN 64-BIT AGENT LOCAL POOLS THAT ARE USED BY ACTIVE THREADS (64-BIT SHARED AGENT LOCAL VARIABLE POOLS).
QW0225HC	INT	4	LARGEST NUMBER OF STATEMENTS SO FAR IN THE DYNAMIC STATEMENT CACHE THAT HAVE BEEN IN 64-BIT AGENT LOCAL POOLS THAT ARE USED BY ACTIVE THREADS WHEN THE LARGEST AMOUNT OF STORAGE WAS REQUESTED (64-BIT SHARED AGENT LOCAL VARIABLE POOLS).
QW0225L2	FLOAT	8	TOTAL REQUESTED NON-SHAREABLE STORAGE FOR DYNAMIC SQL STATEMENTS THAT IS IN 64-BIT AGENT LOCAL POOLS THAT ARE USED BY ACTIVE THREADS (64-BIT SHARED AGENT LOCAL VARIABLE POOLS).
QW0225H2	FLOAT	8	LARGEST AMOUNT SO FAR OF STORAGE THAT WAS ALLOCATED FOR DYNAMIC SQL STATEMENTS THAT IS IN 64-BIT AGENT LOCAL POOLS THAT ARE USED BY ACTIVE THREADS (64-BIT SHARED AGENT LOCAL VARIABLE POOLS).
QW0225HT	CHAR	8	TIMESTAMP WHEN THE LARGEST AMOUNT OF NON-SHAREABLE STORAGE FOR DYNAMIC SQL STATEMENTS WAS REQUESTED SINCE THE PREVIOUS IFCID 0225 RECORD WAS WRITTEN. THE STORAGE IS IN 64-BIT AGENT LOCAL POOLS THAT WERE USED BY ACTIVE THREADS (64-BIT SHARED AGENT LOCAL VARIABLE POOLS).
QW0225S2	FLOAT	8	TOTAL AMOUNT OF STORAGE IN THE STMT CACHE BLOCKS 2G POOL (64-BIT SHARED VARIABLE POOL).
QW0225F1	FLOAT	8	(S)
QW0225F2	FLOAT	8	(S)
QW0225SC8	FLOAT	8	TOTAL ALLOCATED AMOUNT OF SHAREABLE STORAGE FOR DYNAMIC SQL STATEMENTS THAT IS USED BY ACTIVE THREADS (64-BIT SHARED SYSTEM VARIABLE POOLS).
QW0225LS8	FLOAT	8	TOTAL REQUESTED AMOUNT OF SHAREABLE STORAGE FOR DYNAMIC SQL STATEMENTS THAT IS USED BY ACTIVE THREADS (64-BIT SHARED SYSTEM VARIABLE POOLS).
QW0225SX8	FLOAT	8	TOTAL ALLOCATED AMOUNT OF SHAREABLE STORAGE FOR STATIC SQL STATEMENTS (64-BIT SHARED SYSTEM VARIABLE POOLS).
QW0225HS8	FLOAT	8	LARGEST AMOUNT SO FAR OF REQUESTED SHAREABLE STORAGE FOR DYNAMIC SQL STATEMENTS THAT IS USED BY ACTIVE THREADS (64-BIT SHARED SYSTEM VARIABLE POOLS).
QW0225DMH	FLOAT	8	AMOUNT OF STORAGE THAT IS ALLOCATED FOR HASHING ENTRIES IN THE DYNAMIC STATEMENT CACHE.

Secondary segment: **SMF102_QW02255**

Field Name	Type	Len	Description
<i>SMF102_QW02255.<fieldname></i>			
QW0225AL	INT	4	TOTAL AGENT LOCAL STORAGE (31-BIT DBM1 PRIVATE VARIABLE POOLS).
QW0225AS	INT	4	TOTAL SYSTEM AGENT STORAGE (31-BIT DBM1 PRIVATE VARIABLE POOLS).
QW0225ALG	FLOAT	8	TOTAL AGENT LOCAL STORAGE (64-BIT SHARED VARIABLE POOLS).
QW0225ASG	FLOAT	8	

			TOTAL SYSTEM AGENT STORAGE (64-BIT SHARED VARIABLE POOLS).
QW0225BB	FLOAT	8	TOTAL BUFFER MANAGER STORAGE BLOCKS (31-BIT DBM1 PRIVATE VARIABLE POOL).
QW0225RP	FLOAT	8	TOTAL RID POOL STORAGE (64-BIT SHARED FIXED POOL).
QW0225CD	FLOAT	8	TOTAL COMPRESSION DICTIONARY STORAGE (64-BIT DBM1 PRIVATE GETMAINED).
QW0225AR	FLOAT	8	TOTAL ARRAY VARIABLE STORAGE.

Secondary segment: **SMF102_QW02256**

Field Name	Type	Len	Description
<i>SMF102_QW02256.<fieldname></i>			
QW0225I_ABCSA	FLOAT	8	AMOUNT OF 64-BIT COMMON STORAGE THAT IS CURRENTLY IN USE. THIS VALUE IS THE TOTAL OF ALL 64-BIT COMMON IRLM POOLS.
QW0225I_ABCSH	FLOAT	8	HIGHEST AMOUNT OF 64-BIT COMMON STORAGE THAT HAS BEEN IN USE SO FAR. THIS VALUE IS THE TOTAL OF ALL 64-BIT COMMON IRLM POOLS.
QW0225I_BBPVT	FLOAT	8	AMOUNT OF 31-BIT IRLM PRIVATE STORAGE THAT IS CURRENTLY IN USE. THIS VALUE IS THE TOTAL OF ALL 31-BIT IRLM PRIVATE POOLS.
QW0225I_BBPVH	FLOAT	8	HIGHEST AMOUNT OF 31-BIT IRLM PRIVATE STORAGE THAT HAS BEEN IN USE SO FAR. THIS VALUE IS THE TOTAL OF ALL 31-BIT COMMON IRLM POOLS.
QW0225I_ABPVT	FLOAT	8	AMOUNT OF 64-BIT IRLM PRIVATE STORAGE THAT IS CURRENTLY IN USE. THIS VALUE IS THE TOTAL OF ALL 64-BIT IRLM PRIVATE POOLS.
QW0225I_ABPVH	FLOAT	8	HIGHEST AMOUNT OF 64-BIT IRLM PRIVATE STORAGE THAT HAS BEEN IN USE SO FAR. THIS VALUE IS THE TOTAL OF ALL 64-BIT COMMON IRLM POOLS.
QW0225I_BBESCA	FLOAT	8	AMOUNT OF ECSA THAT IS CURRENTLY IN USE. THIS VALUE IS THE TOTAL OF ALL ECSA IRLM POOLS.
QW0225I_BBESCAH	FLOAT	8	HIGHEST AMOUNT OF ECSA THAT HAS BEEN IN USE SO FAR. THIS VALUE IS THE TOTAL OF ALL ECSA IRLM POOLS.
QW0225I_BPMAX	FLOAT	8	MAXIMUM AMOUNT OF VIRTUAL 31-BIT IRLM PRIVATE STORAGE THAT IS AVAILABLE FOR NORMAL IRLM EXECUTION. ONLY REQUESTS FOR STORAGE BY MUST-COMPLETE TASKS ARE GRANTED IF THIS VALUE IS EXCEEDED.
QW0225I_APMAX	FLOAT	8	MAXIMUM AMOUNT OF VIRTUAL 64-BIT IRLM PRIVATE STORAGE THAT IS AVAILABLE FOR NORMAL IRLM EXECUTION. ONLY REQUESTS FOR STORAGE BY MUST-COMPLETE TASKS ARE GRANTED IF THIS VALUE IS EXCEEDED. THRESHOLD AMMOUNT OF VIRTUAL 64-BIT IRLM

Secondary segment: **SMF102_QW0226**

Field Name	Type	Len	Description
<i>SMF102_QW0226.<fieldname></i>			
QW0226DB	HEX	2	DATABASE ID.
QW0226OB	HEX	2	PAGE SET OBID.
QW0226PN	HEX	3	PAGE NUMBER TO READ OR WRITE.

QW0226F	CHAR	1	TYPE OF LATCH:
QW0226BP	INT	4	BUFFER POOL INTERNAL IDENTIFIER. 0 THROUGH 49 ARE IDENTIFIERS FOR 4KB BUFFER POOLS. 100 THROUGH 109 ARE IDENTIFIERS FOR 8KB BUFFER POOLS. 120 THROUGH 129 ARE IDENTIFIERS FOR 16KB BUFFER POOLS. 80 THROUGH 89 ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
QW0226AC	INT	4	AGENT CONTROL ELEMENT (ACE) TOKEN OF THE REQUESTER.
QW0226PG	INT	4	PAGE NUMBER TO READ OR WRITE. IF THE HIGH-ORDER BIT OF QW0226P IS 1, THIS IS A RELATIVE PAGE NUMBER. IF THE HIGH-ORDER BIT OF QW0226P IS 0, THIS AN ABSOLUTE PAGE NUMBER. THE PARTITION NUMBER IS IN FIELD QW0226PT.
QW0226FG	CHAR	1	TYPE OF TABLE SPACE:
QW0226P	HEX	1	FLAGS:
QW0226PT	INT	4	PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE IS NOT PARTITIONED.

Secondary segment: **SMF102_QW0227**

Field Name	Type	Len	Description
<i>SMF102_QW0227.<fieldname></i>			
QW0227DB	HEX	2	DATABASE ID.
QW0227OB	HEX	2	PAGE SET OBID.
QW0227PN	HEX	3	PAGE NUMBER TO READ OR WRITE.
QW0227F	CHAR	1	STATUS:
QW0227AC	INT	4	AGENT CONTROL ELEMENT (ACE) TOKEN OF THE REQUESTER.
QW0227PG	INT	4	PAGE NUMBER TO READ OR WRITE. IF THE HIGH-ORDER BIT OF QW0227P IS 1, THIS IS A RELATIVE PAGE NUMBER. IF THE HIGH-ORDER BIT OF QW0227P IS 0, THIS AN ABSOLUTE PAGE NUMBER. THE PARTITION NUMBER IS IN FIELD QW0227PT.
QW0227FG	CHAR	1	TYPE OF TABLE SPACE:
QW0227P	HEX	1	FLAGS:
QW0227PT	INT	4	PARTITION NUMBER. THIS VALUE IS 0 IF THE TABLE SPACE IS NOT PARTITIONED.

Secondary segment: **SMF102_QW0228**

Field Name	Type	Len	Description
<i>SMF102_QW0228.<fieldname></i>			
QW0228DV	INT	4	(S) ADDRESS OF THE TAPE UNIT IN DEALLOCATION.
QW0228DI	CHAR	8	(S) DATA SET ID (SEE IFCID 0032). THIS ID REPRESENTS THE CURRENT DATA SET/VOLUME SERIAL MOUNTED ON THE DEVICE.

Secondary segment: **SMF102_QW0229**

Field Name	Type	Len	Description
<i>SMF102_QW0229.<fieldname></i>			

QW0229DV	INT	4	(S) ADDRESS OF THE TAPE UNIT IN DEALLOCATION.
QW0229CC	CHAR	4	(S) TERMINATION REASON:

Secondary segment: **SMF102_QW0231**

Field Name	Type	Len	Description
<i>SMF102_QW0231.<fieldname></i>			
QW0231SN	INT	4	STATEMENT NUMBER. THIS IS THE SAME AS QUERYNO IN PLAN_TABLE, IF PLAN_TABLE EXISTS.
QW0231QN	INT	2	QUERY BLOCK NUMBER. THIS IS THE SAME AS QBLOCKNO IN PLAN_TABLE, IF PLAN_TABLE EXISTS.
QW0231GN	INT	2	PARALLEL GROUP NUMBER. THIS IS THE SAME AS ACCESS_PGROUP_ID IN PLAN_TABLE, IF PLAN_TABLE EXISTS.
QW0231CT	CHAR	10	TIMESTAMP OF GROUP CREATION IN DB2 TIMESTAMP FORMAT.
QW0231ET	CHAR	10	TIMESTAMP OF GROUP TERMINATION IN DB2 TIMESTAMP FORMAT.
QW0231RN	INT	2	NUMBER OF QW0231TA REPETITIONS IN THE SECTION POINTED TO BY QWT02R2O.
QW0231R1	INT	2	RESERVED.
QW0231NG	INT	4	(S)
QW0231NT	INT	4	(S)
QW0231NR	INT	2	THE TOTAL NUMBER OF QW0231 RECORDS THAT CONSTITUTE THIS SERIES OF QW0231 RECORDS.
QW0231TR	INT	2	THE NUMBER OF THIS QW0231 RECORD IN THE SERIES OF QW0231 RECORDS.

Secondary segment: **SMF102_QW0231N**

Field Name	Type	Len	Description
<i>SMF102_QW0231N.<fieldname></i>			
QW0231NM	CHAR	2	TOTAL LENGTH OF ALL QW0231TA ENTRIES PLUS 4 BYTES.
QW0231R3	CHAR	2	RESERVED.
QW0231TA	CHAR	68	THE FIELDS IN THIS SECTION PROVIDE INFORMATION ABOUT AN INDIVIDUAL TASK. THERE ARE MULTIPLE QW0231TA ENTRIES. FIELD QW0231RN INDICATES THE NUMBER OF TIMES THAT THE QW0231TA STRUCTURE IS REPEATED.
QW0231TQ	INT	4	TASK SEQUENCE NUMBER.
QW0231TK	INT	4	TASK TOKEN.
QW0231TC	CHAR	10	TIMESTAMP OF TASK CREATION IN DB2 TIMESTAMP FORMAT.
QW0231TT	CHAR	10	TIMESTAMP OF TASK TERMINATION IN DB2 TIMESTAMP FORMAT.
QW0231TX	FLOAT	8	TASK CENTRAL PROCESSOR (CP) EXECUTION TIME. THIS VALUE DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM ZIIP.
QW0231AC	INT	4	(S)
QW0231TM	CHAR	8	NAME OF THE DB2 MEMBER ON WHICH THE TASK EXECUTES.
QW0231SU	INT	4	TASK CPU SERVICE UNITS CONSUMED. (THIS VALUE IS UNWEIGHTED. IT DOES NOT TAKE INTO ACCOUNT THE COEFFICIENTS IN THE ACTIVE SERVICE DEFINITION.)
QW0231_ZIIP	HEX	8	TASK CPU TIME THAT IS CONSUMED ON AN IBM ZIIP.

QW0231ZIIP_ONCP	HEX	8	
-----------------	-----	---	--

Secondary segment: **SMF102_QW0232**

Field Name	Type	Len	Description
<i>SMF102_QW0232.<fieldname></i>			
QW0232ND	CHAR	1	(THIS RECORD HAS NO FIELDS.)

Secondary segment: **SMF102_QW0233**

Field Name	Type	Len	Description
<i>SMF102_QW0233.<fieldname></i>			
QW0233LN	CHAR	18	%U LOCATION NAME OF THE REQUESTER. %U IF QW0233LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0233PC	CHAR	18	%U PACKAGE COLLECTION ID. %U IF QW0233PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0233PN	CHAR	18	%U PROGRAM NAME. %U IF QW0233PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0233TS	TSTMP	8	PRECOMPILER TIMESTAMP.
QW0233SN	CHAR	2	RESERVED.
QW0233EX	CHAR	1	ENTRY OR EXIT EVENT TYPE.
QW0233TY	CHAR	1	ROUTINE TYPE.
QW0233NL	CHAR	2	NESTING LEVEL OF THE ROUTINE.
QW0233PR	CHAR	18	%U SPECIFIC NAME OF THE ROUTINE. %U IF QW0233PR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0233SQ	CHAR	136	THE SQLCA RETURNED TO THE PROGRAM THAT ISSUED THE SQL CALL STATEMENT OR INVOKED THE USER-DEFINED FUNCTION. THIS FIELD IS VALID ONLY WHEN QW0233EX=QW0233X.
QW0233SC	CHAR	8	%U NAME OF THE SCHEMA ASSOCIATED WITH THIS ROUTINE. %U IF QW0233SC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0233LN_Off	INT	2	IF QW0233LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0233 TO QW0233LN_LEN.
QW0233PC_Off	INT	2	IF QW0233PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0233 TO QW0233PC_LEN.
QW0233PN_Off	INT	2	IF QW0233PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0233 TO QW0233PN_LEN.
QW0233PR_Off	INT	2	IF QW0233PR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0233 TO QW0233PR_LEN.
QW0233SC_Off	INT	2	IF QW0233SC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0233 TO QW0233SC_LEN.
QW0233SN_long	CHAR	4	STATEMENT NUMBER.
QW0233SID	CHAR	8	STATEMENT ID FOR THE CURRENTLY EXECUTING STATEMENT.
QW0233STY	HEX	2	STATEMENT TYPE:
QW0233Ver_Off	INT	2	OFFSET FROM THE BEGINNING OF QW0233 TO QW0233VER_LEN.
QW0233RID	CHAR	8	ROUTINE ID. THIS VALUE IS 0 IF THE INVOKING PACKAGE HAS NOT BEEN REBOUND.

Secondary segment: SMF102_QW0234

Field Name	Type	Len	Description
<i>SMF102_QW0234.<fieldname></i>			
QW0234PL	INT	2	LENGTH OF PRIMARY AUTHORIZATION ID.
QW0234PN	CHAR	130	PRIMARY AUTHORIZATION ID.
QW0234AL	INT	2	LENGTH OF SQL AUTHORIZATION ID.
QW0234AN	CHAR	130	SQL AUTHORIZATION ID.

Secondary segment: SMF102_QW02342

Field Name	Type	Len	Description
<i>SMF102_QW02342.<fieldname></i>			
QW0234SL	INT	2	LENGTH OF SECONDARY AUTHORIZATION ID.
QW0234SN	CHAR	130	SECONDARY AUTHORIZATION ID.

Secondary segment: SMF102_QW0235

Field Name	Type	Len	Description
<i>SMF102_QW0235.<fieldname></i>			
QW0235LO	CHAR	16	%U THE LOCATION NAME, LUNAME (<LUNAME>), OR %U IP ADDRESS (NNN.NNN.NNN.NNN) OF THE REMOTE PARTNER %U INVOLVED IN THE UNIT OF WORK. %U IF QW0235LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0235TH	CHAR	38	INFORMATION USED TO IDENTIFY THIS THREAD:
QW0235NT	CHAR	8	THE NETID PORTION OF THE LUWID.
QW0235LU	CHAR	8	THE LUNAME PORTION OF THE LUWID.
QW0235IN	HEX	6	THE INSTANCE NUMBER PORTION OF THE LUWID.
QW0235CM	HEX	2	THE LUW SEQUENCE NUMBER (COMMIT COUNT) PORTION OF THE LUWID.
QW0235TK	HEX	4	THE LOCAL TOKEN REPRESENTING THE LUWID.
QW0235RL	CHAR	1	THE ROLE OF DB2 IN THIS LUW:
QW0235TS	CHAR	1	THE LOCAL STATUS OF THE DB2 THREAD WHEN DB2 CAME DOWN:
QW0235TI	CHAR	1	DISPOSITION OF THE RESYNCHRONIZATION INFORMATION:
QW0235LO_Off	INT	2	IF QW0235LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0235 TO QW0235LO_LEN.
QW0235UR	CHAR	10	THE RECOVERY LOG RBA (URID) FOR THE THREAD.

Secondary segment: SMF102_QW0236

Field Name	Type	Len	Description
<i>SMF102_QW0236.<fieldname></i>			

QW0236LO	CHAR	16	%U THE LOCATION NAME OR <LUNAME> OF THE REMOTE PARTNER %U INVOLVED IN THE PROTOCOL ERROR. %U IF QW0236LO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0236DC	CHAR	742	DATA COMMUNICATION INFORMATION:
QW0236FL	HEX	2	FLAGS:
QW0236SR	HEX	1	INDICATES WHETHER THE LAST NETWORK OPERATION WAS SEND OR RECEIVE:
QW0236LS	HEX	2	THE LENGTH OF THE LAST MESSAGE SENT BY THIS DB2 SITE DURING THE XLN EXCHANGE.
QW0236MS	CHAR	256	THE LAST MESSAGE SENT BY THIS DB2 SITE DURING THE XLN EXCHANGE.
QW0236LR	HEX	2	THE LENGTH OF THE LAST MESSAGE RECEIVED BY THIS DB2 SITE DURING THE XLN EXCHANGE.
QW0236MR	CHAR	256	THE LAST MESSAGE RECEIVED BY THIS DB2 SITE DURING THE XLN EXCHANGE.
QW0236VR	CHAR	112	THE VTAM REQUEST PARAMETER LIST ASSOCIATED WITH THE LAST XLN MESSAGE RECEIVED DURING THE EXCHANGE LOG NAMES (XLN).
QW0236VX	CHAR	112	THE VTAM RPL EXTENSION (ISTRPL6X), WHICH DESCRIBES THE LU 6.2 VERB INDICATORS FOR THE LAST RECEIVED MESSAGE.
QW0236LO_Off	INT	2	IF QW0236LO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0236 TO QW0236LO_LEN.

Secondary segment: **SMF102_QW0237**

Field Name	Type	Len	Description
<i>SMF102_QW0237.<fieldname></i>			
QW0237OI	CHAR	3	PREVIOUS (CURRENT) DEGREE.
QW0237NI	CHAR	3	NEW (ATTEMPTED) DEGREE.
QW0237ST	CHAR	1	STATUS OF THE STATEMENT (SUCCESS OR FAIL):

Secondary segment: **SMF102_QW02381**

Field Name	Type	Len	Description
<i>SMF102_QW02381.<fieldname></i>			
QW02381F	INT	4	(S) FIXED LENGTH PORTION OF QW0238.
QW02381M	CHAR	4	(S) ID OF MODULE THAT WROTE THE TRACE RECORD.
QW02381R	INT	4	(S) RETURN CODE FROM CURRENT STATUS REBUILD.

Secondary segment: **SMF102_QW02382**

Field Name	Type	Len	Description
<i>SMF102_QW02382.<fieldname></i>			
QW02382L	CHAR	1	(S) LOG DATA BEING PROCESSED. IT INCLUDES THE LOG RECORD HEADER.

Secondary segment: SMF102_QW02383

Field Name	Type	Len	Description
<i>SMF102_QW02383.<fieldname></i>			
QW02383R	CHAR	1	(S) RLE FOUND.

Secondary segment: SMF102_QW0240

Field Name	Type	Len	Description
<i>SMF102_QW0240.<fieldname></i>			
QW0240ND	CHAR	1	

Secondary segment: SMF102_QW0241

Field Name	Type	Len	Description
<i>SMF102_QW0241.<fieldname></i>			
QW0241ND	CHAR	1	

Secondary segment: SMF102_QW0242

Field Name	Type	Len	Description
<i>SMF102_QW0242.<fieldname></i>			
QW0242ND	CHAR	1	(THIS RECORD HAS NO FIELDS.)

Secondary segment: SMF102_QW0243

Field Name	Type	Len	Description
<i>SMF102_QW0243.<fieldname></i>			
QW0243ND	CHAR	1	(THIS RECORD HAS NO FIELDS.)

Secondary segment: SMF102_QW0247

Field Name	Type	Len	Description
<i>SMF102_QW0247.<fieldname></i>			
QW0247S1	INT	4	
QW0247LN	CHAR	16	%U LOCATION NAME. %U IF QW0247LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0247PC	CHAR	18	%U PACKAGE COLLECTION ID. %U IF QW0247PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

QW0247PN	CHAR	18	%U PROGRAM NAME. %U IF QW0247PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0247TS	TSTMP	8	PRECOMPILER TIME STAMP.
QW0247OS	CHAR	2	RESERVED.
QW0247NE	CHAR	2	NUMBER OF ENTRIES IN THE SQLDA.
QW0247LE	CHAR	2	LENGTH OF EACH SQLDA ENTRY.
QW0247FE	HEX	1	FORMAT OF THE SQLDA: B'1000' = FORMAT 0. THIS IS A COMPRESSED FORM OF THE SQLDA. B'0100' = FORMAT 1. THIS IS A COMPLETE SQLDA THAT CONTAINS THE DATA TYPE, ADDRESS, AND ADDRESS OF THE INDICATOR VARIABLE FOR EACH HOST VARIABLE. B'0010' = FORMAT 2. THIS IS A VARIABLE LENGTH CHARACTER FORMAT THAT CONTAINS THE LENGTH OF THE STRING AND THE TEXT.
QW0247FG	HEX	1	FLAG BYTE.
QW0247SN	INT	4	STATEMENT NUMBER.
QW0247LN_Off	INT	2	IF QW0247LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0247 TO QW0247LN_LEN.
QW0247PC_Off	INT	2	IF QW0247PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0247 TO QW0247PC_LEN.
QW0247PN_Off	INT	2	IF QW0247PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0247 TO QW0247PN_LEN.

Secondary segment: **SMF102_QW0247A**

Field Name	Type	Len	Description
<i>SMF102_QW0247A.<fieldname></i>			
QW0247S2	INT	4	
QW0247TY	CHAR	2	DATA TYPE OF THIS ENTRY.
QW0247LD	INT	2	DATA LENGTH OF THIS ENTRY.
QW0247LP	CHAR	1	IF THIS ENTRY IS DECIMAL, THE PRECISION. THIS FIELD OVERLAYS THE FIRST BYTE OF FIELD QW0247LD.
QW0247LS	CHAR	1	IF THIS ENTRY IS DECIMAL, THE SCALE. THIS FIELD OVERLAYS THE SECOND BYTE OF FIELD QW0247LD.
QW0247PT	FLOAT	8	POINTER TO THE DATA.
QW0247IN	FLOAT	8	POINTER TO THE INDICATOR VARIABLE, IF THE VALUE IN QW0247TY IS ODD (NULLABLE).
QW0247NO	INT	4	SQLDA ENTRY NUMBER.
QW0247NL	CHAR	1	NULL INDICATOR.
QW0247NA	CHAR	32	NAME, IF THIS IS A FORMAT 1 SQLDA.

Secondary segment: **SMF102_QW0247B**

Field Name	Type	Len	Description
<i>SMF102_QW0247B.<fieldname></i>			
QW0247S3	INT	4	
QW0247LL	HEX	2	LENGTH OF HOST VARIABLE DATA + 2.
QW0247DA	CHAR	1	HOST VARIABLE DATA.

Secondary segment: **SMF102_QW0248**

Field Name	Type	Len	Description
<i>SMF102_QW0248.<fieldname></i>			
QW0248S1	INT	4	
QW0248LN	CHAR	16	(S) %U LOCATION NAME. (S) %U IF QW0248LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0248PC	CHAR	18	(S) %U PACKAGE COLLECTION ID. (S) %U IF QW0248PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0248PN	CHAR	18	(S) %U PROGRAM NAME. (S) %U IF QW0248PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0248TS	TSTMP	8	(S) PRECOMPILER TIME STAMP.
QW0248OS	CHAR	2	(S) RESERVED.
QW0248NE	CHAR	2	(S) NUMBER OF ENTRIES IN THE SQLDA.
QW0248LE	CHAR	2	(S) LENGTH OF EACH SQLDA ENTRY.
QW0248FE	HEX	1	(S) FORMAT OF THE SQLDA: (S) B'1000' = FORMAT 0. THIS IS A COMPRESSED FORM OF (S) THE SQLDA. (S) B'0100' = FORMAT 1. THIS IS A COMPLETE SQLDA THAT (S) CONTAINS THE DATA TYPE, ADDRESS, AND ADDRESS (S) OF THE INDICATOR VARIABLE FOR EACH HOST (S) VARIABLE. (S) B'0010' = FORMAT 2. THIS IS A VARIABLE LENGTH (S) CHARACTER FORMAT THAT CONTAINS THE LENGTH (S) OF THE STRING AND THE TEXT.
QW0248FG	HEX	1	(S) FLAG BYTE.
QW0248SN	INT	4	(S) STATEMENT NUMBER.
QW0248LN_Off	INT	2	(S) IF QW0248LN IS TRUNCATED, THIS IS THE OFFSET FROM THE (S) BEGINNING OF QW0248 TO QW0248LN_LEN.
QW0248PC_Off	INT	2	(S) IF QW0248PC IS TRUNCATED, THIS IS THE OFFSET FROM THE (S) BEGINNING OF QW0248 TO QW0248PC_LEN.
QW0248PN_Off	INT	2	(S) IF QW0248PN IS TRUNCATED, THIS IS THE OFFSET FROM THE (S) BEGINNING OF QW0248 TO QW0248PN_LEN.

Secondary segment: **SMF102_QW0248A**

Field Name	Type	Len	Description
<i>SMF102_QW0248A.<fieldname></i>			
QW0248S2	INT	4	(S) SQLDA ENTRY SECTION POINTED TO BY QWT02R20 OF THE SELF-DEFINING SECTION.
QW0248TY	CHAR	2	(S) DATA TYPE OF THIS ENTRY.
QW0248LD	INT	2	(S) DATA LENGTH OF THIS ENTRY.
QW0248LP	CHAR	1	(S) IF THIS ENTRY IS DECIMAL, THE PRECISION. THIS FIELD OVERLAYS THE FIRST BYTE OF FIELD QW0248LD.
QW0248LS	CHAR	1	(S) IF THIS ENTRY IS DECIMAL, THE SCALE. THIS FIELD OVERLAYS THE SECOND BYTE OF FIELD QW0248LD.
QW0248PT	FLOAT	8	(S) POINTER TO THE DATA.
QW0248IN	FLOAT	8	(S) POINTER TO A NEGATIVE INDICATOR VARIABLE.
QW0248NO	INT	4	(S) SQLDA ENTRY NUMBER.
QW0248NL	CHAR	1	(S) NULL INDICATOR.

QW0248NA	CHAR	32	(S) NAME, IF THIS IS A FORMAT 1 SQLDA.
----------	------	----	--

Secondary segment: **SMF102_QW0248B**

Field Name	Type	Len	Description
<i>SMF102_QW0248B.<fieldname></i>			
QW0248S3	INT	4	(S) DATA SECTION POINTED TO BY SELF-DEFINING SECTION QWT02R30. THIS DATA SECTION IS TRUNCATED AT 25000 BYTES. IF THE LENGTH OF THE DATA SECTION IS GREATER THAN 5000 BYTES, IT IS WRITTEN IN 5000 BYTE CHUNKS.
QW0248LL	HEX	2	(S) LENGTH OF HOST VARIABLE DATA + 2.
QW0248DA	CHAR	1	(S) HOST VARIABLE DATA.

Secondary segment: **SMF102_QW0249**

Field Name	Type	Len	Description
<i>SMF102_QW0249.<fieldname></i>			
QW0249ID	HEX	2	DATABASE IDENTIFIER (DBID).
QW0249SN	HEX	2	RESERVED.
QW0249NM	CHAR	8	DATABASE NAME.
QW0249MC	CHAR	8	NAME OF THE MEMBER IN THE DB2 DATA SHARING GROUP CAUSING THE INVALIDATION.

Secondary segment: **SMF102_QW0250HE**

Field Name	Type	Len	Description
<i>SMF102_QW0250HE.<fieldname></i>			
QW0250TY	CHAR	1	TYPE OF REQUEST:
QW0250SN	CHAR	16	NAME OF THE CACHE STRUCTURE SPECIFIED IN THE CFRM POLICY.
QW0250GN	CHAR	8	GROUP BUFFER POOL NAME. THIS IS THE NAME USED IN DB2 COMMANDS.
QW0250RC	INT	4	RETURN CODE FROM z/OS CROSS-SYSTEM EXTENDED SERVICES (XES).
QW0250RS	HEX	4	(S) HIGH-ORDER 2 BYTES OF THE z/OS XES REASON CODE.
QW0250R2	HEX	2	LOW-ORDER 2 BYTES OF THE z/OS XES REASON CODE.

Secondary segment: **SMF102_QW0250CN**

Field Name	Type	Len	Description
<i>SMF102_QW0250CN.<fieldname></i>			
QW0250SZ	HEX	4	SIZE OF THE CACHE STRUCTURE. THIS IS THE NUMBER OF 4KB BLOCKS. THE ACTUAL SIZE MIGHT BE LESS THAN THE REQUESTED

Field Name	Type	Len	Description
			SIZE BECAUSE OF INSUFFICIENT SPACE IN THE COUPLING FACILITY.
QW0250SM	HEX	4	MAXIMUM SIZE OF THE CACHE STRUCTURE AT THE TIME IT WAS ALLOCATED. THE MAXIMUM SIZE WAS OBTAINED FROM THE ACTIVE POLICY.
QW0250DR	HEX	4	NUMBER OF DIRECTORY ENTRIES ALLOCATED IN THE CACHE STRUCTURE.
QW0250DT	HEX	4	NUMBER OF DATA ELEMENTS ALLOCATED. FOR DB2 GROUP BUFFER POOLS, THE SIZE OF A DATA ELEMENT IS 4KB. EACH DATA ENTRY CONSISTS OF ONE OR MORE DATA ELEMENTS.
QW0250F1	HEX	4	(S) FLAGS.
QW0250F2	HEX	4	WHETHER THE CACHE STRUCTURE WAS ALLOCATED IN A COUPLING FACILITY CONTAINING A STRUCTURE IN THE EXCLUSION LIST.
QW0250CD	CHAR	1	TYPE OF CONNECT:
QW0250CA	CHAR	1	ALLOCATION INDICATOR:
QW0250CO	HEX	2	MAXIMUM NUMBER OF CASTOUT CLASSES.

Secondary segment: **SMF102_QW0250DS**

Field Name	Type	Len	Description
<i>SMF102_QW0250DS.<fieldname></i>			
QW0250DD	CHAR	1	TYPE OF DISCONNECT:

Secondary segment: **SMF102_QW0250X**

Field Name	Type	Len	Description
<i>SMF102_QW0250X.<fieldname></i>			
QW0250X1	HEX	4	SYSTEM AUTHORIZATION FACILITY (SAF) RETURN CODE.
QW0250X2	HEX	4	SAF REASON CODE.

Secondary segment: **SMF102_QW0250Z**

Field Name	Type	Len	Description
<i>SMF102_QW0250Z.<fieldname></i>			
QW0250ZN	CHAR	8	NAME OF THE COUPLING FACILITY.
QW0250ZR	INT	4	REASON CODE THAT TELLS WHY THE COUPLING FACILITY WAS NOT SUITABLE. A CORRECTIVE ACTION IS SUGGESTED FOR EACH REASON CODE. FIELDS QW0250Z1 THROUGH QW0250Y1 ARE CONSTANTS FOR QW0250ZR.
QW0250ZM	HEX	4	THE MINIMUM CONTROL SPACE REQUIRED IN 4KB BLOCKS TO ALLOCATE THE CACHE STRUCTURE FOR WHICH CONNECT WAS REQUESTED. THIS FIELD IS VALID ONLY WHEN QW0250ZR=QW0250Z7.
QW0250ZG	HEX	4	TOTAL SPACE IN THE COUPLING FACILITY IN 4KB BLOCKS. TOTAL SPACE INCLUDES CONTROL AND NONCONTROL SPACE.
QW0250ZH	HEX	4	TOTAL CONTROL SPACE IN THE COUPLING FACILITY IN 4KB BLOCKS.

QW0250ZI	HEX	4	TOTAL FREE SPACE IN 4KB BLOCKS. FREE SPACE INCLUDES CONTROL AND NONCONTROL SPACE.
QW0250ZJ	HEX	4	FREE CONTROL SPACE IN 4KB BLOCKS.
QW0250ZK	HEX	2	STORAGE INCREMENT SIZE IN 4KB BLOCKS.
QW0250ZL	HEX	1	MAXIMUM ELEMENT CHARACTERISTIC. THE ELEMENT CHARACTERISTIC CAN BE DETERMINED BY THE FOLLOWING FORMULA: 256 X (2 TO THE POWER OF QW0250ZL). DB2 ALWAYS REQUESTS A 4KB ELEMENT SIZE SO QW0250ZL SHOULD ALWAYS EQUAL 4.
QW0250ZO	HEX	2	MAXIMUM NUMBER OF CASTOUT CLASSES FOR A CACHE STRUCTURE USING THE COUPLING FACILITY.

Secondary segment: **SMF102_QW0251**

Field Name	Type	Len	Description
<i>SMF102_QW0251.<fieldname></i>			
QW0251IF	HEX	1	IRLM FUNCTION CODE:
QW0251OB	CHAR	1	TYPE OF OBJECT:
QW0251ST	CHAR	1	P-LOCK STATE REQUESTED FOR LOCK OR CHANGE REQUEST. IF QW0251IF=QW0251IP, THIS FIELD CONTAINS THE P-LOCK STATE REQUESTED BY THE OTHER MEMBER, OR ZERO IF THE STATE REQUESTED BY THE OTHER MEMBER IS NOT IN CONFLICT WITH THE STATE HELD BY THIS MEMBER.
QW0251LK	CHAR	32	P-LOCK RESOURCE NAME.
QW0251KL	INT	1	LENGTH OF THE P-LOCK NAME.
QW0251KT	HEX	1	TYPE OF P-LOCK.
QW0251KU	HEX	1	INTERNAL IDENTIFIER OF THE BUFFER POOL. '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
QW0251KD	CHAR	2	DATABASE IDENTIFIER (DBID).
QW0251KP	CHAR	2	PAGE SET IDENTIFIER OF THE OBJECT (OBID).
QW0251KR	CHAR	2	PARTITION NUMBER. THIS FIELD IS ZERO IF THIS IS A NONPARTITIONED PAGE SET.
QW0251PA	CHAR	3	
QW0251TK	CHAR	4	(S) LOCK TOKEN. THIS FIELD IS ZERO IF QW0251IF=QW0251IP.
QW0251DN	CHAR	8	DATABASE NAME.
QW0251PN	CHAR	8	PAGE SET NAME.
QW0251OS	HEX	1	PREVIOUSLY HELD P-LOCK STATE. FIELDS QW0251S0 THROUGH QW0251FF ARE CONSTANTS FOR
QW0251OC	HEX	1	PREVIOUS P-LOCK CACHED STATE. SEE QW0251OS FOR P-LOCK STATE CONSTANTS.
QW0251NS	HEX	1	NEWLY HELD P-LOCK STATE. SEE QW0251OS FOR P-LOCK STATE CONSTANTS. IF THE REQUEST WAS DENIED, THIS FIELD = QW0251FF.
QW0251NC	HEX	1	NEW P-LOCK CACHED STATE. SEE QW0251OS FOR P-LOCK STATE CONSTANTS. IF THE REQUEST WAS DENIED, THIS FIELD = QW0251FF.
QW0251RC	INT	4	(S) IRLM RETURN CODE.
QW0251RS	HEX	4	(S) IRLM RETURN SUBCODES.
QW0251PC	INT	2	(S) P-LOCK EXIT REASON CODE.

QW0251F1	HEX	1	REQUEST TYPE:
QW0251F2	HEX	1	(S) PAGE SET AVAILABILITY:
QW0251DB	CHAR	8	IF QW0251IF IS NOT EQUAL TO X'FF', THIS IS THE DB2 MEMBER NAME IN CONFLICT WITH THIS REQUEST. THIS APPLIES ONLY IF THE P-LOCK IS REJECTED. IF QW0251IF IS EQUAL TO X'FF', THIS IS THE DB2 MEMBER NAME IN CONFLICT WITH THIS MEMBER'S CURRENTLY HELD STATE OF THE P-LOCK.

Secondary segment: **SMF102_QW0252**

Field Name	Type	Len	Description
SMF102_QW0252.<fieldname>			
QW0252P1	CHAR	4	
QW0252ID	CHAR	1	(S) FUNCTION ID. FIELDS QW0252FA THROUGH QW0252FY ARE CONSTANTS FOR QW0252ID.
QW0252BP	CHAR	1	(S) INTERNAL BUFFER POOL IDENTIFIER.
QW0252XF	CHAR	1	(S) FLAG BYTE:
QW0252N1	CHAR	8	(S) NAME FOR READ, WRITE, CASTOUT, X-INVALIDATE, DELETE-NAME, READ-DIRINFO, OR RESET-REFBIT.
QW0252P2	CHAR	4	(S) 'DBID.PSID' PART OF NAME.
QW0252UF	CHAR	1	(S) 'FIRST NAME' FOR UNLOCK-CASTOUT. 'STARTING INDEX' FOR REGISTER-PAGE-LIST. THIS FIELD IS NOT USED FOR CONNECT.
QW0252DE	CHAR	1	(S) PARAMETER FOR 'DATASIZE' ON CONNECT. 'LAST NAME' FOR UNLOCK-CASTOUT. 'ENDING INDEX' FOR REGISTER-PAGE-LIST.
QW0252DR	INT	2	(S) DIRECTORY PART OF RATIO FOR CONNECT. THIS FIELD IS NOT USED FOR UNLOCK-CASTOUT.
QW0252P3	CHAR	4	(S) 'DATA SET NUMBER.PAGE NUMBER' PART OF NAME. PARAMETER FOR 'VECTORLEN' FOR CONNECT.
QW0252N2	CHAR	8	(S) 'REPLNAME' FOR READ. 'RESTOKEN' FOR CROSS-INVALIDATE, DELETE-NAME, READ-DIRINFO, OR RESET-REFBIT.
QW0252P4	CHAR	4	(S) 'DBID.PSID' PART OF NAME. FIRST 4 BYTES OF 'RESTOKEN'. NUMBER OF CASTOUT CLASSES FOR CONNECT.
QW0252NN	INT	2	(S) 'NUMNAMES' PARAMETER FOR PROCESS-REFLIST.
QW0252P5	CHAR	4	(S) 'DATA SET NUMBER.PAGE NUMBER' PART OF NAME. LAST 4 BYTES OF 'RESTOKEN'.
QW0252DT	INT	2	(S) DATA PART OF RATIO FOR CONNECT.
QW0252P6	HEX	4	(S) ADDRESS OF 'DATAREAV' PARAMETER FOR READ, WRITE, OR CASTOUT-DATA. ADDRESS OF 'DIRINFO' PARAMETER FOR READ-DIRINFO. ADDRESS OF NAMELIST FOR UNLOCK-CASTOUT OR PROCESS-REFLIST.
QW0252P7	CHAR	4	(S) LVBA INDEX FOR READ OR WRITE.
QW0252NM	CHAR	2	(S) NAMEMASK FOR READ-DIRINFO, RESET-REFBIT, PROCESS-REFLIST, OR X-INVALIDATE.
QW0252P8	CHAR	4	
QW0252CC	INT	2	(S) CASTOUT CLASS FOR WRITE OR READ-COCLASS.

Secondary segment: **SMF102_QW0254**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF102_QW0254.<fieldname>			
QW0254GN	INT	4	NUMBER OF THE GROUP BUFFER POOL FOR WHICH STATISTICS ARE BEING REPORTED.
QW0254CI	INT	4	EXPLICIT XI COUNTER. THIS IS THE NUMBER OF TIMES THAT A REQUEST WAS MADE TO THE COUPLING FACILITY TO EXPLICITLY CROSS-INVALIDATE A PAGE, AND XI SIGNALS WERE SENT BECAUSE THE NAMED PAGE WAS CACHED IN ONE OR MORE DB2 BUFFER POOLS.
QW0254RH	INT	4	READ-HIT COUNTER. THIS IS THE NUMBER OF TIMES THAT A PAGE WAS RETURNED ON A COUPLING FACILITY READ REQUEST.
QW0254RD	INT	4	READ-MISS-DIRECTORY-HIT COUNTER. THIS IS THE NUMBER OF TIMES THAT A COUPLING FACILITY READ REQUEST SPECIFIED A PAGE FOR WHICH A DIRECTORY ENTRY EXISTS, BUT NO DATA WAS CACHED FOR THAT PAGE.
QW0254RS	INT	4	READ-MISS-ASSIGNMENT-SUPPRESSED COUNTER. THIS IS THE NUMBER OF TIMES THAT A COUPLING FACILITY READ REQUEST SPECIFIED A PAGE FOR WHICH NO DIRECTORY ENTRY EXISTS AND NO DIRECTORY ENTRY IS CREATED. DB2 DOES NOT CREATE A DIRECTORY ENTRY WHEN IT DOES NOT NEED TO REGISTER THE PAGE TO THE COUPLING FACILITY FOR CROSS-INVALIDATION (XI) BECAUSE NO OTHER DB2 IN THE GROUP HAS R/W INTEREST IN THE THE PAGE SET/PARTITION. THIS COUNTER ALSO REPRESENTS THE NUMBER OF TIMES THAT PAGES ARE DEREGISTERED DUE TO BUFFER STEALING.
QW0254RN	INT	4	READ-MISS-NAME-ASSIGNED COUNTER. THIS IS THE NUMBER OF TIMES THAT A COUPLING FACILITY READ REQUEST SPECIFIED A PAGE FOR WHICH A DIRECTORY ENTRY WAS CREATED.
QW0254RF	INT	4	READ-MISS-CACHE-FULL COUNTER. THIS IS THE NUMBER OF TIMES THAT A COUPLING FACILITY READ REQUEST SPECIFIED A PAGE FOR WHICH NO DIRECTORY ENTRY EXISTS AND NO DIRECTORY ENTRY IS CREATED BECAUSE OF A LACK OF STORAGE IN THE GROUP BUFFER POOL. A NONZERO VALUE IN THIS FIELD INDICATES THAT THE BACKING COUPLING FACILITY CACHE STRUCTURE SIZE MIGHT BE TOO SMALL TO SUPPORT THE CURRENT WORKLOAD.
QW0254WH	INT	4	CHANGED PAGE WRITE-HIT COUNTER. THIS IS THE NUMBER OF TIMES A COUPLING FACILITY WRITE REQUEST FOR A CHANGED PAGE SUCCESSFULLY COMPLETED.
QW0254WC	INT	4	CLEAN PAGE WRITE-HIT COUNTER. THIS IS THE NUMBER OF TIMES A COUPLING FACILITY WRITE REQUEST FOR A CLEAN PAGE COMPLETED SUCCESSFULLY.
QW0254WF	INT	4	WRITE-MISS-CACHE-FULL COUNTER. THIS IS THE NUMBER OF TIMES A COUPLING FACILITY WRITE REQUEST WAS NOT COMPLETED BECAUSE OF A LACK OF STORAGE IN THE GROUP BUFFER POOL. A VALUE IN THIS FIELD INDICATES THAT THE DATA PAGE RESOURCES OF THE COUPLING FACILITY ARE BEING CONSUMED FASTER THAN THE DB2 CASTOUT PROCESS CAN FREE THEM. SEE DB2 DATA SHARING: PLANNING AND ADMINISTRATION FOR INFORMATION ABOUT ALLEVIATING THIS CONDITION.
QW0254DR	INT	4	DIRECTORY-ENTRY-RECLAIM COUNTER. THIS IS THE NUMBER OF TIMES A NAME ASSIGNMENT REQUIRED THAT A DIRECTORY ENTRY BE RECLAIMED BY THE COUPLING FACILITY.
QW0254TR	INT	4	DATA-ENTRY-RECLAIM COUNTER. THIS IS THE NUMBER OF TIMES A NAME ASSIGNMENT REQUIRED THAT A DATA PAGE BE RECLAIMED BY THE COUPLING FACILITY.
QW0254XR	INT	4	XI-DIRECTORY-ENTRY-RECLAIM COUNTER. THIS IS THE NUMBER OF TIMES A DIRECTORY ENTRY WAS RECLAIMED (STOLEN) AND CROSS-INVALIDATION (XI) SIGNALS HAD TO BE SENT (THAT IS, THE STOLEN DIRECTORY ENTRY HAD REGISTERED DB2 INTEREST). A HIGH NUMBER MIGHT INDICATE A PROBLEM. CHECK THE GROUP BUFFER POOL HIT RATIO TO DETERMINE IF THE LACK OF DIRECTORY ENTRIES MIGHT BE CAUSING EXCESSIVE READS FROM THE GROUP BUFFER POOL.
QW0254CC	INT	4	CASTOUT COUNTER. THIS IS THE NUMBER OF CASTOUT OPERATIONS PERFORMED. CASTOUT IS THE PROCESS OF WRITING PAGES FROM THE GROUP BUFFER POOL TO DASD.

QW0254DE	INT	4	DIRECTORY-ENTRY COUNTER. THIS IS THE NUMBER OF DIRECTORY ENTRIES ALLOCATED FOR THE COUPLING FACILITY CACHE STRUCTURE (DB2 GROUP BUFFER POOL). A DIRECTORY ENTRY CONTAINS CONTROL INFORMATION FOR ONE DATABASE PAGE. A DIRECTORY ENTRY IS USED BY THE COUPLING FACILITY TO DETERMINE WHERE TO SEND CROSS-INVALIDATION SIGNALS WHEN A PAGE OF DATA IS CHANGED OR WHEN THE DIRECTORY ENTRY MUST BE REUSED. THIS IS A SNAPSHOT VALUE AND IS NOT AFFECTED BY WHETHER THIS IS AN INCREMENTAL OR CUMULATIVE DISPLAY.
QW0254TE	INT	4	DATA-ENTRY COUNTER. THIS IS THE NUMBER OF DATA ENTRIES ALLOCATED FOR THE COUPLING FACILITY CACHE STRUCTURE (DB2 GROUP BUFFER POOL). DATA ENTRIES ARE THE ACTUAL PLACES WHERE THE DATA PAGE RESIDES. THIS IS A SNAPSHOT VALUE AND IS NOT AFFECTED BY WHETHER THIS IS AN INCREMENTAL OR CUMULATIVE DISPLAY.
QW0254TC	INT	4	TOTAL CHANGED COUNTER. THIS IS THE SNAPSHOT VALUE OF THE CURRENT NUMBER OF CHANGED PAGES. THE DISPLAYED VALUE OF THIS COUNTER IS NOT AFFECTED BY WHETHER THIS IS AN INCREMENTAL OR CUMULATIVE DISPLAY.
QW02542W	INT	4	CHANGED PAGE WRITE-HIT COUNTER FOR THE SECONDARY GROUP BUFFER POOL. THIS IS THE NUMBER OF SUCCESSFULLY COMPLETED COUPLING FACILITY WRITE REQUESTS FOR CHANGED PAGES.
QW02542F	INT	4	WRITE-MISS-CACHE-FULL COUNTER FOR THE SECONDARY GROUP BUFFER POOL. THIS IS THE NUMBER OF COUPLING FACILITY WRITE REQUESTS THAT COULD NOT COMPLETE BECAUSE OF INSUFFICIENT COUPLING FACILITY STORAGE RESOURCES.
QW02542D	INT	4	DIRECTORY-ENTRY COUNTER FOR THE SECONDARY GROUP BUFFER POOL. THIS IS THE SNAPSHOT VALUE OF THE NUMBER OF ALLOCATED DIRECTORY ENTRIES.
QW02542T	INT	4	DATA-ENTRY COUNTER FOR THE SECONDARY GROUP BUFFER POOL. THIS IS THE SNAPSHOT VALUE OF THE NUMBER OF ALLOCATED DATA ENTRIES.
QW02542C	INT	4	TOTAL-CHANGED COUNTER FOR THE SECONDARY GROUP BUFFER POOL. THIS IS THE SNAPSHOT VALUE OF THE NUMBER OF ALLOCATED DATA ENTRIES THAT ARE CURRENTLY IN CHANGED STATE.

Secondary segment: **SMF102_QW0255**

Field Name	Type	Len	Description
<i>SMF102_QW0255.<fieldname></i>			
QW0255NM	CHAR	16	NAME OF THE PAGE WHOSE BUFFER WAS CROSS-INVALIDATED.
QW0255DB	CHAR	2	DATABASE IDENTIFIER (DBID).
QW0255OB	CHAR	2	PAGE SET OBJECT IDENTIFIER (OBID).
QW0255PN	CHAR	1	DATA SET NUMBER OR PARTITION NUMBER OF THE PAGE SET.
QW0255PG	CHAR	3	RELATIVE PAGE NUMBER WITHIN THE DATA SET.
QW0255P1	CHAR	2	2-BYTE DATA SET NUMBER OR PARTITION NUMBER.
QW0255P2	CHAR	4	4-BYTE RELATIVE PAGE NUMBER WITHIN THE DATA SET.
QW0255BP	CHAR	1	INTERNAL IDENTIFIER OF THE BUFFER POOL.
QW0255AS	CHAR	1	SYNCHRONOUS OR ASYNCHRONOUS:
QW0255DR	CHAR	1	WHETHER DATA WAS RETURNED FROM THE GROUP BUFFER POOL:
QW0255AC	INT	4	ACE TOKEN OF THE REQUESTER. THIS ADDRESS TIES THE COUPLING FACILITY READ REQUESTS FOR PREFETCH TO THE ALLIED AGENT OR DATABASE ACCESS THREAD.

Secondary segment: **SMF102_QW0256**

Field Name	Type	Len	Description
SMF102_QW0256.<fieldname>			
QW0256GB	CHAR	8	GROUP BUFFER POOL NAME.
QW0256OR	CHAR	6	RATIO VALUE FOR THE NUMBER OF DIRECTORY ENTRIES TO THE NUMBER OF DATA PAGES BEFORE THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256NR FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0256OC	HEX	1	CLASST VALUE BEFORE THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. THIS IS THE THRESHOLD AT WHICH CLASS CASTOUT IS STARTED. SEE QW0256NC FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0256OG	HEX	1	GBPOOLT VALUE BEFORE THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. THIS IS THE THRESHOLD AT WHICH DATA IN THE GROUP BUFFER POOL IS CAST OUT TO DASD. SEE QW0256NG FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0256OK	HEX	4	GBPCHKPT VALUE BEFORE THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. THIS IS THE TIME INTERVAL BETWEEN SUCCESSIVE CHECKPOINTS OF THE GROUP BUFFER POOL. SEE QW0256NK FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0256NR	CHAR	6	RATIO VALUE FOR THE NUMBER OF DIRECTORY ENTRIES TO THE NUMBER OF DATA PAGES AFTER THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256OR FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0256NC	HEX	1	CLASST VALUE AFTER THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256OC FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0256NG	HEX	1	GBPOOLT VALUE AFTER THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256OG FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0256ON	HEX	2	OLD CLASST VALUE, BASED ON THE NUMBER OF PAGES.
QW0256NN	HEX	2	NEW CLASST VALUE, BASED ON THE NUMBER OF PAGES.
QW0256NK	HEX	4	GBPCHKPT VALUE AFTER THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256OK FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0256OA	CHAR	1	AUTOREC VALUE BEFORE THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. THIS SPECIFIES WHETHER DB2 SHOULD AUTOMATICALLY RECOVER IN CASE THE GROUP BUFFER POOL SHOULD FAIL. SEE QW0256NA FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0256NA	CHAR	1	AUTOREC VALUE AFTER THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256OA FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.
QW0256OB	CHAR	1	GBPCACHE VALUE BEFORE THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. THIS VALUE INDICATES WHETHER DB2 SHOULD WRITE CHANGED PAGES FOR GROUP BUFFER POOL DEPENDENT PAGESETS OR PARTITIONS DIRECTLY TO DASD AND USE THE GROUP BUFFER POOL ONLY FOR SENDING XI SIGNALS. SEE QW0256NB FOR THE VALUE AFTER THE COMMAND WAS ISSUED.
QW0256NB	CHAR	1	GBPCACHE VALUE AFTER THE ALTER GROUPBUFFERPOOL COMMAND WAS ISSUED. SEE QW0256OB FOR THE VALUE BEFORE THE COMMAND WAS ISSUED.

Secondary segment: SMF102_QW0257D1

Field Name	Type	Len	Description
<i>SMF102_QW0257D1.<fieldname></i>			
QW0257LK	CHAR	32	LOCK RESOURCE NAME FOR WHICH THE NOTIFY MESSAGE IS SENT.
QW0257TK	CHAR	4	(S) LOCK TOKEN.
QW0257ST	HEX	1	LOCK STATE. IF NONZERO, ONLY THE LOCK HOLDERS IN THE SPECIFIED STATE ARE NOTIFIED. IF ZERO, ALL LOCK HOLDERS, REGARDLESS OF THE HELD STATE, ARE NOTIFIED. THIS FIELD APPLIES ONLY FOR SEND.
QW0257RM	HEX	1	(S) RMID.
QW0257FC	HEX	1	(S) FCODE.
QW0257FL	HEX	1	TYPE OF REQUEST. THIS FIELD APPLIES ONLY FOR SEND.
QW0257NU	INT	2	NUMBER OF LOCK HOLDERS NOTIFIED. THIS FIELD APPLIES ONLY FOR SEND.
QW0257OP	CHAR	1	NOTIFY OPERATION:
QW0257RC	HEX	4	(S) RETURN CODE.
QW0257RS	HEX	2	(S) REASON CODE.
QW0257B1	HEX	1	(S) BYTE 1 OF REASON CODE.
QW0257B2	HEX	1	(S) BYTE 2 OF REASON CODE.

Secondary segment: SMF102_QW0257D2

Field Name	Type	Len	Description
<i>SMF102_QW0257D2.<fieldname></i>			
QW0257LL	HEX	4	(S) MESSAGE LENGTH.
QW0257MS	CHAR	250	(S) FIRST 254 BYTES OF MESSAGE.

Secondary segment: SMF102_QW0258

Field Name	Type	Len	Description
<i>SMF102_QW0258.<fieldname></i>			
QW0258DS	CHAR	44	DATA SET NAME.
QW0258TS	TSTMP	8	TIMESTAMP AFTER EXTEND COMPLETED.
QW0258DB	INT	2	DATABASE ID (DBID).
QW0258PS	INT	2	PAGE SET ID (PSID).
QW0258DN	CHAR	8	DATABASE NAME.
QW0258TN	CHAR	8	TABLE OR INDEX SPACE NAME.
QW0258PQ	INT	4	PRIMARY ALLOCATION QUANTITY IN UNITS OF 4KB.
QW0258SQ	INT	4	SECONDARY ALLOCATION QUANTITY IN UNITS OF 4KB.
QW0258MS	INT	4	MAXIMUM DATA SET SIZE IN UNITS OF 4KB.
QW0258HB	INT	4	HIGH ALLOCATED SPACE BEFORE THE EXTEND IN UNITS OF 4KB.
QW0258HA	INT	4	HIGH ALLOCATED SPACE AFTER THE EXTEND IN UNITS OF 4KB.

QW0258XM	INT	2	MAXIMUM NUMBER OF EXTENTS FOR THE VSAM DATA SET.
QW0258XB	INT	2	NUMBER OF EXTENTS BEFORE THE EXTEND.
QW0258XA	INT	2	NUMBER OF EXTENTS AFTER THE EXTEND.
QW0258VM	INT	2	MAXIMUM NUMBER OF VOLUMES FOR THE VSAM DATA SET.
QW0258VB	INT	2	NUMBER OF VOLUMES BEFORE THE EXTEND.
QW0258VA	INT	2	NUMBER OF VOLUMES AFTER THE EXTEND.

Secondary segment: **SMF102_QW0259**

Field Name	Type	Len	Description
<i>SMF102_QW0259.<fieldname></i>			
QW0259EV	CHAR	1	(S) EVENT CAUSING THE P-LOCK OPERATION. FIELDS QW0259EC THROUGH QW0259EW ARE CONSTANTS FOR QW0259EV.
QW0259IF	HEX	1	IRLM FUNCTION CODE. FIELDS QW0259IL THROUGH QW0259IP ARE CONSTANTS FOR QW0259IF.
QW0259OB	CHAR	1	TYPE OF OBJECT. FIELDS QW0259OD THROUGH QW0259OS ARE CONSTANTS FOR QW0259OB.
QW0259ST	CHAR	1	P-LOCK STATE REQUESTED FOR LOCK OR CHANGE. IF QW0259IF=QW0259IP, THIS IS THE P-LOCK STATE REQUESTED BY THE OTHER MEMBER. FIELDS QW0259S0 THROUGH QW0259FF ARE CONSTANTS FOR FOR QW0259ST, QW0259PS, AND QW0259NS.
QW0259LK	CHAR	32	P-LOCK RESOURCE NAME.
QW0259KL	INT	1	LENGTH OF P-LOCK NAME.
QW0259KT	HEX	1	TYPE OF P-LOCK.
QW0259KU	HEX	1	THE INTERNAL IDENTIFIER OF THE BUFFER POOL. '0' THROUGH '49' ARE IDENTIFIERS FOR 4KB BUFFER POOLS. '100' THROUGH '109' ARE IDENTIFIERS FOR 8KB BUFFER POOLS. '120' THROUGH '129' ARE IDENTIFIERS FOR 16KB BUFFER POOLS. '80' THROUGH '89' ARE IDENTIFIERS FOR 32KB BUFFER POOLS.
QW0259KD	CHAR	2	DATABASE IDENTIFIER (DBID).
QW0259KP	CHAR	2	PAGE SET OBJECT IDENTIFIER (OBID).
QW0259KR	CHAR	2	PARTITION NUMBER. THIS FIELD IS ZERO IF THIS IS A NON-PARTITIONED PAGE SET.
QW0259K4	CHAR	4	4-BYTE RELATIVE PAGE NUMBER, FOR AN OBJECT THAT USES RELATIVE PAGE NUMBERING.
QW0259KQ	CHAR	3	RELATIVE PAGE NUMBER, FOR AN OBJECT THAT DOES NOT USE RELATIVE PAGE NUMBERING. THIS FIELD OVERLAYS THE FIRST THREE BYTES OF FIELD QW0259K4.
QW0259TK	CHAR	4	(S) LOCK TOKEN.
QW0259PS	HEX	1	PREVIOUSLY HELD P-LOCK STATE. SEE QW0259ST FOR P-LOCK STATE CONSTANTS.
QW0259NS	HEX	1	NEWLY HELD P-LOCK STATE. SEE QW0259ST FOR P-LOCK STATE CONSTANTS. THIS FIELD = QW0251FF IF THE REQUEST WAS DENIED.
QW0259RC	INT	4	(S) IRLM RETURN CODE.
QW0259RS	HEX	4	(S) IRLM RETURN SUBCODES.
QW0259PC	INT	2	(S) P-LOCK EXIT REASON CODE.
QW0259F1	HEX	1	REQUEST FLAGS:
QW0259DB	CHAR	8	IF QW0259IF IS NOT EQUAL TO X'FF', THIS IS THE DB2 MEMBER IN CONFLICT WITH THIS REQUEST. THIS APPLIES ONLY IF THE P-LOCK IS REJECTED. IF QW0259IF EQUALS X'FF', THIS IS THE DB2 MEMBER

			NAME IN CONFLICT WITH THIS MEMBER'S CURRENTLY HELD P-LOCK STATE.
--	--	--	--

Secondary segment: **SMF102_QW0260**

Field Name	Type	Len	Description
<i>SMF102_QW0260.<fieldname></i>			
QW0260P1	INT	4	(S) z/OS CROSS-SYSTEM EXTENDED SERVICES (XES) RETURN CODE.
QW0260P2	INT	4	(S) XES REASON CODE.
QW0260N1	CHAR	8	(S) 'RESTOKEN' FOR CROSS-INVALIDATE, DELETE-NAME, READ-DIRINFO, OR RESET-REFBIT.
QW0260Q3	INT	4	(S) CASTOUT CLASS FEEDBACK FOR WRITE.
QW0260P3	CHAR	4	(S) FIRST 4 BYTES OF 'RESTOKEN'.
QW0260P4	CHAR	4	(S) LAST 4 BYTES OF 'RESTOKEN'.
QW0260P5	CHAR	4	(S) CCIH CONTENTS FOR READ-STATS COCLASSB.
QW0260RN	CHAR	2	(S) NUMBER OF RELIABLE DIRLIST ELEMENTS FOR READ-DIRINFO. NUMBER OF RELIABLE DIRINFO ELEMENTS FOR READ-DIRINFO.
QW0260UN	CHAR	1	(S) INDEX OF FIRST UNPROCESSED NAMELIST FOR UNLOCK-CASTOUT.

Secondary segment: **SMF102_QW0261**

Field Name	Type	Len	Description
<i>SMF102_QW0261.<fieldname></i>			
QW0261BP	INT	4	BUFFER POOL INTERNAL ID (0-49 AND 80-89).
QW0261RD	INT	4	NUMBER OF COUPLING FACILITY REQUESTS TO READ DIRECTORY
QW0261DP	INT	4	NUMBER OF DIRECTORY ENTRIES PROCESSED FOR CHANGED PAGES.
QW0261PL	INT	4	NUMBER OF PAGE SETS AND PARTITIONS FOR WHICH CASTOUT INITIATED WITHOUT SENDING A MESSAGE (LOCALLY INITIATED).
QW0261PN	INT	4	NUMBER OF PAGE SETS AND PARTITIONS FOR WHICH CASTOUT WAS INITIATED BY SENDING A MESSAGE TO THE CASTOUT OWNER.
QW0261PD	INT	4	NUMBER OF PAGE SET OR PARTITION CASTOUT P-LOCKS OBTAINED BY THE GROUP BUFFER POOL CHECKPOINT PROCESS.
QW0261PS	INT	4	NUMBER OF PAGE SETS AND PARTITIONS FOR WHICH CASTOUT HAD TO BE INITIATED BY A SPECIAL CASTOUT PROCESS BECAUSE THE CASTOUT OWNER DID NOT EXIST FOR THE PAGE SET OR PARTITION.
QW0261OL	CHAR	10	THE GLOBAL RECOVERY LOG RECORD SEQUENCE NUMBER (LRSN) FROM THE GROUP BUFFER POOL CHECKPOINT PRIOR TO THIS ONE.
QW0261NL	CHAR	10	THE GLOBAL RECOVERY LRSN FOR THIS GROUP BUFFER POOL CHECKPOINT. MINIMUM(QW0261NL, QW0261NM) IS THE EARLIEST POINT FROM WHICH RECOVERY MUST START IF THE GROUP BUFFER POOL FAILS.
QW0261OM	CHAR	10	THE MINIMUM RESTART/REDO POINT IN THE DATA SHARING GROUP AT THE GROUP BUFFER POOL CHECKPOINT BEFORE THIS ONE. GROUP AT THIS GROUP BUFFER POOL CHECKPOINT.

QW0261NM	CHAR	10	THE MINIMUM RESTART/REDO POINT IN THE DATA SHARING MINIMUM(QW0261NL,QW0261NM) IS THE EARLIEST POINT FROM WHICH RECOVERY MUST START IF THE GROUP BUFFER POOL FAILS.
QW0261TS	TSTMP	8	TIMESTAMP AT WHICH GROUP BUFFER POOL CHECKPOINT PROCESSING STARTED. QWHSSTCK RECORDS THE ENDING TIMESTAMP.

Secondary segment: **SMF102_QW0262**

Field Name	Type	Len	Description
<i>SMF102_QW0262.<fieldname></i>			
QW0262BP	INT	4	BUFFER POOL INTERNAL ID (0-49 AND 80-89).
QW0262DP	INT	4	NUMBER OF CHANGED PAGES IN THE GROUP BUFFER POOL.
QW0262GT	INT	4	NUMBER OF CHANGED PAGES THAT IS REQUIRED TO REACH THE GBPOOLT THRESHOLD. THIS IFCID IS WRITTEN ONLY IF THE GBPOOLT THRESHOLD HAS BEEN REACHED (QW0262DP>=QW0262GT).
QW0262FC	INT	2	FIRST CASTOUT CLASS PROCESSED.
QW0262LC	INT	2	LAST CASTOUT CLASS PROCESSED. SOMETIMES QW0262LC<QW0262FC. THIS CAN HAPPEN IF DB2 WRAPS AROUND THE END OF THE CASTOUT CLASS NUMBERS.
QW0262RS	INT	4	NUMBER OF COUPLING FACILITY REQUESTS TO READ CASTOUT STATISTICS.
QW0262RC	INT	4	NUMBER OF COUPLING FACILITY 'READ CASTOUT CLASS' REQUESTS.
QW0262CP	INT	4	NUMBER OF CHANGED PAGE NAMES THAT WERE PASSED TO THE PAGE SET AND PARTITION CASTOUT OWNERS FOR CASTOUT.
QW0262PL	INT	4	NUMBER OF PAGE SETS AND PARTITIONS FOR WHICH CASTOUT WAS INITIATED WITHOUT SENDING A MESSAGE TO THE CASTOUT OWNER (LOCALLY INITIATED).
QW0262PN	INT	4	NUMBER OF PAGE SETS AND PARTITIONS FOR WHICH CASTOUT WAS INITIATED BY SENDING A NOTIFY MESSAGE TO THE CASTOUT OWNER.
QW0262PD	INT	4	NUMBER OF PAGE SET OR PARTITION CASTOUT P-LOCKS OBTAINED BY THE GBPOOLT (GROUP BUFFER POOL CASTOUT THRESHOLD) PROCESS.
QW0262TS	TSTMP	8	THE TIMESTAMP THAT GROUP BUFFER POOL CASTOUT PROCESSING STARTED. QWHSSTCK RECORDS THE ENDING TIMESTAMP.

Secondary segment: **SMF102_QW0263**

Field Name	Type	Len	Description
<i>SMF102_QW0263.<fieldname></i>			
QW0263BP	INT	4	BUFFER POOL INTERNAL ID (0-49 AND 80-89).
QW0263RS	CHAR	1	THE REASON CASTOUT WAS INVOKED. THERE MAY BE MORE THAN ONE REASON.
QW0263FL	HEX	1	(S) FLAGS:
QW0263DB	CHAR	2	DATABASE ID.
QW0263PS	CHAR	2	PAGE SET OBID.

QW0263PT	CHAR	2	PARTITION NUMBER. 0 IF THIS IS A NON-PARTITIONED PAGE SET.
QW0263PB	INT	4	NUMBER OF PRIVATE BUFFERS ALLOCATED TO THIS ENGINE (IN 4K INCREMENTS).
QW0263CD	INT	4	NUMBER OF COUPLING FACILITY REQUESTS TO CAST OUT DATA.
QW0263UN	INT	4	NUMBER OF COUPLING FACILITY REQUESTS TO UNLOCK FOR CASTOUT.
QW0263RC	INT	4	NUMBER OF COUPLING FACILITY REQUESTS TO READ CASTOUT CLASS.
QW0263DN	INT	4	NUMBER OF COUPLING FACILITY DELETE NAME REQUESTS.
QW0263IO	INT	4	NUMBER OF WRITE I/O REQUESTS.
QW0263TS	TSTMP	8	THE TIMESTAMP THAT CASTOUT PROCESSING STARTED. QWHSSTCK RECORDS THE ENDING TIMESTAMP.
QW02632D	INT	4	NUMBER OF IXLCACHE DELETE-NAME-LIST REQUESTS TO THE SECONDARY GROUP BUFFER POOL FOR DUPLEXING.
QW0263RD	INT	2	NUMBER OF REDRIVES FOR DELETE_NAME TO THE SECONDARY GROUP BUFFER POOL FOR DUPLEXING.
QW02632R	INT	2	
QW0263TD	INT	4	TIME IN MICROSECONDS SPENT DOING DELETE_NAME TO PRIMARY GROUP BUFFER POOL.
QW02632T	INT	4	TIME IN MICROSECONDS SPENT DOING DELETE_NAME TO SECONDARY GROUP BUFFER POOL.
QW0263S1	CHAR	2	(S) NAME CLASS QUEUE MASK FOR DELETE_NAME OPERATIONS (S) AGAINST THE PRIMARY GROUP BUFFER POOL.
QW0263S2	CHAR	2	(S) NAME CLASS QUEUE MASK FOR DELETE_NAME OPERATIONS (S) AGAINST THE SECONDARY GROUP BUFFER POOL.

Secondary segment: **SMF102_QW0264**

Field Name	Type	Len	Description
<i>SMF102_QW0264.<fieldname></i>			
QW0264DP	FLOAT	8	(S) DICTIONARY ADDRESS.
QW0264DV	CHAR	8	(S) DICTIONARY VERSION.
QW0264PL	CHAR	8	(S) PLAN NAME.
QW0264OI	CHAR	4	(S) DBID AND OBID.
QW0264PN	INT	2	(S) PART NUMBER.
QW0264FN	CHAR	1	(S) FUNCTION CODE.
QW0264FL	HEX	1	(S) FLAGS.
QW0264UT	CHAR	4	(S) UTILITY FLAGS.

Secondary segment: **SMF102_QW0265**

Field Name	Type	Len	Description
<i>SMF102_QW0265.<fieldname></i>			
QW0265ID	CHAR	1	(S) FUNCTION CODE. FIELDS QW0265FA THROUGH QW0265FM ARE CONSTANTS FOR QW0265ID.
QW0265OB	CHAR	8	(S) OBJECT NAME.

QW0265NM	CHAR	16	(S) ENTRY NAME.
QW0265HR	INT	2	(S) LIST HEADER NUMBER.
QW0265N1	CHAR	14	(S) ENTRY NAME SUPPLIED BY THE USER.
QW0265BF	HEX	4	(S) BUFFER ADDRESS.
QW0265TK	CHAR	8	(S) CONTINUE TOKEN FOR READ OBJECT.

Secondary segment: **SMF102_QW0266**

Field Name	Type	Len	Description
<i>SMF102_QW0266.<fieldname></i>			
QW0266RC	INT	4	(S) RETURN CODE.
QW0266RS	INT	4	(S) REASON CODE.
QW0266TK	CHAR	8	(S) CONTINUE TOKEN FOR READ OBJECT.

Secondary segment: **SMF102_QW0267**

Field Name	Type	Len	Description
<i>SMF102_QW0267.<fieldname></i>			
QW0267RS	CHAR	1	OPERATION. QW0267FL THROUGH QW0267AL ARE CONSTANTS FOR QW0267RS.
QW0267NM	CHAR	16	STRUCTURE NAME.
QW0267F1	CHAR	1	(S) FLAGS.
QW0267SZ	INT	4	REQUESTED SIZE OF THE CF STRUCTURE IN 4KB INCREMENTS.
QW0267ER	INT	2	(S) REQUESTED ENTRY PORTION OF THE ENTRY-TO-ELEMENT RATIO.
QW0267LR	INT	2	(S) REQUESTED ELEMENT PORTION OF THE ENTRY-TO-ELEMENT RATIO.
QW0267F2	CHAR	2	(S) FLAGS.
QW0267ME	HEX	1	(S) PERCENT OF AVAILABLE ENTRIES.
QW0267ML	HEX	1	(S) PERCENT OF AVAILABLE ELEMENTS.

Secondary segment: **SMF102_QW0268**

Field Name	Type	Len	Description
<i>SMF102_QW0268.<fieldname></i>			
QW0268FC	CHAR	1	OPERATION. QW0268FR THROUGH QW0268AL ARE CONSTANTS FOR QW0268FC.
QW0268RC	CHAR	1	RESULT OF THE OPERATION. QW0268OK THROUGH QW0268ST ARE CONSTANTS FOR QW0268RC.
QW0268RS	CHAR	1	REASON CODE IF THE REBUILD, EXPAND, OR CONTRACT OPERATION WAS STOPPED (QW0168RC=QW0168ST).
QW0268BT	TSTMP	8	TIMESTAMP AT START OF THE OPERATION. SEE QWHSSTCK FOR THE TIMESTAMP AT THE END OF THE OPERATION.

QW0268NM	CHAR	16	STRUCTURE NAME.
QW0268MS	INT	4	CURRENT MINIMUM STRUCTURE SIZE IN INCREMENTS OF 4KB. THIS FIELD IS NOT VALID IF QW0268RC=QW0268ST.
QW0268CS	INT	4	CURRENT STRUCTURE SIZE IN 4KB INCREMENTS. THIS FIELD IS NOT VALID IF QW0268RC=QW0268ST.
QW0268DN	INT	4	CURRENT COUNT OF DIRECTORY ENTRIES FOR GROUP BUFFER POOLS. THIS FIELD IS NOT VALID IF QW0268RC=QW0268ST. (S) FOR THE SCA AND LOCK STRUCTURE THIS IS AN IBM SERVICEABILITY FIELD.
QW0268TN	INT	4	CURRENT COUNT OF ELEMENTS. FOR GROUP BUFFER POOLS WITH A 4 KB PAGE SIZE, THE ELEMENT COUNT EQUALS THE DATA ENTRY COUNT. FOR GROUP BUFFER POOLS WITH A 32 KB PAGE SIZE, THE ELEMENT COUNT IS 8 TIMES THE DATA ENTRY COUNT. FOR GROUP BUFFER POOLS WITH AN 8 KB PAGE SIZE, THE ELEMENT COUNT IS 2 TIMES THE DATA ENTRY COUNT. FOR GROUP BUFFER POOLS WITH A 16 KB PAGE SIZE, THE ELEMENT COUNT IS 4 TIMES THE DATA ENTRY COUNT. THIS FIELD IS NOT VALID IF QW0268RC=QW0268ST. (S) FOR THE SCA AND LOCK STRUCTURES, THIS IS AN IBM SERVICEABILITY FIELD.
QW0268OV	CHAR	16	VERSION IDS FOR THE OLD PRIMARY AND SECONDARY STRUCTURE.
QW0268NV	CHAR	16	VERSION IDS FOR THE NEW PRIMARY AND SECONDARY STRUCTURE.

Secondary segment: **SMF102_QW0269**

Field Name	Type	Len	Description
<i>SMF102_QW0269.<fieldname></i>			
QW0269_1	CHAR	1	SECTION 1 OF THE IFCID 0269 RECORD:
QW0269TY	CHAR	1	TYPE OF TRUSTED CONNECTION:
QW0269ST	CHAR	1	STATUS OF THE EVENT:
QW0269SQ	INT	4	SQLCODE FROM THE EVENT.
QW0269TC_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE TRUSTED CONTEXT NAME.
QW0269SA_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE SYSTEM AUTHORIZATION ID THAT WAS USED.
QW0269RC_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE ROLE THAT IS ASSOCIATED WITH THE CONTEXT.
QW0269OT	CHAR	1	OWNER OF THE OBJECTS THAT ARE CREATED USING THE TRUSTED CONTEXT:
QW0269SL	CHAR	8	SECURITY LABEL.
QW0269AD_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE TCP/IP ADDRESS.
QW0269SR_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE SERVAUTH NAME.
QW0269EC_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE ENCRYPTION VALUE.
QW0269JN_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE JOB NAME.
QW0269RA_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE REUSE AUTHORIZATION ID.
QW0269RU_Off	INT	2	OFFSET FROM THE BEGINNING OF THE RECORD TO THE USER ROLE.
QW0269PR_Off	INT	2	

			OFFSET FROM THE BEGINNING OF THE RECORD TO THE EXTERNAL SECURITY PROFILE NAME.
QW0269_2	CHAR	1	BEGINNING OF IFCID 0269 SECTION 2: SECONDARY ROLES:
QW0269RS	INT	2	TOTAL NUMBER OF SECONDARY ROLES FOR THE USER.
QW0269RT	INT	2	TOTAL NUMBER OF SECONDARY ROLES THAT ARE TRACED.
QW0269RN	VCHAR	2 130	First entry in ... A LIST OF SECONDARY ROLE NAMES THAT ARE TRACED. THE LIST LENGTH IS AT MOST 4000 BYTES. EACH ROLE NAME MAPS TO AN INSTANCE OF QW0269RN_VAR.

Secondary segment: **SMF102_QW0269TC_D**

Field Name	Type	Len	Description
<i>SMF102_QW0269TC_D.<fieldname></i>			
QW0269TC_Len	INT	2	LENGTH OF QW0269TC_VAR.
QW0269TC_Var	XVCHAR	0 128	%U TRUSTED CONTEXT NAME.

Secondary segment: **SMF102_QW0269SA_D**

Field Name	Type	Len	Description
<i>SMF102_QW0269SA_D.<fieldname></i>			
QW0269SA_Len	INT	2	LENGTH OF QW0269SA_VAR.
QW0269SA_Var	XVCHAR	0 128	%U SYSTEM AUTHORIZATION ID THAT IS USED TO ESTABLISH THE TRUSTED CONNECTION.

Secondary segment: **SMF102_QW0269RC_D**

Field Name	Type	Len	Description
<i>SMF102_QW0269RC_D.<fieldname></i>			
QW0269RC_Len	INT	2	LENGTH OF QW0269RC_VAR.
QW0269RC_Var	XVCHAR	0 128	%U DEFAULT CONTEXT ROLE.

Secondary segment: **SMF102_QW0269AD_D**

Field Name	Type	Len	Description
<i>SMF102_QW0269AD_D.<fieldname></i>			
QW0269AD_Len	INT	2	LENGTH OF QW0269AD_VAR.
QW0269AD_Var	XVCHAR	0 254	%U ACTUAL TCP/IP ADDRESS THAT IS USED FOR THE CONNECTION.

Secondary segment: SMF102_QW0269SR_D

Field Name	Type	Len	Description
<i>SMF102_QW0269SR_D.<fieldname></i>			
QW0269SR_Len	INT	2	LENGTH OF QW0269SR_VAR.
QW0269SR_Var	XVCHAR	0 254	%U SERVAUTH TCP/IP SECURITY ZONE NAME.

Secondary segment: SMF102_QW0269EC_D

Field Name	Type	Len	Description
<i>SMF102_QW0269EC_D.<fieldname></i>			
QW0269EC_Len	INT	2	LENGTH OF QW0269EC_VAR.
QW0269EC_Var	CHAR	254	%U ENCRYPTION VALUE TO BE ASSOCIATED WITH THE ENCRYPTION TRUST ATTRIBUTE FOR A TRUSTED CONTEXT. POSSIBLE VALUES ARE 'NONE', 'LOW', OR 'HIGH'.

Secondary segment: SMF102_QW0269JN_D

Field Name	Type	Len	Description
<i>SMF102_QW0269JN_D.<fieldname></i>			
QW0269JN_Len	INT	2	LENGTH OF QW0269JN_VAR.
QW0269JN_Var	XVCHAR	0 254	%U JOB NAME, FOR A LOCAL APPLICATION.

Secondary segment: SMF102_QW0269RA_D

Field Name	Type	Len	Description
<i>SMF102_QW0269RA_D.<fieldname></i>			
QW0269RA_Len	INT	2	LENGTH OF QW0269RA_VAR.
QW0269RA_Var	XVCHAR	0 128	%U AUTHORIZATION ID UNDER WHICH A TRUSTED CONNECTION IS REUSED.

Secondary segment: SMF102_QW0269RU_D

Field Name	Type	Len	Description
<i>SMF102_QW0269RU_D.<fieldname></i>			
QW0269RU_Len	INT	2	LENGTH OF QW0269RU_VAR.
QW0269RU_Var	XVCHAR	0 128	%U USER ROLE.

Secondary segment: SMF102_QW0269PR_D

Field Name	Type	Len	Description
SMF102_QW0269PR_D.<fieldname>			
QW0269PR_Len	INT	2	LENGTH OF QW0269PR_VAR.
QW0269PR_Var	XVCHAR	0 128	%U RACF PROFILE NAME THAT CONTAINS THE AUTHORIZATION IDS THAT CAN USE THE CONNECTION IN THE TRUSTED CONTEXT.

Secondary segment: SMF102_QW0269RN_D

Field Name	Type	Len	Description
SMF102_QW0269RN_D.<fieldname>			
QW0269RN_Len	INT	2	LENGTH OF QW0269RN_VAR.
QW0269RN_Var	XVCHAR	0 128	%U A SECONDARY ROLE NAME THAT IS TRACED.

Secondary segment: SMF102_QW0270

Field Name	Type	Len	Description
SMF102_QW0270.<fieldname>			
QW0270TY	CHAR	1	STATEMENT TYPE:
QW0270SQ	INT	4	SQLCODE FROM CREATE OR ALTER TRUSTED CONTEXT STATEMENT.
QW0270SL	INT	4	STATEMENT LENGTH.
QW0270SS	CHAR	1	SQL STATEMENT TEXT. IF THE STATEMENT IS OVER 4000 BYTES, IT IS TRUNCATED.

Secondary segment: SMF102_QW0271

Field Name	Type	Len	Description
SMF102_QW0271.<fieldname>			
QW0271TY	CHAR	1	SQL STATEMENT TYPE:
QW0271OB	CHAR	1	OBJECT TYPE: 'R' = ROW PERMISSION. 'M' = COLUMN MASK.
QW0271SQ	INT	4	SQLCODE FROM EXECUTION OF CREATE, DROP, OR ALTER STATEMENT.
QW0271SL	INT	4	SQL STATEMENT LENGTH.
QW0271SS	CHAR	1	SQL STATEMENT TEXT, TRUNCATED AT 4000 BYTES.

Secondary segment: SMF102_QW0272

Field Name	Type	Len	Description
SMF102_QW0272.<fieldname>			

QW0272LN	CHAR	16	%U NAME OF THE LOCATION WHERE THE STORED PROCEDURE %U EXECUTES. %U IF QW0272LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0272PC	CHAR	18	%U PACKAGE COLLECTION ID. IF DB2 DOES NOT USE A PACKAGE TO %U EXECUTE THIS STATEMENT, THIS FIELD IS BLANK. %U IF QW0272PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0272PG	CHAR	18	%U PROGRAM NAME. %U IF QW0272PG_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0272TS	TSTMP	8	PRECOMPILE TIMESTAMP OF THE STORED PROCEDURE PROGRAM.
QW0272SN	INT	4	STATEMENT NUMBER THE OF ASSOCIATE LOCATORS STATEMENT.
QW0272LL	HEX	2	LENGTH OF LOCATION NAME WHERE STORED PROCEDURE RESIDES.
QW0272LP	CHAR	18	%U NAME OF LOCATION WHERE STORED PROCEDURE RESIDES. %U IF QW0272LP_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0272QL	HEX	2	LENGTH OF QUALIFIER OF STORED PROCEDURE.
QW0272QN	CHAR	18	%U QUALIFIER OF THE STORED PROCEDURE. %U IF QW0272QN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0272PL	HEX	2	LENGTH OF STORED PROCEDURE NAME.
QW0272PN	CHAR	18	%U STORED PROCEDURE NAME. %U IF QW0272PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0272NL	HEX	2	NUMBER OF LOCATORS REFERENCED IN THE ASSOCIATE LOCATORS STATEMENT.
QW0272LN_Off	INT	2	IF QW0272LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0272LN_LEN.
QW0272PC_Off	INT	2	IF QW0272PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0272PC_LEN.
QW0272PG_Off	INT	2	IF QW0272PG IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0272PG_LEN.
QW0272LP_Off	INT	2	IF QW0272LP IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0272LP_LEN.
QW0272QN_Off	INT	2	IF QW0272QN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0272QN_LEN.
QW0272PN_Off	INT	2	IF QW0272PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0272PN_LEN.

Secondary segment: **SMF102_QW0273**

Field Name	Type	Len	Description
<i>SMF102_QW0273.<fieldname></i>			
QW0273LN	CHAR	16	%U NAME OF THE LOCATION WHERE THE STORED PROCEDURE %U EXECUTES. %U IF QW0273LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273PC	CHAR	18	%U PACKAGE COLLECTION ID. IF DB2 DOES NOT USE A PACKAGE TO %U EXECUTE THIS STATEMENT, THIS FIELD IS BLANK. %U IF QW0273PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273PG	CHAR	18	%U PROGRAM NAME. %U IF QW0273PG_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273TS	TSTMP	8	PRECOMPILE TIMESTAMP OF PROGRAM.
QW0273SN	INT	4	STATEMENT NUMBER OF ALLOCATE CURSOR STATEMENT.
QW0273CL	HEX	2	LENGTH OF CURSOR NAME IN ALLOCATE CURSOR STATEMENT.
QW0273CN	CHAR	18	%U NAME OF CURSOR IN ALLOCATE CURSOR STATEMENT. %U IF QW0273CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.

QW0273RL	HEX	2	LENGTH OF CURSOR NAME IN THE STORED PROCEDURE.
QW0273RN	CHAR	18	%U NAME OF CURSOR IN THE STORED PROCEDURE. %U IF QW0273RN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273LL	HEX	2	LENGTH OF LOCATION NAME WHERE STORED PROCEDURE RESIDES.
QW0273LP	CHAR	18	%U NAME OF LOCATION WHERE STORED PROCEDURE RESIDES. %U IF QW0273LP_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273QL	HEX	2	LENGTH OF QUALIFIER OF STORED PROCEDURE.
QW0273QN	CHAR	18	%U QUALIFIER OF THE STORED PROCEDURE. %U IF QW0273QN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273PL	HEX	2	LENGTH OF STORED PROCEDURE NAME.
QW0273PN	CHAR	18	%U STORED PROCEDURE NAME. %U IF QW0273PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0273LV	INT	4	VALUE OF THE LOCATOR ASSOCIATED WITH THE RESULT SET FOR WHICH THIS CURSOR IS DEFINED.
QW0273LN_Off	INT	2	IF QW0273LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0273 TO QW0273LN_LEN.
QW0273PC_Off	INT	2	IF QW0273PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0273 TO QW0273PC_LEN.
QW0273PG_Off	INT	2	IF QW0273PG IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0273 TO QW0273PG_LEN.
QW0273CN_Off	INT	2	IF QW0273CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0273 TO QW0273CN_LEN.
QW0273RN_Off	INT	2	IF QW0273RN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0273 TO QW0273RN_LEN.
QW0273LP_Off	INT	2	IF QW0273LP IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0273LP_LEN.
QW0273QN_Off	INT	2	IF QW0273QN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0272 TO QW0273QN_LEN.
QW0273PN_Off	INT	2	IF QW0273PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0273 TO QW0273PN_LEN.
QW0273CID	HEX	8	COMMAND SOURCE ID (CMDSRCID).
QW0273QID	HEX	8	QUERY INSTANCE ID (QRYINSID).

Secondary segment: **SMF102_QW0274**

Field Name	Type	Len	Description
SMF102_QW0274.<fieldname>			
QW0274SQ	XVCHAR	0 8192	NO DATA NEEDED FOR IFCID 274

Secondary segment: **SMF102_QW0275**

Field Name	Type	Len	Description
SMF102_QW0275.<fieldname>			
QW0275ND	XVCHAR	0 8192	NO DATA NEEDED FOR IFCID 275

Secondary segment: SMF102_QW0276

Field Name	Type	Len	Description
<i>SMF102_QW0276.<fieldname></i>			
QW0276ND	XVCHAR	0 8192	NO DATA NEEDED FOR IFCID 276

Secondary segment: SMF102_QW0277

Field Name	Type	Len	Description
<i>SMF102_QW0277.<fieldname></i>			
QW0277MN	CHAR	4	MODULE NAME.
QW0277HD	CHAR	4	RP OPCODE AND EYECATCHER.
QW0277RT	INT	4	RESERVED.
QW0277SA	INT	4	RESERVED.
QW0277SS	INT	4	AMOUNT OF STORAGE ACQUIRED, IN BYTES.
QW0277TC	INT	4	RESERVED.
QW0277RC	INT	4	RETURN CODE FROM STORAGE OBTAIN CALL.
QW0277ST	CHAR	1	WHETHER THE STORAGE ACQUIRED IS FOR A PARAMETER WITH A LOB DATA TYPE OR SOME OTHER DATA TYPE.
QW0277RP	FLOAT	8	RT POINTER.
QW0277SP	FLOAT	8	STORAGE POINTER.
QW0277TP	FLOAT	8	TCB POINTER.

Secondary segment: SMF102_QW0278

Field Name	Type	Len	Description
<i>SMF102_QW0278.<fieldname></i>			
QW0278MN	CHAR	4	MODULE NAME.
QW0278HD	CHAR	4	RP OPCODE AND EYECATCHER.
QW0278RT	INT	4	RESERVED.
QW0278SA	INT	4	RESERVED.
QW0278SS	INT	4	AMOUNT OF STORAGE FREED, IN BYTES.
QW0278TC	INT	4	RESERVED.
QW0278RC	INT	4	RETURN CODE FROM STORAGE RELEASE CALL.
QW0278ST	CHAR	1	WHETHER THE STORAGE RELEASED IS FOR A PARAMETER WITH A LOB DATA TYPE OR SOME OTHER DATA TYPE.
QW0278RP	FLOAT	8	RT POINTER.
QW0278SP	FLOAT	8	STORAGE POINTER.
QW0278TP	FLOAT	8	TCB POINTER.

Secondary segment: SMF102_QW0305

Field Name	Type	Len	Description
<i>SMF102_QW0305.<fieldname></i>			
QW0305CN	CHAR	18	%U CHECK CONSTRAINT NAME. %U IF QW0305CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0305CT	CHAR	30	CHECK CONSTRAINT TEXT (UP TO 30 CHARACTERS).
QW0305PT	HEX	2	PARTITION NUMBER, WHEN QW0305TY='R'.
QW0305LN	INT	4	LENGTH OF THE CHECK CONSTRAINT TEXT IN QW0305CT.
QW0305OB	INT	2	DATA OBJECT IDENTIFIER (OBID) OF THE TABLE ON WHICH THE CHECK CONSTRAINT IS DEFINED.
QW0305DB	INT	2	DATABASE IDENTIFIER (DBID) OF THE DATABASE FOR THE TABLE ON WHICH THE CHECK CONSTRAINT IS DEFINED.
QW0305OP	CHAR	20	OPERATION THAT IS USING THE CHECK CONSTRAINT FUNCTION. POSSIBLE VALUES ARE: - CREATE: A CHECK CONSTRAINT IS BEING DEFINED WITH A CREATE TABLE OPERATION. - ALTER ADD: A CHECK CONSTRAINT IS BEING DEFINED WITH AN ALTER TABLE OPERATION. - ALTER ADD ENFORCE: A CHECK CONSTRAINT IS BEING ENFORCED DURING AN ALTER TABLE OPERATION. - ALTER ADD DROP: A CHECK CONSTRAINT IS BEING REMOVED WITH AN ALTER TABLE OPERATION. - ENFORCE: A CHECK CONSTRAINT IS BEING ENFORCED. DB2 IS CHECKING THAT A ROW DOES NOT VIOLATE A CHECK CONSTRAINT.
QW0305RS	CHAR	3	RESULT OF ENFORCING THE CHECK CONSTRAINT.
QW0305X	CHAR	1	RESERVED
QW0305ID	CHAR	4	FOR A TABLE SPACE THAT IS NOT DEFINED AS LARGE, THE RECORD IDENTIFIER (RID) FOR THE RECORD THAT VIOLATED THE CHECK CONSTRAINT. FOR A LARGE TABLE SPACE, THE RECORD IDENTIFIER (RID) FOR THE RECORD THAT VIOLATED THE CHECK CONSTRAINT.
QW0305IL	CHAR	5	THIS FIELD OVERLAYS FIELDS QW0305X AND QW0305ID.
QW0305RR	CHAR	30	FIRST 30 CHARACTERS OF THE REJECTED RECORD THAT VIOLATED THE CHECK CONSTRAINT CONDITION.
QW0305TY	CHAR	1	TABLE SPACE TYPE: 'N' = 4-BYTE RIDS. THIS EXCLUDES LOB TABLE SPACES AND TABLE SPACES CREATED WITH THE LARGE OR DSSIZE OPTIONS. 'L' = 5-BYTE RID TABLE SPACE CREATED WITH THE LARGE OPTION OR WITH DSSIZE<=4GB. 'V' = 5-BYTE RID TABLE SPACE CREATED WITH DSSIZE>4GB. THIS IS AN EA-ENABLED TABLE SPACE. 'R' = RANGE-PARTITIONED TABLE SPACE THAT USES RELATIVE PAGE NUMBERING.
QW0305CN_Off	INT	2	IF QW0305CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0305 TO QW0305CN_LEN.

Secondary segment: SMF102_QW0306OF

Field Name	Type	Len	Description
<i>SMF102_QW0306OF.<fieldname></i>			
QW0306CS	CHAR	4	CONSTANT 'I306'.
QW0306AD	CHAR	128	RESERVED. THIS FIELD IS LARGER IN DB2 VERSION 10 THAN IN PREVIOUS RELEASES. A VERSION 10 OR LATER RECORD HAS 'V10' IN THE FIRST EIGHT BYTES OF OF THIS FIELD.
QW0306FT	CHAR	8	
QW0306LD	INT	4	LENGTH OF RETURNED DATA AREA AND STARTING LOCATION FOR SECTION OFFSETS.

Secondary segment: SMF102_QW0306

Field Name	Type	Len	Description
<i>SMF102_QW0306.<fieldname></i>			
QW0306FB	CHAR	14	THIS SECTION IS THE LOG FEEDBACK AREA.
QW0306ES	CHAR	10	END-OF-SCOPE LOG POINT RETURNED FOR A WQALMODF OR WQALMODN CALL WHEN THE END-OF-SCOPE LOG POINT IS NOT REACHED.
QW0306CT	HEX	4	COUNT OF LOG RECORDS IN THE RETURN AREA. THIS VALUE IS SET ONLY WHEN LOG RECORDS ARE RETURNED.

Secondary segment: SMF102_QW0306L

Field Name	Type	Len	Description
<i>SMF102_QW0306L.<fieldname></i>			
QW0306LH	CHAR	28	READ LOG HEADER COMMUNICATION AREA.
QW0306RC	INT	4	RETURN CODE FROM THE LOG READ FOR THE RECORD RETURNED IN QW0306LR.
QW0306RS	CHAR	4	REASON CODE FROM THE LOG READ FOR THE RECORD RETURNED IN QW0306LR.
QW0306DG	CHAR	4	DIAGNOSTIC INFORMATION RELATED TO THE RETURN AND REASON CODES IN QW0306RC AND QW0306RS.
QW0306RM	CHAR	12	RBA/LRSN WITH MEMBER ID.
QW0306RL	CHAR	10	RBA/LRSN.
QW0306MD	CHAR	2	MEMBER ID.
QW0306LR	CHAR	1	LOG RECORD DATA.

Secondary segment: SMF102_QW0311

Field Name	Type	Len	Description
<i>SMF102_QW0311.<fieldname></i>			
QW0311QN	CHAR	8	%U CREATOR OF THE TEMPORARY TABLE. %U IF QW0311QN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0311TN	CHAR	18	%U NAME OF THE TEMPORARY TABLE. %U IF QW0311TN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0311HO	CHAR	2	CURSOR HOLD STATUS:
QW0311TY	CHAR	2	TYPE OF WORK FILE ASSOCIATED WITH THE TEMPORARY TABLE:
QW0311OP	CHAR	2	OPERATION THAT IS USING THE TEMPORARY TABLE FUNCTION:
QW0311CN	CHAR	18	%U NAME OF THE CURSOR USED FOR FETCH OPERATIONS. THIS %U VALUE IS MEANINGFUL ONLY WHEN QW0311TY = 'C'. %U IF QW0311CN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0311CA	FLOAT	8	(S) ADDRESS OF THE CUB FOR THE CURSOR.
QW0311TA	FLOAT	8	(S) ADDRESS OF THE CUB FOR THE TEMPORARY TABLE.
QW0311CL	CHAR	4	(S) CALLER OF THE TEMPORARY TABLE TRACE ROUTINE.
QW0311LN	CHAR	16	%U LOCATION OF THE PACKAGE CONTAINING THE QUERY THAT USES %U THE TEMPORARY TABLE. %U IF QW0311LN_OFF IS NOT 0,

			THIS VALUE IS TRUNCATED.
QW0311PC	CHAR	18	%U NAME OF THE PACKAGE COLLECTION CONTAINING THE QUERY %U THAT USES THE TEMPORARY TABLE. %U IF QW0311PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0311PN	CHAR	8	%U NAME OF THE PROGRAM CONTAINING THE QUERY THAT USES %U THE TEMPORARY TABLE. %U IF QW0311PN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0311VN	CHAR	64	VERSION OF THE PACKAGE CONTAINING THE QUERY THAT USES THE TEMPORARY TABLE.
QW0311QN_Off	INT	2	IF QW0311QN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0311 TO QW0311QN_LEN.
QW0311TN_Off	INT	2	IF QW0311TN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0311 TO QW0311TN_LEN.
QW0311CN_Off	INT	2	IF QW0311CN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0311 TO QW0311CN_LEN.
QW0311LN_Off	INT	2	IF QW0311LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0311 TO QW0311LN_LEN.
QW0311PC_Off	INT	2	IF QW0311PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0311 TO QW0311PC_LEN.
QW0311PN_Off	INT	2	IF QW0311PN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0311 TO QW0311PN_LEN.

Secondary segment: **SMF102_QW0313**

Field Name	Type	Len	Description
<i>SMF102_QW0313.<fieldname></i>			
QW0313MG	CHAR	8	NUMBER OF THE DB2 MESSAGE THAT CONTAINS THE INFORMATION IN THIS RECORD.
QW0313CK	INT	2	IF QW0313TY IS NOT X'03', THE NUMBER OF CHECKPOINTS TAKEN. FOR INDOUBT URS, THIS FIELD CONTAINS -1. IF QW0313TY IS X'03', THIS FIELD CONTAINS 0.
QW0313CN	CHAR	8	CONNECTION ID OF THE UR.
QW0313CR	CHAR	12	CORRELATION ID OF THE UR.
QW0313LU	CHAR	24	LUWID OF THE UR.
QW0313TY	HEX	1	TYPE OF UR OR UW:
QW0313PN	CHAR	8	PLAN NAME FOR UR OR UW:
QW0313AI	CHAR	8	%U AUTHORIZATION ID FOR THE UR. %U IF QW0313AI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0313EU	CHAR	16	%U END USER'S USER ID FOR THE UR. %U IF QW0313EU_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0313ET	CHAR	32	END USER'S TRANSACTION NAME FOR THE UR.
QW0313EW	CHAR	18	END USER'S WORKSTATION NAME FOR THE UR.
QW0313TH	CHAR	1	TYPE OF THRESHOLD REACHED:
QW0313LW	INT	4	IF QW0313TY IS NOT X'03', THE NUMBER OF LOG RECORDS WRITTEN. IF QW0313TY IS X'03', THE TOTAL NUMBER OF MINUTES THAT THE READER HAS BEEN RUNNING.
QW0313AI_Off	INT	2	IF QW0313AI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0313 TO QW0313AI_LEN.
QW0313EU_Off	INT	2	IF QW0313EU IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0313 TO QW0313EU_LEN.
QW0313ET_Off	INT	2	IF QW0313ET IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0313 TO QW0313ET_LEN.

QW0313EW_Off	INT	2	IF QW0313EW IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0313 TO QW0313EW_LEN.
QW0313ID	CHAR	10	IF QW0313TY IS NOT X'30', THE UNIT OF RECOVERY ID (URID) OF THE UR. IF QW0313TY IS X'03', THIS FIELD CONTAINS BLANKS.

Secondary segment: **SMF102_QW0314**

Field Name	Type	Len	Description
<i>SMF102_QW0314.<fieldname></i>			
QW0314EL	INT	4	ADDRESS OF THE EXIT PARAMETER LIST EXPL. FIELDS QW0314WA THROUGH QW0314RS DESCRIBE THE CONTENTS OF EXIT PARAMETER LIST EXPL.
QW0314WA	INT	4	ADDRESS OF THE WORK AREA USED FOR THE ROUTINE.
QW0314WL	INT	4	LENGTH OF WORK AREA.
QW0314RC	INT	2	RETURN CODE FROM THE EXIT ROUTINE:
QW0314RS	INT	4	REASON CODE FROM THE EXIT ROUTINE.
QW0314BC	CHAR	8	STORE CLOCK VALUE BEFORE THE EXIT IS CALLED.
QW0314AC	CHAR	8	STORE CLOCK VALUE AFTER THE EXIT IS CALLED.
QW0314PL	CHAR	256	CONTENTS OF THE ACCESS CONTROL EXIT PARAMETER LIST. THIS LIST IS MAPPED BY MACRO DSNDXAPL.
QW0314DO	INT	2	OFFSET FROM QW0314 TO QW0314DX.
QW0314UO	INT	2	OFFSET FROM QW0314 TO QW0314U.
QW0314BO	INT	2	OFFSET FROM QW0314 TO QW0314B.
QW0314OO	INT	2	OFFSET FROM QW0314 TO QW0314O.
QW03141O	INT	2	OFFSET FROM QW0314 TO QW0314R1.
QW03142O	INT	2	OFFSET FROM QW0314 TO QW0314R2.
QW0314NO	INT	2	OFFSET FROM QW0314 TO QW0314N.
QW0314LO	INT	2	OFFSET FROM QW0314 TO QW0314L.
QW0314MO	INT	2	OFFSET FROM QW0314 TO QW0314M.
QW0314RO	INT	2	OFFSET FROM QW0314 TO QW0314R.
QW0314SO	INT	2	OFFSET FROM QW0314 TO QW0314S.
QW0314AO	INT	2	OFFSET FROM QW0314 TO QW0314A.
QW0314CO	INT	2	OFFSET FROM QW0314 TO QW0314C.
QW0314UT	CHAR	80	ACEE UTOKEN, IF IT IS ACCESSIBLE. IF IT IS NOT ACCESSIBLE, THE FIRST WORD CONTAINS ONE OF THE FOLLOWING VALUES: 0: DB2 IS UNABLE TO OBTAIN THE UTOKEN. -1: AN ABEND OCCURRED WHEN THE ACEE WAS ACCESSED.
QW0314DS	INT	4	THE NUMBER OF DATABASES FOR WHICH DETAILS ARE PROVIDED IN THE QW0314DX ARRAY.

Secondary segment: **SMF102_QW0314DX**

Field Name	Type	Len	Description
<i>SMF102_QW0314DX.<fieldname></i>			
QW0314DP	INT	4	POINTER TO THE INFORMATION FOR THE NEXT DATABASE.

QW0314DN	CHAR	8	NAME OF THE DATABASE FOR WHICH THIS STRUCTURE CONTAINS INFORMATION.
QW0314DA	CHAR	1	WHETHER THE AUTHORIZATION ID FOR WHICH THE EXIT IS CALLED HAS DBADM AUTHORITY ON THE DATABASE SPECIFIED IN QW0314DN: 'Y': YES. ' ': NO.
QW0314IM	CHAR	1	WHETHER THE DATABASE IS IMPLICITLY CREATED: 'Y': YES. ' ': NO.

Secondary segment: **SMF102_QW0314U**

Field Name	Type	Len	Description
<i>SMF102_QW0314U.<fieldname></i>			
QW0314UL	INT	2	LENGTH OF AUTHORIZATION ID.
QW0314UN	CHAR	128	%U AUTHORIZATION ID.

Secondary segment: **SMF102_QW0314B**

Field Name	Type	Len	Description
<i>SMF102_QW0314B.<fieldname></i>			
QW0314BL	INT	2	LENGTH OF OBJECT NAME.
QW0314BN	CHAR	128	%U OBJECT NAME.

Secondary segment: **SMF102_QW0314O**

Field Name	Type	Len	Description
<i>SMF102_QW0314O.<fieldname></i>			
QW0314OL	INT	2	LENGTH OF OBJECT OWNER OR QUALIFIER.
QW0314ON	CHAR	128	%U OBJECT OWNER OR QUALIFIER.

Secondary segment: **SMF102_QW0314R1**

Field Name	Type	Len	Description
<i>SMF102_QW0314R1.<fieldname></i>			
QW03141L	INT	2	LENGTH OF OTHER INFORMATION FIELD 1.
QW03141N	CHAR	128	%U OTHER INFORMATION FIELD 1.

Secondary segment: **SMF102_QW0314R2**

Field Name	Type	Len	Description
<i>SMF102_QW0314R2.<fieldname></i>			
QW03142L	INT	2	LENGTH OF OTHER INFORMATION FIELD 2.

QW03142N	CHAR	128	%U OTHER INFORMATION FIELD 2.
----------	------	-----	-------------------------------

Secondary segment: **SMF102_QW0314N**

Field Name	Type	Len	Description
<i>SMF102_QW0314N.<fieldname></i>			
QW0314NL	INT	2	LENGTH OF OBJECT OWNER.
QW0314NN	CHAR	128	%U OBJECT OWNER.

Secondary segment: **SMF102_QW0314L**

Field Name	Type	Len	Description
<i>SMF102_QW0314L.<fieldname></i>			
QW0314LL	INT	2	LENGTH OF ROLE.
QW0314LN	CHAR	128	%U ROLE.

Secondary segment: **SMF102_QW0314M**

Field Name	Type	Len	Description
<i>SMF102_QW0314M.<fieldname></i>			
QW0314ML	INT	2	LENGTH OF OTHER OBJECT NAME.
QW0314MN	CHAR	128	%U OTHER OBJECT NAME.

Secondary segment: **SMF102_QW0314R**

Field Name	Type	Len	Description
<i>SMF102_QW0314R.<fieldname></i>			
QW0314RL	INT	2	LENGTH OF OTHER OBJECT OWNER NAME OR NAME OF OWNER OF BASE TABLE FOR VIEW.
QW0314RN	CHAR	128	%U OTHER OBJECT OWNER OR OWNER OF BASE TABLE FOR VIEW.

Secondary segment: **SMF102_QW0314S**

Field Name	Type	Len	Description
<i>SMF102_QW0314S.<fieldname></i>			
QW0314SL	INT	2	LENGTH OF QUALIFIER OF BASE TABLE FOR VIEW.
QW0314SN	CHAR	128	%U QUALIFIER OF BASE TABLE FOR VIEW.

Secondary segment: SMF102_QW0314A

Field Name	Type	Len	Description
<i>SMF102_QW0314A.<fieldname></i>			
QW0314AL	INT	2	LENGTH OF NAME OF BASE TABLE FOR VIEW.
QW0314AN	CHAR	128	%U NAME OF BASE TABLE FOR VIEW.

Secondary segment: SMF102_QW0314C

Field Name	Type	Len	Description
<i>SMF102_QW0314C.<fieldname></i>			
QW0314CL	INT	2	LENGTH OF COLUMN NAME IN BASE TABLE FOR VIEW.
QW0314CN	CHAR	128	%U NAME OF COLUMN IN BASE TABLE FOR VIEW.

Secondary segment: SMF102_QW0316

Field Name	Type	Len	Description
<i>SMF102_QW0316.<fieldname></i>			
zLEN	INT	2	(IBM name: LEN) Length of this QW0316 segment.
QW0316ID	CHAR	20	STATEMENT IDENTIFIER.
QW0316NM	CHAR	16	STATEMENT NAME GENERATED BY DB2 FOR THIS STATEMENT.
QW0316TK	HEX	4	UNIQUE STATEMENT IDENTIFIER - A GENERATED NUMBER FOR UNIQUELY IDENTIFYING A STATEMENT IN THE PREPARED STATEMENT CACHE.
QW0316US	HEX	8	NUMBER OF CURRENT USERS OF STMT - THESE ARE THE USERS THAT HAVE PREPARED OR EXECUTED THE STATEMENT DURING THEIR CURRENT UNIT OF WORK.
QW0316CP	INT	4	NUMBER OF COPIES OF THE STMT OWNED BY ALL THREADS IN THE SYSTEM. THIS INCLUDES QW0316US PLUS ANY COPIES OWNED BY PLANS/PACKAGES BOUND WITH KEEPYNAMIC(YES) THAT WERE NOT USED IN THEIR CURRENT UNIT OF WORK. THESE USERS PREPARED THE STATEMENT IN A PREVIOUS UNIT OF WORK AND STILL HAVE IT IN A PREPARED STATE.
QW0316FL	HEX	1	STATUS OF THE STATEMENT - IF ANY OF THE FOLLOWING FLAGS ARE SET, THE STATEMENT HAS ACTUALLY BEEN REMOVED FROM THE CACHE BUT CURRENT USERS MIGHT STILL HAVE AN ACTIVE COPY. DB2 WILL CONTINUE TO TRACK THE STATEMENT UNTIL THE USE COUNT AND COPY COUNT ARE ZERO.
QW0316LR	CHAR	1	INDICATOR FOR CACHE LITERAL REPLACEMENT:
QW0316TM	CHAR	10	DATE AND TIME WHEN THE STATEMENT WAS INSERTED INTO THE CACHE (IN DB2 TIMESTAMP FORMAT).
QW0316SS	INT	4	--STATEMENT STATISTICS.-- THESE STATISTICS ARE COLLECTED ONLY WHEN A TRACE FOR IFCID 0318 IS STARTED.
QW0316NE	HEX	8	NUMBER OF EXECUTIONS OF THE STATEMENT. FOR A CURSOR STATEMENT, THIS IS THE NUMBER OF OPENS.
QW0316NB	HEX	8	NUMBER OF SYNCHRONOUS BUFFER READS PERFORMED FOR STATEMENT.

QW0316NG	HEX	8	NUMBER OF GETPAGE OPERATIONS PERFORMED FOR STATEMENT.
QW0316NR	HEX	8	NUMBER OF ROWS EXAMINED FOR STATEMENT.
QW0316NP	HEX	8	NUMBER OF ROWS PROCESSED FOR STATEMENT - FOR EXAMPLE, THE NUMBER OF ROWS RETURNED FOR A SELECT, OR THE NUMBER OF ROWS AFFECTED BY AN INSERT, UPDATE, OR DELETE.
QW0316NS	HEX	8	NUMBER OF SORTS PERFORMED FOR STATEMENT.
QW0316NI	HEX	8	NUMBER OF INDEX SCANS PERFORMED FOR STATEMENT.
QW0316NT	HEX	8	NUMBER OF TABLESPACE SCANS PERFORMED FOR STATEMENT.
QW0316NL	HEX	8	NUMBER OF PARALLEL GROUPS CREATED FOR STATEMENT.
QW0316NW	HEX	8	NUMBER OF SYNCHRONOUS BUFFER WRITE OPERATIONS PERFORMED FOR STATEMENT.
QW0316AE	TIME	8	ACCUMULATED ELAPSED TIME USED FOR STATEMENT.
QW0316S3	CHAR	62	--MORE STATEMENT STATISTICS.-- QW0316W7 THROUGH QW0316RS ARE COLLECTED ONLY WHEN A TRACE FOR IFCID 0318 IS STARTED.
QW0316W7	TIME	8	ACCUMULATED WAIT TIME FOR LATCH REQUESTS.
QW0316W8	TIME	8	ACCUMULATED WAIT TIME FOR PAGE LATCHES.
QW0316W9	TIME	8	ACCUMULATED WAIT TIME FOR DRAIN LOCKS.
QW0316WA	TIME	8	ACCUMULATED WAIT TIME FOR DRAINS DURING WAITS FOR CLAIMS TO BE RELEASED.
QW0316WB	TIME	8	ACCUMULATED WAIT TIME FOR LOG WRITERS.
QW0316X1	CHAR	42	PROGRAM NAME. PROGRAM NAME IS THE NAME OF THE PACKAGE OR DBRM THAT PERFORMED THE PREPARE. THIS FIELD IS OVERLAID BY THE FOLLOWING TWO FIELDS:
QW0316L1	INT	2	LENGTH OF THE PROGRAM NAME.
QW0316T1	CHAR	40	%U TEXT OF THE PROGRAM NAME. %U IF QW0316T1_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316LX	INT	4	PRECOMPILER LINE NUMBER FOR THE PREPARE STATEMENT.
QW0316XG	CHAR	66	USER FIELDS:
QW0316T2	CHAR	32	TRANSACTION NAME. THIS VALUE IS PROVIDED DURING RRS SIGNON OR RE-SIGNON.
QW0316XE	CHAR	16	END USER ID. THIS VALUE IS PROVIDED DURING RRS SIGNON OR RE-SIGNON.
QW0316XF	CHAR	18	WORKSTATION NAME. THIS VALUE IS PROVIDED DURING RRS SIGNON OR RE-SIGNON.
QW0316X3	CHAR	18	USER ID. USER ID IS THE PRIMARY AUTHORIZATION ID OF THE USER WHO DID THE INITIAL PREPARE. THIS FIELD IS OVERLAID BY THE FOLLOWING TWO FIELDS:
QW0316L3	INT	2	LENGTH OF THE USER ID.
QW0316T3	CHAR	16	%U TEXT OF THE USER ID. %U IF QW0316T3_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316X4	CHAR	8	%U USER GROUP. USER GROUP IS THE CURRENT SQLID OF THE %U USER WHO DID THE INITIAL PREPARE. %U IF QW0316X4_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316X5	CHAR	8	%U QUALIFIER THAT IS USED FOR UNQUALIFIED TABLE NAMES. %U IF QW0316X5_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316X6	CHAR	2	VALUE OF BIND OPTION ISOLATION THAT IS IN EFFECT FOR THE INITIAL PREPARE. THIS VALUE DOES NOT REFLECT THAT IS SPECIFIED IN A WITH CLAUSE:

QW0316X7	CHAR	1	CURRENTDATA BIND OPTION:
QW0316X8	CHAR	1	DYNAMICRULES BIND OPTION:
QW0316X9	CHAR	1	CURRENT DEGREE SPECIAL REGISTER VALUE:
QW0316XA	CHAR	1	CURRENT RULES SPECIAL REGISTER VALUE:
QW0316XB	CHAR	1	CURRENT PRECISION SPECIAL REGISTER VALUE:
QW0316XC	CHAR	1	WHETHER THE STATEMENT CURSOR IS A HELD CURSOR:
QW0316TS	TSTMP	8	TIMESTAMP WHEN STATISTICS COLLECTION BEGAN. DATA COLLECTION BEGINS WHEN A TRACE FOR IFCID 318 IS STARTED.
QW0316XD	CHAR	28	REFERENCED TABLE NAME. FOR STATEMENTS THAT REFERENCE MORE THAN ONE TABLE, ONLY THE NAME OF THE FIRST TABLE THAT IS REFERENCED IS REPORTED. THIS FIELD IS OVERLAID BY THE FOLLOWING THREE FIELDS:
QW0316QD	CHAR	8	%U QUALIFIER OF THE REFERENCED TABLE NAME. %U IF QW0316QD_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316LD	INT	2	LENGTH OF THE REFERENCED TABLE NAME.
QW0316TD	CHAR	18	%U TEXT OF THE REFERENCED TABLE NAME. %U IF QW0316TD_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316S2	CHAR	64	OTHER STATEMENT STATISTICS. THIS FIELD IS OVERLAID BY FIELDS QW0316CT THROUGH QW0316RS. THE STATISTICS IN THOSE FIELDS ARE COLLECTED ONLY WHEN A TRACE FOR IFCID 0318 IS STARTED.
QW0316CT	TIME	8	ACCUMULATED CPU TIME. THIS VALUE INCLUDES CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QW0316W1	TIME	8	ACCUMULATED WAIT TIME FOR SYNCHRONOUS I/O. THIS WAIT TIME AND THE FOLLOWING WAIT TIMES ARE COLLECTED ONLY WHEN A CLASS 3 ACCOUNTING TRACE IS STARTED.
QW0316W2	TIME	8	ACCUMULATED WAIT TIME FOR LOCK REQUESTS.
QW0316W3	TIME	8	ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH.
QW0316W4	TIME	8	ACCUMULATED WAIT TIME FOR GLOBAL LOCKS.
QW0316W5	TIME	8	ACCUMULATED WAIT TIME FOR READ ACTIVITY THAT IS DONE BY ANOTHER THREAD.
QW0316W6	TIME	8	ACCUMULATED WAIT TIME FOR WRITE ACTIVITY THAT IS DONE BY ANOTHER THREAD.
QW0316RT	HEX	8	NUMBER OF TIMES THAT A RID LIST WAS NOT USED BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL DB2 LIMITS, AND THE NUMBER OF RID BLOCKS EXCEEDED THE VALUE OF SUBSYSTEM PARAMETER MAXTEMPS_RID.
QW0316RS	HEX	8	NUMBER OF TIMES THAT A RID LIST WAS NOT USED BECAUSE NOT ENOUGH STORAGE WAS AVAILABLE TO HOLD THE RID LIST, OR WORK FILE STORAGE OR RESOURCES WERE NOT AVAILABLE.
QW0316MBR	CHAR	8	DATA SHARING MEMBER THAT CACHED THE SQL STATEMENT.
QW0316UI	CHAR	80	%U USER-PROVIDED IDENTIFICATION STRING. %U IF QW0316UI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0316ST	CHAR	64	SQL STATEMENT. THIS FIELD IS OVERLAID BY THE FOLLOWING TWO FIELDS:
QW0316LN	INT	4	LENGTH OF ENTIRE STATEMENT.
QW0316TX	CHAR	60	%U FIRST 60 BYTES OF STATEMENT TEXT.
QW0316T1_Off	INT	2	IF QW0316T1 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316T1_LEN.
QW0316T3_Off	INT	2	

			IF QW0316T3 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316T3_LEN.
QW0316X4_Off	INT	2	IF QW0316X4 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316X4_LEN.
QW0316X5_Off	INT	2	IF QW0316X5 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316X5_LEN.
QW0316QD_Off	INT	2	IF QW0316QD IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316QD_LEN.
QW0316TD_Off	INT	2	IF QW0316TD IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316TD_LEN.
QW0316UI_Off	INT	2	IF QW0316UI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316UI_LEN.
QW0316SC_Off	INT	2	THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316SC_LEN.
QW0316TM2	TSTMP	8	DATE AND TIME WHEN THE STATEMENT WAS INSERTED INTO THE CACHE, IN STORE CLOCK FORMAT.
QW0316UT1	TSTMP	8	DATE AND TIME WHEN THE STATEMENT WAS UPDATED, IN STORE CLOCK FORMAT.
QW0316UT2	CHAR	10	DATE AND TIME WHEN THE STATEMENT WAS UPDATED, IN INTERNAL FORMAT.
QW0316FL2	HEX	1	MISCELLANEOUS STATUS FLAGS:
QW0316WFRIDS	FLOAT	8	NUMBER OF TIMES THAT A RID LIST OVERFLOWED TO A WORK FILE BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS.
QW0316WFRIDT	FLOAT	8	NUMBER OF TIMES A THAT RID LIST OVERFLOWED TO A WORK FILE BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.
QW0316HJINCS	FLOAT	8	NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS.
QW0316HJINCT	FLOAT	8	NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.
QW0316RSMIAP	FLOAT	8	NUMBER OF TIMES THAT RID LIST RETRIEVAL FOR MULTIPLE INDEX ACCESS WAS NOT DONE BECAUSE DB2 COULD DETERMINE THE OUTCOME OF INDEX ANDING OR ORING.
QW0316AVGESTI	FLOAT	8	AVERAGE ESTIMATED DEGREE OF PARALLELISM FOR ALL PARALLEL GROUPS. THE ESTIMATED DEGREES ARE CALCULATED AT BIND TIME, BASED ON THE COST FORMULA. THE AVERAGE IS CALCULATED AT EXECUTION TIME.
QW0316AVGPLAN	FLOAT	8	AVERAGE PLANNED MAXIMUM DEGREE OF PARALLELISM FOR ALL PARALLEL GROUPS. THE AVERAGE IS CALCULATED AT EXECUTION TIME. IT IS THE OPTIMAL DEGREE OF PARALLELISM THAT CAN BE OBTAINED AT EXECUTION TIME, AFTER HOST VARIABLES OR PARAMETER MARKERS ARE RESOLVED, AND BEFORE BUFFER POOL NEGOTIATION AND SYSTEM NEGOTIATION ARE PERFORMED.
QW0316AVGACT	FLOAT	8	AVERAGE ACTUAL DEGREE OF PARALLELISM FOR ALL PARALLEL GROUPS THE ACTUAL DEGREE OF PARALLELISM IS CALCULATED AT EXECUTION TIME, AFTER BUFFER POOL NEGOTIATION AND PARALLEL SYSTEM NEGOTIATION ARE TAKEN INTO ACCOUNT.
QW0316EXR	CHAR	2	REASON THAT THE SQL STATEMENT WAS EXPANDED. SEE QW0053ER FOR POSSIBLE VALUES.
QW0316T2_Off	INT	2	IF QW0316T2 IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316T2_LEN.
QW0316XE_Off	INT	2	IF QW0316XE IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316XE_LEN.
QW0316XF_Off	INT	2	IF QW0316XF IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0316 TO QW0316XF_LEN.

QW0316S4	CHAR	64	
QW0316WC	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
QW0316WD	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
QW0316WE	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
QW0316WF	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
QW0316WG	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.
QW0316_PIPE_WAIT	TIME	8	ACCUMULATED WAIT TIME DUE TO PIPE WAITS.
QW0316_PQS_WAIT	CHAR	8	
QW0316_SDQ_STMTID	HEX	8	STATEMENT ID OF A STABILIZED DYNAMIC SQL STATEMENT.
QW0316_QUERY_HASH_ID	CHAR	16	HASH KEY OF THE STABILIZED DYNAMIC SQL STATEMENT.
QW0316_QUERY_HASH_VER	INT	4	
QW0316_STBLGRP_Off	INT	2	OFFSET FROM THE BEGINNING OF QW0316 TO QW0316_STBLGRP_LEN.

Secondary segment: **SMF102_QW0316_STBLGRP_D**

Field Name	Type	Len	Description
<i>SMF102_QW0316_STBLGRP_D.<fieldname></i>			
QW0316_STBLGRP_Len	INT	2	(IBM name: LEN))\n
QW0316_STBLGRP_Var	CHAR	128	

Secondary segment: **SMF102_QW03162**

Field Name	Type	Len	Description
<i>SMF102_QW03162.<fieldname></i>			
zLEN	INT	2	(IBM name: LEN) Length of this QW03162 segment.
QW0316AID	FLOAT	8	STATEMENT IDENTIFIER. THIS VALUE IS INHERITED FROM FIELD QW0316TK.
QW0316AMBR	CHAR	8	DATA SHARING MEMBER THAT CACHED THE SQL STATEMENT.
QW0316ATM	CHAR	10	DATE AND TIME, IN DB2 TIMESTAMP FORMAT, WHEN THE STATEMENT WAS INSERTED INTO THE CACHE.
QW0316ANM_OFF	INT	2	OFFSET TO THE ACCELERATOR NAME.
QW0316AEXEC	FLOAT	8	NUMBER OF EXECUTIONS ON THE ACCELERATOR.
QW0316AELA	FLOAT	8	ACCUMULATED ELAPSED TIME ON THE ACCELERATOR.
QW0316ACPU	FLOAT	8	ACCUMULATED CPU TIME ON THE ACCELERATOR.
QW0316AROW	FLOAT	8	ACCUMULATED NUMBER OF ROWS RETURNED.
QW0316ABYT	FLOAT	8	ACCUMULATED NUMBER OF BYTES RETURNED.
QW0316ATW1R	FLOAT	8	TIME SPENT WAITING FOR THE ROW.
QW0316ATWDB2	FLOAT	8	TOTAL TIME THAT THE ACCELERATOR WAITED FOR DB2.

QW0316AEXE	FLOAT	8	ACCUMULATED EXECUTION TIME ON THE ACCELERATOR.
QW0316AWAT	FLOAT	8	ACCUMULATED QUEUE WAIT TIME.

Secondary segment: **SMF102_QW0316ANM_D**

Field Name	Type	Len	Description
<i>SMF102_QW0316ANM_D.<fieldname></i>			
QW0316ANM_Len	INT	2	(IBM name: LEN) LENGTH OF THE ACCELERATOR NAME.
QW0316ANM_Var	CHAR	128	%U ACCLERATOR NAME.

Secondary segment: **SMF102_QW0317**

Field Name	Type	Len	Description
<i>SMF102_QW0317.<fieldname></i>			
QW0317ST	CHAR	20	SQL STATEMENT IDENTIFIER:
QW0317NM	CHAR	16	SQL STATEMENT NAME.
QW0317ID	HEX	4	SQL STATEMENT UNIQUE IDENTIFIER.
QW0317LN	INT	4	THE LENGTH OF THE SQL STATEMENT.
QW0317TX	XVCHAR	0 5000	%U TEXT OF THE SQL STATEMENT.

Secondary segment: **SMF102_QW03172**

Field Name	Type	Len	Description
<i>SMF102_QW03172.<fieldname></i>			
QW03172LN	INT	2	LENGTH OF ATTRIBUTES STRING.
QW03172TX	XVCHAR	0 5000	%U TEXT OF ATTRIBUTES STRING.

Secondary segment: **SMF102_QW0319**

Field Name	Type	Len	Description
<i>SMF102_QW0319.<fieldname></i>			
QW0319CT	CHAR	1	TYPE OF COMMUNICATION ADDRESS:
QW0319AD	CHAR	15	REQUESTING COMMUNICATION ADDRESS FOR THE TYPE DESCRIBED IN QW0319CT. USE THIS FIELD VALUE IF QWHSRN<91. OTHERWISE, USE FIELD QW0319RI. POSSIBLE VALUES ARE: 'T' DOTTED DECIMAL IP ADDRESS. 'S' CHAR(8) LUNAME.
QW0319TY	CHAR	1	TYPE OF SECURITY IDENTITY:
QW0319SM	CHAR	1	SECURITY MECHANISM:
QW0319FL	HEX	1	MISCELLANEOUS FLAGS:

QW0319L1	INT	2	LENGTH OF DATA FIELD 1.
QW0319D1	CHAR	256	DATA FIELD 1 FOR THE TYPE SPECIFIED BY QW0319TY: 'K' = REQUESTING KERBEROS PRINCIPAL NAME.
QW0319US	CHAR	8	DERIVED USER ID.
QW0319RI	CHAR	18	REQUESTING INSTANCE FOR THE TYPE SPECIFIED BY QW0319CT: USE THIS VALUE IF QWHSRN>=9. POSSIBLE VALUES ARE: 'T' 128-BIT IP ADDRESS (INTERNAL FORM), AND 16-BIT PORT NUMBER (INTERNAL FORM). 'S' 8-BYTE RESERVED AREA AND CHAR(8) LUNAME.
QW0319CP	CHAR	8	CLIENT PRODUCT ID.

Secondary segment: **SMF102_QW0321**

Field Name	Type	Len	Description
<i>SMF102_QW0321.<fieldname></i>			
QW0321LO	CHAR	1	DEVICE TO WRITE TO. VALUES ARE: 'D': DASD. 'G': COUPLING FACILITY.

Secondary segment: **SMF102_QW0322**

Field Name	Type	Len	Description
<i>SMF102_QW0322.<fieldname></i>			
QW0322NP	HEX	4	THE NUMBER OF PAGES WRITTEN.

Secondary segment: **SMF102_QW0324**

Field Name	Type	Len	Description
<i>SMF102_QW0324.<fieldname></i>			
QW0324QN	INT	4	QUERY NUMBER.
QW0324GM	CHAR	8	GROUP MEMBER.
QW0324AL	CHAR	8	APPLICATION NAME.
QW0324PN	CHAR	8	PLAN NAME.
QW0324CI	CHAR	18	%U COLLECTION ID. %U IF QW0324CI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324PG	CHAR	8	%U PROGRAM NAME. %U IF QW0324PG_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324CT	CHAR	8	CONSISTENCY TOKEN.
QW0324VL	INT	2	VERSION LENGTH.
QW0324VN	CHAR	64	VERSION.
QW0324TS	CHAR	10	TIMESTAMP.
QW0324CL	INT	2	CURRENT PATH LENGTH.
QW0324CP	CHAR	254	%U CURRENT PATH. %U IF QW0324CP_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324CI_Off	INT	2	IF QW0324CI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324CI_LEN.

QW0324PG_Off	INT	2	IF QW0324PG IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324PG_LEN.
QW0324CP_Off	INT	2	IF QW0324CP IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324CP_LEN.

Secondary segment: **SMF102_QW0324F**

Field Name	Type	Len	Description
<i>SMF102_QW0324F.<fieldname></i>			
QW0324QB	INT	2	QUERY BLOCK NUMBER.
QW0324FS	CHAR	8	%U SCHEMA OF THE FUNCTION. %U IF QW0324FS_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324FN	CHAR	18	%U FUNCTION NAME. %U IF QW0324FN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324FI	CHAR	18	%U SPECIFIC NAME OF THE FUNCTION. %U IF QW0324FI_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324FY	CHAR	2	FUNCTION TYPE:
QW0324CV	CHAR	8	%U VIEW CREATOR, IF THE FUNCTION IS REFERENCED IN A VIEW %U DEFINITION. BLANK OTHERWISE. %U IF QW0324CV_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324NV	CHAR	18	%U VIEW NAME, IF THE FUNCTION IS REFERENCED IN A VIEW %U DEFINITION. BLANK OTHERWISE. %U IF QW0324NV_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0324FL	INT	2	FUNCTION TEXT LENGTH. LENGTH OF FUNCTION TEXT.
QW0324FT	CHAR	254	FUNCTION TEXT. %U FUNCTION TEXT. THIS FIELD CONTAINS UP TO THE FIRST %U 254 CHARACTERS OF THE FUNCTION INVOCATION, INCLUDING %U THE FUNCTION NAME AND ITS PARAMETERS. FOR A FUNCTION %U IN INFIX NOTATION, SUCH AS '+', THIS FIELD CONTAINS %U ONLY THE FUNCTION NAME.
QW0324FS_Off	INT	2	IF QW0324FS IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324FS_LEN.
QW0324FN_Off	INT	2	IF QW0324FN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324FN_LEN.
QW0324FI_Off	INT	2	IF QW0324FI IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324FI_LEN.
QW0324CV_Off	INT	2	IF QW0324CV IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324CV_LEN.
QW0324NV_Off	INT	2	IF QW0324NV IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0324 TO QW0324NV_LEN.

Secondary segment: **SMF102_QW0325**

Field Name	Type	Len	Description
<i>SMF102_QW0325.<fieldname></i>			
QW0325CO	CHAR	18	%U COLLECTION ID OF THE PACKAGE THAT EXECUTED THE %U STATEMENT THAT ACTIVATED THE TRIGGER. %U IF QW0325CO_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0325PR	CHAR	8	%U NAME OF THE PROGRAM OR PACKAGE THAT EXECUTED THE %U STATEMENT THAT ACTIVATED THE TRIGGER. %U IF QW0325PR_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0325SN	INT	4	STATEMENT NUMBER OF THE SQL STATEMENT THAT ACTIVATED THE TRIGGER. THIS FIELD IS BLANK IF THE TRIGGER IS

			ACTIVATED BY A TRIGGERED SQL STATEMENT.
QW0325SC	CHAR	8	%U SCHEMA NAME OF THE TRIGGER. %U IF QW0325SC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0325EX	CHAR	32	
QW0325LX	INT	2	LENGTH OF THE EXTERNAL TRIGGER NAME.
QW0325TX	CHAR	30	%U TEXT OF THE EXTERNAL TRIGGER NAME. %U IF QW0325TX_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0325NM	CHAR	8	%U TRIGGER NAME. %U IF QW0325NM_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0325TS	TSTMP	8	TRIGGER TIMESTAMP.
QW0325AC	CHAR	1	TRIGGER ACTIVATION TIME:
QW0325GR	CHAR	1	TRIGGER GRANULARITY:
QW0325SS	CHAR	1	TYPE OF TRIGGERING SQL STATEMENT:
QW0325ET	CHAR	1	ENTRY/EXIT EVENT TYPE:
QW0325CN	CHAR	1	TRIGGERED ACTION CONDITION EVALUATION. VALUES ARE:
QW0325NL	HEX	2	NESTING LEVEL OF THE TRIGGER.
QW0325SQ	CHAR	136	THE SQLCA RETURNED FROM THE TRIGGER ACTIVATION. THIS FIELD IS VALID ONLY WHEN QW0325ET=QW0325X.
QW0325CO_Off	INT	2	IF QW0325CO IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0325 TO QW0325CO_LEN.
QW0325PR_Off	INT	2	IF QW0325PR IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0325 TO QW0325PR_LEN.
QW0325SC_Off	INT	2	IF QW0325SC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0325 TO QW0325SC_LEN.
QW0325TX_Off	INT	2	IF QW0325TX IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0325 TO QW0325TX_LEN.
QW0325NM_Off	INT	2	IF QW0325NM IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0325 TO QW0325NM_LEN.

Secondary segment: **SMF102_QW0326**

Field Name	Type	Len	Description
SMF102_QW0326.<fieldname>			

Secondary segment: **SMF102_QW0327**

Field Name	Type	Len	Description
SMF102_QW0327.<fieldname>			
QW0327TS	TSTMP	8	TIMESTAMP FOR THIS USE OF TOKEN.
QW0327TK	CHAR	4	LANGUAGE ENVIRONMENT TOKEN.
QW0327MS	CHAR	256	TEXT OF LANGUAGE ENVIRONMENT RUN-TIME OUTPUT.

Secondary segment: SMF102_QW0329

Field Name	Type	Len	Description
<i>SMF102_QW0329.<fieldname></i>			
QW0329RT	CHAR	1	REQUEST TYPE. SEE IFCID 0252 FOR A LIST OF VALUES.
QW0329GB	CHAR	11	GROUP BUFFER POOL NAME.
QW0329ST	INT	4	ASYNCHRONOUS WAIT TIME IN MICROSECONDS.

Secondary segment: SMF102_QW0330

Field Name	Type	Len	Description
<i>SMF102_QW0330.<fieldname></i>			
QW0330CP	INT	4	ACTIVE LOG COPY NUMBER (1 OR 2).
QW0330PC	INT	4	PERCENTAGE OF THE LAST AVAILABLE ACTIVE LOG DATA SET FOR THIS LOG COPY THAT IS USED.

Secondary segment: SMF102_QW0331

Field Name	Type	Len	Description
<i>SMF102_QW0331.<fieldname></i>			
QW0331FN	CHAR	4	(S) FUNCTION NAME.
QW0331FC	HEX	2	(S) FUNCTION CODE FOR FREE LOCATOR.
QW0331F1	HEX	2	(S) CRT_FLAGS/FREE_FLAGS/HOLD_FLAGS.
QW0331F2	HEX	2	(S) FREE_FLAG1.
QW0331CS	HEX	2	(S) TARGET CCSID ON CREATE LOCATOR.
QW0331RC	INT	4	(S) RETURN CODE.
QW0331RS	INT	4	(S) REASON CODE.
QW0331LO	INT	4	(S) LOCATOR INDEX.
QW0331ST	INT	2	(S) STATEMENT NUMBER.
QW0331AT	HEX	2	(S) LOCATOR ATTRIBUTE, LMLFLAGS.
QW0331NC	INT	4	(S) NOT-HELD COUNT.
QW0331HC	INT	4	(S) HELD COUNT.
QW0331BP	FLOAT	8	(S) LOCATOR BLOCK ADDRESS.
QW0331RT	FLOAT	8	(S) RETURN ADDRESS.
QW0331TC	FLOAT	8	(S) TRANSFORM CSO ADDRESS.
QW0331SP	FLOAT	8	(S) SPA ADDRESS.

Secondary segment: SMF102_QW0332

Field Name	Type	Len	Description
<i>SMF102_QW0332.<fieldname></i>			
QW0332H	CHAR	64	

QW0332FN	CHAR	4	(S) FUNCTION NAME.
QW0332RC	INT	4	(S) RETURN CODE.
QW0332ST	INT	2	(S) STATEMENT NUMBER.
QW0332NU	INT	2	(S) NUMBER OF ENTRIES, TCNUMENT.
QW0332LO	INT	4	(S) LOCATOR VALUE.
QW0332FL	HEX	2	(S) TCFLAGS.
QW0332CS	HEX	2	(S) TARGET CCSID.
QW0332AD	FLOAT	8	(S) TRANSFORM CSO ADDRESS.
QW0332RT	FLOAT	8	(S) RETURN ADDRESS.
QW0332TP	FLOAT	8	(S) TOP LEVEL CSO.
QW0332PR	FLOAT	8	(S) PREVIOUS TRANSFORM CSO.
QW0332NX	FLOAT	8	(S) NEXT TRANSFORM CSO.
QW0332EN	CHAR	12	(S) TCARRAY ENTRY:
QW0332TY	HEX	2	(S) ENTRY TYPE.
QW0332FS	HEX	2	(S) SOURCE CCSID.
QW0332LN	INT	4	(S) LENGTH.
QW0332DA	CHAR	4	(S) ENTRY DATA:
QW0332PC	CHAR	2	(S) PAD CHARACTER.
QW0332PL	HEX	1	(S) PAD CHARACTER LENGTH.

Secondary segment: **SMF102_QW0333**

Field Name	Type	Len	Description
<i>SMF102_QW0333.<fieldname></i>			
QW0333FN	CHAR	4	(S) FUNCTION NAME.
QW0333RC	INT	4	(S) RETURN CODE.
QW0333ST	INT	2	(S) STATEMENT NUMBER.
QW0333NL	HEX	1	(S) CSONULL.
QW0333PL	HEX	1	(S) PAD CHARACTER LENGTH.
QW0333PC	CHAR	2	(S) PAD CHARACTER.
QW0333TY	HEX	2	(S) CSO TYPE.
QW0333FL	HEX	2	(S) CSO FLAGS.
QW0333CS	HEX	2	(S) CSO CCSID.
QW0333DT	HEX	2	(S) CSO DATA TYPE.
QW0333AD	FLOAT	8	(S) CSO ADDRESS.
QW0333CT	FLOAT	8	(S) CT ADDRESS.
QW0333LN	INT	4	(S) CSO DATA LENGTH.
QW0333EN	CHAR	24	(S) CSO DATA.

Secondary segment: SMF102_QW0334

Field Name	Type	Len	Description
<i>SMF102_QW0334.<fieldname></i>			
QW0334HD	CHAR	58	
QW0334EC	CHAR	8	EYE CATCHER: DRDA0334.
QW0334LN	CHAR	18	%U REMOTE LOCATION NAME. %U IF QW0334LN_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0334VI	INT	2	VERSION OF THE QW0334 RECORD. (THIS VERSION = 1.)
QW0334ID	CHAR	10	
QW0334MN	CHAR	8	MODULE NAME.
QW0334UI	INT	2	IDENTIFIER WITHIN THE MODULE.
QW0334CP	INT	2	CODEPOINT.
QW0334RA	INT	4	ACTUAL OR DEFAULT ROWSET VALUE IN CNTQRY. -1 MEANS THE VALUE WAS NOT SPECIFIED IN THE CNTQRY.
QW0334RE	INT	4	EXPECTED ROWSET VALUE IN THE CNTQRY. -1 MEANS THE QRYROWSET VALUE WAS NOT EXPECTED IN THE CNTQRY.
QW0334EA	HEX	1	ACTUAL OR DEFAULT RTNEXTDTA VALUE IN THE CNTQRY.
QW0334OA	HEX	1	ACTUAL OR DEFAULT QRYSCRORN VALUE IN THE CNTQRY.
QW0334NA	CHAR	8	ACTUAL OR DEFAULT QRYROWNBR VALUE IN THE CNTQRY. THIS IS A 64-BIT SIGNED INTEGER.
QW0334LN_Off	INT	2	IF QW0334LN IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0334 TO QW0334LN_LEN.

Secondary segment: SMF102_QW0335

Field Name	Type	Len	Description
<i>SMF102_QW0335.<fieldname></i>			
QW0335SE	CHAR	4	STALLED SYSTEM EVENT:
QW0335TS	TSTMP	8	TIMESTAMP OF THE PREVIOUS EVENT.
QW0335PR	CHAR	10	LOG RBA OF THE PREVIOUS EVENT.
QW0335CR	CHAR	10	CURRENT HIGHEST WRITTEN LOG RBA.

Secondary segment: SMF102_QW0336

Field Name	Type	Len	Description
<i>SMF102_QW0336.<fieldname></i>			
QW0336XS	CHAR	2	
QW0336MD	CHAR	8	
QW0336SC	CHAR	4	
QW0336RX	CHAR	16	
QW0336DB	CHAR	8	
QW0336DE	CHAR	2	
QW0336DT	CHAR	6	

QW0336SB	CHAR	8	
QW0336SE	CHAR	2	
QW0336ST	CHAR	6	
QW0336PB	CHAR	8	
QW0336PE	CHAR	2	
QW0336PT	CHAR	6	
QW0336DP	CHAR	32	
QW0336EB	CHAR	8	
QW0336EE	CHAR	2	
QW0336E1	CHAR	2	
QW0336E2	CHAR	2	
QW0336E3	CHAR	2	
QW0336AB	CHAR	8	
QW0336AE	CHAR	2	
QW0336A1	CHAR	2	
QW0336A2	CHAR	2	
QW0336A3	CHAR	2	
QW0336UB	CHAR	8	
QW0336UE	CHAR	2	
QW0336U1	CHAR	2	
QW0336U2	CHAR	2	
QW0336U3	CHAR	2	
QW0336PS	CHAR	7	
QW0336QB	CHAR	16	
QW0336QP	CHAR	8	
QW0336QD	CHAR	2	
QW0336Q1	CHAR	2	
QW0336Q2	CHAR	2	
QW0336Q3	CHAR	2	

Secondary segment: **SMF102_QW0337**

Field Name	Type	Len	Description
<i>SMF102_QW0337.<fieldname></i>			
QW0337DB	CHAR	2	DATABASE ID (DBID).
QW0337OB	CHAR	2	PAGE SET ID OR TABLE OBID.
QW0337LS	HEX	1	LOCK STATE AFTER ESCALATION: THIS FIELD IS NOT USED IF SELECTIVE PARTITION LOCKING IS USED.
QW0337LL	HEX	1	TYPE OF LOWER-LEVEL LOCK USED:
QW0337LH	HEX	4	NUMBER OF HELD LOWER-LEVEL LOCKS THAT WERE RELEASED BY ESCALATION.
QW0337SN	HEX	4	STATEMENT NUMBER.
QW0337ST	HEX	4	CACHED STATEMENT ID OF THE WAITER, OR 0.

QW0337CI	CHAR	130	COLLECTION ID:
QW0337CL	HEX	2	LENGTH OF THE COLLECTION ID.
QW0337CN	CHAR	128	%U COLLECTION ID VALUE.
QW0337PK	CHAR	130	PACKAGE NAME:
QW0337PL	HEX	2	LENGTH OF THE PACKAGE NAME.
QW0337PN	CHAR	128	%U PACKAGE NAME VALUE.
QW0337SE	CHAR	10	THE FOLLOWING TWO FIELDS CONTAIN INFORMATION ABOUT ON BEHALF OF WHICH LOCK ESCALATION OCCURS:
QW0337TY	HEX	2	STATEMENT TYPE FOR THE STATEMENT:
QW0337SI	CHAR	8	STATEMENT IDENTIFIER FOR THE STATEMENT.

Secondary segment: **SMF102_QW0340**

Field Name	Type	Len	Description
<i>SMF102_QW0340.<fieldname></i>			
QW0340_EYEC	CHAR	4	(S)
QW0340_MODNAME	CHAR	12	(S)
QW0340_SQLCODE	INT	4	(S)
QW0340_SQLERRD	CHAR	28	(S)
QW0340_SQLWARN	CHAR	16	(S)
QW0340_CAPTR	CHAR	8	(S)
QW0340_NOPARMS	INT	2	(S)
QW0340_FLAGS	CHAR	1	(S)
QW0340_MSGID	CHAR	10	(S)
QW0340_SQLSTAT	CHAR	5	(S)
QW0340_AVAIL	CHAR	14	(S)
QW0340_BMSGNO	INT	4	(S)

Secondary segment: **SMF102_QW0341**

Field Name	Type	Len	Description
<i>SMF102_QW0341.<fieldname></i>			
QW0341LN_Len	INT	2	LENGTH OF QW0341LN_VAR. %U LOCATION NAME WHERE THE BIND OCCURS.
QW0341LN_Var	CHAR	128	
QW0341PC_Len	INT	2	LENGTH OF QW0341PC_VAR. %U PACKAGE COLLECTION FOR THE PACKAGE BEING BOUND.
QW0341PC_Var	CHAR	128	
QW0341PN_Len	INT	2	LENGTH OF QW0341PN_VAR. %U PROGRAM NAME ASSOCIATED WITH THE PACKAGE.
QW0341PN_Var	CHAR	128	
QW0341TS	TSTMP	8	TIMESTAMP WHEN THE BIND OCCURRED.

Secondary segment: **SMF102_QW0342**

Field Name	Type	Len	Description
<i>SMF102_QW0342.<fieldname></i>			
QW0342TY	CHAR	4	DATABASE TYPE:
QW0342DB	HEX	2	DBID OF THE DATABASE.
QW0342PS	HEX	2	PSID OF THE DATABASE.
QW0342CT	FLOAT	8	THE CURRENT AMOUNT OF SPACE USED BY THE AGENT FOR TABLES IN THE DATABASE, IN KB.
QW0342MT	FLOAT	8	THE MAXIMUM AMOUNT OF SPACE USED BY THE AGENT FOR TABLES IN THE DATABASE, IN KB.
QW0342CI	FLOAT	8	THE CURRENT AMOUNT OF SPACE USED BY THE AGENT FOR INDEXES IN THE DATABASE, IN KB.
QW0342MI	FLOAT	8	THE MAXIMUM AMOUNT OF SPACE USED BY THE AGENT FOR INDEXES IN THE DATABASE, IN KB.
QW0342AT	HEX	8	AGENT TOKEN.
QW0342PT	HEX	8	PARENT TOKEN.
QW0342F1	CHAR	4	(S) RESERVED.
QW0342F2	INT	4	(S) RESERVED.

Secondary segment: **SMF102_QW0343**

Field Name	Type	Len	Description
<i>SMF102_QW0343.<fieldname></i>			
QW0343ID	CHAR	8	%U AUTHORIZATION ID FOR THE AGENT. %U IF QW0343ID_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0343PC	CHAR	18	%U PACKAGE COLLECTION ID FOR THE AGENT. %U IF QW0343PC_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0343PK	CHAR	8	%U PACKAGE NAME FOR THE AGENT. %U IF QW0343PK_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0343PL	CHAR	8	%U PLAN NAME FOR THE AGENT. %U IF QW0343PL_OFF IS NOT 0, THIS VALUE IS TRUNCATED.
QW0343MS	FLOAT	8	VALUE OF MAXTEMPS SUBSYSTEM PARAMETER IN KB.
QW0343MU	FLOAT	8	MAXIMUM AMOUNT OF STORAGE THAT HAS BEEN USED FOR WORK FILE STORAGE FOR THE ENTIRE SUBSYSTEM, IN KB.
QW0343CU	FLOAT	8	TOTAL AMOUNT OF STORAGE THAT IS CURRENTLY BEING USED FOR WORK FILE STORAGE IN THE ENTIRE SUBSYSTEM, IN KB.
QW0343RS	CHAR	48	RESERVED.
QW0343ID_Off	INT	2	IF QW0343ID IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0343 TO QW0343ID_LEN.
QW0343PC_Off	INT	2	IF QW0343PC IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0343 TO QW0343PC_LEN.
QW0343PK_Off	INT	2	IF QW0343PK IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0343 TO QW0343PK_LEN.
QW0343PL_Off	INT	2	IF QW0343PL IS TRUNCATED, THIS IS THE OFFSET FROM THE BEGINNING OF QW0343 TO QW0343PL_LEN.

Secondary segment: SMF102_QW0344

Field Name	Type	Len	Description
<i>SMF102_QW0344.<fieldname></i>			
QW0344TR_LEN	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0344TR	CHAR	10240	TRACE BUFFER.

Secondary segment: SMF102_QW0345

Field Name	Type	Len	Description
<i>SMF102_QW0345.<fieldname></i>			
QW0345TR_LEN	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0345TR	CHAR	10240	TRACE BUFFER.

Secondary segment: SMF102_QW0346

Field Name	Type	Len	Description
<i>SMF102_QW0346.<fieldname></i>			
QW0346_ACE	INT	4	ACE TOKEN. THIS VALUE CAN BE USED TO CORRELATE THIS RECORD WITH OTHER MONITOR TRACE RECORDS.

Secondary segment: SMF102_QW0350

Field Name	Type	Len	Description
<i>SMF102_QW0350.<fieldname></i>			
QW0350OT	HEX	1	PARSER OPTIONS AND HOST LANGUAGE:
QW0350HL	HEX	1	HOST LANGUAGE SECOND FIELD. THIS FIELD MUST BE USED TO DETERMINE THE HOST LANGUAGE IF THE HOST LANGUAGE BIT MASK IS 7, AND CAN OPTIONALLY BE USED IF THE HOST LANGUAGE BIT MASK IS NOT 7. POSSIBLE VALUES ARE:
QW0350FG	HEX	1	FLAG BYTE. IF EITHER OF THE FOLLOWING TWO BITS IS OFF, THIS RECORD CONTAINS ONLY A PORTION OF THE SQL STATEMENT:
QW0350TL	INT	4	TOTAL LENGTH OF THE SQL STATEMENT.
QW0350TY	HEX	2	TYPE OF SQL STATEMENT. POSSIBLE VALUES ARE:
QW0350SI	CHAR	8	STATEMENT IDENTIFIER.
QW0350CC	HEX	2	ORIGINAL SOURCE CCSID.
QW0350SPL	INT	2	LENGTH OF THE FOLLOWING FIELD, PLUS 2.
QW0350SP	CHAR	1	%U ALL OR PART OF THE SQL STATEMENT THAT IS BEING PARSED. THE TOTAL LENGTH OF THE STATEMENT IS IN QW0350TL. HOST VARIABLES IN THIS FIELD ARE REPRESENTED BY :H.
QW0350SEL	INT	2	LENGTH OF THE FOLLOWING FIELD, PLUS 2.
QW0350SE	CHAR	1	%U ALL OR THE END OF THE SQL STATEMENT THAT IS BEING PARSED. THE TOTAL LENGTH OF THE STATEMENT IS IN QW0350TL. HOST VARIABLES IN THIS FIELD ARE REPRESENTED BY :H.

Secondary segment: **SMF102_QW0351**

Field Name	Type	Len	Description
<i>SMF102_QW0351.<fieldname></i>			
QW0351RT	HEX	1	REQUEST TYPE, FOR GET, CLOSE, OR CLOSEALL:

Secondary segment: **SMF102_QW0352**

Field Name	Type	Len	Description
<i>SMF102_QW0352.<fieldname></i>			
QW0352ID	INT	4	UNIQUE ID (LOB NUMBER FOR THIS REQUEST).
QW0352RL	INT	4	LENGTH OF THE LOB THAT IS RETURNED FROM THIS LOB MATERIALIZATION EVENT.
QW0352RC	INT	4	RETURN CODE FROM THIS LOB MATERIALIZATION EVENT.
QW0352RS	INT	4	REASON CODE FROM THIS LOB MATERIALIZATION EVENT.

Secondary segment: **SMF102_QW0353**

Field Name	Type	Len	Description
<i>SMF102_QW0353.<fieldname></i>			
QW0353SE	CHAR	1	(S) START OR END OF CALL:
QW0353IT	CHAR	1	(S) INVOCATION TYPE:
QW0353FL	CHAR	1	(S) FLAGS.
QW0353FT	CHAR	1	(S) FUNCTION TYPE.
QW0353RC	INT	4	(S) ROUTINE RETURN CODE.
QW0353LN	CHAR	8	(S) LIBRARY NAME.
QW0353FB	CHAR	16	(S) FEEDBACK CODE.
QW0353SA	CHAR	8	(S) DA.
QW0353EB	CHAR	8	(S) EB.
QW0353PL	CHAR	8	(S) PARAMETER LIST.
QW0353RS	INT	4	(S) ROUTINE REASON CODE.
QW0353LC	INT	4	(S) LE RETURN CODE.
QW0353LS	INT	4	(S) LE REASON CODE.
QW0353TN	INT	2	(S) TOKEN NUMBER.
QW0353TFL	CHAR	2	(S) TOKEN FLAGS.
QW0353UM	CHAR	16	(S) USER-MANAGED PART.
QW0353RN	CHAR	130	(S) ROUTINE NAME.
QW0353RL	CHAR	2	(S) ROUTINE NAME LENGTH.
QW0353RD	CHAR	128	(S) ROUTINE NAME DATA.

Secondary segment: SMF102_QW0354

Field Name	Type	Len	Description
<i>SMF102_QW0354.<fieldname></i>			
QW0354SE	CHAR	1	(S) START OR END OF PROCESSING.
QW0354GF	CHAR	1	(S) GET OR FREE:
QW0354IT	CHAR	1	(S) INVOCATION TYPE.
QW0354FL	CHAR	1	(S) FLAGS.
QW0354TN	INT	2	(S) TOKEN NUMBER.
QW0354TF	CHAR	2	(S) TOKEN FLAGS.
QW0354LN	CHAR	8	(S) LIBRARY NAME.
QW0354LC	INT	4	(S) LE RETURN CODE.
QW0354LS	INT	4	(S) LE REASON CODE.
QW0354SA	CHAR	8	(S) DA.
QW0354EB	CHAR	8	(S) EB.
QW0354UM	CHAR	16	(S) USER-MANAGED PART.
QW0354RN	CHAR	130	(S) ROUTINE NAME.
QW0354RL	CHAR	2	(S) ROUTINE NAME LENGTH.
QW0354RD	CHAR	128	(S) ROUTINE NAME DATA.

Secondary segment: SMF102_QW0355

Field Name	Type	Len	Description
<i>SMF102_QW0355.<fieldname></i>			
QW0355OP	INT	2	(S) RT OPCODE.
QW0355EY	CHAR	2	(S) RT EYECATCHER.
QW0355ST	INT	2	(S) STATEMENT TYPE.
QW0355LN	INT	4	(S) LINE NUMBER.
QW0355RT	CHAR	8	(S) RT ADDRESS.

Secondary segment: SMF102_QW0356

Field Name	Type	Len	Description
<i>SMF102_QW0356.<fieldname></i>			
QW0356S1	INT	4	(S) SELF DEFINING SECTION 1.
QW0356NE	INT	4	(S) NUMBER OF ENTRIES.

Secondary segment: SMF102_QW0356A

Field Name	Type	Len	Description
<i>SMF102_QW0356A.<fieldname></i>			
QW0356S2	INT	4	(S) SELF DEFINING SECTION 2.
QW0356EY	CHAR	3	(S) EYECATCHER.
QW0356TY	CHAR	2	(S) DATA TYPE OF THIS ENTRY.
QW0356GT	CHAR	2	(S) GENERIC DATA TYPE OF THIS ENTRY.
QW0356LD	CHAR	8	(S) LENGTH OF THIS ENTRY.
QW0356LN	CHAR	4	(S) 31-BIT LENGTH.
QW0356LT	CHAR	2	(S) 15-BIT LENGTH.
QW0356LP	CHAR	1	(S) PRECISION, FOR DECIMAL DATA.
QW0356LS	CHAR	1	(S) SCALE, FOR DECIMAL DATA.
QW0356PT	CHAR	8	(S) POINTER TO THE DATA BUFFER.
QW0356NO	INT	4	(S) SQLVAR ENTRY NUMBER.
QW0356NL	CHAR	1	(S) NULL BYTE.

Secondary segment: SMF102_QW0356B

Field Name	Type	Len	Description
<i>SMF102_QW0356B.<fieldname></i>			
QW0356S3	INT	4	(S) SELF DEFINING SECTION 3.
QW0356LL	INT	2	(S) LENGTH OF ALL DATA AREA + 2.
QW0356DA	XVCHAR	0 8192	(S) DATA.

Secondary segment: SMF102_QW0357

Field Name	Type	Len	Description
<i>SMF102_QW0357.<fieldname></i>			
QW0357DB	CHAR	2	DATABASE ID FOR THE TABLE INTO WHICH DATA IS INSERTED.
QW0357TB	CHAR	2	TABLE OBID OF THE TABLE INTO WHICH DATA IS INSERTED.
QW0357PS	CHAR	2	INDEX SPACE PAGE SET ID OF THE INDEX INTO WHICH DATA IS INSERTED.

Secondary segment: SMF102_QW0358

Field Name	Type	Len	Description
<i>SMF102_QW0358.<fieldname></i>			
QW0358DB	CHAR	2	DATABASE ID FOR THE TABLE INTO WHICH DATA IS INSERTED.
QW0358TB	CHAR	2	TABLE OBID OF THE TABLE INTO WHICH DATA IS INSERTED.
QW0358PS	CHAR	2	

			INDEX SPACE PAGE SET ID OF THE INDEX INTO WHICH DATA IS INSERTED.
QW0358DE	HEX	2	DEGREE OF PARALLELISM FOR THE INDEX INSERT.

Secondary segment: **SMF102_QW0359**

Field Name	Type	Len	Description
<i>SMF102_QW0359.<fieldname></i>			
QW0359DB	CHAR	2	DATABASE ID.
QW0359OB	CHAR	2	INDEX PAGE SET ID.
QW0359PT	CHAR	2	PARTITION NUMBER.
QW0359FL	CHAR	1	FLAGS:
QW0359PG	CHAR	4	PAGE NUMBER OF THE PAGE THAT IS SPLIT.
QW0359TS	TSTMP	8	TIMESTAMP AT BEGINNING OF THE SPLIT.
QW0359TE	CHAR	8	TIMESTAMP AT END OF THE SPLIT.

Secondary segment: **SMF102_QW0360**

Field Name	Type	Len	Description
<i>SMF102_QW0360.<fieldname></i>			
QW0360PLAN	CHAR	8	PLAN NAME.
QW0360COLLID	CHAR	130	PACKAGE COLLECTION ID.
QW0360COLLIDL	CHAR	2	PACKAGE COLLECTION ID LENGTH.
QW0360COLLIDN	CHAR	128	PACKAGE COLLECTION ID STRING.
QW0360PKGID	CHAR	130	PACKAGE ID.
QW0360PKGIDL	CHAR	2	PACKAGE NAME LENGTH.
QW0360PKGIDN	CHAR	128	PACKAGE NAME STRING.
QW0360CONTK	CHAR	8	PACKAGE CONSISTENCY TOKEN.
QW0360STMTNO	INT	4	QUERY STATEMENT NUMBER.
QW0360SECTN	INT	4	QUERY SECTION NUMBER.

Secondary segment: **SMF102_QW0361**

Field Name	Type	Len	Description
<i>SMF102_QW0361.<fieldname></i>			
QW0361AT	CHAR	1	AUTHORITY TYPE:
QW0361IT	CHAR	1	AUTHORIZATION TYPE: ' ' = AUTHORIZATION ID. 'L' = ROLE.
QW0361ID_Off	INT	2	OFFSET FROM QW0361 TO QW0361ID_LEN.
QW0361PR	INT	2	PRIVILEGE THAT IS BEING CHECKED:
QW0361SC_Off	INT	2	OFFSET FROM QW0361 TO QW0361SC_LEN.
QW0361SN_Off	INT	2	OFFSET FROM QW0361 TO QW0361SN_LEN.

QW0361TC_Off	INT	2	OFFSET FROM QW0361 TO QW0361TC_LEN.
QW0361TN_Off	INT	2	OFFSET FROM QW0361 TO QW0361TN_LEN.
QW0361OT	CHAR	1	OBJECT TYPE:
QW0361ON_Off	INT	2	OFFSET FROM QW0361 TO QW0361ON_LEN.
QW0361TX	CHAR	1	SQL STATEMENT:
QW0361LL	INT	4	LENGTH OF THE SQL STATEMENT + 4. THIS VALUE IS ZERO IF THERE IS NO SQL STATEMENT.
QW0361LE	INT	2	THE NUMBER OF BYTES OF THE SQL STATEMENT THAT APPEAR IN THE FOLLOWING FIELD.
QW0361SQ	XVCHAR	0 4000	%U THE SQL STATEMENT. IF THE SQL STATEMENT IS GREATER THAN 4000 BYTES, IT IS TRUNCATED.

Secondary segment: **SMF102_QW0361ID_D**

Field Name	Type	Len	Description
<i>SMF102_QW0361ID_D.<fieldname></i>			
QW0361ID_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0361ID_Var	XVCHAR	0 128	%U AUTHORIZATION ID OR ROLE THAT HAS THE AUTHORITY.

Secondary segment: **SMF102_QW0361SC_D**

Field Name	Type	Len	Description
<i>SMF102_QW0361SC_D.<fieldname></i>			
QW0361SC_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0361SC_Var	XVCHAR	0 128	%U SOURCE OBJECT QUALIFIER OR OWNER. IF THE VALUE OF QW0361OT IS 'U' (USER AUTH), THIS VALUE IS THE QUALIFIER OF THE OBJECT THAT IS BEING TRANSFERRED BY A TRANSFER OWNERSHIP STATEMENT.

Secondary segment: **SMF102_QW0361SN_D**

Field Name	Type	Len	Description
<i>SMF102_QW0361SN_D.<fieldname></i>			
QW0361SN_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0361SN_Var	XVCHAR	0 128	%U SOURCE OBJECT NAME. IF THE VALUE OF QW0361OT IS 'U' (USER AUTH), THIS VALUE IS THE NAME OF THE OBJECT THAT IS BEING TRANSFERRED BY A TRANSFER OWNERSHIP STATEMENT.

Secondary segment: **SMF102_QW0361TC_D**

Field Name	Type	Len	Description
<i>SMF102_QW0361TC_D.<fieldname></i>			

QW0361TC_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0361TC_Var	XVCHAR	0 128	%U TARGET OBJECT QUALIFIER OR OWNER.

Secondary segment: **SMF102_QW0361TN_D**

Field Name	Type	Len	Description
<i>SMF102_QW0361TN_D.<fieldname></i>			
QW0361TN_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0361TN_Var	XVCHAR	0 128	%U TARGET OBJECT NAME.

Secondary segment: **SMF102_QW0361ON_D**

Field Name	Type	Len	Description
<i>SMF102_QW0361ON_D.<fieldname></i>			
QW0361ON_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0361ON_Var	XVCHAR	0 128	%U OTHER OBJECT NAME OR SUBSYSTEM PARAMETER NAME.

Secondary segment: **SMF102_QW0362**

Field Name	Type	Len	Description
<i>SMF102_QW0362.<fieldname></i>			
QW0362ST	CHAR	1	STATUS OF COMMAND EXECUTION:
QW0362TY	CHAR	1	COMMAND TYPE:
QW0362RN	INT	4	REASON CODE.
QW0362CH	CHAR	1	'A' = AUDIT POLICY CATEGORY IS CHECKING.
QW0362VA	CHAR	1	'A' = AUDIT POLICY CATEGORY IS VALIDATE.
QW0362OB	CHAR	1	'A' = AUDIT POLICY CATEGORY IS OBJMAINT.
QW0362EX	CHAR	1	'A' = AUDIT POLICY CATEGORY IS EXECUTE.
QW0362CX	CHAR	1	'A' = AUDIT POLICY CATEGORY IS CONTEXT.
QW0362SM	CHAR	1	'A' = AUDIT POLICY CATEGORY IS SECMAINT.
QW0362DS	CHAR	1	'Y' = AUDIT POLICY IS STARTED AT DB2 STARTUP.
QW0362DB	CHAR	8	NAME OF THE DATABASE THAT IS TO BE AUDITED.
QW0362OT	CHAR	1	OBJECT TYPE.
QW0362AP_Off	INT	2	OFFSET FROM QW0362 TO QW0362AP_LEN.
QW0362TS_Off	INT	2	OFFSET FROM QW0362 TO QW0362TS_LEN.
QW0362TB_Off	INT	2	OFFSET FROM QW0362 TO QW0362TB_LEN.
QW0362SA_Off	INT	2	OFFSET FROM QW0362 TO QW0362SA_LEN.
QW0362DA_Off	INT	2	OFFSET FROM QW0362 TO QW0362DA_LEN.
QW0362CO_Off	INT	2	OFFSET FROM QW0362 TO QW0362CO_LEN.

QW0362TT	INT	2	TOTAL NUMBER OF TABLES THAT MATCH THE SPECIFIED LIKE CLAUSE.
QW0362TR	INT	2	THE NUMBER OF TABLES THAT WERE TRACED.

Secondary segment: **SMF102_QW0362AP_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362AP_D.<fieldname></i>			
QW0362AP_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0362AP_Var	XVCHAR	0 128	%U AUDIT POLICY NAME.

Secondary segment: **SMF102_QW0362TS_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362TS_D.<fieldname></i>			
QW0362TS_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0362TS_Var	XVCHAR	0 128	%U TABLE SCHEMA NAME.

Secondary segment: **SMF102_QW0362TB_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362TB_D.<fieldname></i>			
QW0362TB_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0362TB_Var	XVCHAR	0 128	%U TABLE NAME.

Secondary segment: **SMF102_QW0362SA_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362SA_D.<fieldname></i>			
QW0362SA_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0362SA_Var	XVCHAR	0 128	%U SYSADMIN CATEGORY VALUES.

Secondary segment: **SMF102_QW0362DA_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362DA_D.<fieldname></i>			
QW0362DA_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.

QW0362DA_Var	XVCHAR	0 128	%U DBADMIN CATEGORY VALUES.
--------------	--------	----------	-----------------------------

Secondary segment: **SMF102_QW0362CO_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362CO_D.<fieldname></i>			
QW0362CO_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0362CO_Var	XVCHAR	0 128	%U COLLECTION ID.

Secondary segment: **SMF102_QW0362TN_D**

Field Name	Type	Len	Description
<i>SMF102_QW0362TN_D.<fieldname></i>			
QW0362TN_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0362TN_Var	XVCHAR	0 128	%U TABLE NAME THAT WAS SPECIFIED THROUGH A LIKE CLAUSE.

Secondary segment: **SMF102_QW0363**

Field Name	Type	Len	Description
<i>SMF102_QW0363.<fieldname></i>			
QW0363TS	TSTMP	8	TIMESTAMP (CONSISTENCY TOKEN).
QW0363SN	INT	4	STATEMENT NUMBER. THIS IS THE SAME AS THE QUERYNO VALUE IN THE PLAN_TABLE, IF A PLAN_TABLE EXISTS.
QW0363QN	INT	2	QUERY BLOCK NUMBER. THIS IS THE SAME AS QBLOCKNO IN THE PLAN_TABLE, IF A PLAN_TABLE EXISTS.
QW0363GN	INT	2	PARALLEL GROUP NUMBER.
QW0363BD	INT	2	DEGREE VALUE THAT WAS SPECIFIED AT BIND TIME.
QW0363RK	CHAR	1	TYPE OF PARTITIONING FOR THE PARALLEL GROUP:
QW0363OD	CHAR	1	RECORD ORDER. THIS FIELD VALUE IS MEANINGFUL ONLY IF QW0363RK IS '4' OR '5'.
QW0363IW	CHAR	1	WHETHER THE WORK FILE IS IN MEMORY:
QW0363RI	CHAR	1	(S) WHETHER THE INPUT RID IS IN A WORK FILE:
QW0363RO	CHAR	1	(S) WHETHER THE OUTPUT RID IS IN A WORK FILE:
QW0363RV	CHAR	1	(S) RESERVED.
QW0363NE	INT	4	TOTAL NUMBER OF INPUT WORKLOAD ELEMENTS.
QW0363AE	INT	4	ACTUAL NUMBER OF WORKLOAD ELEMENTS.
QW0363NR	INT	8	TOTAL NUMBER OF RECORDS.
QW0363PD	INT	4	PIPE DEGREE.
QW0363PS	CHAR	10	TIME THAT THE PIPE WAS CREATED.
QW0363PT	CHAR	10	TIME WHEN THE PIPE WAS TERMINATED.

QW0363EN	INT	2	NUMBER OF QW0363WE ENTRIES IN QW0363E.
QW0363NQ	INT	2	NUMBER OF QW0363 RECORDS THAT COMPLETE THIS SERIES OF QW0363 RECORDS.
QW0363TR	INT	2	SEQUENCE NUMBER OF THIS QW0363 RECORD IN THE SERIES OF QW0363 RECORDS.
QW0363LN_OFF	INT	2	OFFSET FROM QW0363 TO QW0363LN_LEN.
QW0363PC_OFF	INT	2	OFFSET FROM QW0363 TO QW0363PC_LEN.
QW0363PN_OFF	INT	2	OFFSET FROM QW0363 TO QW0363PN_LEN.

Secondary segment: SMF102_QW0363LN_D

Field Name	Type	Len	Description
<i>SMF102_QW0363LN_D.<fieldname></i>			
QW0363LN_LEN	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0363LN_VAR	XVCHAR	0 128	%U LOCATION NAME.

Secondary segment: SMF102_QW0363PC_D

Field Name	Type	Len	Description
<i>SMF102_QW0363PC_D.<fieldname></i>			
QW0363PC_LEN	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0363PC_VAR	XVCHAR	0 128	%U PACKAGE COLLECTION ID.

Secondary segment: SMF102_QW0363PN_D

Field Name	Type	Len	Description
<i>SMF102_QW0363PN_D.<fieldname></i>			
QW0363PN_LEN	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0363PN_VAR	XVCHAR	0 128	%U PROGRAM NAME.

Secondary segment: SMF102_QW0363E

Field Name	Type	Len	Description
<i>SMF102_QW0363E.<fieldname></i>			
QW0363NM	INT	2	TOTAL LENGTH OF QW0363WE ENTRIES + 8.
QW0363RE	CHAR	6	RESERVED.
QW0363WE	CHAR	128	WORKLOAD ELEMENT ENTRY. THIS IS A REPEATING FIELD. FIELD QW0363EN CONTAINS THE NUMBER OF WORKLOAD ELEMENT ENTRIES. A WORKLOAD ELEMENT ENTRY CONTAINS THE FOLLOWING FIELDS:

QW0363IX	INT	4	SEQUENCE NUMBER OF THE WORKLOAD ELEMENT.
QW0363PI	INT	4	SUBPIPE INDEX: TASK NUMBER.
QW0363LPPART6	INT	2	PARTITION NUMBER OF THE LOW BOUNDARY OF THE LOGICAL PAGE.
QW0363LP4	INT	4	PAGE NUMBER OF THE LOW BOUNDARY OF THE LOGICAL PARTITION. THIS VALUE IS MEANINGFUL ONLY IF QW0363RK = '2'.
QW0363HIPART6	INT	2	PARTITION NUMBER OF THE HIGH BOUNDARY OF THE LOGICAL PAGE.
QW0363HP4	INT	4	PAGE NUMBER OF HIGH BOUND OF LOGICAL PARTITION. USE ONLY IF QW0363RK = 2.
QW0363PB	CHAR	10	SUBPIPE START TIME.
QW0363PE	CHAR	10	SUBPIPE END TIME.
QW0363FF	CHAR	4	RESERVED.
QW0363CN	HEX	8	COUNTER FOR THE NUMBER OF RIDS AND RECORDS. THIS VALUE IS MEANINGFUL ONLY IF QW0363RK = '3', '4', OR '5'.
QW0363NI	HEX	4	NUMBER OF ROWS CONSUMED.
QW0363NO	HEX	4	NUMBER OF ROWS PRODUCED.
QW0363BI	HEX	4	(S) BEGINNING INDEX OF THE IN-LIST ELEMENT.
QW0363EI	HEX	4	(S) ENDING INDEX OF THE IN-LIST ELEMENT.
QW0363LB	HEX	32	LOW KEY BUFFER DATA. THIS VALUE IS MEANINGFUL ONLY IF QW0363RK = '1'.
QW0363HB	HEX	32	HIGH KEY BUFFER DATA. THIS VALUE IS MEANINGFUL ONLY IF QW0363RK = '1'.

Secondary segment: **SMF102_QW0364**

Field Name	Type	Len	Description
<i>SMF102_QW0364.<fieldname></i>			
QW0364TYPE	CHAR	2	EVENT THAT IS BEING TRACED:
QW0364ASID	HEX	2	ADDRESS SPACE ID (ASID).
QW0364CONN	CHAR	8	CONNECTION NAME.
QW0364CTYP	CHAR	8	CONNECTION TYPE.
QW0364JOBNAME	CHAR	8	JOB NAME.

Secondary segment: **SMF102_QW0365HE**

Field Name	Type	Len	Description
<i>SMF102_QW0365HE.<fieldname></i>			
QW0365NO	INT	4	NUMBER OF QW02R20 SECTIONS IN THE RECORD.
QW0365FL	HEX	1	FLAGS:

Secondary segment: SMF102_QW0367

Field Name	Type	Len	Description
<i>SMF102_QW0367.<fieldname></i>			
QW0367OP	CHAR	4	(S) XML STORAGE MANAGER OPERATION CODE:
QW0367SZ	INT	4	(S) AMOUNT OF STORAGE THAT WAS REQUESTED.
QW0367T	INT	4	(S) TOTAL STORAGE ALLOCATED ON THIS TOKEN.
QW0367TP	CHAR	8	(S) TOKEN POINTER.
QW0367SP	CHAR	8	(S) SPACE BLOCK POINTER.
QW0367CA	CHAR	8	(S) CALLER OF DSNXMLSM R14 POINTER.
QW0367UN	CHAR	16	(S) RESERVED.

Secondary segment: SMF102_QW0369_1

Field Name	Type	Len	Description
<i>SMF102_QW0369_1.<fieldname></i>			
QW0369ST	TSTMP	8	TIMESTAMP WHEN IFCID 0369 STATISTICS COLLECTION WAS ENABLED.
QW0369SP	TSTMP	8	TIMESTAMP WHEN IFCID 0369 STATISTICS COLLECTION WAS DISABLED.

Secondary segment: SMF102_QW0369_2

Field Name	Type	Len	Description
<i>SMF102_QW0369_2.<fieldname></i>			
QW0369CN	CHAR	8	CONNECTION NAME, WHICH IS ONE OF THE FOLLOWING VALUES:
QW0369IMS	CHAR	8	'MASS ': IMS ATTACH.
QW0369CCS	CHAR	8	'SASS ': CICS ATTACH.
QW0369RSF	CHAR	8	'RSSAF ': RSSAF ATTACH.
QW0369UTL	CHAR	8	'UTILITY ': UTILITY.
QW0369BTC	CHAR	8	'BATCH ': BATCH.
QW0369DIS	CHAR	8	'DIST ': DDF CONNECTION.

Secondary segment: SMF102_QWAC

Field Name	Type	Len	Description
<i>SMF102_QWAC.<fieldname></i>			
QWACBSC	TSTMP	8	BEGINNING STORE CLOCK VALUE (STCK) FOR THE PERIOD COVERED BY THIS ACCOUNTING RECORD. YOU CAN DETERMINE THE ELAPSED TIME OF THE APPLICATION BY SUBTRACTING THIS FIELD FROM QWACESC (ENDING STORE CLOCK VALUE). THREADS THAT DO NOT TERMINATE (SUCH AS CICS PRIMED THREADS AND IMS WAIT-FOR-INPUT MESSAGE REGIONS) CAN HAVE AN ENDING CLOCK VALUE THAT INCLUDES THE TIME THE THREAD WAS INACTIVE AND WAITING TO PERFORM WORK.

QWACESC	TSTMP	8	ENDING STORE CLOCK VALUE. YOU CAN USE THIS FIELD WITH THE FIELD QWACBSC (BEGINNING STORE CLOCK VALUE) TO DETERMINE THE ELAPSED TIME OF AN APPLICATION. SEE COMMENTS ON QWACBSC FOR MORE INFORMATION.
QWACBJST	TIME	8	BEGINNING CPU TIME FOR ALL ENVIRONMENTS (CICS, IMS, RRSF, TSO, AND DDF). THIS CPU TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. BINARY ZERO MEANS THAT NO TIME VALUE IS AVAILABLE.
QWACEJST	TIME	8	ENDING CPU TIME FOR ALL ENVIRONMENTS (CICS, IMS, RRSF, TSO, AND DDF). THIS CPU TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. BINARY ZERO MEANS THAT NO TIME VALUE IS AVAILABLE. THE VALUE OF QWACEJST MIGHT BE INVALID IF THE VALUE OF QWACRINV IS IS GREATER THAN X'14' (DECIMAL 20), OR FOR END-OF-MEMORY CONDITIONS. THE VALUE OF QWACEJST MIGHT BE ZERO IF THE VALUE OF QWACRINV IS EQUAL TO X'14' (DECIMAL 20).
QWACSRB	HEX	8	NOT USED.
QWACESRB	HEX	8	NOT USED.
QWACRINV	HEX	4	REASON ACCOUNTING IS INVOKED: IF REASON IS DECIMAL 16,20,24,28,OR 32, THE ACCOUNTING RECORD IS WRITTEN AT DEALLOCATION. IF REASON IS DECIMAL 40,44,48,OR 56, THE ACCOUNTING RECORD IS WRITTEN IMMEDIATELY, AND THE WORK UNIT IS INDOUBT.
QWACNID	CHAR	16	NETWORK ID VALUE PASSED FROM CICS, IMS OR z/OS RRS TO DB2. THIS IS ALSO CALLED A RECOVERY TOKEN. THIS NETWORK ID VALUE SHOULD NOT BE CONFUSED WITH THE LU6.2 NETWORK ID. QWACNID FOR CICS CONSISTS OF THE CICS CONNECTION NAME AND A UNIQUE NUMBER PROVIDED BY CICS AT THE TIME THE SYNC POINT LOG ENTRIES ARE WRITTEN. QWACNID FOR IMS CONSISTS OF THE IMS ID AND AN OASN, WHICH UNIQUELY IDENTIFIES THE SCHEDULING AND UNIT COMMITTED OR ROLLED BACK. QWACNID FOR RRSF IS THE z/OS RRS UNIT OF RECOVERY ID (URID) THAT IS USED TO UNIQUELY IDENTIFY A UNIT OF WORK.
QWACCOMM	INT	4	NUMBER OF SUCCESSFUL PHASE 2 OR SINGLE-PHASE COMMIT (SYNC) REQUESTS. THIS COUNT INDICATES THE NUMBER OF UNITS OF RECOVERY THAT COMPLETED SUCCESSFULLY, AND FOR WHICH THE ASSOCIATED COMMIT DURATION LOCKS WERE RELEASED. THIS COUNT REPRESENTS THE TOTAL NUMBER OF COMMIT REQUESTS PROCESSED BY THE DB2 SUBSYSTEM, WHETHER THE REQUEST WAS AN EXPLICIT EXTERNAL REQUEST (FROM AN IMS OR CICS CONNECTION), AN IMPLICIT EXTERNAL REQUEST (FROM TERMINATION OF A CICS OR IMS CONNECTION), OR AN IMPLICIT INTERNAL REQUEST (WITHIN DB2 WHEN DB2 WAS THE COMMIT COORDINATOR, WHEN DB2 CONDUCTED READ-ONLY COMMIT PROCESSING AS A COMMIT PARTICIPANT ON PHASE 1 CALL FROM AN IMS OR CICS CONNECTION, OR WHEN DB2 PERFORMED A COMMIT OPERATION BECAUSE COMMIT_ON_RETURN WAS SPECIFIED FOR A STORED PROCEDURE.) FOR MORE INFORMATION ON THE DB2 COMMIT PROCESS, SEE DIAGNOSIS GUIDE AND REFERENCE.
QWACABRT	INT	4	NUMBER OF ROLLBACK REQUESTS. THIS COUNT INDICATES THE NUMBER OF UNITS OF RECOVERY THAT WERE BACKED OUT AND INCLUDES ROLLBACKS FROM ATTACHES. - APPLICATION PROGRAM ABEND - APPLICATION ROLLBACK REQUEST - APPLICATION DEADLOCKED ON DATABASE RECORDS - APPLICATION CANCELED BY OPERATOR - THREAD ABEND CAUSED BY A RESOURCE SHORTAGE. IN SHORT, THIS COUNTER IS INCREMENTED FOR ALL ROLLBACKS, REGARDLESS OF SOURCE.
QWAC1	INT	4	THE FOLLOWING THREE VALUES ARE CALCULATED FOR THREADS BY TAKING THE STCK TIME AND ASCB TCB TIMES ON ENTRY TO DB2 AND SUBTRACTING THE CORRESPONDING TIMES ON EXIT FROM DB2. THE MAJORITY OF THREAD ALLOCATION AND CERTAIN ABEND CONDITIONS ARE NOT INCLUDED.
QWACASC	TIME	8	ACCUMULATED ELAPSED TIME IN DB2. THIS FIELD IS CALCULATED IF ACCOUNTING CLASS 2 IS ON. THIS FIELD IS CALCULATED FOR THREADS BY TAKING THE STORE CLOCK

			(STCK) TIME ON EXIT FROM DB2 AND SUBTRACTING THE STORE CLOCK VALUE ON ENTRY TO DB2. HOWEVER, THE TIMES FOR MOST THREAD ALLOCATION AND CERTAIN ABEND CONDITIONS ARE NOT INCLUDED.
QWACAJST	TIME	8	ACCUMULATED CPU TIME FOR ALL ENVIRONMENTS (CICS, IMS, RRSF, TSO, AND DDF). THIS CPU TIME DOES NOT INCLUDE: - CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. - CPU TIME FOR PROCESSING SQL ON BEHALF OF A STORED PROCEDURE. FOR STORED PROCEDURE TIME, SEE QWACSPPT. A VALUE OF BINARY ZERO MEANS THAT NO TIME VALUE IS AVAILABLE.
QWACASRB	HEX	8	NOT USED.
QWACAWTI	TIME	8	ACCUMULATED I/O ELAPSED WAIT TIME FOR DATABASE I/O DONE UNDER THIS THREAD. THIS FIELD IS FOR SYNCHRONOUS I/O ONLY. IT INCLUDES SYNCHRONOUS READ AND WRITE I/O. THIS VALUE IS CALCULATED FOR THREADS BY TAKING THE STCK TIME ON ENTRY TO EVENT WAIT AND SUBTRACTING STCK ON EXIT RESUME FROM THE EVENT. ITS VALUE INDICATES THE ELAPSED TIME THE ALLIED AGENT WAITED FOR ITS I/O IN DB2. WHEN DB2 MAKES AN I/O REQUEST FOR AN ALLIED AGENT AND MAKES THE AGENT WAIT, THE STORE CLOCK VALUE IS SAVED. WHEN THE I/O COMPLETES, THE ENDING TIME IS USED TO CALCULATE THE TOTAL ELAPSED I/O TIME. THE RESULT IS ADDED TO THE PREVIOUSLY SAVED ELAPSED SYNCHRONOUS I/O WAIT TIME IN DB2.
QWACAWTL	TIME	8	ACCUMULATED WAIT TIME DUE TO LOCAL CONTENTION FOR LOCKS. LOCAL CONTENTION DOES NOT INVOLVE INTER-SYSTEM COMMUNICATION. LOCAL CONTENTION IS RESOLVED ENTIRELY WITHIN A SINGLE SUBSYSTEM. GLOBAL CONTENTION, WHICH INVOLVES INTER-SYSTEM COMMUNICATION, IS REPORTED IN FIELD QWACAWTJ.
QWACARNA	INT	4	NUMBER OF DB2 ENTRY AND EXIT EVENTS PROCESSED BY THE ALLIED ADDRESS SPACE. THIS FIELD GIVES THE NUMBER OF ENTRY AND EXIT EVENTS PROCESSED TO CALCULATE THE ELAPSED TIME IN DB2 AND THE PROCESSOR TIMES. THIS FIELD DOES NOT INCLUDE SQL ENTRY AND EXIT EVENTS PROCESSED BY A STORED PROCEDURE. FOR THAT NUMBER, SEE QWACSPNE.
QWACARNE	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR DATABASE I/O UNDER THIS THREAD. FOR THE CALCULATION METHOD, SEE FIELD QWACAWTI.
QWACAWTR	TIME	8	ACCUMULATED WAIT TIME FOR READ I/O THAT IS DONE UNDER A THREAD OTHER THAN THIS ONE. THIS VALUE IS CALCULATED FOR THREADS BY SUBTRACTING THE STCK TIME ON ENTRY TO EVENT WAIT FROM STCK TIME ON EXIT RESUME FROM THE EVENT. THIS TIME REPRESENTS THE TIME THE THREAD BEING REPORTED WAITED FOR THE SUBJECT I/O AND NOT THE TOTAL DURATION OF THAT I/O. THIS FIELD IS COLLECTED IF ACCOUNTING CLASS 3 IS ON. THE FOLLOWING I/O WAITS ARE INCLUDED IN THIS FIELD: - SEQUENTIAL PREFETCH - SEQUENTIAL DETECTION - LIST PREFETCH - SYNCHRONOUS READ I/O PERFORMED BY A THREAD OTHER THAN THE THREAD BEING REPORTED.
QWACAWTW	TIME	8	ACCUMULATED WAIT TIME FOR WRITE I/O THAT IS DONE UNDER A THREAD OTHER THAN THIS ONE. THIS VALUE IS CALCULATED FOR THREADS BY SUBTRACTING THE STCK TIME ON ENTRY TO EVENT WAIT FROM STCK TIME ON EXIT RESUME FROM THE EVENT. THIS TIME REPRESENTS THE TIME THE THREAD BEING REPORTED WAITED FOR THE SUBJECT I/O AND NOT THE TOTAL DURATION OF THAT I/O. THIS FIELD IS COLLECTED IF ACCOUNTING CLASS 3 IS ON. THE FOLLOWING I/O WAITS ARE INCLUDED IN THIS FIELD: - ASYNCHRONOUS WRITE I/O - SYNCHRONOUS WRITE I/O PERFORMED BY A THREAD OTHER THAN THE THREAD BEING REPORTED - BUFFER MANAGER FORCE WRITE I/O
QWACAWTE	TIME	8	ACCUMULATED WAIT TIME BECAUSE OF A SYNCHRONOUS EXECUTION UNIT SWITCH FOR DB2 COMMIT, ABORT, OR DEALLOCATION PROCESSING. FOR RRSF THREADS, THIS VALUE INCLUDES EXPLICIT COMMIT TIME FOR SRRRCMIT CALLS. SEE QWACAWLG FOR IMPLICIT RRS COMMIT TIME.
QWACAWLH	TIME	8	ACCUMULATED WAIT TIME DUE TO LATCH CONTENTION.

QWACARNL	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR LOCAL CONTENTION FOR LOCKS.
QWACARNR	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR READ I/O UNDER ANOTHER THREAD.
QWACARNW	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR WRITE I/O UNDER ANOTHER THREAD. THIS NUMBER INCLUDES WAIT TRACE EVENTS FOR BUFFER MANAGER FORCE WRITE I/O WAITS.
QWACARNS	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING FOR COMMIT OR ABORT.
QWACARLH	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR LATCH CONTENTION.
QWACARLG	INT	4	NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR LOG READ I/O.
QWACAWLG	TIME	8	ACCUMULATED WAIT TIME FOR LOG WRITE I/O. FOR RRSF THREADS, THIS VALUE INCLUDES IMPLICIT COMMIT TIME FOR RRS AT EOT IF UNCOMMITTED WORK EXISTS. SEE QWACAWTE FOR EXPLICIT RRS COMMIT TIME.
QWACALBC	INT	4	NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR WAITS FOR TCP/IP LOB OR XML MATERIALIZATION.
QWACALBW	TIME	8	ACCUMULATED WAIT TIME FOR TCP/IP LOB OR XML MATERIALIZATION.
QWACAACC	INT	4	NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR REQUESTS TO AN ACCELERATOR.
QWACAACW	TIME	8	ACCUMULATED WAIT TIME FOR REQUESTS TO AN ACCELERATOR.
QWACAWTP	TIME	8	ACCUMULATED WAIT TIME BECAUSE OF PAGE LATCH CONTENTION. FOR EXAMPLE, WHEN RUNSTATS AND COPY UTILITIES ARE RUN WITH THE SHRLEVEL(CHANGE) OPTION, THEY USE A PAGE LATCH INSTEAD OF LOCKING IN ORDER TO SERIALIZE THE COLLECTION OF STATISTICS OR THE COPYING OF A PAGE. YOU CAN REDUCE PAGE LATCH CONTENTION BY CONTROLLING THE WAY YOU SCHEDULE YOUR APPLICATIONS.
QWACARNH	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR PAGE LATCH CONTENTION.
QWACFLGS	HEX	2	FLAGS:
QWACPKGN	INT	2	THE NUMBER OF PACKAGES OR DBRMS FOR WHICH PACKAGE-LEVEL OR DBRM-LEVEL ACCOUNTING WAS PERFORMED. THIS VALUE IS THE NUMBER OF QPAC SECTIONS TO BE WRITTEN FOR THIS AGENT IN IFCID 239 (10 FOR EACH RECORD). QWACPKGN IS NON-ZERO ONLY IF ACCOUNTING CLASS 7 OR ACCOUNTING CLASS 8 WAS ACTIVE WHEN THE AGENT BEGAN EXECUTING A PACKAGE.
QWACA261	INT	4	
QWACAWTG	TIME	8	ACCUMULATED ELAPSED WAIT TIME CAUSED BY SUSPENSION FOR SENDING MESSAGES TO OTHER MEMBERS IN THE DATA SHARING GROUP. ONE COMMON USE OF INTER-SYSTEM MESSAGE SENDING IS WHEN DATABASE DESCRIPTORS ARE CHANGED DUE TO CREATE, ALTER, OR DROP STATEMENTS. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE AND DB2 IS A MEMBER OF A DATA SHARING GROUP.
QWACAWTJ	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PARENT L-LOCKS. GLOBAL CONTENTION OCCURS WHEN INTER-SYSTEM COMMUNICATION IS REQUIRED TO RESOLVE AN IRLM LOCK OR CHANGE REQUEST. QPACAWTL CONTAINS THE WAIT TIME DUE TO LOCAL CONTENTION. LOCAL COMMUNICATION DOES NOT REQUIRE INTER-SYSTEM COMMUNICATION. IT CAN BE RESOLVED BY THE LOCAL SUBSYSTEM.
QWACARNG	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SENDING MESSAGES TO OTHER MEMBERS IN THE DATA SHARING GROUP. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE AND DB2 IS A MEMBER OF A

			DATA SHARING GROUP.
QWACARNJ	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR GLOBAL LOCK CONTENTION FOR PARENT L-LOCKS.
QWACSPCP	TIME	8	ACCUMULATED CPU TIME USED TO SATISFY EXTERNAL STORED PROCEDURE REQUESTS THAT WERE PROCESSED IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. SQL PROCEDURE TIME IS INCLUDED ONLY IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME DOES NOT INCLUDE CPU TIME THAT WAS CONSUMED ON AN IBM SPECIALTY ENGINE.
QWACSPTT	TIME	8	ACCUMULATED CPU TIME THAT WAS SPENT IN DB2 FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY STORED PROCEDURES IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES DB2 TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE STORED PROCEDURE TASK FOR EXTERNAL STORED PROCEDURES. SQL PROCEDURE TIMES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME IS A SUBSET OF THE QWACSPCP TIME. IT DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QWACSPNE	INT	4	NUMBER OF SQL ENTRY OR EXIT EVENTS PERFORMED BY STORED PROCEDURES. THIS NUMBER IS CALCULATED ONLY IF ACCOUNTING CLASS 2 IS ACTIVE.
QWACCAST	TIME	8	TOTAL ELAPSED TIME SPENT WAITING FOR AN AVAILABLE TCB BEFORE THE STORED PROCEDURE COULD BE SCHEDULED. THIS TIME IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE.
QWACCANM	INT	4	NUMBER OF TIMES AN SQL CALL STATEMENT HAD TO WAIT FOR AN AVAILABLE TCB BEFORE THE STORED PROCEDURE COULD BE SCHEDULED. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 3 IS ACTIVE.
QWACA282	INT	4	THE VALUES THROUGH QWACWLME ARE FOR ROLLUP RECORDS AND UTILITY SUBTASKS.
QWACPCNT	INT	4	THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 1 IS ACTIVE. - FOR A NON-ROLLUP RECORD FOR A PARENT AGENT, THIS VALUE IS THE NUMBER OF PARALLEL CHILD AGENTS THAT WERE CREATED. - FOR A NON-ROLLUP RECORD FOR A CHILD AGENT, THIS VALUE IS 0. - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS THE NUMBER OF PARALLEL CHILD AGENTS THAT WERE INCLUDED IN THE RECORD. - FOR AN AUTONOMOUS PROCEDURE ROLLUP RECORD, THIS VALUE IS THE NUMBER OF AUTONOMOUS PROCEDURES THAT WERE ROLLED INTO THE RECORD. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE IS THE NUMBER OF ACCOUNTING INTERVALS THAT WERE INCLUDED IN THE RECORD FOR THE CORRESPONDING END USER.
QWACPACE	HEX	4	TOKEN USED TO CORRELATE: - PARALLEL TASK RECORDS WITH THE RECORDS OR THE ORIGINATING TASK. - UTILITY SUBTASK RECORDS WITH THE RECORDS OF THE MAIN UTILITY TASK. - AUTONOMOUS TRANSACTION ROLLUP RECORDS WITH THE RECORDS OF THE CALLER. THIS FIELD CAN HAVE THE FOLLOWING VALUES: - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS EQUAL TO THE QWHSACE VALUE IN THE PARENT RECORD. - FOR A UTILITY SUBTASK ROLLUP RECORD, THIS VALUE IS EQUAL TO THE QWHSACE VALUE IN THE MAIN UTILITY TASK RECORD. - FOR AN AUTONOMOUS PROCEDURE ROLLUP RECORD, THIS VALUE IS EQUAL TO THE VALUE OF QWHSACE IN THE RECORD FOR THE CALLER. - FOR A NON-ROLLUP RECORD, THIS VALUE IS ZERO. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE HAS NO MEANING. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING CLASS 1 IS ACTIVE.
QWACSUCV	HEX	4	CPU SERVICE UNIT CONVERSION FACTOR. THIS VALUE CAN BE USED TO CONVERT CPU TIME TO A COMMON UNIT KNOWN AS A SERVICE UNIT (SU). THE CONVERSION FACTOR USED DEPENDS ON THE PROCESSOR MODEL BEING USED. BY USING THE SU, YOU CAN DO EQUITABLE CHARGEBACK, EVEN WHEN WORK IS PERFORMED ON DIFFERENT MACHINES. THE CONVERSION

			FACTOR IS USED AS FOLLOWS: SU = CPU SECONDS * (16000000/CONVERSION FACTOR). THIS VALUE IS THE CONVERSION FACTOR AT THE TIME THE RECORD WAS WRITTEN.
QWACWLME	CHAR	8	THE z/OS WORKLOAD MANAGER SERVICE CLASS NAME FOR A DATABASE ACCESS THREAD. THE WLM SERVICE CLASS DETERMINES THE z/OS WLM PRIORITY OF THE WORK PERFORMED BY THE DATABASE ACCESS THREAD. IF THE WLM SERVICE CLASS NAME IS NOT AVAILABLE, THIS FIELD CONTAINS BINARY ZEROES. FOR DDF OR RRSFAC ROLLUP ACCOUNTING RECORDS (QWACRINV = QWACRACC, QWACRSTG, OR QWACRSTL), THIS VALUE IS OBTAINED FROM THE LAST THREAD TO ROLL UP DATA INTO THE RECORD.
QWACLRLN	INT	4	NUMBER OF LOG RECORDS WRITTEN. THE AMOUNT OF LOGGING FOR A THREAD CAN EXCEED THE AMOUNT OF LOGGING FOR UNITS OF RECOVERY BECAUSE THE LOGGING FOR A THREAD INCLUDES LOGGING OF ACTIONS PERFORMED BY DB2 ON BEHALF OF THE THREAD.
QWACLRLB	INT	8	TOTAL NUMBER OF BYTES OF LOG RECORDS WRITTEN.
QWACUDCP	TIME	8	THE ACCUMULATED CPU TIME THAT WAS USED TO SATISFY USER-DEFINED FUNCTION REQUESTS THAT WERE PROCESSED IN A WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACE. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QWACUDTT	TIME	8	ACCUMULATED CPU TIME THAT WAS SPENT IN DB2 FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY USER-DEFINED FUNCTIONS IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES DB2 TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE USER-DEFINED FUNCTION TASK. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME IS A SUBSET OF THE QWACUDCP TIME. IT DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QWACUDNE	INT	4	THE NUMBER OF SQL ENTRY/EXIT EVENTS PERFORMED BY USER-DEFINED FUNCTIONS. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING TRACE CLASS 2 IS ACTIVE.
QWACUDST	TIME	8	THE TOTAL ELAPSED TIME SPENT WAITING FOR AN AVAILABLE TCB BEFORE THE USER-DEFINED FUNCTION COULD BE SCHEDULED. THIS VALUE IS CALCULATED ONLY IF ACCOUNTING TRACE CLASS 3 IS ACTIVE.
QWACUDEA	TIME	8	THE TOTAL ELAPSED TIME THAT WAS SPENT IN USER-DEFINED FUNCTIONS IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIME INCLUDES TIME THAT WAS SPENT EXECUTING SQL STATEMENTS.
QWACUDEB	TIME	8	THE TOTAL ELAPSED TIME THAT WAS SPENT IN DB2 FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY USER-DEFINED FUNCTIONS IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES DB2 TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE USER-DEFINED FUNCTION TASK. THIS TIME INCLUDES TIME FOR A NON-INLINE USER-DEFINED FUNCTION IF THE USER-DEFINED FUNCTION WAS CALLED ON A NESTED TASK AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT.
QWACTRTT	TIME	8	THE ACCUMULATED CPU TIME USED FOR EXECUTING TRIGGERS IN THE MAIN APPLICATION EXECUTION UNIT. THIS VALUE DOES NOT INCLUDE CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QWACTRET	TIME	8	

			THE ACCUMULATED ELAPSED TIME USED WHILE EXECUTING TRIGGERS IN THE MAIN APPLICATION EXECUTION UNIT.
QWACSPEA	TIME	8	TOTAL ELAPSED TIME USED TO SATISFY EXTERNAL STORED PROCEDURE REQUESTS THAT WERE PROCESSED IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. SQL PROCEDURE TIME IS INCLUDED ONLY IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS VALUE INCLUDES TIME THAT WAS USED FOR EXECUTING SQL STATEMENTS.
QWACSPEB	TIME	8	TOTAL ELAPSED TIME THAT WAS SPENT FOR PROCESSING SQL STATEMENTS THAT WERE ISSUED BY STORED PROCEDURES IN WLM-ESTABLISHED STORED PROCEDURE ADDRESS SPACES. THIS TIME ALSO INCLUDES TIME THAT WAS USED FOR CONNECTING AND DISCONNECTING THE STORED PROCEDURE TASK, FOR EXTERNAL STORED PROCEDURES. SQL PROCEDURE TIMES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURES WERE CALLED ON A NESTED TASK, AND WERE NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT.
QWACTRTE	TIME	8	THE ACCUMULATED CPU TIME USED FOR EXECUTING TRIGGERS IN A NESTED TASK. THIS TIME DOES NOT INCLUDE CPU TIME THAT CONSUMED ON AN IBM SPECIALTY ENGINE.
QWACTREE	TIME	8	THE ACCUMULATED ELAPSED TIME USED FOR EXECUTING TRIGGERS IN A NESTED TASK.
QWACSVPT	INT	4	THE NUMBER OF SQL SAVEPOINT STATEMENTS EXECUTED.
QWACRLSV	INT	4	THE NUMBER OF SQL RELEASE SAVEPOINT STATEMENTS EXECUTED.
QWACRBSV	INT	4	THE NUMBER OF SQL ROLLBACK TO SAVEPOINT STATEMENTS EXECUTED.
QWACAWTK	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
QWACAWTM	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
QWACAWTN	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
QWACAWTO	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
QWACAWTQ	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.
QWACARNK	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
QWACARNM	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
QWACARNN	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
QWACARNO	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
QWACARNQ	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.
QWACCLS1_zIIP	TIME	8	ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE IN ALL ENVIRONMENTS.
QWACCLS2_zIIP	TIME	8	ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTION IN DB2.
QWACTRRT_zIIP	TIME	8	ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTION OF TRIGGERS ON THE MAIN APPLICATION EXECUTION UNIT.
QWACZIIP_ELIGIBLE	TIME	8	(S) ACCUMULATED CPU TIME THAT IS CONSUMED ON A STANDARD (S) PROCESSOR BY WORK THAT IS ELIGIBLE FOR EXECUTION (S) ON AN IBM SPECIALTY ENGINE. (S) FOR RECORDS FOR THE PARENT TASKS IN PARALLEL QUERIES, (S)

			THIS VALUE REFLECTS ZIIP-ELIGIBLE TIME FOR THE (S) PARENT AND THE CHILD TASKS. CHILD TASK RECORDS (S) HAVE A VALUE OF 0.
QWACSPNF_zIIP	TIME	8	ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTING STORED PROCEDURE REQUESTS ON THE MAIN APPLICATION EXECUTION UNIT. BECAUSE THESE STORED PROCEDURES RUN ENTIRELY IN DB2, THIS TIME REPRESENTS CLASS 1 AND CLASS 2 TIME.
QWACUDFNF_zIIP	HEX	8	RESERVED.
QWACSPNF_ELAP	TIME	8	ACCUMULATED ELAPSED TIME THAT IS CONSUMED ON AN IBM ZIIP FOR EXECUTING STORED PROCEDURE REQUESTS ON THE MAIN APPLICATION EXECUTION UNIT. BECAUSE THESE STORED PROCEDURES RUN ENTIRELY IN DB2, THIS TIME REPRESENTS CLASS 1 AND CLASS 2 TIME.
QWACSPNF_CP	TIME	8	ACCUMULATED CPU TIME THAT IS USED FOR EXECUTING STORED PROCEDURE REQUESTS ON THE MAIN APPLICATION EXECUTION UNIT. THIS TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE. BECAUSE THESE STORED PROCEDURES RUN ENTIRELY IN DB2, THIS TIME REPRESENTS CLASS 1 AND CLASS 2 TIME.
QWACUDFNF_ELAP	HEX	8	RESERVED.
QWACUDFNF_CP	HEX	8	RESERVED.
QWACSP_CLS1se	TIME	8	THE ACCUMULATED CPU TIME THAT IS USED TO SATISFY STORED PROCEDURE REQUESTS THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE. TIMES FOR SQL PROCEDURES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURES WAS CALLED ON A NESTED TASK, AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT.
QWACSP_CLS2se	TIME	8	THE ACCUMULATED CPU TIME THAT IS CONSUMED IN DB2 FOR PROCESSING SQL STATEMENTS THAT ARE ISSUED BY STORED PROCEDURES THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE. TIMES FOR SQL PROCEDURES ARE INCLUDED IN THIS TIME IF THE SQL PROCEDURE WAS CALLED ON A NESTED TASK, AND WAS NOT INVOKED BY THE MAIN APPLICATION EXECUTION UNIT. THIS TIMS IS A SUBSET OF QWACSP_CLS1SE.
QWACUDF_CLS1se	TIME	8	THE ACCUMULATED CPU TIME THAT IS USED TO SATISFY USER-DEFINED FUNCTION REQUESTS THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE.
QWACUDF_CLS2se	TIME	8	THE ACCUMULATED CPU TIME THAT IS CONSUMED IN DB2 FOR PROCESSING SQL STATEMENTS THAT ARE ISSUED BY USER-DEFINED FUNCTIONS THAT ARE PROCESSED IN A STORED PROCEDURE ADDRESS SPACE AND EXECUTED ON AN IBM SPECIALTY ENGINE. THIS TIME IS A SUBSET OF QWACUDF_CLS1SE.
QWACTRTE_se	TIME	8	THE ACCUMULATED CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE FOR EXECUTION OF TRIGGERS ON A NESTED TASK.
QWAC_AT_WAIT	TIME	8	ACCUMULATED WAIT TIME FOR AUTONOMOUS TRANSACTIONS TO COMPLETE.
QWAC_AT_COUNT	INT	4	NUMBER OF AUTONOMOUS TRANSACTIONS THAT WERE EXECUTED. - FOR A NON-ROLLUP RECORD, THIS VALUE IS THE NUMBER OF AUTONOMOUS TRANSACTIONS THAT WERE EXECUTED. - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS 0. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE IS THE NUMBER OF AUTONOMOUS TRANSACTIONS THAT WERE EXECUTED. THIS VALUE IS NOT INCLUDED IN QWACPCNT.
QWAC_PT_COUNT	INT	4	NUMBER OF PARALLEL QUERY CHILD AGENTS IN A RECORD: - FOR A NON-ROLLUP RECORD, THIS VALUE IS ZERO. - FOR A PARALLEL QUERY ROLLUP RECORD, THIS VALUE IS THE NUMBER OF PARALLEL QUERY CHILD AGENTS THAT WERE INCLUDED IN THE RECORD. - FOR A DDF OR RRSF ROLLUP RECORD, THIS VALUE IS THE NUMBER OF PARALLEL QUERY

			CHILD AGENTS THAT WERE INCLUDED IN THE RECORD. THESE AGENTS ARE NOT INCLUDED IN THE CALCULATION OF QWACPCNT. - FOR A DDF OR RRSFAF ROLLUP RECORD, THE AUTONOMOUS TRANSACTION ACCOUNTING DATA IS INCLUDED IN THIS RECORD.
QWACFLGS2	INT	2	FLAGS:
QWAC_PROFMON_TYPE	CHAR	1	PROFILE MONITORING TYPE: 'E': EXCEPTION. 'W': WARNING.
QWAC_PROFMON_PID	INT	4	PROFILE IDENTIFIER. THIS VALUE IS THE SAME AS THE PROFILEID COLUMN VALUE IN THE SYSADM.DSN_PROFILE_TABLE TABLE.
QWAC_PQS_WAIT	TIME	8	ACCUMULATED WAIT TIME FOR PARALLEL QUERIES TO SYNCHRONIZE PARENT AND CHILD TASKS.
QWAC_PQS_COUNT	INT	4	NUMBER OF TIMES THAT WAITS FOR PARALLEL QUERY PROCESSING TO SYNCHRONIZE PARENT AND CHILD TASKS WERE SUSPENDED.
QWAC_ACCEL_ELIG_ELA	TIME	8	ACCUMULATED ELAPSED TIME THAT DB2 SPENT PROCESSING SQL THAT MIGHT BE ELIGIBLE FOR EXECUTION ON AN ACCELERATOR.
QWAC_ACCEL_ELIG_CP	TIME	8	ACCUMULATED CPU TIME THAT DB2 SPENT PROCESSING SQL THAT MIGHT BE ELIGIBLE FOR EXECUTION ON AN ACCELERATOR.
QWAC_ACCEL_ELIG_SE	TIME	8	ACCUMULATED CPU TIME DB2 SPENT PROCESSING SQL ON AN IBM SPECIALTY ENGINE, WHEN THAT SQL WAS ELIGIBLE FOR PROCESSING ON AN ACCELERATOR.
QWAC_WORKFILE_MAX	INT	8	MAXIMUM NUMBER OF WORK FILE BLOCKS THAT ARE BEING USED BY THIS AGENT AT ANY POINT IN TIME FOR TRADITIONAL WORKFILE USE, DECLARED TEMPORARY TABLES, AND INDEXES ON DECLARED TEMPORARY TABLES.
QWAC_WORKFILE_CURR	INT	8	CURRENT NUMBER OF WORK FILE BLOCKS THAT ARE BEING USED BY THIS AGENT FOR TRADITIONAL WORKFILE USE, DECLARED TEMPORARY TABLES, AND INDEXES ON DECLARED TEMPORARY TABLES.

Secondary segment: **SMF102_QWAX**

Field Name	Type	Len	Description
<i>SMF102_QWAX.<fieldname></i>			
QWAXALOG	TIME	8	ACCUMULATED WAIT TIME FOR PROCESSING OF ARCHIVE LOG MODE(QUIESCE) COMMANDS. THIS NUMBER THIS NUMBER REPRESENTS THE AMOUNT OF TIME THAT AN INDIVIDUAL THREAD WAS SUSPENDED DUE TO AN ARCHIVE LOG MODE(QUIESCE) COMMAND. THIS IS NOT THE TIME FOR THE ENTIRE COMMAND TO COMPLETE.
QWAXALCT	INT	4	NUMBER OF SUSPENSIONS FOR PROCESSING OF ARCHIVE LOG MODE(QUIESCE) COMMANDS. QWAXALCT IS AN ACCOUNTING CLASS 1 VALUE.
QWAXX	INT	4	
QWAXARND	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR A DRAIN LOCK.
QWAXAWDR	TIME	8	ACCUMULATED WAIT TIME FOR A DRAIN LOCK.
QWAXAWCL	TIME	8	ACCUMULATED WAIT TIME FOR A DRAIN LOCK WHILE WAITING FOR CLAIMS TO BE RELEASED.
QWAXARNC	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR SUSPENSIONS FOR WAITING FOR CLAIMS TO BE RELEASED.
QWAXAWAR	TIME	8	ACCUMULATED WAIT TIME FOR: - ARCHIVE LOG READS. - ACTIVE LOG READS. - ACTIVE LOG PREFETCH READS.
QWAXANAR	INT	4	

			NUMBER OF WAIT TRACE EVENTS PROCESSED FOR: - ARCHIVE LOG READS. - ACTIVE LOG READS. - ACTIVE LOG PREFETCH READS.
QWAXOCSE	TIME	8	ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO THE DB2 OPEN/CLOSE DATA SET SERVICE OR THE HSM RECALL SERVICE.
QWAXSLSE	TIME	8	ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO THE DB2 SYSLGRNG RECORDING SERVICE. THIS SERVICE IS ALSO SOMETIMES USED FOR LEVEL ID CHECKING FOR DOWN-LEVEL DETECTION.
QWAXDSSE	TIME	8	ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO THE DB2 DATA SPACE MANAGER SERVICES, WHICH INCLUDE DEFINE DATA SET, EXTEND DATA SET, DELETE DATA SET, RESET DATA SET, AND VSAM CATALOG ACCESS.
QWAXOTSE	TIME	8	ACCUMULATED WAIT TIME FOR A SYNCHRONOUS EXECUTION UNIT SWITCH TO OTHER DB2 SERVICE TASKS.
QWAXOCNS	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO THE OPEN/CLOSE SERVICE.
QWAXSLNS	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO THE SYSLGRNG RECORDING SERVICE.
QWAXDSNS	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO THE DATA SPACE MANAGER SERVICE TASKS.
QWAXOTNS	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR WAITS FOR SYNCHRONOUS EXECUTION UNIT SWITCHING TO OTHER SERVICE TASKS.
QWAX2X	INT	4	
QWAXAWFC	TIME	8	ACCUMULATED WAIT TIME FOR COMMIT PHASE 1 DATABASE WRITE I/O COMPLETION.
QWAXFCCT	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR FORCE-AT-COMMIT.
QWAXIXLE	INT	4	NUMBER OF WAIT TRACE EVENTS PROCESSED FOR ASYNCHRONOUS IXLCACHE/IXLFCOMP INVOCATIONS. THESE ARE INCREMENTED BY IFCID 329, WHICH IS NOT PART OF A BEGIN/END PAIR, SO THIS NUMBER REPRESENTS THE TRUE NUMBER OF EVENTS. IT IS NOT DOUBLED, AS OTHER WAIT EVENTS ARE.
QWAXIXLT	INT	4	ACCUMULATED WAIT TIME FOR IXLCACHE AND IXLFCOMP ASYNCHRONOUS REQUESTS, IN MICROSECONDS.
QWAX_PIPE_WAIT	TIME	8	ACCUMULATED WAIT TIME FOR PIPE WAIT.
QWAX_PIPEWAIT_COUNT	INT	4	NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR PIPE WAIT.
QWAX_LOBCOMP_WAIT	TIME	8	ACCUMULATED WAIT TIME FOR LOB COMPRESSION.
QWAX_LOBCOMP_COUNT	INT	4	NUMBER OF WAIT TRACE EVENTS THAT WERE PROCESSED FOR LOB COMPRESSION.

Secondary segment: **SMF102_QW0370**

Field Name	Type	Len	Description
SMF102_QW0370.<fieldname>			
QW0370AC	HEX	4	ADDRESS OF AGE.
QW0370DB	INT	2	DATABASE ID (DBID).
QW0370OB	INT	2	PAGE SET OBID.

QW0370PN	INT	4	PARTITION NUMBER.
QW0370IN	INT	4	INSTANCE NUMBER.
QW0370AL	TIME	8	ALLOCATION TIME.
QW0370OP	TIME	8	OPEN TIME.
QW0370DM	INT	4	DSMAX VALUE.
QW0370DO	INT	4	NUMBER OF OPENED DATA SETS.
QW0370FG	HEX	1	FLAGS.
QW0370DN	CHAR	44	DATA SET NAME.

Secondary segment: **SMF102_QW0371**

Field Name	Type	Len	Description
<i>SMF102_QW0371.<fieldname></i>			
QW0371AC	HEX	4	ADDRESS OF ACE.
QW0371DB	INT	2	DATABASE ID (DBID).
QW0371OB	INT	2	PAGE SET OBID.
QW0371PN	INT	4	PARTITION NUMBER.
QW0371IN	INT	4	INSTANCE NUMBER.
QW0371DA	TIME	8	DEALLOCATION TIME.
QW0371CL	TIME	8	CLOSE TIME.
QW0371DM	INT	4	DSMAX VALUE.
QW0371DO	INT	4	NUMBER OF OPENED DATA SETS.
QW0371FG	HEX	1	FLAGS.
QW0371DN	CHAR	44	DATA SET NAME.

Secondary segment: **SMF102_QW0372**

Field Name	Type	Len	Description
<i>SMF102_QW0372.<fieldname></i>			
QW0372ND	XVCHAR	0 256	

Secondary segment: **SMF102_QW0373**

Field Name	Type	Len	Description
<i>SMF102_QW0373.<fieldname></i>			
QW0373P64	HEX	8	ADDRESS OF THE DECP CONTROL BLOCK.
QW0373NAM	CHAR	8	EIGHT-BYTE DECP MODULE NAME, IN EBCDIC.
QW0373PRM	CHAR	8	NAME OF THE ACTIVE SUBSYSTEM PARAMETER LOAD MODULE.

Secondary segment: SMF102_QW0374

Field Name	Type	Len	Description
<i>SMF102_QW0374.<fieldname></i>			
QW0374CT	CHAR	1	(S) CACHE TYPE: 'K', 'R', 'A', 'D', OR 'S'.
QW0374FT	CHAR	1	(S) FUNCTION TYPE.
QW0374RC	INT	4	(S) RETURN CODE.
QW0374RS	INT	4	(S) REASON CODE.
QW0374AL	INT	2	(S) MAXIMUM F1 LENGTH.
QW0374SL	INT	2	(S) MAXIMUM F2 LENGTH.
QW0374OL	INT	2	(S) MAXIMUM F3 LENGTH.
QW0374UT	CHAR	1	(S) F1 TYPE.
QW0374FG	HEX	1	(S) FLAG.
QW0374F1_Off	INT	2	(S) OFFSET FROM THE BEGINNING OF THE 0374 RECORD TO (S) QW0374F1_LEN.
QW0374F2_Off	INT	2	(S) OFFSET FROM THE BEGINNING OF THE 0374 RECORD TO (S) QW0374F2_LEN.
QW0374F3_Off	INT	2	(S) OFFSET FROM THE BEGINNING OF THE 0374 RECORD TO (S) QW0374F3_LEN.

Secondary segment: SMF102_QW0374F1_D

Field Name	Type	Len	Description
<i>SMF102_QW0374F1_D.<fieldname></i>			
QW0374F1_Len	INT	2	(S) LENGTH OF QW0374F1_VAR.
QW0374F1_Var	XVCHAR	0 128	(S) %U

Secondary segment: SMF102_QW0374F2_D

Field Name	Type	Len	Description
<i>SMF102_QW0374F2_D.<fieldname></i>			
QW0374F2_Len	INT	2	(S) LENGTH OF QW0374F2_VAR.
QW0374F2_Var	XVCHAR	0 128	(S) %U

Secondary segment: SMF102_QW0374F3_D

Field Name	Type	Len	Description
<i>SMF102_QW0374F3_D.<fieldname></i>			
QW0374F3_Len	INT	2	(S) LENGTH OF QW0374F3_VAR.
QW0374F3_Var	XVCHAR	0 128	(S) %U

Secondary segment: **SMF102_QW0375**

Field Name	Type	Len	Description
<i>SMF102_QW0375.<fieldname></i>			
QW0375RC1	INT	2	
QW0375RC2	INT	2	
QW0375FTY	INT	4	

Secondary segment: **SMF102_QW0376**

Field Name	Type	Len	Description
<i>SMF102_QW0376.<fieldname></i>			
QW0376FN	INT	4	THIS FIELD CAN HAVE THE FOLLOWING VALUES: 1: THE DB2 V9 VERSION OF SYSIBM.CHAR(DECIMAL-EXPR) WAS EXECUTED. 2: THE DB2 V9 VERSION OF SYSIBM.VARCHAR(DECIMAL-EXPR), CAST (DECIMAL AS VARCHAR), OR CAST (DECIMAL AS CHAR) WAS EXECUTED. 3: AN UNSUPPORTED CHARACTER STRING REPRESENTATION OF A TIMESTAMP WAS USED. 7: A DB2 FOR Z/OS DATA SERVER ISSUED SQLCODE -301 FOR AN SQL OPERATION THAT WAS ISSUED BY A CLIENT NON-JAVA OR JAVA APPLICATION. ALL OF THE FOLLOWING CONDITIONS WERE TRUE: - THE DATA SERVER WAS IN VERSION 11 NEW-FUNCTION MODE. - APPLICATION COMPATIBILITY WAS SET TO V10R1. - THE SQL STATEMENT INCLUDED AN UNSUPPORTED CONVERSION FROM A STRING TYPE TO A NUMERIC TYPE, OR FROM A NUMERIC TYPE TO A STRING TYPE. - IMPLICIT CASTING WAS DISABLED BECAUSE SUBSYSTEM PARAMETER DDF_COMPATIBILITY WAS SET TO SP_PARMS_NJV OR DISABLE_IMPCAST_NJV. 8: DATA TYPES OF OUTPUT DATA MATCH THE DATA TYPES OF THE CALL STATEMENT ARGUMENTS. 10: THE DB2 V9 VERSION OF SYSIBM.LTRIM(String-expression), SYSIBM.RTRIM(String-expression), OR SYSIBM.STRIP(String-expression) WAS EXECUTED. THIS HAPPENS ONLY WHEN BIF_COMPATIBILITY IS SET TO V9_TRIM, APPLICATION COMPATIBILITY IS SET TO V10R1, AND String-expression IS IN EBCDIC. 11: A SELECT INTO STATEMENT CONTAINS A UNION OR UNION ALL OPERATOR. 1101: AN INSERT STATEMENT THAT INSERTS INTO AN XML COLUMN WITHOUT THE XMLDOCUMENT FUNCTION WAS EXECUTED, WHICH GENERATES SQLCODE -20345 ON A DB2 RELEASE PRIOR TO V11, BUT DOES NOT GENERATE AN ERROR STARTING IN V11. 1102: V10 XPATH EVALUATION BEHAVIOR WAS IN EFFECT, WHICH RESULTED IN AN ERROR. FOR EXAMPLE, A DATA TYPE CONVERSION ERROR OCCURRED FOR A PREDICATE THAT WOULD OTHERWISE BE EVALUATED TO FALSE. STARTING IN V11, SUCH ERRORS MIGHT ARE SUPPRESSED. 1103: A DYNAMIC SQL STATEMENT USES THE ASUTIME LIMIT THAT WAS SET FOR THE ENTIRE THREAD FOR RLF REACTIVE GOVERNING. FOR EXAMPLE, WHEN A DYNAMIC SQL STATEMENT IS PROCESSED FROM PACKAGE A, IF THE ASUTIME LIMIT WAS ALREADY SET DURING OTHER DYNAMIC SQL PROCESSING FROM PACKAGE B IN THE SAME THREAD, THE SQL FROM PACKAGE A USES THE ASUTIME LIMIT THAT WAS SET DURING THE SQL PROCESSING FROM PACKAGE B. STARTING WITH V11, DYNAMIC SQL FROM MULTIPLE PACKAGES USES THE ASUTIME LIMIT THAT IS SET IN THEIR OWN PACKAGE INFORMATION. 1104: THE CLIENT_ACCTNG SPECIAL REGISTER WAS SET TO A VALUE THAT IS LONGER THAN THE SUPPORTED LENGTH PRIOR TO V11. THE VALUE WAS TRUNCATED. 1105: THE CLIENT_APPLNAME SPECIAL REGISTER WAS SET TO A VALUE THAT IS LONGER THAN THE SUPPORTED LENGTH PRIOR TO V11. THE VALUE WAS TRUNCATED. 1106: THE CLIENT_USERID SPECIAL REGISTER WAS SET TO A VALUE THAT IS LONGER THAN THE SUPPORTED LENGTH PRIOR TO V11. THE VALUE WAS TRUNCATED. 1107: THE CLIENT_WRKSTNNAME SPECIAL REGISTER WAS SET TO A VALUE THAT IS LONGER THAN THE SUPPORTED LENGTH PRIOR TO V11. THE VALUE WAS TRUNCATED. 1108: THE CLIENT_USERID, CLIENT_WRKSTNNAME, CLIENT_APPLNAME, OR CLIENT_ACCTG

			SPECIAL REGISTER WAS SET TO A VALUE THAT IS LONGER THAN THE SUPPORTED LENGTH PRIOR TO V11. THE TRUNCATED VALUE WAS USED FOR A RESOURCE LIMIT FACILITY SEARCH. 1109: CAST(STRING AS TIMESTAMP) WAS EXECUTED WITH ONE OF THE FOLLOWING TYPES OF INPUT STRINGS: - A STRING OF LENGTH 8, WHICH DB2 TREATED AS A STORE CLOCK VALUE. - A STRING OF LENGTH 13, WHICH DB2 TREATED AS A GENERATE_UNIQUE VALUE. PRIOR TO V11, THIS BEHAVIOR IS INVALID FOR A CAST. IT IS VALID FOR THE TIMESTAMP BUILT-IN FUNCTION ONLY. STARTING IN V11, INPUT TO CAST IS NOT TREATED AS A STORE CLOCK VALUE OR A GENERATE_UNIQUE VALUE. 1110: THE VALUE OF THE ARGUMENT OF THE SPACE BUILT-IN FUNCTION WAS GREATER THAN 32764. 1111: THE VALUE OF THE OPTIONAL INTEGER ARGUMENT OF THE VARCHAR BUILT-IN FUNCTION WAS GREATER THAN 32764. 1112: THE XML_RESTRICT_EMPTY_TAG_SUBSYSTEM_PARAMETER WAS SET. AS A RESULT, EMPTY XML ELEMENTS WERE SERIALIZED TO <X></X>. 1201: THE POWER BUILT-IN FUNCTION RETURNED A RESULT WITH THE DOUBLE DATA TYPE. THE VALUE WAS OUT OF RANGE. IN V12, SQLCODE +802 IS RETURNED. IN PRIOR RELEASES, SQLCODE -802 WAS RETURNED.
QW0376SN	INT	4	STATEMENT NUMBER FOR THE QUERY.
QW0376PL	CHAR	8	PLAN NAME FOR THE QUERY.
QW0376TS	TSTMP	8	TIMESTAMP FOR THE QUERY.
QW0376SI	CHAR	8	STATEMENT IDENTIFIER. THIS FIELD CONTAINS 0 IF QW0376FN = 1103.
QW0376TY	HEX	2	STATEMENT INFORMATION: X'8000': STATEMENT IS DYNAMIC. X'4000': STATEMENT IS STATIC.
QW0376SE	INT	2	SECTION NUMBER. THIS FIELD CONTAINS 0 IF QW0376FN = 1103.
QW0376PC_Off	INT	2	OFFSET FROM QW0376 TO QW0376PC_LEN.
QW0376PN_Off	INT	2	OFFSET FROM QW0376 TO QW0376PN_LEN.
QW0376VL	INT	2	VERSION LENGTH.
QW0376VN	CHAR	64	VERSION.
QW0376SC_Off	INT	2	OFFSET FROM QW0376 TO QW0376SC_LEN.
QW0376PR_Off	INT	2	OFFSET FROM QW0376 TO QW0376PR_LEN.
QW0376INC_Off	INT	2	OFFSET FROM QW0376 TO QW0376INC_LEN.
QW0376SQL_Off	INT	2	OFFSET FROM QW0376 TO QW0376SQL_LEN.

Secondary segment: **SMF102_QW0376PC_D**

Field Name	Type	Len	Description
<i>SMF102_QW0376PC_D.<fieldname></i>			
QW0376PC_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0376PC_Var	XVCHAR	0 128	%U PACKAGE COLLECTION ID.

Secondary segment: **SMF102_QW0376PN_D**

Field Name	Type	Len	Description
<i>SMF102_QW0376PN_D.<fieldname></i>			
QW0376PN_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0376PN_Var	XVCHAR	0 128	%U PROGRAM NAME.

Secondary segment: SMF102_QW0376PR_D

Field Name	Type	Len	Description
<i>SMF102_QW0376PR_D.<fieldname></i>			
QW0376PR_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0376PR_Var	XVCHAR	0 128	%U IF QW0376FN=7 OR QW0376FN=8, THE SPECIFIC NAME.

Secondary segment: SMF102_QW0376SC_D

Field Name	Type	Len	Description
<i>SMF102_QW0376SC_D.<fieldname></i>			
QW0376SC_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0376SC_Var	XVCHAR	0 128	%U IF QW0376FN=7 OR QW0376FN=8, THE SCHEMA NAME.

Secondary segment: SMF102_QW0376INC_D

Field Name	Type	Len	Description
<i>SMF102_QW0376INC_D.<fieldname></i>			
QW0376INC_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0376INC_Var	XVCHAR	0 256	%U FOR QW0376FN=7 OR QW0376FN=8, AN ARRAY OF SIX-BYTE ENTRIES, ONE FOR EACH INCOMPATIBLE PARAMETER. FOR QW0376FN=7, THE ENTRIES ARE FOR INCOMPATIBLE INPUT PARAMETERS. FOR QW0376FN=8, THE ENTRIES ARE FOR ANY OUTPUT PARAMETERS THAT ARE POTENTIALLY INCOMPATIBLE. EACH ENTRY CONTAINS THREE TWO-BYTE FIELDS: - ORDINAL POSITION OF THE PARAMETER - SOURCE DATA TYPE OF THE PARAMETER - TARGET DATA TYPE OF THE PARAMETER THE DATA TYPES ARE THE SQLTYPE VALUES THAT ARE DEFINED FOR THE SQLDA.

Secondary segment: SMF102_QW0376SQL_D

Field Name	Type	Len	Description
<i>SMF102_QW0376SQL_D.<fieldname></i>			
QW0376SQL_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0376SQL_Var	XVCHAR	0 4000	%U IF QW0376SI=0, WHICH MEANS THAT THE SQL STATEMENT IS A DYNAMIC DATA MANIPULATIVE LANGUAGE STATEMENT THAT IS NOT CACHED, THIS VALUE IS UP TO 4000 BYTES OF THE SQL STATEMENT TEXT.

Secondary segment: SMF102_QW0377

Field Name	Type	Len	Description
<i>SMF102_QW0377.<fieldname></i>			
QW0377DB	CHAR	2	DATABASE ID OF THE INDEX FOR WHICH ENTRIES ARE CLEANED UP.
QW0377OB	CHAR	2	INDEX PAGE SET ID OF THE INDEX.
QW0377PT	CHAR	2	INDEX PARTITION NUMBER.
QW0377FL	CHAR	1	FLAGS:
QW0377PG	CHAR	4	PAGE NUMBER OF THE INDEX PAGE THAT WAS CLEANED UP.
QW0377NU	CHAR	4	NUMBER OF PSEUDO-DELETED ENTRIES THAT WERE REMOVED.

Secondary segment: SMF102_QW0378

Field Name	Type	Len	Description
<i>SMF102_QW0378.<fieldname></i>			
QW0378ACL	INT	2	LENGTH OF ACCELERATOR NAME.
QW0378ACN	XVCHAR	0 128	NAME OF ACCELERATOR.

Secondary segment: SMF102_QW0379

Field Name	Type	Len	Description
<i>SMF102_QW0379.<fieldname></i>			
QW0379ACL	INT	2	LENGTH OF ACCELERATOR NAME.
QW0379ACN	XVCHAR	0 128	NAME OF ACCELERATOR.

Secondary segment: SMF102_QW0380

Field Name	Type	Len	Description
<i>SMF102_QW0380.<fieldname></i>			
QW0380_CLS1CP	TIME	8	CURRENT TOTAL NESTED CLASS 1 CPU TIME. THIS TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QW0380_CLS1se	TIME	8	CURRENT TOTAL NESTED CLASS 1 SPECIALTY ENGINE TIME.
QW0380_CLS2CP	TIME	8	CURRENT TOTAL NESTED CLASS 2 CPU TIME. THIS TIME IS TIME THAT IS SPENT IN DB2: - PROCESSING SQL STATEMENTS - CONNECTING AND DISCONNECTING THE STORED TASK, FOR STORED PROCEDURES THAT ARE NOT SQL PL PROCEDURES. THIS TIME DOES NOT INCLUDE TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QW0380_CLS2se	TIME	8	CURRENT TOTAL NESTED CLASS 2 SPECIALTY ENGINE TIME. THIS IS TIME THAT IS SPENT IN DB2, PROCESSING SQL STATEMENTS.
QW0380_CLS2elap	TIME	8	CURRENT TOTAL NESTED CLASS 2 ELAPSED TIME. THIS TIME IS TIME THAT IS SPENT IN DB2: - PROCESSING SQL STATEMENTS - CONNECTING AND DISCONNECTING THE STORED TASK, FOR

			STORED PROCEDURES THAT ARE NOT SQL PL PROCEDURES.
--	--	--	---

Secondary segment: **SMF102_QW0382**

Field Name	Type	Len	Description
<i>SMF102_QW0382.<fieldname></i>			
QW0382ST	CHAR	1	TYPE OF SUSPENDED TASK:

Secondary segment: **SMF102_QW0383**

Field Name	Type	Len	Description
<i>SMF102_QW0383.<fieldname></i>			
QW0383RT	CHAR	1	TYPE OF RESUMED TASK.

Secondary segment: **SMF102_QW0384**

Field Name	Type	Len	Description
<i>SMF102_QW0384.<fieldname></i>			
QW0384QN	INT	4 (S)	
QW0384PG_OFF	INT	2 (S)	
QW0384CI_OFF	INT	2 (S)	
QW0384VI_OFF	INT	2 (S)	
QW0384SI	INT	4 (S)	
QW0384AL	CHAR	8 (S)	
QW0384GM	CHAR	8 (S)	
QW0384TS	HEX	8 (S)	
QW0384SL	HEX	4 (S)	
QW0384SR	HEX	4 (S)	
QW0384HA	INT	4 (S)	
QW0384LH	HEX	4 (S)	
QW0384TL	HEX	8 (S)	
QW0384DB	INT	2 (S)	
QW0384OB	INT	2 (S)	
QW0384CO	INT	2 (S)	
QW0384IB	INT	2 (S)	
QW0384TC_OFF	INT	2 (S)	
QW0384TN_OFF	INT	2 (S)	
QW0384XC_OFF	INT	2 (S)	
QW0384XN_OFF	INT	2 (S)	
QW0384CN_OFF	INT	2 (S)	

QW0384TY	CHAR	1	(S)
QW0384DT	HEX	4	(S)
QW0384DN	CHAR	8	(S)
QW0384SN	CHAR	8	(S)
QW0384BM_OFF	INT	2	(S)
QW0384NC	INT	2	(S)
QW0384F1	HEX	1	(S)
QW0384F2	HEX	1	(S)
QW0384RS	CHAR	8	(S)

Secondary segment: **SMF102_QW0385**

Field Name	Type	Len	Description
<i>SMF102_QW0385.<fieldname></i>			
QW0385GM	CHAR	8	(S)
QW0385HI	INT	4	(S)
QW0385HA	INT	4	(S)
QW0385DB	INT	2	(S)
QW0385PS	INT	2	(S)
QW0385OB	INT	2	(S)
QW0385IB	INT	2	(S)
QW0385F1	HEX	2	(S)
QW0385PT	HEX	4	(S)
QW0385TT	HEX	4	(S)
QW0385IC	HEX	4	(S)
QW0385UC	HEX	4	(S)
QW0385DC	HEX	4	(S)
QW0385CC	HEX	4	(S)
QW0385LC	HEX	4	(S)
QW0385LH	HEX	4	(S)
QW0385TL	HEX	8	(S)
QW0385TS	HEX	8	(S)
QW0385TZ	HEX	8	(S)
QW0385SL	HEX	4	(S)
QW0385SR	HEX	4	(S)
QW0385EC	INT	4	(S)
QW0385ER	INT	4	(S)
QW0385EL	INT	2	(S)
QW0385NF	HEX	1	(S)
QW0385F2	HEX	1	(S)
QW0385NC	HEX	4	(S)

Secondary segment: **SMF102_QW0386**

Field Name	Type	Len	Description
<i>SMF102_QW0386.<fieldname></i>			
QW0386MT	CHAR	4 (S)	
QW0386CD	CHAR	4 (S)	
QW0386AU	CHAR	8 (S)	
QW0386GR	CHAR	8 (S)	
QW0386CL	CHAR	8 (S)	
QW0386FG	HEX	1 (S)	
QW0386PF	HEX	1 (S)	
QW0386CN	INT	1 (S)	
QW0386F1_Off	INT	2 (S) OFFSET TO QW0386F1_LEN.	
QW0386F2_Off	INT	2 (S) OFFSET TO QW0386F2_LEN.	
QW0386LL	INT	4 (S)	
QW0386LE	INT	2 (S)	

Secondary segment: **SMF102_QW0387**

Field Name	Type	Len	Description
<i>SMF102_QW0387.<fieldname></i>			
QW0387PID	INT	4 (S)	
QW0387F1_OFF	INT	2 (S) OFFSET TO A SET STRING.	

Secondary segment: **SMF102_QW0387F1_D**

Field Name	Type	Len	Description
<i>SMF102_QW0387F1_D.<fieldname></i>			
QW0387F1_Len	INT	2	
QW0387F1_Var	XVCHAR	0 1024	

Secondary segment: **SMF102_QW0389**

Field Name	Type	Len	Description
<i>SMF102_QW0389.<fieldname></i>			
QW0389H	CHAR	8	
QW0389NU	INT	2	NUMBER OF INDEXES WITH FAST TRAVERSAL BLOCKS.
QW0389FL	HEX	1	FLAGS:
QW0389AR	CHAR	16 (S)	

QW0389DB	INT	2	DATABASE ID.
QW0389OB	INT	2	INDEX PAGE SET ID.
QW0389PT	INT	2	PARTITION NUMBER.
QW0389LV	CHAR	2	NUMBER OF INDEX LEVELS IN THE FAST TRAVERSAL BLOCK.
QW0389SZ	INT	4	SIZE OF THE FAST TRAVERSAL BLOCK, IN BYTES.

Secondary segment: **SMF102_QW0390**

Field Name	Type	Len	Description
<i>SMF102_QW0390.<fieldname></i>			
QW0390SC_Off	INT	2	OFFSET TO THE SCHEMA NAME.
QW0390PN_Off	INT	2	OFFSET TO THE USER-DEFINED FUNCTION NAME.
QW0390PR_Off	INT	2	OFFSET TO THE USER-DEFINED FUNCTION SPECIFIC NAME.
QW0390PC_Off	INT	2	OFFSET TO THE USER-DEFINED FUNCTION COLLECTION ID.
QW0390PK_Off	INT	2	OFFSET TO THE USER-DEFINED FUNCTION PACKAGE NAME.
QW0390ST	INT	4	(S)
QW0390SP	INT	4	(S)
QW0390NI	FLOAT	8	(S)
QW0390NH	FLOAT	8	(S)
QW0390CM	FLOAT	8	(S)
QW0390CN	FLOAT	8	(S)
QW0390CL	INT	2	(S)
QW0390FL	HEX	1	(S)

Secondary segment: **SMF102_QW0390SC_D**

Field Name	Type	Len	Description
<i>SMF102_QW0390SC_D.<fieldname></i>			
QW0390SC_Len	INT	2	LENGTH OF THE USER-DEFINED FUNCTION SCHEMA NAME.
QW0390SC_Var	XVCHAR	0 128	%U USER-DEFINED FUNCTION SCHEMA NAME.

Secondary segment: **SMF102_QW0390PN_D**

Field Name	Type	Len	Description
<i>SMF102_QW0390PN_D.<fieldname></i>			
QW0390PN_Len	INT	2	LENGTH OF THE USER-DEFINED FUNCTION NAME.
QW0390PN_Var	XVCHAR	0 128	%U USER-DEFINED FUNCTION NAME.

Secondary segment: SMF102_QW0390PR_D

Field Name	Type	Len	Description
<i>SMF102_QW0390PR_D.<fieldname></i>			
QW0390PR_Len	INT	2	LENGTH OF THE USER-DEFINED FUNCTION SPECIFIC NAME.
QW0390PR_Var	XVCHAR	0 128	%U USER-DEFINED FUNCTION SPECIFIC NAME.

Secondary segment: SMF102_QW0390PC_D

Field Name	Type	Len	Description
<i>SMF102_QW0390PC_D.<fieldname></i>			
QW0390PC_Len	INT	2	LENGTH OF THE USER-DEFINED FUNCTION COLLECTION ID.
QW0390PC_Var	XVCHAR	0 128	%U USER-DEFINED FUNCTION COLLECTION ID.

Secondary segment: SMF102_QW0390PK_D

Field Name	Type	Len	Description
<i>SMF102_QW0390PK_D.<fieldname></i>			
QW0390PK_Len	INT	2	LENGTH OF THE USER-DEFINED FUNCTION PACKAGE NAME.
QW0390PK_Var	XVCHAR	0 128	%U USER-DEFINED FUNCTION PACKAGE NAME.

Secondary segment: SMF102_QW0391

Field Name	Type	Len	Description
<i>SMF102_QW0391.<fieldname></i>			
QW0391ST	INT	2	SECTION 1 TYPE: '1': HAS A PACKAGE NAME AND STATEMENT NUMBER. '2': HAS NO PACKAGE NAME NOR STATEMENT NUMBER.

Secondary segment: SMF102_QW0397

Field Name	Type	Len	Description
<i>SMF102_QW0397.<fieldname></i>			
QW0397EY	CHAR	4	(S) PREDICTIVE GOVERNING TRACE EYE CATCHER.
QW0397MI	CHAR	5	(S)
QW0397CB	CHAR	1	(S) CATEGORY B VALUE.
QW0397WR	INT	4	(S) WARNING THRESHOLD.
QW0397ER	INT	4	(S) ERROR THRESHOLD.
QW0397CC	CHAR	1	(S)
QW0397PR	INT	4	(S)

QW0397MS	INT	4	(S)
----------	-----	---	-----

Secondary segment: **SMF102_QW0398**

Field Name	Type	Len	Description
<i>SMF102_QW0398.<fieldname></i>			
QW0398EY	CHAR	4	(S) REACTIVE GOVERNING TRACE EYE CATCHER.
QW0398MN	CHAR	2	(S)
QW0398MI	CHAR	5	(S)
QW0398SN	INT	4	(S) SQL STATEMENT NUMBER.
QW0398ST	INT	2	(S) SQL REQUEST TYPE.
QW0398FG	HEX	1	(S) RLF FLAGS.
QW0398CK	CHAR	1	(S)
QW0398SL	INT	4	(S) USER LIMIT, IN SERVICE UNITS.
QW0398OR	INT	4	(S)
QW0398LM	INT	4	(S) USER LIMIT, IN CPU SECONDS.
QW0398CV	INT	4	(S) CONVERSION FACTOR.
QW0398TP	HEX	8	(S)
QW0398TV	FLOAT	8	(S)
QW0398BT	FLOAT	8	(S)
QW0398TK	CHAR	8	(S)
QW0398DT	FLOAT	8	(S)
QW0398MD	INT	4	(S)
QW0398CN	INT	4	(S)

Secondary segment: **SMF102_QW0399**

Field Name	Type	Len	Description
<i>SMF102_QW0399.<fieldname></i>			
QW0399EY	CHAR	4	(S) SQL PL ASUTIME EYE CATCHER.
QW0399LN	INT	4	(S) LINE NUMBER IN THE SQL PL ROUTINE.
QW0399SN	INT	2	(S)
QW0399ST	CHAR	8	(S)
QW0399CT	CHAR	8	(S)
QW0399SU	INT	4	(S) ASUTIME LIMIT FOR THE SQL PL ROUTINE, IN SERVICE UNITS.
QW0399CP	CHAR	4	(S)
QW0399RT	HEX	8	(S)

Secondary segment: **SMF102_QW0401**

Field Name	Type	Len	Description
SMF102_QW0401.<fieldname>			
QW0401ID	HEX	8	STATEMENT IDENTIFIER.
QW0401EX	FLOAT	8	NUMBER OF EXECUTIONS.
QW0401SR	FLOAT	8	NUMBER OF SYNCHRONOUS BUFFER READS.
QW0401GP	FLOAT	8	NUMBER OF GETPAGES.
QW0401ER	FLOAT	8	NUMBER OF ROWS EXAMINED.
QW0401PR	FLOAT	8	NUMBER OF ROWS PROCESSED.
QW0401ST	FLOAT	8	NUMBER OF SORTS.
QW0401IX	FLOAT	8	NUMBER OF INDEX SCANS.
QW0401TB	FLOAT	8	NUMBER OF TABLE SPACE SCANS.
QW0401WT	FLOAT	8	NUMBER OF BUFFER WRITES.
QW0401PG	FLOAT	8	NUMBER OF PARALLEL GROUPS CREATED.
QW0401ET	CHAR	8	ACCUMULATED IN-DB2 ELAPSED TIME.
QW0401CP	TIME	8	ACCUMULATED IN-DB2 CPU TIME. THIS TIME INCLUDES CPU TIME THAT IS CONSUMED ON AN IBM SPECIALTY ENGINE.
QW0401SI	TIME	8	ACCUMULATED WAIT TIME FOR SYNCHRONOUS I/O.
QW0401LK	TIME	8	ACCUMULATED WAIT TIME FOR LOCKS.
QW0401EU	TIME	8	ACCUMULATED WAIT TIME FOR SYNCHRONOUS EXECUTION UNIT SWITCHES.
QW0401GL	TIME	8	ACCUMULATED WAIT TIME FOR GLOBAL LOCKS.
QW0401OR	TIME	8	ACCUMULATED WAIT TIME FOR READ ACTIVITY THAT WAS DONE BY ANOTHER THREAD.
QW0401OW	TIME	8	ACCUMULATED WAIT TIME FOR WRITE ACTIVITY THAT WAS DONE BY ANOTHER THREAD.
QW0401RL	FLOAT	8	NUMBER OF TIMES THAT THE RID LIST WAS NOT USED BECAUSE THE NUMBER OF RIDS EXCEEDED THE DB2 LIMITS, AND THE NUMBER OF RID BLOCKS EXCEEDED THE VALUE OF SUBSYSTEM PARAMETER MAXTEMPS_RID.
QW0401RS	FLOAT	8	NUMBER OF TIMES THAT A RID LIST WAS NOT USED BECAUSE THERE WAS NOT ENOUGH STORAGE AVAILABLE TO HOLD RID LIST, OR WORK FILE STORAGE OR RESOURCES WERE NOT AVAILABLE.
QW0401LH	TIME	8	ACCUMULATED WAIT TIME FOR LATCH REQUESTS.
QW0401PL	TIME	8	ACCUMULATED WAIT TIME FOR PAGE LATCHES.
QW0401DL	TIME	8	ACCUMULATED WAIT TIME FOR DRAIN LOCKS.
QW0401CM	TIME	8	ACCUMULATED WAIT TIME FOR DRAIN LOCKS THAT ARE WAITING FOR CLAIMS TO BE RELEASED.
QW0401LW	CHAR	8	ACCUMULATED WAIT FOR LOG WRITERS.
QW0401CT	CHAR	8	CONSISTENCY TOKEN OF THE PACKAGE.
QW0401CL_Off	INT	2	OFFSET FROM QW0401 TO QW0401CL_LEN.
QW0401PK_Off	INT	2	OFFSET FROM QW0401 TO QW0401PK_LEN.
QW0401TM2	TSTMP	8	DATE AND TIME WHEN THE STATEMENT WAS INSERTED INTO THE EDM POOL, IN STORE CLOCK FORMAT.
QW0401TM	CHAR	10	DATE AND TIME WHEN THE STATEMENT WAS INSERTED INTO THE INTO THE EDM POOL, IN INTERNAL FORMAT.
QW0401UT1	TSTMP	8	DATE AND TIME WHEN STATEMENT STATISTICS WERE UPDATED, IN STORE CLOCK FORMAT.
QW0401UT2	CHAR	10	

			DATE AND TIME WHEN STATEMENT STATISTICS WERE UPDATED, IN INTERNAL FORMAT.
QW0401WFRIDS	FLOAT	8	NUMBER OF TIMES THAT A RID LIST OVERFLOWED TO A WORK FILE BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS.
QW0401WFRIDT	FLOAT	8	NUMBER OF TIMES A THAT RID LIST OVERFLOWED TO A WORK FILE BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.
QW0401HJINCS	FLOAT	8	NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE NO RID POOL STORAGE WAS AVAILABLE TO HOLD THE LIST OF RIDS.
QW0401HJINCT	FLOAT	8	NUMBER OF TIMES THAT APPENDING TO A RID LIST FOR A HYBRID JOIN WAS INTERRUPTED BECAUSE THE NUMBER OF RIDS EXCEEDED ONE OR MORE INTERNAL LIMITS.
QW0401RSMIAP	FLOAT	8	NUMBER OF TIMES THAT RID LIST RETRIEVAL FOR MULTIPLE INDEX ACCESS WAS NOT DONE BECAUSE DB2 COULD DETERMINE THE OUTCOME OF INDEX ANDING OR ORING.
QW0401AVGESTI	FLOAT	8	AVERAGE ESTIMATED DEGREE OF PARALLELISM FOR ALL PARALLEL GROUPS. THE ESTIMATED DEGREES ARE CALCULATED AT BIND TIME, BASED ON THE COST FORMULA. THE AVERAGE IS CALCULATED AT EXECUTION TIME.
QW0401AVGPLAN	FLOAT	8	AVERAGE PLANNED MAXIMUM DEGREE OF PARALLELISM FOR ALL PARALLEL GROUPS. THE AVERAGE IS CALCULATED AT EXECUTION TIME. IT IS THE OPTIMAL DEGREE OF PARALLELISM THAT CAN BE OBTAINED AT EXECUTION TIME, AFTER HOST VARIABLES OR PARAMETER MARKERS ARE RESOLVED, AND BEFORE BUFFER POOL NEGOTIATION AND SYSTEM NEGOTIATION ARE PERFORMED.
QW0401AVGACT	FLOAT	8	AVERAGE ACTUAL DEGREE OF PARALLELISM FOR ALL PARALLEL GROUPS THE ACTUAL DEGREE OF PARALLELISM IS CALCULATED AT EXECUTION TIME, AFTER BUFFER POOL NEGOTIATION AND PARALLEL SYSTEM NEGOTIATION ARE TAKEN INTO ACCOUNT.
QW0401EXR	CHAR	2	REASON THAT THE SQL STATEMENT WAS EXPANDED. SEE QW0053ER FOR POSSIBLE VALUES.
QW0401FL	HEX	1	
QW0401WC	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR CHILD L-LOCKS.
QW0401WD	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER L-LOCKS.
QW0401WE	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE SET OR PARTITION P-LOCKS.
QW0401WF	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR PAGE P-LOCKS.
QW0401WG	TIME	8	ACCUMULATED WAIT TIME DUE TO GLOBAL CONTENTION FOR OTHER P-LOCKS.
QW0401WH	TIME	8	ACCUMULATED WAIT TIME FOR PIPE WAITS.
QW0401WPQS	CHAR	8	

Secondary segment: **SMF102_QW0401CL_D**

Field Name	Type	Len	Description
<i>SMF102_QW0401CL_D.<fieldname></i>			
QW0401CL_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0401CL_Var	XVCHAR	0 128	%U COLLECTION ID.

Secondary segment: SMF102_QW0401PK_D

Field Name	Type	Len	Description
<i>SMF102_QW0401PK_D.<fieldname></i>			
QW0401PK_Len	INT	2	LENGTH OF THE FOLLOWING FIELD.
QW0401PK_Var	XVCHAR	0 128	%U PACKAGE NAME.

Secondary segment: SMF102_QW04012

Field Name	Type	Len	Description
<i>SMF102_QW04012.<fieldname></i>			
QW0401AID	FLOAT	8	STATEMENT IDENTIFIER. THIS VALUE IS INHERITED FROM FIELD QW0401ID.
QW0401ANM_OFF	INT	2	OFFSET TO THE ACCELERATOR NAME.
QW0401AEXEC	FLOAT	8	NUMBER OF EXECUTIONS ON THE ACCELERATOR.
QW0401AELA	FLOAT	8	ACCUMULATED ELAPSED TIME ON THE ACCELERATOR.
QW0401ACPU	FLOAT	8	ACCUMULATED CPU TIME ON THE ACCELERATOR.
QW0401AROW	FLOAT	8	ACCUMULATED NUMBER OF ROWS RETURNED.
QW0401ABYT	FLOAT	8	ACCUMULATED NUMBER OF BYTES RETURNED.
QW0401ATW1R	FLOAT	8	TIME SPENT WAITING FOR THE ROW.
QW0401ATWDB2	FLOAT	8	TOTAL TIME THAT THE ACCELERATOR WAITED FOR DB2.
QW0401AEXE	FLOAT	8	ACCUMULATED EXECUTION TIME ON THE ACCELERATOR.
QW0401AWAT	FLOAT	8	ACCUMULATED QUEUE WAIT TIME.

Secondary segment: SMF102_QW0401ANM_D

Field Name	Type	Len	Description
<i>SMF102_QW0401ANM_D.<fieldname></i>			
QW0401ANM_Len	INT	2	LENGTH OF THE ACCELERATOR NAME.
QW0401ANM_Var	XVCHAR	0 128	%U ACCLERATOR NAME.

Secondary segment: SMF102_QW0402

Field Name	Type	Len	Description
<i>SMF102_QW0402.<fieldname></i>			
QW0402PI	INT	4	PROFILE ID.
QW0402TE	INT	4	NUMBER OF TIMES THAT A THREAD EXCEPTION THRESHOLD WAS EXCEEDED.
QW0402TQ	INT	4	NUMBER OF THREADS THAT WERE QUEUED OR SUSPENDED WHEN A THREAD EXCEPTION THRESHOLD WAS EXCEEDED.

QW0402TF	INT	4	NUMBER OF REQUESTS THAT FAILED BECAUSE A THREAD EXCEPTION THRESHOLD WAS EXCEEDED.
QW0402TW	INT	4	NUMBER OF TIMES THAT A THREAD EXCEPTION WARNING WAS EXCEEDED.
QW0402CE	INT	4	NUMBER OF TIMES THAT A CONNECTION EXCEPTION THRESHOLD WAS EXCEEDED.
QW0402CW	INT	4	NUMBER OF TIMES THAT A CONNECTION WARNING THRESHOLD WAS EXCEEDED.
QW0402OE	INT	4	NUMBER OF TIMES THAT AN IDLE THREAD EXCEPTION THRESHOLD WAS EXCEEDED.
QW0402OW	INT	4	NUMBER OF TIMES THAT AN IDLE THREAD WARNING THRESHOLD WAS EXCEEDED.

Secondary segment: **SMF102_QW0404**

Field Name	Type	Len	Description
<i>SMF102_QW0404.<fieldname></i>			
QW0404TO	CHAR	1 (S)	
QW0404NM	CHAR	16 (S)	
QW0404PR	INT	2	THE PRIVILEGE THAT WAS CHECKED.
QW0404OT	CHAR	1	OBJECT TYPE.
QW0404AT	CHAR	1	AUTHORIZATION TYPE: ' ': AUTHORIZATION ID. 'L': ROLE.
QW0404F1_Off	INT	2	OFFSET TO THE AUTHORIZATION ID OR ROLE.
QW0404F2_Off	INT	2	OFFSET TO THE SCHEMA NAME.
QW0404F3_Off	INT	2	OFFSET TO THE OBJECT NAME.

Secondary segment: **SMF102_QW0404F1_D**

Field Name	Type	Len	Description
<i>SMF102_QW0404F1_D.<fieldname></i>			
QW0404F1_Len	INT	2	LENGTH OF THE AUTHORIZATION ID OR ROLE.
QW0404F1_Var	XVCHAR	0 128	%U AUTHORIZATION ID OR ROLE.

Secondary segment: **SMF102_QW0404F2_D**

Field Name	Type	Len	Description
<i>SMF102_QW0404F2_D.<fieldname></i>			
QW0404F2_Len	INT	2	LENGTH OF THE SCHEMA NAME.
QW0404F2_Var	XVCHAR	0 128	%U SCHEMA NAME.

Secondary segment: SMF102_QW0404F3_D

Field Name	Type	Len	Description
<i>SMF102_QW0404F3_D.<fieldname></i>			
QW0404F3_Len	INT	2	LENGTH OF THE OBJECT NAME.
QW0404F3_Var	XVCHAR	0 128	%U OBJECT NAME.

Secondary segment: SMF102_QW0406

Field Name	Type	Len	Description
<i>SMF102_QW0406.<fieldname></i>			
QW0406CN	CHAR	8	(S) CSECT NAME.
QW0406LU_L	INT	2	(S) LENGTH OF QW0406LU_D.
QW0406LU_D	CHAR	42	(S) PRINTABLE LUWID DATA.
QW0406THDI_L	INT	2	(S) LENGTH OF QW0406THDI_D.
QW0406THDI_D	CHAR	255	(S) THREAD-INFO DATA.
QW0406LOCN_L	INT	2	(S) LENGTH OF QW0406LOCN_D.
QW0406LOCN_D	CHAR	128	(S) LOCATION NAME DATA.
QW0406ET	CHAR	1	(S) EVENT TYPE: (S) 'I': IDLE THREAD TIMEOUT. (S) 'T': MONITOR THREADS. (S) 'C': MONITOR CONNECTIONS.
QW0406CT	CHAR	1	(S) CONDITION TYPE: (S) 'W': WARNING. (S) 'E': EXCEPTION.
QW0406PI	HEX	4	(S) PROFILE ID.

Secondary segment: SMF102_QW0413

Field Name	Type	Len	Description
<i>SMF102_QW0413.<fieldname></i>			
QW0413PN	CHAR	8	PROCEDURE NAME.
QW0413RN	CHAR	6	RESOURCE NAME.
QW0413DB	INT	2	DATABASE ID.
QW0413PS	INT	2	PAGE SET ID.
QW0413PT	INT	2	PARTITION NUMBER.
QW0413DMS	HEX	4	(S)
QW0413CNT	HEX	2	(S)
QW0413LMT	HEX	2	(S)
QW0413FL	HEX	2	(S)

Secondary segment: SMF102_QW0414

Field Name	Type	Len	Description
<i>SMF102_QW0414.<fieldname></i>			

QW0414R	CHAR	1	THE REASON FOR THE PIPE WAIT RESUME:
QW0414FL	HEX	2	(S)

Secondary segment: **SMF102_QW0477**

Field Name	Type	Len	Description
<i>SMF102_QW0477.<fieldname></i>			
QW0477DB	CHAR	2	DATABASE ID OF THE INDEX FOR WHICH A FAST TRAVERSAL BLOCK WAS CREATED.
QW0477OB	CHAR	2	INDEX PAGE SET ID.
QW0477PT	CHAR	2	PARTITION NUMBER.
QW0477LV	CHAR	2	NUMBER OF INDEX LEVELS IN THE FAST TRAVERSAL BLOCK.
QW0477SZ	INT	4	SIZE OF THE FAST TRAVERSAL BLOCK, IN BYTES.
QW0477FL	HEX	1	FLAGS:

Secondary segment: **SMF102_QW0499**

Field Name	Type	Len	Description
<i>SMF102_QW0499.<fieldname></i>			
QW0499RS	HEX	4	REASON THAT THE RECORD WAS EXTERNALIZED:

Secondary segment: **SMF102_QW04992**

Field Name	Type	Len	Description
<i>SMF102_QW04992.<fieldname></i>			
QW0499SID	CHAR	8	STATEMENT ID.
QW0499NEC	FLOAT	8	NUMBER OF EXECUTIONS.
QW0499STY	HEX	2	STATEMENT TYPE:

Record Type 103 - IBM HTTP Server

SMF Record 103 (IBM HTTP Server) is mapped by structure member "T103".

Primary Segment:

- [SMF103_IBM_HTTP_Server](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF103_Product_Information](#)
- [SMF103_Subtype_13_Configuration](#)
- [SMF103_Subtype_14_Performance](#)

Primary segment: [SMF103_IBM_HTTP_Server](#)

Field Name	Type	Len	Description
<i>SMF103_IBM_HTTP_Server.<fieldname></i>			
SMF103_IBM_HTTP_Server.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF105FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF105RTY) Record type 103 (x'67')
zTME	TSTMP	8	(IBM name: SMF105TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF105SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF105SSI) Sub system identification
zSTY	INT	2	(IBM name: SMF105STY) Record SubType.
zSTN	INT	2	(IBM name: SMF105TRN) Number of triplets in this record.

SMF103_IBM_HTTP_Server.Self_Defining_Section.<fieldname>			
zPRS	INT	4	(IBM name: SMF105PRS) Offset to the IBM HTTP Server product section from the beginning of the record (including RDW).
zPRL	INT	2	(IBM name: SMF105PRL) Length of the IBM HTTP Server product section.
zPRN	INT	2	(IBM name: SMF105PRN) Number of the IBM HTTP Server product section.
zXES	INT	4	(IBM name: SMF105MES) Offset to metric section from beginning of the record (including RDW).
zXEL	INT	2	(IBM name: SMF105MEL) Length of the metric section.
zXEN	INT	2	(IBM name: SMF105MEN) Number of the metric section.

Secondary segment: [SMF103_Product_Information](#)

Field Name	Type	Len	Description
<i>SMF103_Product_Information.<fieldname></i>			

zMFV	DEC	2 (2,0)	(IBM name: SMF105MFV) HTTP Server version number.
zPRD	CHAR	8	(IBM name: SMF105PRD) Product name (IBM HTTP Server).

Secondary segment: SMF103_Subtype_13_Configuration

Field Name	Type	Len	Description
<i>SMF103_Subtype_13_Configuration.<fieldname></i>			
zPID	INT	4	Process ID.
zREADY	INT	4	Number of ready threads.
zBUSY	INT	4	Number of busy threads.
zREAD	INT	4	Number of reading threads.
zWRITE	INT	4	Number of writing threads.
zLOG	INT	4	Number of logging threads.
zDNS	INT	4	Number of domain name server threads.
zCLOSING	INT	4	Number of closing threads.
zKEEPALIVE	INT	4	Number of keepalive threads.
zTRANSKB	INT	4	Number of KB transferred.
zREQUESTS	INT	4	Number of requests served.
zNAME_LEN	INT	4	Length of server name.
zNAME	XVCHAR	0 1024	Server name.

Secondary segment: SMF103_Subtype_14_Performance

Field Name	Type	Len	Description
<i>SMF103_Subtype_14_Performance.<fieldname></i>			
zPID	INT	4	(IBM Name: PID) Process ID.
zMETHOD_LENGTH	INT	4	(IBM Name: METHOD_LENGTH) Length of the HTTP request method.
zDOMAIN_LENGTH	INT	4	(IBM Name: DOMAIN_LENGTH) Length of the HTTP host header.
zURL_LENGTH	INT	4	(IBM Name: URL_LENGTH) Length of the HTTP request URL.
zRIP_LENGTH	INT	4	(IBM Name: RIP_LENGTH) Length of the client IP address.
zCPU_TIME	CHAR	8	(IBM Name: CPU_TIME) Accumulated CPU time in seconds.
zELAPSED_TIME	INT	8	(IBM Name: ELAPSED_TIME) Long. Elapsed request time in milliseconds.
zMETHOD	XVCHAR	0 1024	(IBM Name: METHOD) HTTP request method.
zDOMAIN	XVCHAR	0 1024	(IBM Name: DOMAIN) HTTP request domain.
zURL	XVCHAR		

		0 1024	(IBM Name: URL) HTTP request URL.
zCLIENTIP	XVCHAR	0 1024	(IBM Name: CLIENTIP) Remote client IP address.
zVERSION	INT	4	(IBM Name: VERSION) Version of the SMF record.
zJOBNAME	CHAR	8	(IBM Name: JOBNAME) Process job name.
zJOBID	CHAR	8	(IBM Name: JOBID) Process job ID or started task (STC) ID.
zASID	CHAR	2	(IBM Name: ASID) ASID.

Record Type 104 - RMF Distributed Platform Performance

SMF Record 104 (RMF Distributed Platform Performance) is mapped by structure member "T104".

Primary Segment:

- [SMF104_RMF_Distributed_Platform_Performance](#)

Secondary Segment(s): 34 (in alphabetical order)

- [SMF104_Image_Control](#)
- [SMF104_Product_Information](#)
- [SMF104_01_AIX_ActiveMemoryExpansionMetrics](#)
- [SMF104_02_AIX_ProcessorMetrics](#)
- [SMF104_03_AIX_ComputerSystemMetrics](#)
- [SMF104_04_AIX_DiskMetrics](#)
- [SMF104_05_AIX_NetworkPortMetrics](#)
- [SMF104_06_AIX_FileSystemMetrics](#)
- [SMF104_07_AIX_MemoryMetrics](#)
- [SMF104_08_AIX_OperatingSystemMetrics](#)
- [SMF104_09_AIX_ProcessMetrics](#)
- [SMF104_10_AIX_SharedEthernetAdapterMetrics](#)
- [SMF104_11_AIX_ActiveMemorySharingMetrics](#)
- [SMF104_12_AIX_VirtualTargetDeviceMetrics](#)
- [SMF104_20_Linux_IPProtocolEndpointMetrics](#)
- [SMF104_21_Linux_LocalFileSystemMetrics](#)
- [SMF104_22_Linux_NetworkPortMetrics](#)
- [SMF104_23_Linux_OperatingSystemMetrics](#)
- [SMF104_24_Linux_ProcessorMetrics](#)
- [SMF104_25_Linux_UnixProcessMetrics](#)
- [SMF104_26_Linux_StorageMetrics](#)
- [SMF104_30_Linux_KVMMetrics](#)
- [SMF104_31_Linux_XenMetrics](#)
- [SMF104_40_Linux_IPProtocolEndpointMetrics](#)
- [SMF104_41_Linux_LocalFileSystemMetrics](#)
- [SMF104_42_Linux_NetworkPortMetrics](#)
- [SMF104_43_Linux_OperatingSystemMetrics](#)
- [SMF104_44_Linux_ProcessorMetrics](#)
- [SMF104_45_Linux_UnixProcessMetrics](#)
- [SMF104_46_Linux_StorageMetrics](#)
- [SMF104_50_Linux_zCECMetrics](#)
- [SMF104_51_Linux_zLPARMetrics](#)
- [SMF104_52_Linux_zChannelMetrics](#)
- [SMF104_53_Linux_zECKDMetrics](#)

Primary segment: [SMF104_RMF_Distributed_Platform_Performance](#)

Field Name	Type	Len	Description
<i>SMF104_RMF_Distributed_Platform_Performance.<fieldname></i>			
<i>SMF104_RMF_Distributed_Platform_Performance.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF104FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF104RTY) Record type 104 (x'68')
zTME	TSTMP	8	(IBM name: SMF104TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF104SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF104SSI) Sub system identification
zSTY	INT	2	(IBM name: SMF104STY) Record SubType.
zSTN	INT	2	(IBM name: SMF104TRN) Number of triplets in this record.

SMF104_RMF_Distributed_Platform_Performance.Self_Defining_Section.<fieldname>			
zPRS	INT	4	(IBM name: SMF104PRS) Offset to the RMF XP product section from the beginning of the record (including RDW).
zPRL	INT	2	(IBM name: SMF104PRL) Length of the RMF XP product section.
zPRN	INT	2	(IBM name: SMF104PRN) Number of the RMF XP product section.
zICS	INT	4	(IBM name: SMF104ICS) Offset to image control section from beginning of the record (including RDW).
zICL	INT	2	(IBM name: SMF104ICL) Length of the image control section.
zICN	INT	2	(IBM name: SMF104ICN) Number of the image control section.
zMES	INT	4	(IBM name: SMF104MES) Offset to metric section from beginning of the record (including RDW).
zMEL	INT	2	(IBM name: SMF104MEL) Length of the metric section.
zMEN	INT	2	(IBM name: SMF104MEN) Number of the metric section.

Secondary segment: SMF104_Product_Information

Field Name	Type	Len	Description
SMF104_Product_Information.<fieldname>			
zMFV	DEC	2 (2,0)	(IBM name: SMF104MFV) RMF version number.
zPRD	CHAR	8	(IBM name: SMF104PRD) Product name (RMF XP).
zIST	TIME	4	(IBM name: SMF104IST) Time that the RMF XP measurement interval started, in the form 0hhmmssF, where hh is the hours, mm is the minutes, ss is the seconds, and F is the sign.
zDAT	DATE	4	(IBM name: SMF104DAT) Date when the RMF measurement interval started, in the form 0ccyddF.
zINT	HEX	4	(IBM name: SMF104INT) Duration of RMF measurement interval, in the form mmsstttF, where mm is the minutes, ss is the seconds, ttt is the milliseconds, and F is the sign. The end of the measurement interval is the sum of the recorded start time and this field.
zLGO	TSTMP	8	(IBM name: SMF104LGO) Offset GMT to local time (STCK format).
zXPL	INT	2	(IBM name: SMF104XPL) RMF XP functionality level.
zCPX	CHAR	24	(IBM name: SMF104CPX) System complex name, specified with the COMPLEX parameter in the cfg4A X Z configuration file.
zOSL	CHAR	8	(IBM name: SMF104OSL) Operating system label served by RMF XP (AIX or LINUX).
zPLT	INT (ENUM)	2	(IBM name: SMF104PLT) Platform type served by RMF XP: 'AIX' => AIX on IBM Power Systems, 'xLinux' => Linux on System x, 'zLinux' => Linux on z Systems.
zMVS	CHAR	8	(IBM name: SMF104MVS) z/OS software level for the current system (consists of an acronym and the

			version, release, and modification level - ZVvvrmm).
zXNM	CHAR	8	(IBM name: SMF104XNM) Sysplex name of the current sysplex as defined in parmlib member COUPLExx.
zSNM	CHAR	8	(IBM name: SMF104SNM) System name for the current system as defined in parmlib member IEASYSxx SYSNAME parameter.

Secondary segment: SMF104_Image_Control

Field Name	Type	Len	Description
<i>SMF104_Image_Control.<fieldname></i>			
zTOF	CHAR	64	(IBM name: SMF104MIM) Name of this monitored image, extracted from the CIM metrics collection.
zTLN	CHAR	14	(IBM name: SMF104TIM) Timestamp in the format yyyyymmddhhmmss, extracted from the CIM metrics collection.
zTON	CHAR	14	(IBM name: SMF104DUR) Interval duration in the format yyyyymmddhhmmss, extracted from the CIM metrics collection.
zSSOF	CHAR	64	(IBM name: SMF104CIM) Name of the image where the CIM server is running, specified with the IMAGE parameter in the cfg4A X Z configuration file.
zSSLN	CHAR	4	(IBM name: SMF104OST) Operating system type where the CIM server is running, extracted from the OSType attribute of the CIM_Operating_System instance: 9 => AIX, 36 => Linux.
zSSON	CHAR	64	(IBM name: SMF104OSV) Operating system version where the CIM server is running, extracted from the version attribute of the CIM_Operating_System instance.
zPPOF	CHAR	4	(IBM name: SMF104CTZ) Current time zone, extracted from the CurrentTimeZone attribute of the CIM_Operating_System instance. This value represents the GMT offset in minutes.
zPPLN	INT	2	(IBM name: SMF104MIND) Index of first metric section associated with this monitored image.
zPPON	INT	2	(IBM name: SMF104MNUM) Number of metric sections associated with this monitored image.

Secondary segment: SMF104_01_AIX_ActiveMemoryExpansionMetrics

Field Name	Type	Len	Description
<i>SMF104_01_AIX_ActiveMemoryExpansionMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM name: R10401MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zCMCP	FLOAT	8	(IBM name: R10401CMCP) Percentage of CPU consumed by memory compression. (CompressMemCPUPercentage)
zCMPPG	FLOAT	8	(IBM name: R10401CMPPG) Number of physical pages in the compressed pool. (CompressedMemPoolPages)
zCMPP	FLOAT	8	(IBM name: R10401CMPP) Percentage of true memory used for the compressed pool.

			(CompressedMemPoolPercentage)
zCMPS	FLOAT	8	(IBM name: R10401CMPS) Size of the compressed memory pool in megabytes. (CompressedMemPoolSize)
zCMEF	FLOAT	8	(IBM name: R10401CMEF) Current percentage of expanded memory in use for this LPAR. (CurrentMemExpFactor)
zDS	FLOAT	8	(IBM name: R10401DS) Deficit memory size between target size and actual size. (DeficitSize)
zEMS	FLOAT	8	(IBM name: R10401EMS) Size of expanded memory for this LPAR in megabytes. (ExpMemSize)
zMM	FLOAT	8	(IBM name: R10401MM) Current memory mode. The value can be: 0 => Shared, 1 => Dedicated, 2 => Expanded (MemoryMode)
zPIR	FLOAT	8	(IBM name: R10401PIR) Rate of page-in operations per second from the compressed pool to the uncompressed pool. (PageInRate)
zPOR	FLOAT	8	(IBM name: R10401POR) Rate of page-out operations per second from the uncompressed pool to the compressed pool. (PageOutRate)
zTMEF	FLOAT	8	(IBM name: R10401TMEF) Target percentage of expanded memory in use for this LPAR. (TargetMemExpFactor)
zTMS	FLOAT	8	(IBM name: R10401TMS) Size of true memory for this LPAR in megabytes. (TrueMemSize)

Secondary segment: SMF104_02_AIX_ProcessorMetrics

Field Name	Type	Len	Description
<i>SMF104_02_AIX_ProcessorMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10402MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zTCTP	FLOAT	8	(IBM Name: R10402TCTP) Percentage of time where the processor was active during the interval. (TotalCPUTimePercentage)
zTICTP	FLOAT	8	(IBM Name: R10402TICTP) Percentage of time where the processor was idle during the interval. (TotalIdleCPUTimePercentage)
zTKCTP	FLOAT	8	(IBM Name: R10402TKCTP) Percentage of time where the processor was active in kernel mode during the interval. (TotalKernCPUTimePercentage)
zTUCTP	FLOAT	8	(IBM Name: R10402TUCTP) Percentage of time where the processor was active in user mode during the interval. (TotalUserCPUTimePercentage)
zTWCTP	FLOAT	8	(IBM Name: R10402TWCTP) Percentage of time where the processor was in a wait condition during the interval. (TotalWaitCPUTimePercentage)

Secondary segment: SMF104_03_AIX_ComputerSystemMetrics

Field Name	Type	Len	Description
<i>SMF104_03_AIX_ComputerSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	

			(IBM Name: R10403MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAVP	FLOAT	8	(IBM Name: R10403AVP) Number of active virtual processors. (ActiveVirtualProcessors)
zEVIP	FLOAT	8	(IBM Name: R10403EVIP) Percentage of the entitled processing capacity idle. (ExternalViewIdlePercentage)
zEVKMP	FLOAT	8	(IBM Name: R10403EVKMP) Percentage of the entitled processing capacity used while running in kernel mode. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10403EVTCP) Percentage of the entitled processing capacity used. The value is the sum of ExternalViewUserModePercentage and ExternalViewKernelModePercentage. (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10403EVUMP) Percentage of the entitled processing capacity used while running in user mode. (ExternalViewUserModePercentage)
zNOPCU	FLOAT	8	(IBM Name: R10403NOPCU) Number of online physical CPUs used by this LPAR. (NumberOfPhysicalCPUsUtilized)
zPDCUP	FLOAT	8	(IBM Name: R10403PDCUP) Percentage of the entitled capacity consumed. Percentage of the CPU capacity defined to this operating system container that is actually used, not counting any idle time. (PartitionDefinedCapacityUsedPercentage)
zPCUP	FLOAT	8	(IBM Name: R10403PCUP) Percentage of the physical computation unit available to this LPAR. (PhysicalComputationUnitPercentage)
zTOLSC	FLOAT	8	(IBM Name: R10403TOLSC) Time since last boot operation in milliseconds. (TimeOfLastStateChange)
zUGCC	FLOAT	8	(IBM Name: R10403UGCC) CPU time not used on the lowest level of virtualization layer (nearest to the hardware) this operating system is running in and shareable between two or more OS containers. (UnusedGlobalCPUCapacity)
zUPCC	FLOAT	8	(IBM Name: R10403UPCC) CPU Time in milliseconds reserved exclusively for this OS container but not used. (UnusedPartitionCPUCapacity)

Secondary segment: **SMF104_04_AIX_DiskMetrics**

Field Name	Type	Len	Description
<i>SMF104_04_AIX_DiskMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10404MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zATP	FLOAT	8	(IBM Name: R10404ATP) Percentage of time the disk was processing requests. (ActiveTimePercentage)
zAS	FLOAT	8	(IBM Name: R10404AS) Free portion of the disk in megabytes. (AvailableSpace)
zADU	FLOAT	8	(IBM Name: R10404ADU) Percentage of time the disk spent servicing transfers in relation to the time the disk was active. (AverageDeviceUtilization)
zCAP	FLOAT	8	(IBM Name: R10404CAP) Total size of the disk in megabytes. (Capacity)
zIOI	FLOAT	8	(IBM Name: R10404IOI) Indicator for the disk utilization. The value represents the product of the ResponseTime multiplied with the RequestRate. (IOIntensity)

zQD	FLOAT	8	(IBM Name: R10404QD) Average number of requests on the instantaneous wait queue. (QueueDepth)
zRO	FLOAT	8	(IBM Name: R10404RO) Number of transfers from the disk. (ReadOperations)
zRT	FLOAT	8	(IBM Name: R10404RT) Average number of bytes read per second from the disk. (ReadThroughput)
zRR	FLOAT	8	(IBM Name: R10404RR) Number of I/O requests per second. (RequestRate)
zRTM	FLOAT	8	(IBM Name: R10404RTM) Average response time per I/O request including service time and wait time. (ResponseTime)
zTO	FLOAT	8	(IBM Name: R10404TO) Number of transfers. The value is the sum of ReadOperations and WriteOperations. (TransferredOperations)
zTT	FLOAT	8	(IBM Name: R10404TT) Average number of bytes transferred per second. The value is the sum of ReadThroughput and WriteThroughput. (TransferredThroughput) (WaitTime) (WriteOperations) (WriteThroughput)
zWT	FLOAT	8	(IBM Name: R10404WT) Average wait time per I/O request. (WaitTime)
zWO	FLOAT	8	(IBM Name: R10404WO) Number of transfers to the disk. (WriteOperations)
zWTP	FLOAT	8	(IBM Name: R10404WTP) Average number of bytes written to disk per second. (WriteThroughput)

Secondary segment: SMF104_05_AIX_NetworkPortMetrics

Field Name	Type	Len	Description
<i>SMF104_05_AIX_NetworkPortMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10405MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBR	FLOAT	8	(IBM Name: R10405BR) Bytes received for this interface. (BytesReceived)
zBT	FLOAT	8	(IBM Name: R10405BT) Bytes transmitted for this interface. (BytesTransmitted)
zER	FLOAT	8	(IBM Name: R10405ER) Average number of errors per second for this interface. (ErrorRate)
zKRR	FLOAT	8	(IBM Name: R10405KRR) Kilobytes received per second for this interface. (KbsReceivedRate)
zKTHR	FLOAT	8	(IBM Name: R10405KTHR) Kilobytes transmitted and received per second for this interface. (KbsThroughoutRate)
zKTR	FLOAT	8	(IBM Name: R10405KTR) Kilobytes transmitted per second for this interface. (KbsTransmittedRate)
zNPUP	FLOAT	8	(IBM Name: R10405NPUP) The number of packets transmitted and received for this interface divided by the total number of packets transmitted and received by the system. (NetworkPortUtilizationPercentage)
zPR	FLOAT	8	(IBM Name: R10405PR) Number of packets received for this interface. (PacketsReceived)
zPRR	FLOAT	8	(IBM Name: R10405PRR) Number of packets received per second for this interface. (PacketsReceivedRate)

zPT	FLOAT	8	(IBM Name: R10405PT) Number of packets transmitted for this interface. (PacketsTransmitted)
zPTR	FLOAT	8	(IBM Name: R10405PTR) Number of packets transmitted per second for this interface. (PacketsTransmittedRate)

Secondary segment: SMF104_06_AIX_FileSystemMetrics

Field Name	Type	Len	Description
<i>SMF104_06_AIX_FileSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10406MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAS	FLOAT	8	(IBM Name: R10406AS) Available space for this filesystem in megabytes. (AvailableSpace)
zTS	FLOAT	8	(IBM Name: R10406TS) Total space for this filesystem in megabytes. (TotalSpace)
zUS	FLOAT	8	(IBM Name: R10406US) Used space for this filesystem in megabytes. (UsedSpace)

Secondary segment: SMF104_07_AIX_MemoryMetrics

Field Name	Type	Len	Description
<i>SMF104_07_AIX_MemoryMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10407MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAVM	FLOAT	8	(IBM Name: R10407AVM) Current number of active pages in virtual memory. (ActiveVirtualMemory)
zFSPI	FLOAT	8	(IBM Name: R10407FSPI) Number of page-in operations per second from the filesystem. (FileSystemPageIn)
zFSPO	FLOAT	8	(IBM Name: R10407FSPO) Number of page-out operations per second to the filesystem. (FileSystemPageOut)
zMUP	FLOAT	8	(IBM Name: R10407MUP) Average percentage of memory utilized during the interval. (MemoryUtilizationPercentage)
zPFM	FLOAT	8	(IBM Name: R10407PFM) Number of page-faults per second. (PageFaultMemory)
zPSI	FLOAT	8	(IBM Name: R10407PSI) Number of page-in operations per second from the pagingspace. (PageSpaceIn)
zPSO	FLOAT	8	(IBM Name: R10407PSO) Number of page-out operations per second from the pagingspace. (PageSpaceOut)
zPSM	FLOAT	8	(IBM Name: R10407PSM) Number of page-stealing operations per second. (PageStealMemory)

Secondary segment: SMF104_08_AIX_OperatingSystemMetrics

Field Name	Type	Len	Description
<i>SMF104_08_AIX_OperatingSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10408MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zCCI	FLOAT	8	(IBM Name: R10408CCI) CPU time consumed by this operating system divided by CPU time which could have been used by the operating system within the interval. The value of this metric is between 0 (no CPU time (CPUConsumptionIndex)
zCSR	FLOAT	8	(IBM Name: R10408CSR) Number of context switches per second. (ContextSwitchRate)
zEVKMP	FLOAT	8	(IBM Name: R10408EVKMP) Percentage of CPU resources used by this operating system in kernel mode in relation to the CPU capacity for the LPAR without account. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10408EVTCP) Percentage of CPU resources used by this operating system. The value is the sum of ExternalViewUserModePercentage and ExternalViewKernelModePercentage. (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10408EVUMP) Percentage of CPU resources used by this operating system in user mode in relation to the CPU capacity for the LPAR without taking capping effects or competition with other workloads into (ExternalViewUserModePercentage)
zFPM	FLOAT	8	(IBM Name: R10408FPM) Amount of currently unused physical memory. (FreePhysicalMemory)
zFSIPF	FLOAT	8	(IBM Name: R10408FSIPF) Amount of virtual memory that can be swapped out into paging files or block devices. (FreeSpaceInPagingFiles)
zFVM	FLOAT	8	(IBM Name: R10408FVM) Amount of currently unused virtual memory. (FreeVirtualMemory)
zHIR	FLOAT	8	(IBM Name: R10408HIR) Number of hardware interrupts per second. (HardwareInterruptRate)
zIVIP	FLOAT	8	(IBM Name: R10408IVIP) Percentage of time the operating system was idle. (InternalViewIdlePercentage)
zIVKMP	FLOAT	8	(IBM Name: R10408IVKMP) Percentage of CPU time spent in kernel mode by the operating system. (InternalViewKernelModePercentage)
zIVTCP	FLOAT	8	(IBM Name: R10408IVTCP) Percentage of CPU time spent by the operating system. (InternalViewTotalCPUPercentage)
zIVUMP	FLOAT	8	(IBM Name: R10408IVUMP) Percentage of CPU time spent in user mode by the operating system. (InternalViewUserModePercentage)
zKMT	FLOAT	8	(IBM Name: R10408KMT) Total CPU time the operating system spent in kernel mode. (KernelModeTime)
zLA	FLOAT	8	(IBM Name: R10408LA) Average number of dispatchable units in the ready queue, not counting any idle tasks. A currently running unit is counted as dispatchable unit as well. (LoadAverage)
zNOP	FLOAT	8	(IBM Name: R10408NOP) Number of processes currently loaded or running in the operating system. Kernel threads are not taken into account. (NumberOfProcesses)
zNOU	FLOAT	8	(IBM Name: R10408NOU) Number of user sessions for which the operating system is currently storing state information. If the same user is logged in several times, each session is counted. (NumberOfUsers)
zPIR	FLOAT	8	

			(IBM Name: R10408PIR) Average number of pages paged in per second. (PageInRate)
zPOR	FLOAT	8	(IBM Name: R10408POR) Average number of pages paged out per second. (PageOutRate)
zSIR	FLOAT	8	(IBM Name: R10408SIR) Number of software interrupts per second. (SoftwareInterruptRate)
zTCT	FLOAT	8	(IBM Name: R10408TCT) Sum of KernelModeTime and UserModeTime, that is, the total CPU time spent in user mode or kernel mode. (TotalCPUTime)
zUMT	FLOAT	8	(IBM Name: R10408UMT) Total CPU time the operating system spent in user mode. (UserModeTime)

Secondary segment: SMF104_09_AIX_ProcessMetrics

Field Name	Type	Len	Description
<i>SMF104_09_AIX_ProcessMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10409MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAKMT	FLOAT	8	(IBM Name: R10409AKMT) CPU time used by this process in kernel mode since process creation. (AccumulatedKernelModeTime)
zATCT	FLOAT	8	(IBM Name: R10409ATCT) Sum of AccumulatedUserModeTime and AccumulatedKernelModeTime for this process. (AccumulatedTotalCPUTime)
zAUMT	FLOAT	8	(IBM Name: R10409AUMT) CPU time used by this process in user mode since process creation. (AccumulatedUserModeTime)
zEVKMP	FLOAT	8	(IBM Name: R10409EVKMP) CPU resources used by this process in kernel mode in relation to the CPU capacity available on a higher level of virtualization. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10409EVTCP) CPU resources used by this process in relation to the CPU capacity available on a higher level of virtualization. The value is the sum of ExternalViewUserModePercentage and (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10409EVUMP) CPU resources used by this process in user mode in relation to the CPU capacity available on a higher level of virtualization. (ExternalViewUserModePercentage)
zIVKMP	FLOAT	8	(IBM Name: R10409IVKMP) CPU time spent for this process in kernel mode in relation to the total CPU time spent for the system in kernel mode. (InternalViewKernelModePercentage)
zIVTCP	FLOAT	8	(IBM Name: R10409IVTCP) Total CPU time spent for this process in relation to the total CPU time spent for the system. The value is the sum of InternalViewUserModePercentage and (InternalViewTotalCPUPercentage)
zIVUMP	FLOAT	8	(IBM Name: R10409IVUMP) CPU time spent for this process in user mode in relation to the total CPU time spent for the system in user mode. (InternalViewUserModePercentage)
zKMT	FLOAT	8	(IBM Name: R10409KMT) CPU time spent in kernel mode by this process. (KernelModeTime)
zMNOOF	FLOAT	8	(IBM Name: R10409MNOOF) Maximum number of open files for this process. (MaxNumberOfOpenFiles)
zPIR	FLOAT	8	(IBM Name: R10409PIR) Average number of pages paged in per second on behalf of this process.

			(PageInRate)
zRSS	FLOAT	8	(IBM Name: R10409RSS) Physical memory size for this process. (ResidentSetSize)
zSS	FLOAT	8	(IBM Name: R10409SS) Integral shared memory size for this process. (SharedSize)
zTCT	FLOAT	8	(IBM Name: R10409TCT) Sum of UserModeTime and KernelModeTime for this process. (TotalCPUTime)
zUMT	FLOAT	8	(IBM Name: R10409UMT) CPU time spent in user mode by this process. (UserModeTime)
zVS	FLOAT	8	(IBM Name: R10409VS) Virtual memory size for this process. (VirtualSize)

Secondary segment: SMF104_10_AIX_SharedEthernetAdapterMetrics

Field Name	Type	Len	Description
<i>SMF104_10_AIX_SharedEthernetAdapterMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10410MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBIR	FLOAT	8	(IBM Name: R10410BIR) Bytes received rate for this shared ethernet adapter. (ByteInRate)
zBOR	FLOAT	8	(IBM Name: R10410BOR) Bytes sent rate for this shared ethernet adapter. (ByteOutRate)
zPIR	FLOAT	8	(IBM Name: R10410PIR) Packets received rate for this shared ethernet adapter. (PacketInRate)
zPOR	FLOAT	8	(IBM Name: R10410POR) Packets sent rate for this shared ethernet adapter. (PacketOutRate)
zTR	FLOAT	8	(IBM Name: R10410TR) Transfer rate for this shared ethernet adapter. (TransferredRate)

Secondary segment: SMF104_11_AIX_ActiveMemorySharingMetrics

Field Name	Type	Len	Description
<i>SMF104_11_AIX_ActiveMemorySharingMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10411MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAMSE	FLOAT	8	(IBM Name: R10411AMSE) Indicator if active memory sharing is enabled (1) or not (0). (ActiveMemorySharingEnabled)
zHPI	FLOAT	8	(IBM Name: R10411HPI) Number of hypervisor page-in operations. (HypervsrPageIn)
zHPIT	FLOAT	8	(IBM Name: R10411HPIT) Time waiting for hypervisor page-in operations in milliseconds. (HypervsrPageInTime)
zLP	FLOAT	8	(IBM Name: R10411LP) Policy of loan memory in response to hypervisor requests. The value can be off (0), default (1) or aggressive (2). (LoanPolicy)
zLMS	FLOAT	8	(IBM Name: R10411LMS) Amount of logical memory currently loaned to the hypervisor in megabytes. (LoanedMemSize)

zMPS	FLOAT	8	(IBM Name: R10411MPS) Amount of memory in the shared memory pool in megabytes. (MemPoolSize)
zMIOME	FLOAT	8	(IBM Name: R10411MIOME) Minimum I/O memory entitlement for this LPAR in megabytes. (MinIOMemEntitlement)
zTIOME	FLOAT	8	(IBM Name: R10411TIOME) Total I/O memory entitlement for this LPAR in megabytes. (TotalIOMemEntitlement)
zUIOME	FLOAT	8	(IBM Name: R10411UIOME) Used I/O memory entitlement for this LPAR in megabytes. (UsedIOMemEntitlement)

Secondary segment: SMF104_12_AIX_VirtualTargetDeviceMetrics

Field Name	Type	Len	Description
<i>SMF104_12_AIX_VirtualTargetDeviceMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10412MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zKRR	FLOAT	8	(IBM Name: R10412KRR) Read rate per second for this virtual target device. (KbsReadRate)
zKWR	FLOAT	8	(IBM Name: R10412KWR) Write rate per second for this virtual target device. (KbsWriteRate)
zTR	FLOAT	8	(IBM Name: R10412TR) Average number of transmissions per second for this virtual target device. (TransferRate)

Secondary segment: SMF104_20_Linux_IPProtocolEndpointMetrics

Field Name	Type	Len	Description
<i>SMF104_20_Linux_IPProtocolEndpointMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10420MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBR	FLOAT	8	(IBM Name: R10420BR) Number of bytes received on this IP protocol endpoint during the interval. (BytesReceived)
zBT	FLOAT	8	(IBM Name: R10420BT) Number of bytes transmitted on this IP protocol endpoint during the interval. (BytesTransmitted)
zER	FLOAT	8	(IBM Name: R10420ER) Average number of errors per second during the interval. This includes errors that occurred during transmitting and receiving and recovered errors as well as unrecovered errors. (ErrorRate)
zPR	FLOAT	8	(IBM Name: R10420PR) Total number of packets received on this IP protocol endpoint during the interval. (PacketsReceived)
zPT	FLOAT	8	(IBM Name: R10420PT) Total number of packets transmitted on this IP protocol endpoint during the interval. (PacketsTransmitted)
zPRR	FLOAT	8	(IBM Name: R10420PRR) Average number of packets received per second on this IP protocol endpoint during the interval. (PacketReceiveRate)

zPTR	FLOAT	8	(IBM Name: R10420PTR) Average number of packets transmitted per second on this IP protocol endpoint during the interval. (PacketTransmitRate)
zBRR	FLOAT	8	(IBM Name: R10420BRR) Average number of bytes received per second on this IP protocol endpoint during the interval. (ByteReceiveRate)
zBTR	FLOAT	8	(IBM Name: R10420BTR) Average number of bytes transmitted per second on this IP protocol endpoint during the interval. (ByteTransmitRate)
zRDR	FLOAT	8	(IBM Name: R10420RDR) Average number of received packets dropped per second on this IP protocol endpoint during the interval. (ReceiveDropRate)
zRPD	FLOAT	8	(IBM Name: R10420RPD) Number of received packets dropped on this IP protocol endpoint during the interval. (ReceivePacketsDropped)
zTDR	FLOAT	8	(IBM Name: R10420TDR) Average number of transmitted packets dropped per second on this IP protocol endpoint during the interval. (TransmitDropRate) endpoint during the interval. (TransmitPacketsDropped)
zTPD	FLOAT	8	(IBM Name: R10420TPD) Number of transmitted packets dropped on this IP protocol endpoint during the interval. (TransmitPacketsDropped)

Secondary segment: SMF104_21_Linux_LocalFileSystemMetrics

Field Name	Type	Len	Description
<i>SMF104_21_Linux_LocalFileSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10421MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAS	FLOAT	8	(IBM Name: R10421AS) Amount of free space for the file system. (AvailableSpace)
zASP	FLOAT	8	(IBM Name: R10421ASP) Percentage of free space for the file system. (AvailableSpacePercentage)

Secondary segment: SMF104_22_Linux_NetworkPortMetrics

Field Name	Type	Len	Description
<i>SMF104_22_Linux_NetworkPortMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10422MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBR	FLOAT	8	(IBM Name: R10422BR) Number of bytes received on this network port during the interval including any protocol overhead such as framing characters, headers and trailers. (BytesReceived)
zBT	FLOAT	8	(IBM Name: R10422BT) Number of bytes transmitted on this network port during the interval including any protocol overhead such as framing characters, headers and trailers. (BytesTransmitted)
zER	FLOAT	8	(IBM Name: R10422ER) Average number of network errors per second during the interval. This includes errors that occurred during transmitting and receiving, and recovered errors as well as unrecovered errors.

Secondary segment: **SMF104_23_Linux_OperatingSystemMetrics**

Field Name	Type	Len	Description
<i>SMF104_23_Linux_OperatingSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10423MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zCCI	FLOAT	8	(IBM Name: R10423CCI) CPU time consumed by this operating system, divided by CPU time which could have been used by the operating system within the interval. The value of this metric is between 0 (no (CPUConsumptionIndex)
zCSR	FLOAT	8	(IBM Name: R10423CSR) Number of context switches per second. Scheduler efficiency is one major bottleneck for highly scalable server images. This metric shows how demanding a workload is with regard to the (ContextSwitchRate)
zEVKMP	FLOAT	8	(IBM Name: R10423EVKMP) Percentage of CPU resources used by this operating system in kernel mode in relation to the CPU capacity of the virtual server without taking capping effects or competition with other (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10423EVTCP) Percentage of CPU resources used by this operating system in relation to the CPU capacity of the virtual server without taking capping effects or competition with other partitions into (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10423EVUMP) Percentage of CPU resources used by this operating system in user mode in relation to the CPU capacity of the virtual server without taking capping effects or competition with other (ExternalViewUserModePercentage)
zFPM	FLOAT	8	(IBM Name: R10423FPM) Amount of physical memory currently unused and available. In a virtualized environment this is the free memory available to the operating system. (FreePhysicalMemory)
zFSIPF	FLOAT	8	(IBM Name: R10423FSIPF) Amount of virtual memory that can be mapped into the operating system's paging files without causing any used pages to be purged from the paging files. If an operating system does (FreeSpaceInPagingFiles)
zFVM	FLOAT	8	(IBM Name: R10423FVM) Amount of virtual memory currently unused and available. (FreeVirtualMemory)
zHIR	FLOAT	8	(IBM Name: R10423HIR) Number of hardware interrupts per second. (HardwareInterruptRate)
zIVIP	FLOAT	8	(IBM Name: R10423IVIP) Percentage of time this operating system was idle (OS view). Idle is the CPU time spent looking for work. In a virtual environment, idle time can be used by other operating systems (InternalViewIdlePercentage)
zIVKMP	FLOAT	8	(IBM Name: R10423IVKMP) Percentage of CPU resources used in kernel mode by this operating system. (InternalViewKernelModePercentage)
zIVTCP	FLOAT	8	(IBM Name: R10423IVTCP) Percentage of CPU resources used by this operating system. (InternalViewTotalCPUPercentage)
zIVUMP	FLOAT	8	(IBM Name: R10423IVUMP) Percentage of CPU resources used in user mode by this interval. (UserModeTime)
zKMT	FLOAT	8	(IBM Name: R10423KMT) CPU time the operating system spent in kernel mode during the interval. (KernelModeTime)
zLA	FLOAT	8	(IBM Name: R10423LA) Average number of dispatchable units in the ready queue, not counting any idle tasks. A currently running unit is counted as dispatchable unit as well. (LoadAverage)

zNOP	FLOAT	8	(IBM Name: R10423NOP) Number of process contexts currently loaded or running on the operating system. (NumberOfProcesses)
zNOU	FLOAT	8	(IBM Name: R10423NOU) Number of user sessions for which the operating system is currently storing state information. If the same user is logged on several times, each session is counted separately. (NumberOfUsers)
zPIR	FLOAT	8	(IBM Name: R10423PIR) Average number of pages paged in per second. (PageInRate)
zPOR	FLOAT	8	(IBM Name: R10423POR) Average number of pages paged out per second. (PageOutRate)
zSSIPF	FLOAT	8	(IBM Name: R10423SSIPF) Number of kilobytes that can be stored in the operating system's paging files. This number does not represent the actual physical size of the paging file on disk. A value of zero indicates that there are no paging files. (SizeStoredInPagingFiles)
zTCT	FLOAT	8	(IBM Name: R10423TCT) CPU time the operating system spent during the interval. The value is the sum of KernelModeTime and UserModeTime and does not include any idle time. (TotalCPUTime)
zTVIRMS	FLOAT	8	(IBM Name: R10423TVIRMS) Number of kilobytes of virtual memory. This value is the sum of total physical memory and the amount of paging space. (TotalVirtualMemorySize)
zTVISMS	FLOAT	8	(IBM Name: R10423TVISMS) Total amount of physical memory available to the operating system. This value does not necessarily indicate the true amount of physical memory, but indicates the amount that is reported as being available to the operating system. (TotalVisibleMemorySize)
zUMT	FLOAT	8	(IBM Name: R10423UMT) CPU time the operating system spent in user mode during the interval. (UserModeTime)
zUPM	FLOAT	8	(IBM Name: R10423UPM) Amount of physical memory currently in use. (UsedPhysicalMemory)
zUVM	FLOAT	8	(IBM Name: R10423UVM) Amount of virtual memory currently in use. (UsedVirtualMemory)
zIOWT	FLOAT	8	(IBM Name: R10423IOWT) CPU time the operating system spent waiting for I/O during the interval. (IOWaitTime)
zCSC	FLOAT	8	(IBM Name: R10423CSC) Accumulated number of context switches. Scheduler efficiency is one major bottleneck for highly scalable server images. This metric shows how demanding a workload is with regard to the (ContextSwitchCounter)
zHIC	FLOAT	8	(IBM Name: R10423HIC) Accumulated number of hardware interrupts. (HardwareInterruptCounter)
zLC	FLOAT	8	(IBM Name: R10423LC) Accumulated number of dispatchable units in the ready queue, not counting any idle tasks. A currently running unit is counted as dispatchable unit as well. (LoadCounter)
zPIC	FLOAT	8	(IBM Name: R10423PIC) Accumulated number of pages paged in. (PageInCounter)
zPOC	FLOAT	8	(IBM Name: R10423POC) Accumulated number of pages paged out. (PageOutCounter)

Secondary segment: SMF104_24_Linux_ProcessorMetrics

Field Name	Type	Len	Description
SMF104_24_Linux_ProcessorMetrics.<fieldname>			
zMNAME	CHAR	64	

			(IBM Name: R10424MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zTCTP	FLOAT	8	(IBM Name: R10424TCTP) Percentage of time where the CPU was not idle. (TotalCPUTimePercentage)

Secondary segment: SMF104_25_Linux_UnixProcessMetrics

Field Name	Type	Len	Description
<i>SMF104_25_Linux_UnixProcessMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10425MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAKMT	FLOAT	8	(IBM Name: R10425AKMT) CPU time in kernel mode spent for this process since process creation. (AccumulatedKernelModeTime)
zATCT	FLOAT	8	(IBM Name: R10425ATCT) CPU time spent for this process since process creation. (AccumulatedTotalCPUTime)
zAUMT	FLOAT	8	(IBM Name: R10425AUMT) CPU time in user mode spent for this process since process creation. (AccumulatedUserModeTime)
zEVKMP	FLOAT	8	(IBM Name: R10425EVKMP) Percentage of CPU resources used in kernel mode by this process in relation to the CPU capacity available on a higher level of virtualization. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10425EVTCP) Percentage of CPU resources used by this process in relation to the CPU capacity available on a higher level of virtualization. The value is the sum of ExternalViewUserModePercentage and ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10425EVUMP) Percentage of CPU resources used by this process in user mode in relation to the CPU capacity available on a higher level of virtualization. (ExternalViewUserModePercentage)
zIVKMP	FLOAT	8	(IBM Name: R10425IVKMP) CPU time spent for this process in kernel mode in relation to the total CPU time spent for the system in kernel mode. (InternalViewKernelModePercentage)
zIVTCP	FLOAT	8	(IBM Name: R10425IVTCP) Total CPU time spent for this process in relation to the total CPU time spent for the system. The value is the sum of InternalViewUserModePercentage and (InternalViewTotalCPUPercentage)
zIVUMP	FLOAT	8	(IBM Name: R10425IVUMP) CPU time spent for this process in user mode in relation to the total CPU time spent for the system in user mode. (InternalViewUserModePercentage)
zKMT	FLOAT	8	(IBM Name: R10425KMT) CPU time the process consumed in kernel mode during the interval. (KernelModeTime)
zPIR	FLOAT	8	(IBM Name: R10425PIR) Number of pages paged in per second on behalf of this process. (PageInRate)
zPOR	FLOAT	8	(IBM Name: R10425POR) Number of pages paged out per second on behalf of this process. (PageOutRate)
zRSS	FLOAT	8	(IBM Name: R10425RSS) Amount of physical memory used by this process. Any memory (ResidentSetSize)

zSS	FLOAT	8	(IBM Name: R10425SS) Number of bytes this process shares with other processes like dynamic link libraries. (SharedSize)
zTCT	FLOAT	8	(IBM Name: R10425TCT) CPU time the process consumed during the interval. This value is the sum of KernelModeTime and UserModeTime and does not include any idle time. (TotalCPUTime)
zUMT	FLOAT	8	(IBM Name: R10425UMT) CPU time the process consumed in user mode during the interval. (UserModeTime)
zVS	FLOAT	8	(IBM Name: R10425VS) The size of the virtual memory used by this process. (VirtualSize)
zPIC	FLOAT	8	(IBM Name: R10425PIC) Accumulated number of pages paged in on behalf of this process. (PageInCounter)
zPOC	FLOAT	8	(IBM Name: R10425POC) Accumulated number of pages paged out on behalf of this process. (PageOutCounter)

Secondary segment: SMF104_26_Linux_StorageMetrics

Field Name	Type	Len	Description
<i>SMF104_26_Linux_StorageMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10426MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zCAP	FLOAT	8	(IBM Name: R10426CAP) Total Capacity of the device in bytes. (Capacity)
zRD	FLOAT	8	(IBM Name: R10426RD) Number of kilobytes read from the device during the interval. (Read)
zWR	FLOAT	8	(IBM Name: R10426WR) Number of kilobytes written to the device during the interval. (Write)

Secondary segment: SMF104_30_Linux_KVMMetrics

Field Name	Type	Len	Description
<i>SMF104_30_Linux_KVMMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10430MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAVP	FLOAT	8	(IBM Name: R10430AVP) Number of active virtual processors for this domain. (ActiveVirtualProcessors)
zEVTCTP	FLOAT	8	(IBM Name: R10430EVTCTP) Percentage of CPU resources used by this domain during the interval. If power management or hyper-threading are used, the content of this metric may be wrong. The metric is derived from (ExternalViewTotalCPUTimePercentage)
zHFPM	FLOAT	8	(IBM Name: R10430HFPM) Host physical memory currently not claimed by any domain. (HostFreePhysicalMemory)
zHMP	FLOAT	8	(IBM Name: R10430HMP) Percentage of overall physical memory claimed by this domain. (HostMemoryPercentage)

zPMATVS	FLOAT	8	(IBM Name: R10430PMATVS) Memory currently claimed by this domain. Note that a domain may ask the hypervisor for more memory if under memory pressure. (PhysicalMemoryAllocatedToVirtualSystem)
zPMATVSP	FLOAT	8	(IBM Name: R10430PMATVSP) Percentage of memory currently claimed by this domain in relation to the defined maximum. (PhysicalMemoryAllocatedToVirtualSystemPercentage)
zTMEVTCTP	FLOAT	8	(IBM Name: R10430TMEVTCTP) Percentage of CPU resources used by this domain during the most recent 10 minute interval. (TenMinuteExternalViewTotalCPUTimePercentage)
zTMTCT	FLOAT	8	(IBM Name: R10430TMTCT) CPU time spent for this domain during the most recent 10 minute interval. (TenMinuteTotalCPUTime)
zTCT	FLOAT	8	(IBM Name: R10430TCT) CPU time spent for this domain during the interval. (TotalCPUTime)
zBC	FLOAT	8	(IBM Name: R10430BC) Total capacity of the first block device for this domain in bytes. (BlockCapacity)
zBR	FLOAT	8	(IBM Name: R10430BR) Number of kilobytes read from the first block device for this domain during the interval. (BlockRead)
zBW	FLOAT	8	(IBM Name: R10430BW) Number of kilobytes written to the first block device for this domain during the interval. (BlockWrite)
zCRTC	FLOAT	8	(IBM Name: R10430CRTC) Accumulated CPU idle time in microseconds for this domain.
zUTC	FLOAT	8	(IBM Name: R10430UTC) Accumulated CPU busy time in microseconds for this domain. (CPUUsedTimeCounter)
zVSS	FLOAT	8	(IBM Name: R10430VSS) Current state of this domain. 0 => nostate, 1 => running, 2 => blocked, 3 => paused, 4 => shutdown, 5 => shutoff, 6 => crashed, 7 => suspended. (VirtualSystemState)

Secondary segment: SMF104_31_Linux_XenMetrics

Field Name	Type	Len	Description
<i>SMF104_31_Linux_XenMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10431MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAVP	FLOAT	8	(IBM Name: R10431AVP) Number of active virtual processors for this domain. (ActiveVirtualProcessors)
zEVTCTP	FLOAT	8	(IBM Name: R10431EVTCTP) Percentage of CPU resources used by this domain during the interval. If power management or hyper-threading are used, the content of this metric may be wrong. The metric is derived from (ExternalViewTotalCPUTimePercentage)
zHFPM	FLOAT	8	(IBM Name: R10431HFPM) Host physical memory currently not claimed by any domain. (HostFreePhysicalMemory)
zHMP	FLOAT	8	(IBM Name: R10431HMP) Percentage of overall physical memory claimed by this domain. (HostMemoryPercentage)
zPMATVS	FLOAT	8	(IBM Name: R10431PMATVS) Memory currently claimed by this domain. Note that a domain may ask the hypervisor for more memory if under memory pressure. (PhysicalMemoryAllocatedToVirtualSystem)

zPMATVSP	FLOAT	8	(IBM Name: R10431PMATVSP) Percentage of memory currently claimed by this domain in relation to the defined maximum. (PhysicalMemoryAllocatedToVirtualSystemPercentage)
zTMEVTCTP	FLOAT	8	(IBM Name: R10431TMEVTCTP) Percentage of CPU resources used by this domain during the most recent 10 minute interval. (TenMinuteExternalViewTotalCPUTimePercentage)
zTMTCT	FLOAT	8	(IBM Name: R10431TMTCT) CPU time spent for this domain during the most recent 10 minute interval. (TenMinuteTotalCPUTime)
zTCT	FLOAT	8	(IBM Name: R10431TCT) CPU time spent for this domain during the interval. (TotalCPUTime)

Secondary segment: SMF104_40_Linux_IPProtocolEndpointMetrics

Field Name	Type	Len	Description
<i>SMF104_40_Linux_IPProtocolEndpointMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10440MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBR	FLOAT	8	(IBM Name: R10440BR) Number of bytes received on this IP protocol endpoint during the interval. (BytesReceived)
zBT	FLOAT	8	(IBM Name: R10440BT) Number of bytes transmitted on this IP protocol endpoint during the interval. (BytesTransmitted)
zER	FLOAT	8	(IBM Name: R10440ER) Average number of errors per second during the interval. This includes errors that occurred during transmitting and receiving and recovered errors as well as unrecovered errors. (ErrorRate)
zPR	FLOAT	8	(IBM Name: R10440PR) Total number of packets received on this IP protocol endpoint during the interval. (PacketsReceived)
zPT	FLOAT	8	(IBM Name: R10440PT) Total number of packets transmitted on this IP protocol endpoint during the interval. (PacketsTransmitted)
zPRR	FLOAT	8	(IBM Name: R10440PRR) Average number of packets received per second on this IP protocol endpoint during the interval. (PacketReceiveRate)
zPTR	FLOAT	8	(IBM Name: R10440PTR) Average number of packets transmitted per second on this IP protocol endpoint during the interval. (PacketTransmitRate)
zBRR	FLOAT	8	(IBM Name: R10440BRR) Average number of bytes received per second on this IP protocol endpoint during the interval. (ByteReceiveRate)
zBTR	FLOAT	8	(IBM Name: R10440BTR) Average number of bytes transmitted per second on this IP protocol endpoint during the interval. (ByteTransmitRate)
zRDR	FLOAT	8	(IBM Name: R10440RDR) Average number of received packets dropped per second on this IP protocol endpoint during the interval. (ReceiveDropRate)
zRPD	FLOAT	8	(IBM Name: R10440RPD) Number of received packets dropped on this IP protocol endpoint during the interval. (ReceivePacketsDropped)
zTDR	FLOAT	8	(IBM Name: R10440TDR) Average number of transmitted packets dropped per second on this IP protocol endpoint during the interval. (TransmitDropRate) endpoint during the interval. (TransmitPacketsDropped)
zTPD	FLOAT	8	(IBM Name: R10440TPD) Number of transmitted packets dropped on this IP protocol endpoint during

			the interval. (TransmitPacketsDropped)
--	--	--	--

Secondary segment: SMF104_41_Linux_LocalFileSystemMetrics

Field Name	Type	Len	Description
<i>SMF104_41_Linux_LocalFileSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10441MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAS	FLOAT	8	(IBM Name: R10441AS) Amount of free space for the file system. (AvailableSpace)
zASP	FLOAT	8	(IBM Name: R10441ASP) Percentage of free space for the file system. (AvailableSpacePercentage)

Secondary segment: SMF104_42_Linux_NetworkPortMetrics

Field Name	Type	Len	Description
<i>SMF104_42_Linux_NetworkPortMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10442MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBR	FLOAT	8	(IBM Name: R10442BR) Number of bytes received on this network port during the interval including any protocol overhead such as framing characters, headers, and trailers. (BytesReceived)
zBT	FLOAT	8	(IBM Name: R10442BT) Number of bytes transmitted on this network port during the interval including any protocol overhead such as framing characters, headers, and trailers. (BytesTransmitted)
zER	FLOAT	8	(IBM Name: R10442ER) Average number of network errors per second during the interval. This includes errors that occurred during transmitting and receiving, and recovered errors as well as unrecovered errors.

Secondary segment: SMF104_43_Linux_OperatingSystemMetrics

Field Name	Type	Len	Description
<i>SMF104_43_Linux_OperatingSystemMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10443MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zCCI	FLOAT	8	(IBM Name: R10443CCI) CPU time consumed by this operating system divided by CPU time which could have been used by the operating system within the interval. The value of this metric is between 0 (no (CPUConsumptionIndex)
zCSR	FLOAT	8	(IBM Name: R10443CSR) Number of context switches per second. Scheduler efficiency is one major bottleneck for highly scalable server images. This metric shows how demanding a workload is with regard to the (ContextSwitchRate)
zEVKMP	FLOAT	8	(IBM Name: R10443EVKMP) Percentage of CPU resources used by this operating system in kernel mode in relation to the CPU capacity of the virtual server without taking

			capping effects or competition with other (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10443EVTCP) Percentage of CPU resources used by this operating system in relation to the CPU capacity of the virtual server without taking capping effects or competition with other partitions into (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10443EVUMP) Percentage of CPU resources used by this operating system in user mode in relation to the CPU capacity of the virtual server without taking capping effects or competition with other (ExternalViewUserModePercentage)
zFPM	FLOAT	8	(IBM Name: R10443FPM) Amount of physical memory currently unused and available. In a virtualized environment this is the free memory available to the operating system. (FreePhysicalMemory)
zFSIPF	FLOAT	8	(IBM Name: R10443FSIPF) Amount of virtual memory that can be mapped into the operating system's paging files without causing any used pages to be purged from the paging files. If an operating system does (FreeSpaceInPagingFiles)
zFVM	FLOAT	8	(IBM Name: R10443FVM) Amount of virtual memory currently unused and available. (FreeVirtualMemory)
zHIR	FLOAT	8	(IBM Name: R10443HIR) Number of hardware interrupts per second. (HardwareInterruptRate)
zIVIP	FLOAT	8	(IBM Name: R10443IVIP) Percentage of time this operating system was idle (OS view). Idle is the CPU time spent looking for work. In a virtual environment, idle time can be used by other operating systems (InternalViewIdlePercentage)
zIVKMP	FLOAT	8	(IBM Name: R10443IVKMP) Percentage of CPU resources used in kernel mode by this operating system. (InternalViewKernelModePercentage)
zIVTCP	FLOAT	8	(IBM Name: R10443IVTCP) Percentage of CPU resources used by this operating system. (InternalViewTotalCPUPercentage)
zIVUMP	FLOAT	8	(IBM Name: R10443IVUMP) Percentage of CPU resources used in user mode by this interval. (UserModeTime)
zKMT	FLOAT	8	(IBM Name: R10443KMT) CPU time the operating system spent in kernel mode during the interval. (KernelModeTime)
zLA	FLOAT	8	(IBM Name: R10443LA) Average number of dispatchable units in the ready queue, not counting any idle tasks. A currently running unit is counted as dispatchable unit as well. (LoadAverage)
zNOP	FLOAT	8	(IBM Name: R10443NOP) Number of process contexts currently loaded or running on the operating system. (NumberOfProcesses)
zNOU	FLOAT	8	(IBM Name: R10443NOU) Number of user sessions for which the operating system is currently storing state information. If the same user is logged on several times, each session is counted separately. (NumberOfUsers)
zPIR	FLOAT	8	(IBM Name: R10443PIR) Average number of pages paged in per second. (PageInRate)
zPOR	FLOAT	8	(IBM Name: R10443POR) Average number of pages paged out per second. (PageOutRate)
zSSIPF	FLOAT	8	(IBM Name: R10443SSIPF) Number of kilobytes that can be stored in the operating system's paging files. This number does not represent the actual physical size of the paging file on disk. A value of zero indicates that there are no paging files. (SizeStoredInPagingFiles)
zTCT	FLOAT	8	(IBM Name: R10443TCT) CPU Time the operating system spent during the interval. The value is the sum of KernelModeTime and UserModeTime and does not include any idle time. (TotalCPUTime)

zTVIRMS	FLOAT	8	(IBM Name: R10443TVIRMS) Number of kilobytes of virtual memory. This value is the sum of total physical memory and the amount of paging space. (TotalVirtualMemorySize)
zTVISMS	FLOAT	8	(IBM Name: R10443TVISMS) Total amount of physical memory available to the operating system. This value does not necessarily indicate the true amount of physical memory, but indicates the amount that is reported as being available to the operating system. (TotalVisibleMemorySize)
zUMT	FLOAT	8	(IBM Name: R10443UMT) CPU time the operating system spent in user mode during the interval. (UserModeTime)
zUPM	FLOAT	8	(IBM Name: R10443UPM) Amount of physical memory currently in use (UsedPhysicalMemory)
zUVM	FLOAT	8	(IBM Name: R10443UVM) Amount of virtual memory currently in use. (UsedVirtualMemory)
zIOWT	FLOAT	8	(IBM Name: R10443IOWT) CPU time the operating system spent waiting for I/O during the interval. (IOWaitTime)
zCSC	FLOAT	8	(IBM Name: R10443CSC) Accumulated number of context switches. Scheduler efficiency is one major bottleneck for highly scalable server images. This metric shows how demanding a workload is with regard to the (ContextSwitchCounter)
zHIC	FLOAT	8	(IBM Name: R10443HIC) Accumulated number of hardware interrupts.. (HardwareInterruptCounter)
zLC	FLOAT	8	(IBM Name: R10443LC) Accumulated number of dispatchable units in the ready queue, not counting any idle tasks. A currently running unit is counted as dispatchable unit as well. (LoadCounter)
zPIC	FLOAT	8	(IBM Name: R10443PIC) Accumulated number of pages paged in. (PageInCounter)
zPOC	FLOAT	8	(IBM Name: R10443POC) Accumulated number of pages paged out. (PageOutCounter)

Secondary segment: SMF104_44_Linux_ProcessorMetrics

Field Name	Type	Len	Description
<i>SMF104_44_Linux_ProcessorMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10444MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zTCTP	FLOAT	8	(IBM Name: R10444TCTP) Percentage of time where the CPU was not idle. (TotalCPUTimePercentage)

Secondary segment: SMF104_45_Linux_UnixProcessMetrics

Field Name	Type	Len	Description
<i>SMF104_45_Linux_UnixProcessMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10445MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAKMT	FLOAT	8	(IBM Name: R10445AKMT) CPU time in kernel mode spent for this process since process creation. (AccumulatedKernelModeTime)

zATCT	FLOAT	8	(IBM Name: R10445ATCT) CPU time spent for this process since process creation. (AccumulatedTotalCPUTime)
zAUMT	FLOAT	8	(IBM Name: R10445AUMT) CPU time in user mode spent for this process since process creation. (AccumulatedUserModeTime)
zEVKMP	FLOAT	8	(IBM Name: R10445EVKMP) Percentage of CPU resources used in kernel mode by this process in relation to the CPU capacity available on a higher level of virtualization. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10445EVTCP) Percentage of CPU resources used by this process in relation to the CPU capacity available on a higher level of virtualization. The value is the sum of ExternalViewUserModePercentage and ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10445EVUMP) Percentage of CPU resources used by this process in user mode in relation to the CPU capacity available on a higher level of virtualization. (ExternalViewUserModePercentage)
zIVKMP	FLOAT	8	(IBM Name: R10445IVKMP) CPU time spent for this process in kernel mode in relation to the total CPU time spent for the system in kernel mode. (InternalViewKernelModePercentage)
zIVTCP	FLOAT	8	(IBM Name: R10445IVTCP) Total CPU time spent for this process in relation to the total CPU time spent for the system. The value is the sum of InternalViewUserModePercentage and (InternalViewTotalCPUPercentage)
zIVUMP	FLOAT	8	(IBM Name: R10445IVUMP) CPU time spent for this process in user mode in relation to the total CPU time spent for the system in user mode. (InternalViewUserModePercentage)
zKMT	FLOAT	8	(IBM Name: R10445KMT) CPU time the process consumed in kernel mode during the interval. (KernelModeTime)
zPIR	FLOAT	8	(IBM Name: R10445PIR) Number of pages paged in per second on behalf of this process. (PageInRate)
zPOR	FLOAT	8	(IBM Name: R10445POR) Number of pages paged out per second on behalf of this process. (PageOutRate)
zRSS	FLOAT	8	(IBM Name: R10445RSS) Amount of physical memory used by this process. Any memory (ResidentSetSize)
zSS	FLOAT	8	(IBM Name: R10445SS) Number of bytes this process shares with other processes like dynamic link libraries. (SharedSize)
zTCT	FLOAT	8	(IBM Name: R10445TCT) CPU time the process consumed during the interval. This value is the sum of KernelModeTime and UserModeTime and does not include any idle time. (TotalCPUTime)
zUMT	FLOAT	8	(IBM Name: R10445UMT) CPU time the process consumed in user mode during the interval. (UserModeTime)
zVS	FLOAT	8	(IBM Name: R10445VS) The size of the virtual memory used by this process. (VirtualSize)
zPIC	FLOAT	8	(IBM Name: R10445PIC) Accumulated number of pages paged in on behalf of this process. (PageInCounter)
zPOC	FLOAT	8	(IBM Name: R10445POC) Accumulated number of pages paged out on behalf of this process. (PageOutCounter)

Secondary segment: SMF104_46_Linux_StorageMetrics

Field Name	Type	Len	Description
<i>SMF104_46_Linux_StorageMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10446MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zCAP	FLOAT	8	(IBM Name: R10446CAP) Total Capacity of the device in bytes. (Capacity)
zRD	FLOAT	8	(IBM Name: R10446RD) Number of kilobytes read from the device during the interval. (Read)
zWR	FLOAT	8	(IBM Name: R10446WR) Number of kilobytes written to the device during the interval. (Write)

Secondary segment: SMF104_50_Linux_zCECMetrics

Field Name	Type	Len	Description
<i>SMF104_50_Linux_zCECMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10450MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zEVKMP	FLOAT	8	(IBM Name: R10450EVKMP) Capacity-based CPU percentage of CEC CPU resources used by PR/SM LPAR hypervisor to do the virtualization. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10450EVTCP) Capacity-based total CPU percentage on CEC level. The percentage the physical CPU resources of the CEC were not idle. (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10450EVUMP) Capacity-based CPU percentage of CEC CPU resources used by the hosted virtual servers. (ExternalViewUserModePercentage)
zKMT	FLOAT	8	(IBM Name: R10450KMT) Sum of all LPAR management times for the CEC. (KernelModeTime)
zTCT	FLOAT	8	(IBM Name: R10450TCT) Total CPU time spent for all z Systems LPARs. (TotalCPUTime)
zUGCC	FLOAT	8	(IBM Name: R10450UGCC) Entitled CPU time not used on this CEC. (UnusedGlobalCPUTCapacity)
zUMT	FLOAT	8	(IBM Name: R10450UMT) Total CPU time spent in user mode for all z Systems LPARs. (UserModeTime)

Secondary segment: SMF104_51_Linux_zLPARMetrics

Field Name	Type	Len	Description
<i>SMF104_51_Linux_zLPARMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10451MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zAVP	FLOAT	8	(IBM Name: R10451AVP) Average number of virtual processors active in the interval for the LPAR. (ActiveVirtualProcessors)
zEVIP	FLOAT	8	

			(IBM Name: R10451EVIP) CPU idle time divided by the online time in the interval. (ExternalViewIdlePercentage)
zEVKMP	FLOAT	8	(IBM Name: R10451EVKMP) LPAR management time divided by the online time in the interval. (ExternalViewKernelModePercentage)
zEVTCP	FLOAT	8	(IBM Name: R10451EVTCP) Total CPU time divided by the online time in the interval. (ExternalViewTotalCPUPercentage)
zEVUMP	FLOAT	8	(IBM Name: R10451EVUMP) User mode time (CPU time without LPAR management time) divided by the online time in the interval. (ExternalViewUserModePercentage)
zKMT	FLOAT	8	(IBM Name: R10451KMT) Kernel mode time (LPAR management time) for this LPAR in milliseconds. (KernelModeTime)
zTCT	FLOAT	8	(IBM Name: R10451TCT) Total CPU time (dispatch time) for this LPAR in milliseconds. (TotalCPUTime)
zUPCC	FLOAT	8	(IBM Name: R10451UPCC) CPU time in milliseconds, exclusively reserved, but unused for this LPAR. (UnusedPartitionCPUCapacity)
zUMT	FLOAT	8	(IBM Name: R10451UMT) User mode time (effective dispatch time) for this LPAR in milliseconds. (UserModeTime)

Secondary segment: **SMF104_52_Linux_zChannelMetrics**

Field Name	Type	Len	Description
<i>SMF104_52_Linux_zChannelMetrics.<fieldname></i>			
zMNAME	CHAR	64	(IBM Name: R10452MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zBUP	FLOAT	8	(IBM Name: R10452BUP) Percentage of bus cycles where the bus has been found busy for this channel in relation to the theoretical limit. (BusUtilizationPercentage)
zPRT	FLOAT	8	(IBM Name: R10452PRT) Data transfer rates from the control unit to the channel for this partition. (PartitionReadThroughput)
zPUP	FLOAT	8	(IBM Name: R10452PUP) The channel path utilization percentage for this partition during the interval. (PartitionUtilizationPercentage)
zPWT	FLOAT	8	(IBM Name: R10452PWT) Data transfer rates from the channel to the control unit for this partition. (PartitionWriteThroughput)
zTRT	FLOAT	8	(IBM Name: R10452TRT) Data transfer rates from the control unit to the channel for the CEC. (TotalReadThroughput)
zTUP	FLOAT	8	(IBM Name: R10452TUP) The channel path utilization percentage for the CEC during the interval. (TotalUtilizationPercentage)
zTWT	FLOAT	8	(IBM Name: R10452TWT) Data transfer rates from the channel to the control unit for the CEC. (TotalWriteThroughput)

Secondary segment: SMF104_53_Linux_zECKDMetrics

Field Name	Type	Len	Description
SMF104_53_Linux_zECKDMetrics.<fieldname>			
zMNAME	CHAR	64	(IBM Name: R10453MNAME) Name of measured element, extracted from the MeasuredElementName attribute of the CIM_BaseMetricValue instance.
zADU	FLOAT	8	(IBM Name: R10453ADU) Percentage of time the device spent servicing transfers in relation to the time the device was active. (AverageDeviceUtilization)
zCT	FLOAT	8	(IBM Name: R10453CT) Average connect time in milliseconds per I/O request for this device. (ConnectTime)
zCUQT	FLOAT	8	(IBM Name: R10453CUQT) Average control unit queue time in milliseconds per I/O request for this device. (ControlUnitQueueTime)
zDT	FLOAT	8	(IBM Name: R10453DT) Average disconnect time in milliseconds per I/O request for this device. (DisconnectTime)
zIOI	FLOAT	8	(IBM Name: R10453IOI) Indicator for the device utilization. The value represents the product of the ResponseTime multiplied with the RequestRate. (IOIntensity)
zICRT	FLOAT	8	(IBM Name: R10453ICRT) Average initial command response time in milliseconds per I/O request for this device. (InitialCommandResponseTime)
zPT	FLOAT	8	(IBM Name: R10453PT) Average pending time in milliseconds per I/O request for this device. (PendingTime)
zRR	FLOAT	8	(IBM Name: R10453RR) Number of I/O requests per second for this device. (RequestRate)
zRTM	FLOAT	8	(IBM Name: R10453RTM) Average response time in milliseconds per I/O request for this device. (ResponseTime)

Record Type 105 - GDPS/Global Mirror

SMF Record 105 (GDPS/Global Mirror) is mapped by structure member "T105".

Primary Segment:

- [SMF105_GDPS_Global_Mirror](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF105_Product_Information](#)
- [SMF105_01_Session_Control](#)
- [SMF105_02_Disk_SubSystem](#)
- [SMF105_02_Logical_SubSystem](#)

Primary segment: [SMF105_GDPS_Global_Mirror](#)

Field Name	Type	Len	Description
<i>SMF105_GDPS_Global_Mirror.<fieldname></i>			
<i>SMF105_GDPS_Global_Mirror.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF104FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM Name: SMF105RTY) Record type 105 (X'69').
zTME	TSTMP	8	(IBM Name: SMF105TME) Dat and time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM Name: SMF105IDS) System identification (from the SMFPRMxx SID parameter).
zSSID	CHAR	4	(IBM Name: SMF105SSI) Subsystem identification ('GDPS').
zSTY	INT	2	(IBM Name: SMF105STY) Record subtype.
zSTN	INT	2	(IBM Name: SMF105TRN) Number of triplets in this record.
<i>SMF105_GDPS_Global_Mirror.Self_Defining_Section.<fieldname></i>			
zPRO	INT	4	(IBM Name: SMF105PRO) Offset to GDPS product section.
zPRL	INT	2	(IBM Name: SMF105PRL) Length of GDPS product section.
zPRN	INT	2	(IBM Name: SMF105PRN) Number of GDPS product sections.
zDAO	INT	4	(IBM Name: SMF105SEO) offset to session control/disk subsystem section
zDAL	INT	2	(IBM Name: SMF105SEL) length of session control/disk subsystem section
zDAN	INT	2	(IBM Name: SMF105SEN) number of session control/disk subsystem sections
zLSO	INT	4	(IBM Name: SMF105LSO) Offset to Logical subsystem section
zLSL	INT	2	(IBM Name: SMF105LSL) Length of Logical subsystem section
zLSN	INT	2	(IBM Name: SMF105LSN) Number of Logical subsystem section

Secondary segment: SMF105_Product_Information

Field Name	Type	Len	Description
<i>SMF105_Product_Information.<fieldname></i>			
zPRV	DEC	2 (2,0)	(IBM Name: SMF105PRV) GDPS version number, with in packed format 'vrmF'. v=version number, r=release number, m=modification level
zPRD	CHAR	8	(IBM Name: SMF105PRD) Product name GDPSPGM = Global Mirror

Secondary segment: SMF105_01_Session_Control

Field Name	Type	Len	Description
<i>SMF105_01_Session_Control.<fieldname></i>			
zSDT	TSTMP	8	(IBM Name: SMF105SDT) Current date and time on MVS system
zSIN	DEC	3 (4,0)	(IBM Name: SMF105SIN) Duration of the interval
zSFL	HEX	1	(IBM Name: SMF105SFL) Record flags
zSNU	INT	1	(IBM Name: SMF105SNU) Session Number
zSDM	CHAR	8	(IBM Name: SMF105SDM) GDPS instance name
zSID	CHAR	16	(IBM Name: SMF105SID) Session name
zSMS	CHAR	10	(IBM Name: SMF105SMS) Master DSS Serial Number
zSTA	CHAR	8	(IBM Name: SMF105STA) Session status
zSSD	TSTMP	8	(IBM Name: SMF105SSD) Current date and time on DiskSubsystem
zSCD	TSTMP	8	(IBM Name: SMF105SCD) Last CG date and time on DSS
zSAR	INT	6	(IBM Name: SMF105SAR) Average RPO over interval
zSIR	INT	6	(IBM Name: SMF105SIR) Instantaneous RPO at end of interval
zSGC	INT	4	(IBM Name: SMF105SGC) Good CG in the interval
zSFC	INT	4	(IBM Name: SMF105SFC) Failed CG in the interval
zSCF	INT	4	(IBM Name: SMF105SCF) Failed CG since last success
zSLS	INT	2	(IBM Name: SMF105SLS) Number of LSS being monitored
zSTV	INT	2	(IBM Name: SMF105STV) Total volumes in GM session
zSOV	INT	2	(IBM Name: SMF105SOV) Number of volume with OOS tracks
zSPV	INT	2	

			(IBM Name: SMF105SPV) Number of volume in Duplex pending status
zSSV	INT	2	(IBM Name: SMF105SSV) Number of volume in Simplex status
zSUV	INT	2	(IBM Name: SMF105SUV) Number of volume in Suspended status
zSCV	INT	2	(IBM Name: SMF105SCV) Number of volume in Cascaded status
zSJV	INT	2	(IBM Name: SMF105SJV) Number of volume in Join pending status
zSFV	INT	2	(IBM Name: SMF105SFV) Number of volume in First pass status
zSOT	INT	8	(IBM Name: SMF105SOT) Total OOS tracks for all LSS in the range of 0 to FFFFFFFFFFFFFFFF. 16TB per volume and 256 volumes and 64KB per track times 255 LSS and 16 primary disk subsystems.
zSER	CHAR	4	(IBM Name: SMF105SER) Last Error Reason
zSES	CHAR	8	(IBM Name: SMF105SES) State at time of last error
zSLN	INT	2	(IBM Name: SMF105SLN) Number of LSS in Normal state
zSLR	INT	2	(IBM Name: SMF105SLR) Number of LSS in Consistency Group in progress state
zSLP	INT	2	(IBM Name: SMF105SLP) Number of LSS in not ready state
zSLO	INT	2	(IBM Name: SMF105SLO) Number of LSS in other states

Secondary segment: SMF105_02_Disk_SubSystem

Field Name	Type	Len	Description
<i>SMF105_02_Disk_SubSystem.<fieldname></i>			
zDDT	TSTMP	8	(IBM Name: SMF105DDT) Current date on MVS system
<i>SMF105_02_Disk_SubSystem.zDFL.<fieldname></i>			
zDFL1	BIT	1	(IBM Name: SMF105DFL1) Indicates SMF105LxVM fields are used in addition to the SMF105LxV in the LSS Data Section.
<i>SMF105_02_Disk_SubSystem.<fieldname></i>			
zDNU	INT	1	(IBM Name: SMF105DNU) Session Number
zDSA	CHAR	16	(IBM Name: SMF105DSA) Session name
zDSE	CHAR	10	(IBM Name: SMF105DSE) Master DSS Serial Number
zDNL	INT	1	(IBM Name: SMF105DNL) Number of LSS on this DSS

Secondary segment: SMF105_02_Logical_SubSystem

Field Name	Type	Len	Description
<i>SMF105_02_Logical_SubSystem.<fieldname></i>			
zLID	INT	2	(IBM Name: SMF105LID) LSS Identifier
zLST	CHAR	8	(IBM Name: SMF105LST) Status for this LSS
zLTV	INT	1	(IBM Name: SMF105LTV) Total volumes in this LSS
zLOV	INT	1	(IBM Name: SMF105LOV) Vol. with OOS tracks
zLPV	INT	1	(IBM Name: SMF105LPV) Vol. in Duplex pending status
zLSV	INT	1	(IBM Name: SMF105LSV) Vol. in Simplex status
zLUV	INT	1	(IBM Name: SMF105LUV) Vol. in Suspended status
zLCV	INT	1	(IBM Name: SMF105LCV) Vol. in Cascaded status
zLJV	INT	1	(IBM Name: SMF105LJV) Vol. in Join pending status
zLFV	INT	1	(IBM Name: SMF105LFV) Vol. in First pass status
zLOT	INT	6	(IBM Name: SMF105LOT) Total OOS tracks in LSS
zLTVM	INT	2	(IBM Name: SMF105LTVM) Total volumes in this LSS. Used when SMF105DFL1 flag is set.
zLOVM	INT	2	(IBM Name: SMF105LOVM) Vol. with OOS tracks. Used when SMF105DFL1 flag is set
zLPVM	INT	2	(IBM Name: SMF105LPVM) Vol. in Duplex pending status. Used when SMF105DFL1 flag is set.
zLSVM	INT	2	(IBM Name: SMF105LSVM) Vol. in Simplex status. Used when SMF105DFL1 flag is set.
zLUVM	INT	2	(IBM Name: SMF105LUVM) Vol. in Suspended status. Used when SMF105DFL1 flag is set.
zLCVM	INT	2	(IBM Name: SMF105LCVM) Vol. in Cascaded status. Used when SMF105DFL1 flag is set.
zLJVM	INT	2	(IBM Name: SMF105LJVM) Vol. in Join pending status. Used when SMF105DFL1 flag is set.
zLFVM	INT	2	(IBM Name: SMF105LFVM) Vol. in First pass status. Used when SMF105DFL1 flag is set.

Record Type 106 - BCPii Activity

SMF Record 106 (BCPii Activity) is mapped by structure member "T106".

Primary Segment:

- [SMF106_BCPii_Activity](#)

Secondary Segment(s): 5 (in alphabetical order)

- [SMF106_CMD](#)
- [SMF106_CMDData](#)
- [SMF106_CMSET](#)
- [SMF106_Execution_Environment](#)
- [SMF106_Product](#)

Primary segment: [SMF106_BCPii_Activity](#)

Field Name	Type	Len	Description
<i>SMF106_BCPii_Activity.<fieldname></i>			
<i>SMF106_BCPii_Activity.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF6AFLG) Header flag byte: Bit Meaning when set 0 SUBSYSTEM identification follows system identification 1 SubTypeS used 2 RESERVED 3-6 Version indicators 7 RESERVED
zRTY	INT	1	(IBM name: SMF6ARTY) Record type 106 (X'6A')
zTME	TSTMP	8	(IBM name: SMF6ATME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF6ASID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF6AWID) Subsystem identifier.
zSTY	INT	2	(IBM name: SMF6ASTP) Indicates the record SubType, based on the value of SMF6ASTP: 1 HARDWARE event counter deltas 2 HARDWARE event counters
zSDL	INT	4	(IBM name: SMF6ASDL) Length of self-defining section.
zPOF	INT	4	(IBM name: SMF6ASOF) Offset to product section from beginning of record type 113
zPLN	INT	2	(IBM name: SMF6ASLN) Length of product section
zPON	INT	2	(IBM name: SMF6ASON) Number of product sections
zEOF	INT	4	(IBM name: SMF6AIOF) Offset to execution environment section from beginning of record type 113
zELN	INT	2	(IBM name: SMF6AILN) Length of execution environment section
zEON	INT	2	(IBM name: SMF6AION) Number of execution environment sections
zDOF	INT	4	(IBM name: SMF6ADOF) Offset to CMSET/CMD section from beginning of record type 113
zDLN	INT	2	(IBM name: SMF6ADLN) Length of CMSET/CMD section
zDON	INT	2	(IBM name: SMF6ADON) Number of CMSET/CMD sections

Secondary segment: SMF106_Product

Field Name	Type	Len	Description
<i>SMF106_Product.<fieldname></i>			
zRVN	CHAR	2	(IBM name: SMF6ARVN) Record version number.
zPNM	CHAR	8	(IBM name: SMF6APNM) Product name (BCPII).
zOSL	CHAR	8	(IBM name: SMF6AOSL) MVS product level.
zSYN	CHAR	8	(IBM name: SMF6ASYN) Current system name (from SYSNAME parmlib option).

Secondary segment: SMF106_Execution_Environment

Field Name	Type	Len	Description
<i>SMF106_Execution_Environment.<fieldname></i>			
zCTP	INT (ENUM)	2	(IBM name: SMF6ACTP) Connect type from HWICONN: 'Target' => Connection to a target CPC, 'Image' => Connection to an image of a CPC, 'CapRec' => Connection to a capacity record of a CPC, 'ResetProf' => Connection to a reset activation profile associated with a CPC, 'ImageProf' => Connection to an image activation profile associated with a CPC, 'LoadProf' => Connection to a load activation profile associated with a CPC, 'User' => Connection to a user-defined image group on a CPC, 'GroupProf' => Connection to a group profile associated with a CPC, 'LPARCap' => Connection to an LPAR Capacity group associated with a CPC.
zCPC	CHAR	17	(IBM name: SMF6ACPC) CPC name.
zNLL	CHAR	1	(IBM name: SMF6ANLL) Word boundary use.
zRTN	CHAR	16	(IBM name: SMF6ARTN) Request parameter.
zASD	INT	2	(IBM name: SMF6AASD) Two-byte address space identifier (ASID).
zJOB	CHAR	8	(IBM name: SMF6AJOB) Job name.
zUSR	CHAR	8	(IBM name: SMF6AUSR) User name.

Secondary segment: SMF106_CMSET

Field Name	Type	Len	Description
<i>SMF106_CMSET.<fieldname></i>			
zTYP	INT	4	(IBM name: SMF6ATYP) SET type.
zTVL	INT	4	(IBM name: SMF6ATVL) SET type value length.
zTDA	XVCHAR	0 257	(IBM name: SMFSETDA) SET parameter data.

Secondary segment: SMF106_CMD

Field Name	Type	Len	Description
<i>SMF106_CMD.<fieldname></i>			
zCTY	INT	4	(IBM name: SMF6ACTY) Command type.
zAOS	INT	4	(IBM name: SMF6AAOS) CMD parameter data offset.
zCMDPM	CHAR	328	(IBM name: SMFCMDPM) CMD passed in parameter.

Secondary segment: SMF106_CMDData

Field Name	Type	Len	Description
<i>SMF106_CMDData.<fieldname></i>			
zCMDDL	INT	4	(IBM name: SMFCMDDL) XML or IPL token data length.
zCMDDA	XVCHAR	0 3483	(IBM name: SMFCMDDA) XML or IPL token data.

Record Type 108 - Domino Server Statistics

SMF Record 108 (Domino Server Statistics) has several subtypes, each mapped by a structure member name of the format "T108STnn".

Record Type 108 Subtype 1 - Server Load

Primary Segment:

- SMF108#01_Domino_Server

Secondary Segment(s): 5 (in alphabetical order)

- SMF108#01_Port_Activity
- SMF108#01_Product_Information
- SMF108#01_Self_Defining_Section
- SMF108#01_Server_Load
- SMF108#01_Transaction

Primary segment: SMF108#01_Domino_Server

Field Name	Type	Len	Description
<i>SMF108#01_Domino_Server.<fieldname></i>			
<i>SMF108#01_Domino_Server.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF108FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF108RTY) Record type 108
zTME	TSTMP	8	(IBM name: SMF108TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF108SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF108SSI) Sub system identification
zSTY	INT	2	(IBM name: SMF108STP) Record SubType (must be at offset X'16' x).

<i>SMF108#01_Domino_Server.Self_Defining_Section.<fieldname></i>			
zPRO	INT	4	(IBM name: SMF108PRO) Offset to the product section from the beginning of the record (including RDW).
zPRL	INT	2	(IBM name: SMF108PRL) Length of the product section.
zPRN	INT	2	(IBM name: SMF108PRN) Number of the product section. (1)
zSSO	INT	4	(IBM name: SMF108SSO) Offset to self-defining section from beginning of the record (including RDW).
zSSL	INT	2	(IBM name: SMF108SSL) Length of the self-defining section.
zSSN	INT	2	(IBM name: SMF108SSN) Number of the self-defining section. (1)

Secondary segment: **SMF108#01_Product_Information**

Field Name	Type	Len	Description
<i>SMF108#01_Product_Information.<fieldname></i>			
zPRRVN	INT	4	(IBM name: SMF108PRRVN) Record version number. Set to 6 for Domino Release 6.0.0.
zPRPVN	CHAR	8	(IBM name: SMF108PRPVN) Product version number (6.0.0 for example). This is the first eight bytes of the product version string and may contain text or other characters after the number.
zPRSVN	CHAR	32	(IBM name: SMF108PRSVN) Server Name (used to identify partitioned servers)
zPRSPN	CHAR	8	(IBM name: SMF108PRSPN) Sysplex Name (general-use-programming-interface (gupi) field in cvt/ecvt)
zPRSYN	CHAR	8	(IBM name: SMF108PRSYN) System Name (gupi field in cvt/ecvt)
zPROSL	CHAR	8	(IBM name: SMF108PROSL) OS/390 System Level (gupi field in cvt/ecvt)
zPRISTARTT	TSTMP	8	(IBM name: SMF108PRISTARTT) Interval Start Time
zPRIENDT	TSTMP	8	(IBM name: SMF108PRIENDT) Interval End Time
zCVTTV	INT	4	(IBM name: SMF108CVTTV) CVTTV GMT offset time.
zPRPID	INT	4	(IBM name: SMF108PRPID) Process ID of the Domino server

Secondary segment: **SMF108#01_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF108#01_Self_Defining_Section.<fieldname></i>			
zSLO	INT	4	(IBM name: SMF108SLO) Offset to Server Load Section
zSLL	INT	2	(IBM name: SMF108SLL) Length of Server Load Section
zSLN	INT	2	(IBM name: SMF108SLN) Number of Server Load Section (should be '1')
zTRO	INT	4	(IBM name: SMF108TRO) Offset to Transaction Section
zTRL	INT	2	(IBM name: SMF108TRL) Length of Transaction Section
zTRN	INT	2	(IBM name: SMF108TRN) Number of Transaction Section (1 per transaction type processed)
zPTO	INT	4	(IBM name: SMF108PTO) Offset to Port Activity Section
zPTL	INT	2	(IBM name: SMF108PTL) Length of Port Activity Section
zPTN	INT	2	(IBM name: SMF108PTN) Number of Port Activity Sections (1 per TCP/IP port)

Secondary segment: **SMF108#01_Server_Load**

Field Name	Type	Len	Description
<i>SMF108#01_Server_Load.<fieldname></i>			
zCU	INT	4	(IBM name: SMF108SLCU) Current number of users
zUA	INT	4	(IBM name: SMF108SLUA) Number of currently connected users that are currently active
zUA1M	INT	4	(IBM name: SMF108SLUA1M) Number of currently connected users that have been active within the last 1 minute
zUA3M	INT	4	(IBM name: SMF108SLUA3M) Number of currently connected users that have been active within the last 3 minutes
zUA5M	INT	4	(IBM name: SMF108SLUA5M) Number of currently connected users that have been active within the last 5 minutes
zUA15M	INT	4	(IBM name: SMF108SLUA15M) Number of currently connected users that have been active within the last 15 minutes
zUA30M	INT	4	(IBM name: SMF108SLUA30M) Number of currently connected users that have been active within the last 30 minutes
zDMSENTL	INT	4	(IBM name: SMF108SLDMSENTL) Number of Domino mail messages delivered to local users
zDMSENTLAS	INT	4	(IBM name: SMF108SLDMSENTLAS) Average size of Domino mail and SMTP messages delivered to local users
zDMSENTR	INT	4	(IBM name: SMF108SLDMSENTR) Number of Domino mail and SMTP messages sent to other servers
zDMSENTRAS	INT	4	(IBM name: SMF108SLDMSENTRAS) Average size of Domino mail messages sent to other servers
zSMREC	INT	4	(IBM name: SMF108SLSMREC) Number of SMTP messages received from other servers during interval
zSMRECCAS	INT	4	(IBM name: SMF108SLSMRECCAS) Average size of SMTP messages received from other servers during interval
zSMSSENT	INT	4	(IBM name: SMF108SLSMSSENT) Number of SMTP messages sent to other servers during interval
zSMSSENTAS	INT	4	(IBM name: SMF108SLSMSSENTAS) Average size of SMTP messages sent to other servers during interval
zTRANS	INT	4	(IBM name: SMF108SLTRANS) Total number of transactions processed during interval
zSVREPL	INT	4	(IBM name: SMF108SLSVREPL) Number of replications initiated by this server
zNWSESIN	INT	4	(IBM name: SMF108SLNWSESIN) Number of incoming (to the server from clients) sessions established during the interval. (Version 1 format only. For Release 5.01 or higher this field will be set to zero. This data is now recorded in the Port Activity Section).
zNWSESOUT	INT	4	(IBM name: SMF108SLNWSESOUT) Number of outgoing sessions established during the interval. (Version 1 format only. For Release 5.01 or higher this field will be set to zero. This data is now recorded in the Port Activity Section).
zNWBR	INT	4	(IBM name: SMF108SLNWBR) Number of network Bytes/1024 received during interval. (Version 1 format only. For Release 5.01 or higher this field will be set to zero. This data is now recorded in the Port Activity Section).

zNWBS	INT	4	(IBM name: SMF108SLNWBS) Number of network Bytes/1024 sent during interval. (Version 1 format only. For Release 5.01 or higher this field will be set to zero. This data is now recorded in the Port Activity Section).
zTT	INT	2	(IBM name: SMF108SLTT) Total number of physical thread pool threads, server_pool_tasks
zVTIU	INT	2	(IBM name: SMF108SLVTIU) Number of virtual thread pool threads currently in use
zAIOR	INT	4	(IBM name: SMF108SLAIOR) Number of async i/o reads during interval
zAIOW	INT	4	(IBM name: SMF108SLAIOW) Number of async i/o writes during interval
zPOP3R	INT	4	(IBM name: SMF108SLPOP3R) Number of POP3 reads during interval
zIMAPR	INT	4	(IBM name: SMF108SLIMAPR) Number of IMAP reads during interval
zHTTTPR	INT	4	(IBM name: SMF108SLHTTTPR) Number of HTTP reads during interval
zHTTTPW	INT	4	(IBM name: SMF108SLHTTTPW) Number of HTTP writes during interval
zVTIUMAX	INT	2	(IBM name: SMF108SLVTIUMAX) Maximum number of virtual thread pool threads in use during interval
zTASKS	INT	2	(IBM name: SMF108SLTASKS) Number of tasks currently in use
zTASKSMAX	INT	2	(IBM name: SMF108SLTASKSMAX) Maximum number of tasks in use during interval
zPTIU	INT	2	(IBM name: SMF108SLPTIU) Number of physical thread pool threads currently in use
zPTIUMAX	INT	2	(IBM name: SMF108SLPTIUMAX) Maximum number of physical thread pool threads in use during interval
zPPAD	INT	2	(IBM name: SMF108SLPPAD) The pad bytes to get to the next 32 byte boundary.
zDominoCacheCommandCount	INT	4	(IBM name: SMF108SLDominoCacheCommandCount) The change for this interval in the Domino statistic, Domino.Cache.Command.Count.
zDominoCacheDesignCount	INT	4	(IBM name: SMF108SLDominoCacheDesignCount) The change for this interval in the Domino statistic, Domino.Cache.Design.Count.
zDominoCacheSessionCount	INT	4	(IBM name: SMF108SLDominoCacheSessionCount) The change for this interval in the Domino statistic, Domino.Cache.Session.Count.
zDominoCacheUserCount	INT	4	(IBM name: SMF108SLDominoCacheUserCount) The change for this interval in the Domino statistic, Domino.Cache.User.Count.
zDominoRequestTotal	INT	4	(IBM name: SMF108SLDominoRequestTotal) The change for this interval in the Domino statistic, Domino.Cache.Requests.Total.

Secondary segment: **SMF108#01_Transaction**

Field Name	Type	Len	Description
SMF108#01_Transaction.<fieldname>			
zTYPE	INT	4	(IBM name: SMF108TRTYPE) Transaction type.

zTYPENP	INT	4	(IBM name: SMF108TRTYPENP) Number of transactions of type processed during interval
zTYPETA	INT	4	(IBM name: SMF108TRTYPETA) Total accumulated response time, in milliseconds, for all transactions of type that completed during interval
zTYPENW	INT	4	(IBM name: SMF108TRTYPENW) Total accumulated net wait time, in milliseconds, for all transactions of type that completed during interval. This is the time the server has been waiting for clients to respond.

Secondary segment: **SMF108#01_Port_Activity**

Field Name	Type	Len	Description
<i>SMF108#01_Port_Activity.<fieldname></i>			
zNAME	CHAR	8	(IBM name: SMF108PTNAME) First eight bytes of the TCP/IP port. ('TCPIP' for example)
zNWSESIN	INT	4	(IBM name: SMF108PTNWSESIN) Number of incoming sessions processed during the interval (client to server connection).
zNWSESOUT	INT	4	(IBM name: SMF108PTNWSESOUT) Number of outgoing sessions processed during the interval
zNWBR	INT	4	(IBM name: SMF108PTNWBR) Total number of bytes/1024 received for this port during the interval.
zNWBS	INT	4	(IBM name: SMF108PTNWBS) Total number of bytes/1024 sent for this port during the interval.

Record Type 108 Subtype 2 - User Activity**Primary Segment:**

- SMF108#02_Domino_Server

Secondary Segment(s): 3 (in alphabetical order)

- SMF108#02_Product_Information
- SMF108#02_Self_Defining_Section
- SMF108#02_User_Activity

Primary segment: SMF108#02_Domino_Server

Field Name	Type	Len	Description
<i>SMF108#02_Domino_Server.<fieldname></i>			
SMF108#02_Domino_Server.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF108FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF108RTY) Record type 108
zTME	TSTMP	8	(IBM name: SMF108TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF108SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF108SSI) Sub system identification
zSTY	INT	2	(IBM name: SMF108STP) Record SubType (must be at offset X'16' x).
SMF108#02_Domino_Server.Self_Defining_Section.<fieldname>			
zPRO	INT	4	(IBM name: SMF108PRO) Offset to the product section from the beginning of the record (including RDW).
zPRL	INT	2	(IBM name: SMF108PRL) Length of the product section.
zPRN	INT	2	(IBM name: SMF108PRN) Number of the product section. (1)
zSSO	INT	4	(IBM name: SMF108SSO) Offset to self-defining section from beginning of the record (including RDW).
zSSL	INT	2	(IBM name: SMF108SSL) Length of the self-defining section.
zSSN	INT	2	(IBM name: SMF108SSN) Number of the self-defining section. (1)

Secondary segment: SMF108#02_Product_Information

Field Name	Type	Len	Description
<i>SMF108#02_Product_Information.<fieldname></i>			
zPRRVN	INT	4	(IBM name: SMF108PRRVN) Record version number. Set to 6 for Domino Release 6.0.0.
zPRPVN	CHAR	8	(IBM name: SMF108PRPVN) Product version number (6.0.0 for example). This is the first eight bytes of

			the product version string and may contain text or other characters after the number.
zPRSVN	CHAR	32	(IBM name: SMF108PRSVN) Server Name (used to identify partitioned servers)
zPRSPN	CHAR	8	(IBM name: SMF108PRSPN) Sysplex Name (general-use-programming-interface (gupi) field in cvt/ecvt)
zPRSYN	CHAR	8	(IBM name: SMF108PRSYN) System Name (gupi field in cvt/ecvt)
zPROSL	CHAR	8	(IBM name: SMF108PROSL) OS/390 System Level (gupi field in cvt/ecvt)
zPRISTARTT	TSTMP	8	(IBM name: SMF108PRISTARTT) Interval Start Time
zPRIENDT	TSTMP	8	(IBM name: SMF108PRIENDT) Interval End Time
zCVTTV	INT	4	(IBM name: SMF108CVTTV) CVTTV GMT offset time.
zPRPID	INT	4	(IBM name: SMF108PRPID) Process ID of the Domino server

Secondary segment: **SMF108#02_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF108#02_Self_Defining_Section.<fieldname></i>			
zUDO	INT	4	(IBM name: SMF108UDO) Offset to Data Section
zUDL	INT	2	(IBM name: SMF108UDL) Length of Data Section
zUDN	INT	2	(IBM name: SMF108UDN) Number of Data Section (should be '1')

Secondary segment: **SMF108#02_User_Activity**

Field Name	Type	Len	Description
<i>SMF108#02_User_Activity.<fieldname></i>			
zIPA	CHAR	16	(IBM name: SMF108UIPA) IP address presenting the request for service.
zTYPE	CHAR	4	(IBM name: SMF108UTYPE) Type of connection to the Domino server. User Type description: NRPC => Notes Data base server, HTTP => Notes HTTP server, IMAP => IMAP mail server, POP3 => POP3 mail server, SMTP => SMTP mail server.
zNAME	CHAR	36	(IBM name: SMF108UNAME) Notes user name for NRPC clients.
zCPU	TSTMP	8	(IBM name: SMF108UCPU) CPU time used by this user.
zBR	INT	4	(IBM name: SMF108UBR) Number of bytes read by this interval.
zBW	INT	4	(IBM name: SMF108UBW) Number of bytes written by this interval.

Record Type 108 Subtype 3 - Monitoring and Tuning

Primary Segment:

- SMF108#03_Domino_Server

Secondary Segment(s): 3 (in alphabetical order)

- SMF108#03_Monitoring_and_Tuning
- SMF108#03_Product_Information
- SMF108#03_Self_Defining_Section

Primary segment: SMF108#03_Domino_Server

Field Name	Type	Len	Description
<i>SMF108#03_Domino_Server.<fieldname></i>			
SMF108#03_Domino_Server.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF108FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF108RTY) Record type 108
zTME	TSTMP	8	(IBM name: SMF108TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF108SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF108SSI) Sub system identification
zSTY	INT	2	(IBM name: SMF108STP) Record SubType (must be at offset X'16' x).

SMF108#03_Domino_Server.Self_Defining_Section.<fieldname>			
zPRO	INT	4	(IBM name: SMF108PRO) Offset to the product section from the beginning of the record (including RDW).
zPRL	INT	2	(IBM name: SMF108PRL) Length of the product section.
zPRN	INT	2	(IBM name: SMF108PRN) Number of the product section. (1)
zSSO	INT	4	(IBM name: SMF108SSO) Offset to self-defining section from beginning of the record (including RDW).
zSSL	INT	2	(IBM name: SMF108SSL) Length of the self-defining section.
zSSN	INT	2	(IBM name: SMF108SSN) Number of the self-defining section. (1)

Secondary segment: SMF108#03_Product_Information

Field Name	Type	Len	Description
<i>SMF108#03_Product_Information.<fieldname></i>			
zPRRVN	INT	4	(IBM name: SMF108PRRVN) Record version number. Set to 6 for Domino Release 6.0.0.
zPRPVN	CHAR	8	

			(IBM name: SMF108PRPVN) Product version number (6.0.0 for example). This is the first eight bytes of the product version string and may contain text or other characters after the number.
zPRSVN	CHAR	32	(IBM name: SMF108PRSVN) Server Name (used to identify partitioned servers)
zPRSPN	CHAR	8	(IBM name: SMF108PRSPN) Sysplex Name (general-use-programming-interface (gupi) field in cvt/ecvt)
zPRSYN	CHAR	8	(IBM name: SMF108PRSYN) System Name (gupi field in cvt/ecvt)
zPROSL	CHAR	8	(IBM name: SMF108PROSL) OS/390 System Level (gupi field in cvt/ecvt)
zPRISTARTT	TSTMP	8	(IBM name: SMF108PRISTARTT) Interval Start Time
zPRIENDT	TSTMP	8	(IBM name: SMF108PRIENDT) Interval End Time
zCVTTV	INT	4	(IBM name: SMF108CVTTV) CVTTV GMT offset time.
zPRPID	INT	4	(IBM name: SMF108PRPID) Process ID of the Domino server

Secondary segment: **SMF108#03_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF108#03_Self_Defining_Section.<fieldname></i>			
zMTO	INT	4	(IBM name: SMF108MTO) Offset to Data Section
zMTL	INT	2	(IBM name: SMF108MTL) Length of Data Section
zMTN	INT	2	(IBM name: SMF108MTN) Number of Data Section (should be '1')

Secondary segment: **SMF108#03_Monitoring_and_Tuning**

Field Name	Type	Len	Description
<i>SMF108#03_Monitoring_and_Tuning.<fieldname></i>			
zMAXUSERS	INT	4	(IBM name: SMF108MTMAXUSERS) Maximum number of users
zMAXCONTR	INT	4	(IBM name: SMF108MTMAXCONTR) Limit for number of concurrent transactions
zMAXCONSES	INT	4	(IBM name: SMF108MTMAXCONSES) Maximum number of sessions to run concurrently
zSESTIMEOUT	INT	2	(IBM name: SMF108MTSESTIMEOUT) Number of minutes in timeout
zUPMAX	INT	2	(IBM name: SMF108MTUPMAX) Maximum number of concurrent update tasks
zMAILBOXES	INT	2	(IBM name: SMF108MTMAILBOXES) Maximum number of mail.box'es
zREPMAX	INT	2	(IBM name: SMF108MTREPMAX) Maximum number of replicators (concurrent)
zNSFPOOL	INT	4	

			(IBM name: SMF108MTNSFPOOL) Maximum size of nsf buffer pool (in bytes)
zSFPOOLIU	INT	4	(IBM name: SMF108MTSFPOOLIU) Number of bytes in nsf buffer pool (in use)
zDBCACHE	INT (ENUM)	1	(IBM name: SMF108MTDBCENAB) dbcache enabled = 1, 0 if disabled
zDBCMAXE	INT	4	(IBM name: SMF108MTDBCMAXE) Maximum number of dbcache entries
zDBCCE	INT	4	(IBM name: SMF108MTDBCCE) Number of dbcache (current entries)
zDBCIDBO	INT	4	(IBM name: SMF108MTDBCIDBO) Number of dbcache (initial db opens)
zDBCOCR	INT	4	(IBM name: SMF108MTDBCOCR) Number of dbcache (overcrowding rejections)
zDBCHITS	INT	4	(IBM name: SMF108MTDBCHITS) Number of dbcache (hits)
zDBCHWM	INT	4	(IBM name: SMF108MTDBCHWM) dbcache (high water mark)
zSATH	INT	2	(IBM name: SMF108MTSATH) Server availability threshold
zSAX	INT	2	(IBM name: SMF108MTSAX) Server availability index
zNIFS	INT	4	(IBM name: SMF108MTNIFS) Database.NIFPool.Size (in bytes)
zNIFN	INT	4	(IBM name: SMF108MTNIFN) Database.NIFPool.Used
zNSFS	INT	4	(IBM name: SMF108MTNSFS) Database.NSFPool.Size (in bytes)
zNSFN	INT	4	(IBM name: SMF108MTNSFN) Database.NSFPool.Used
zDBPR	INT	4	(IBM name: SMF108MTDBPR) Number of Database.BufferPool (Reads)
zDBPW	INT	4	(IBM name: SMF108MTDBPW) Number of Database.BufferPool (Writes)
zMMXFER	INT	2	(IBM name: SMF108MTMMXFER) Maximum number of mail transfer threads
zMMXDLV	INT	2	(IBM name: SMF108MTMMXDLV) Maximum number of mail delivery threads
zMMXCONXFR	INT	2	(IBM name: SMF108MTMMXCONXFR) Maximum number of concurrent mail transfer threads

Record Type 108 Subtype 6 - Database Activity**Primary Segment:**

- SMF108#06_Domino_Server

Secondary Segment(s): 3 (in alphabetical order)

- SMF108#06_Database_Activity
- SMF108#06_Product_Information
- SMF108#06_Self_Defining_Section

Primary segment: SMF108#06_Domino_Server

Field Name	Type	Len	Description
<i>SMF108#06_Domino_Server.<fieldname></i>			
SMF108#06_Domino_Server.Header_Self_Defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF108FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF108RTY) Record type 108
zTME	TSTMP	8	(IBM name: SMF108TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF108SID) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF108SSI) Sub system identification
zSTY	INT	2	(IBM name: SMF108STP) Record SubType (must be at offset X'16' x).
SMF108#06_Domino_Server.Self_Defining_Section.<fieldname>			
zPRO	INT	4	(IBM name: SMF108PRO) Offset to the product section from the beginning of the record (including RDW).
zPRL	INT	2	(IBM name: SMF108PRL) Length of the product section.
zPRN	INT	2	(IBM name: SMF108PRN) Number of the product section. (1)
zSSO	INT	4	(IBM name: SMF108SSO) Offset to self-defining section from beginning of the record (including RDW).
zSSL	INT	2	(IBM name: SMF108SSL) Length of the self-defining section.
zSSN	INT	2	(IBM name: SMF108SSN) Number of the self-defining section. (1)

Secondary segment: SMF108#06_Product_Information

Field Name	Type	Len	Description
<i>SMF108#06_Product_Information.<fieldname></i>			
zPRRVN	INT	4	(IBM name: SMF108PRRVN) Record version number. Set to 6 for Domino Release 6.0.0.
zPRPVN	CHAR	8	(IBM name: SMF108PRPVN) Product version number (6.0.0 for example). This is the first eight bytes of

			the product version string and may contain text or other characters after the number.
zPRSVN	CHAR	32	(IBM name: SMF108PRSVN) Server Name (used to identify partitioned servers)
zPRSPN	CHAR	8	(IBM name: SMF108PRSPN) Sysplex Name (general-use-programming-interface (gupi) field in cvt/ecvt)
zPRSYN	CHAR	8	(IBM name: SMF108PRSYN) System Name (gupi field in cvt/ecvt)
zPROSL	CHAR	8	(IBM name: SMF108PROSL) OS/390 System Level (gupi field in cvt/ecvt)
zPRISTARTT	TSTMP	8	(IBM name: SMF108PRISTARTT) Interval Start Time
zPRIENDT	TSTMP	8	(IBM name: SMF108PRIENDT) Interval End Time
zCVTTV	INT	4	(IBM name: SMF108CVTTV) CVTTV GMT offset time.
zPRPID	INT	4	(IBM name: SMF108PRPID) Process ID of the Domino server

Secondary segment: **SMF108#06_Self_Defining_Section**

Field Name	Type	Len	Description
<i>SMF108#06_Self_Defining_Section.<fieldname></i>			
zDBO	INT	4	(IBM name: SMF108DBO) Offset to Data Section
zDBL	INT	2	(IBM name: SMF108DBL) Length of Data Section
zDBN	INT	2	(IBM name: SMF108DBN) Number of Data Section (should be '1')

Secondary segment: **SMF108#06_Database_Activity**

Field Name	Type	Len	Description
<i>SMF108#06_Database_Activity.<fieldname></i>			
zNAME	CHAR	64	(IBM name: SMF108DBNAME) Last 64 characters of the data base name.
zINDEX	INT	4	(IBM name: SMF108DBINDEX) Number of indexing operations started on this data base by the server.
zREPS	INT	4	(IBM name: SMF108DBREPS) Number of replications on this data base initiated by this server.
zDOCADDS	INT	4	(IBM name: SMF108DBDOCADDS) Number of documents added to this data base.
zDOCDELS	INT	4	(IBM name: SMF108DBDOCDELS) Number of documents deleted from this data base.

Record Type 109 - TCPIP SYSLOGD Messages

SMF Record 109 (TCPIP SYSLOGD Messages) is mapped by structure member "T109".

Primary Segment:

- [SMF109_TCPIP_SYSLOGD_Messages](#)

Secondary Segment(s): 0

Primary segment: [SMF109_TCPIP_SYSLOGD_Messages](#)

Field Name	Type	Len	Description
<i>SMF109_TCPIP_SYSLOGD_Messages.<fieldname></i>			
<i>SMF109_TCPIP_SYSLOGD_Messages.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF109FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF109RTY) Record type 109 (X'6D').
zTME	TSTMP	8	(IBM name: SMF109TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF109SID) System identification (from the SID parameter).
zLOG	CHAR	4096	(IBM name: SMF109LOG) System logging daemon (syslogd) message.

Record Type 110 - CICS Transaction Server for z/OS Statistics

SMF Record 110 (CICS Transaction Server for z/OS Statistics) has several subtypes, each mapped by a structure member name of the format "T110STnn".

Record Type 110 Subtype 0 - Journaling

Primary Segment:

- [SMF110#00_CICS_TS_Journaling](#)

Secondary Segment(s): 9 (in alphabetical order)

- [SMF110#00_FEPI](#)
- [SMF110#00_FLJB_File_Close](#)
- [SMF110#00_FLJB_File_TieUp_Record](#)
- [SMF110#00_FLJB_RW](#)
- [SMF110#00_FLJB_WriteDelete](#)
- [SMF110#00_Journal_Control](#)
- [SMF110#00_Product_Section](#)
- [SMF110#00_Start_of_Run](#)
- [SMF110#00_Term_Control](#)

Primary segment: [SMF110#00_CICS_TS_Journaling](#)

Field Name	Type	Len	Description
<i>SMF110#00_CICS_TS_Journaling.<fieldname></i>			
<i>SMF110#00_CICS_TS_Journaling.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: N/A) Record type 110 (X'6E').
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: N/A) Subsystem identification. CICS
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF110#00_CICS_TS_Journaling.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zPOF	INT	4	(IBM name: N/A) Offset to product section.
zPLN	INT	2	(IBM name: N/A) Length of product section.
zPON	INT	2	(IBM name: N/A) Number of product sections.
zDOF	INT	4	(IBM name: N/A) Offset to DATA section.
zDLN	INT	2	(IBM name: N/A) Length of DATA section.
zDON	INT	2	(IBM name: N/A) Number of DATA sections.

Secondary segment: **SMF110#00_Product_Section**

Field Name	Type	Len	Description
<i>SMF110#00_Product_Section.<fieldname></i>			
zVRM	HEX	2	(IBM name: N/A) Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.
zPRN	CHAR	8	(IBM name: N/A) Product name (Generic APPLID).
zSPN	CHAR	8	(IBM name: N/A) Product name (Specific APPLID).
zMFL	INT	2	(IBM name: N/A) Record maintenance indicator.
zDTK	HEX	4	(IBM name: N/A) Domain Token.
zDID	CHAR	2	(IBM name: N/A) Domain Id.
zRQT	CHAR	3	(IBM name: N/A) Statistics type - USS/EOD/REQ/INT.
zICD	CHAR	3	(IBM name: N/A) YES if incomplete data recorded.
zCDATE	CHAR	8	(IBM name: N/A) Collection date MMDDYYYY.
zCTIME	CHAR	6	(IBM name: N/A) Collection time HHMMSS.
zINT	CHAR	6	(IBM name: N/A) Interval HHMMSS.
zINO	INT	4	(IBM name: N/A) Interval number.
zRTK	CHAR	8	(IBM name: N/A) Request token.
zLRT	CHAR	6	(IBM name: N/A) Last reset time HHMMSS.
zCST	TSTMP	8	(IBM name: N/A) CICS start time.
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zJTM	TSTMP	8	(IBM name: N/A) Job timestamp.
zUSERID	CHAR	8	(IBM name: USERID) User identification.
zPDN	CHAR	8	(IBM name: N/A) Operating system product level.

Secondary segment: **SMF110#00_Start_of_Run**

Field Name	Type	Len	Description
<i>SMF110#00_Start_of_Run.<fieldname></i>			
zRecLen	INT	4	(IBM name: N/A) Length of record.

zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_Start_of_Run.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_Start_of_Run.<fieldname>

zRelease	CHAR	4	(IBM name: N/A) CICS Release.
zAppl_id	CHAR	8	(IBM name: N/A) CICS applid.
zUserName	CHAR	8	(IBM name: N/A) CICS username.

Secondary segment: SMF110#00_FLJB_RW

Field Name	Type	Len	Description
SMF110#00_FLJB_RW.<fieldname>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.

zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_FLJB_RW.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_FLJB_RW.<fieldname>

zFLJBType	INT (ENUM)	1	(IBM name: N/A) File Log and Journal block record type.
-----------	---------------	---	--

SMF110#00_FLJB_RW.zFLJBFlags.<fieldname>

FCAutoJ	BIT	1	File control autojournal record.
FwdRecov	BIT	1	Forward recovery log record.
System	BIT	1	System log record.
LogOfLog	BIT	1	Log-oflog record.
Backout	BIT	1	Written in backout.
XAESDS	BIT	1	Data set is extended addressing ESDS.

SMF110#00_FLJB_RW.<fieldname>

zFileName	CHAR	8	(IBM name: N/A) File name.
zRBA	HEX	4	(IBM name: N/A) Relative byte address of record in base data set for ESDS (0 if file does not refer to ESDS).
zKeyLen	INT	2	(IBM name: N/A) Length of user data key.
zDataLen	INT	4	(IBM name: N/A) Length of user data.

SMF110#00_FLJB_RW.zDataFlags.<fieldname>

UOWShunt	BIT	1	Unit Of Work has been shunted at least once.
WrMass	BIT	1	Write massinsert.
WrMass1st	BIT	1	First write-add-complete in massinsert sequence.
WrMassEnd	BIT	1	End of massinsert sequence.
FixedLen	BIT	1	Fixed length record.

SMF110#00_FLJB_RW.<fieldname>

zKey	XVCHAR	0 128	(IBM name: N/A) User data key (length given in zKeyLen).
zData	XVCHAR	0 32767	(IBM name: N/A) User data (length given in zDataLen).

Secondary segment: **SMF110#00_FLJB_WriteDelete**

Field Name	Type	Len	Description
<i>SMF110#00_FLJB_WriteDelete.<fieldname></i>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_FLJB_WriteDelete.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_FLJB_WriteDelete.<fieldname>

zFLJBType	INT (ENUM)	1	(IBM name: N/A) File Log and Journal block record type.
-----------	---------------	---	--

SMF110#00_FLJB_WriteDelete.zFLJBFlags.<fieldname>

FCAutoJ	BIT	1	File control autojournal record.
FwdRecov	BIT	1	Forward recovery log record.
System	BIT	1	System log record.
LogOfLog	BIT	1	Log-oflog record.
Backout	BIT	1	Written in backout.
XAESDS	BIT	1	Data set is extended addressing ESDS.

SMF110#00_FLJB_WriteDelete.<fieldname>

zFileName	CHAR	8	(IBM name: N/A) File name.
zRBA	HEX	4	(IBM name: N/A) Relative byte address of record in base data set for ESDS (0 if file does not refer to ESDS).
zKeyLen	INT	2	(IBM name: N/A) Length of user data key.
zPKeyLen	INT	2	(IBM name: N/A) Length of path key. (0 if file does not refer to a path.)

SMF110#00_FLJB_WriteDelete.zDataFlags.<fieldname>			
UOWShunt	BIT	1	Unit Of Work has been shunted at least once.
FixedLen	BIT	1	Fixed length record.

SMF110#00_FLJB_WriteDelete.<fieldname>			
zKey	XVCHAR	0 128	(IBM name: N/A) User data key (length given in zKeyLen).
zPKey	XVCHAR	0 128	(IBM name: N/A) User data (length given in zPKeyLen).

Secondary segmt: **SMF110#00_FLJB_File_Close**

Field Name	Type	Len	Description
SMF110#00_FLJB_File_Close.<fieldname>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_FLJB_File_Close.zFlags.<fieldname>			
StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_FLJB_File_Close.<fieldname>			
zFLJBType	INT (ENUM)	1	(IBM name: N/A) File Log and Journal block record type.

SMF110#00_FLJB_File_Close.zFLJBFlags.<fieldname>			
FCAutoJ	BIT	1	File control autojournal record.
FwdRecov	BIT	1	Forward recovery log record.
System	BIT	1	System log record.

LogOfLog	BIT	1	Log-oflog record.
Backout	BIT	1	Written in backout.
XAESDS	BIT	1	Data set is extended addressing ESDS.

SMF110#00_FLJB_File_Close.<fieldname>

zFileName	CHAR	8	(IBM name: N/A) File name.
zFwdRecovLog	CHAR	26	(IBM name: N/A) Log stream name of the forward recovery log.

SMF110#00_FLJB_File_Close.zDataFlags.<fieldname>

FwdRecov	BIT	1	Forward recovery specified for the file or data set.
FCAutoJ	BIT	1	Autojournaling specified for the file.

Secondary segment: SMF110#00_FLJB_File_TieUp_Record

Field Name	Type	Len	Description
SMF110#00_FLJB_File_TieUp_Record.<fieldname>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_FLJB_File_TieUp_Record.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_FLJB_File_TieUp_Record.<fieldname>

zFLJBType	INT (ENUM)	1	(IBM name: N/A) File Log and Journal block record type.
-----------	---------------	---	--

SMF110#00_FLJB_File_TieUp_Record.zFLJBFlags.<fieldname>

FCAutoJ	BIT	1	File control autojournal record.
FwdRecov	BIT	1	Forward recovery log record.
System	BIT	1	System log record.
LogOfLog	BIT	1	Log-oflog record.
Backout	BIT	1	Written in backout.
XAESDS	BIT	1	Data set is extended addressing ESDS.

SMF110#00_FLJB_File_TieUp_Record.<fieldname>

zFileName	CHAR	8	(IBM name: N/A) File name.
zCISize	INT	4	(IBM name: N/A) CI size of base data set.
zLRECLMax	INT	4	(IBM name: N/A) Maximum record length.
zKeyPos	INT	4	(IBM name: N/A) Base key position in record.
zKeyLen	INT	2	(IBM name: N/A) Base key length.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data Set Type.
zRECFM	INT (ENUM)	1	(IBM name: N/A) Record Format.
zDSNLen	INT	2	(IBM name: N/A) Base key length.
zDSN	CHAR	44	(IBM name: N/A) Base key length.
zPATHLen	INT	2	(IBM name: N/A) Base key length.
zPATH	CHAR	44	(IBM name: N/A) Base key length.
zFRecovLog	INT	8	(IBM name: N/A) Base key length.

SMF110#00_FLJB_File_TieUp_Record.zDataFlags.<fieldname>

RLS	BIT	1	RLS mode.
-----	-----	---	-----------

Secondary segment: SMF110#00_Term_Control

Field Name	Type	Len	Description
SMF110#00_Term_Control.<fieldname>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	

			(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_Term_Control.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_Term_Control.<fieldname>

zUHdrLen	INT	4	(IBM name: N/A) Length of user header.
zJType	CHAR	2	(IBM name: N/A) Journal type.
zPfxLen	INT	4	(IBM name: N/A) Length of prefix.

SMF110#00_Term_Control.zPfx.<fieldname>

Func_id	CHAR	1	(IBM name: N/A) Function identifier.
Mod_id	CHAR	1	Module identifier.
VTAMSeq_In	INT	2	Inbound VTAM sequence number.
VTAMSeq_Out	INT	2	Outbound VTAM sequence number.
Term_id	CHAR	4	Terminal identifier (padded with blanks if unused).

SMF110#00_Term_Control.<fieldname>

zUserData	XVCHAR	0 32767	(IBM name: N/A) User Data.
-----------	--------	------------	-------------------------------

Secondary segment: **SMF110#00_FEPI**

Field Name	Type	Len	Description
SMF110#00_FEPI.<fieldname>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).

zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_FEPI.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_FEPI.<fieldname>

zUHdrLen	INT	4	(IBM name: N/A) Length of user header.
zJType	CHAR	2	(IBM name: N/A) Journal type.
zPfxLen	INT	4	(IBM name: N/A) Length of prefix.

SMF110#00_FEPI.zPfx.<fieldname>

Mod_Func	CHAR	1	(IBM name: N/A) Module function.
Mod_id	CHAR	1	Module identifier.
Data_Func	CHAR	1	Data function.
EscChar	CHAR	1	Escape character for keystroke.
PoolName	CHAR	8	Pool name.
TargetName	CHAR	8	Target name.
Conv_id	CHAR	8	Conversation identifier.

SMF110#00_FEPI.<fieldname>

zUserData	XVCHAR	0 32767	(IBM name: N/A) User Data.
-----------	--------	------------	-------------------------------

Secondary segment: SMF110#00_Journal_Control

Field Name	Type	Len	Description
SMF110#00_Journal_Control.<fieldname>			
zRecLen	INT	4	(IBM name: N/A) Length of record.
zHdrLen	INT	4	(IBM name: N/A) Length of header.
zDataL	INT	4	(IBM name: N/A) Length of data.
zTimeGMT	TSTMP	8	

			(IBM name: N/A) Time (GMT).
zTimeLocal	TSTMP	8	(IBM name: N/A) Time (Local).
zTran_id	CHAR	4	(IBM name: N/A) Transaction identifier.
zTask_id	CHAR	4	(IBM name: N/A) Task identifier.
zTerm_id	CHAR	4	(IBM name: N/A) Terminal identifier.
zType	INT (ENUM)	2	(IBM name: N/A) Record Type. NonStart => Any record other than Start-of-Run.
zComp_id	CHAR	2	(IBM name: N/A) CICS Component identifier. LG => Logger, UJ => Journal Control (in the case of a request issued by the user), FC => File Control, SZ => Front End Programming Interface (FEPI), TC => Terminal Control.
zJournal	CHAR	8	(IBM name: N/A) Journal Name.

SMF110#00_Journal_Control.zFlags.<fieldname>

StartTask	BIT	1	Start of task.
StartUOW	BIT	1	Start of Unit of Work.

SMF110#00_Journal_Control.<fieldname>

zUHdrLen	INT	4	(IBM name: N/A) Length of user header.
zJType	CHAR	2	(IBM name: N/A) Journal type.
zPfxLen	INT	4	(IBM name: N/A) Length of prefix.
zPfx	XVCHAR	0 128	(IBM name: N/A) Prefix area.
zUserData	XVCHAR	0 32767	(IBM name: N/A) User Data.

Record Type 110 Subtype 1 - Monitoring

Primary Segment:

- SMF110#01_CICS_TS_Monitoring

Secondary Segment(s): 17 (in alphabetical order)

- SMF110#01_Dictionary_Class
- SMF110#01_Exception_Class
- SMF110#01_Identity_Resource_Class
- SMF110#01_Identity_Resource_Class_Data
- SMF110#01_Identity_Resource_Class_ID
- SMF110#01_Performance_Class
- SMF110#01_Performance_Class_ADP1_PCO3
- SMF110#01_Performance_Class_ADP1_PCR1
- SMF110#01_Performance_Class_ADP1_PCR2
- SMF110#01_Performance_Class_ADP1_PCT1
- SMF110#01_Performance_Connector
- SMF110#01_Product_Section
- SMF110#01_Transaction_Resource_Class
- SMF110#01_Transaction_Resource_Class_DPL
- SMF110#01_Transaction_Resource_Class_File
- SMF110#01_Transaction_Resource_Class_ID
- SMF110#01_Transaction_Resource_Class_TSQueue

Primary segment: SMF110#01_CICS_TS_Monitoring

Field Name	Type	Len	Description
<i>SMF110#01_CICS_TS_Monitoring.<fieldname></i>			
<i>SMF110#01_CICS_TS_Monitoring.Header.<fieldname></i>			
zFLG	HEX	1	System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	Record type 110 (X'6E').
zTME	TSTMP	8	Time since midnight, in hundredths of a second, that the record was moved into the SMF buffer.
zSID	CHAR	4	System identification (from the SID parameter).
zSSID	CHAR	4	Subsystem identification. CICS
zSTY	INT	2	Record subtype.

<i>SMF110#01_CICS_TS_Monitoring.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	Number of triplets.
zPOF	INT	4	Offset to product section.
zPLN	INT	2	Length of product section.
zPON	INT	2	Number of product sections.
zDOF	INT	4	Offset to DATA section.
zDLN	INT	2	Length of DATA section.
zDON	INT	2	Number of DATA sections.

Secondary segment: SMF110#01_Product_Section

Field Name	Type	Len	Description
<i>SMF110#01_Product_Section.<fieldname></i>			
zVRM	HEX	2	Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.

zPRN	CHAR	8	Product name (Generic APPLID).
zSPN	CHAR	8	Product name (Specific APPLID).
zMFL	INT	2	Record maintenance indicator.
zCL	INT (ENUM)	2	Class of Data.
zDCA	INT	4	Offset to CICS field connectors. (Performance class only).
zDCL	INT	2	Length of each CICS field connector. (Performance class only).
zDCN	INT	2	Number of CICS field connectors. (Performance class only).
zDRA	INT	4	Offset to first CICS data record. (For dictionary class records, offset to the first dictionary entry. For performance and exception class records, offset to the first performance or exception class record. For transaction resource monitoring records, offset to the first transaction resource monitoring record.)
zDRL	INT	2	Length of each CICS data record.
zDRN	INT	2	Number of CICS data records.
zCRL	INT	2	Compressed record length.
zTAD	INT	4	Local TOD clock adjustment value.
zLSO	TIME	8	Leap second offset TOD format.
zDTO	TIME	8	Local time/date offset.

SMF110#01_Product_Section.zOPN.<fieldname>

APPLNAME	BIT	1	APPLNAME=YES specified.
RMI	BIT	1	RMI=YES specified.
COMPRESS	BIT	1	COMPRESS=YES specified in the MCT (default setting).

SMF110#01_Product_Section.<fieldname>

zJOBNAME	CHAR	8	Jobname.
zJTM	TSTMP	8	Job timestamp.
zUSERID	CHAR	8	User identification.
zPDN	CHAR	8	Operating system product level.

Secondary segment: SMF110#01_Performance_Connector

Field Name	Type	Len	Description
SMF110#01_Performance_Connector.<fieldname>			
zConnector	INT	2	Value to connect dictionary entries with fields in performance records.

Secondary segment: SMF110#01_Dictionary_Class

Field Name	Type	Len	Description
SMF110#01_Dictionary_Class.<fieldname>			
zName	CHAR	8	The identifier of the group to which the field belongs.
zType	CHAR	1	The field type.
zId	CHAR	3	The field identifier.
zLen	INT	2	The length of the field.

zConn	HEX	2	The connector value assigned to the field.
zOff	HEX	2	The offset of the field.
zHead	CHAR	8	The informal name of the field.

Secondary segment: SMF110#01_Performance_Class_ADP1_PCR1

Field Name	Type	Len	Description
<i>SMF110#01_Performance_Class_ADP1_PCR1.<fieldname></i>			
zTRAN	CHAR	4	ID=001 (DFHTASK) Transaction identification.
zTERM	CHAR	4	ID=002 (DFHTERM) Terminal or session identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	ID=089 (DFHCICS) User identification at task creation. This identification can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zTTYTYPE	CHAR	4	ID=004 (DFHTASK) Transaction start type. The high-order bytes (0 and 1) are set as follows: 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by front-end programming interface (FEPI).
zSTART	TSTMP	8	ID=005 (DFHCICS) Start time of measurement interval, which is one of the following times: - The time at which the user task was attached. - The time at which data recording was most recently reset in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zSTOP	TSTMP	8	ID=006 (DFHCICS) Finish time of measurement interval, which is one of the following times: - The time at which the user task was detached. - The time at which data recording was completed in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zTRANNUM	DEC	4 (7,0)	ID=031 (DFHTASK) Transaction identification number or ' III' for system initialisation, ' TCP' for terminal control.
zTRANPRI	INT	4	ID=109 (DFHTASK) Transaction priority when monitoring of the task was initialized.
zTCLSNAME	CHAR	8	ID=166 (DFHTASK) Transaction class name. This field is null if the transaction is not in a TRANCLASS.
zLUNAME	CHAR	8	ID=111 (DFHTERM) The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	ID=071 (DFHPROG) The name of the first program invoked at attach-time.
zNETUOWPX	CHAR	20	ID=097 (DFHTASK) Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zNETUOWSX	CHAR	8	ID=098 (DFHTASK) Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	ID=130 (DFHCICS) The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zPERRECNT	INT	4	ID=131 (DFHCICS) The number of performance class records written by the CICS Monitoring Facility (CMF) for the user task.
zRMUOWID	CHAR	8	ID=132 (DFHTASK) The identifier of the unit of work (unit of recovery) for this task.
zSRVCLASS	CHAR	8	ID=167 (DFHCICS) The z/OS Workload Manager (WLM) service class for this transaction.
zRPTCLASS	CHAR	8	ID=168 (DFHCICS) The z/OS Workload Manager (WLM) report class for this transaction.

zFCTYNAME	CHAR	4	ID=163 (DFHTASK) Transaction facility name. This field is null if the transaction is not associated with a facility.
-----------	------	---	--

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.<fieldname>

zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.zTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Performance_Class_ADP1_PCR1.zTRANFLAG.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCR1.zTERMINFO.<fieldname>			
zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.

SMF110#01_Performance_Class_ADP1_PCR1.<fieldname>			
zTERMCNNM	CHAR	4	ID=169 (DFHTERM) Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).
zBRDGTRAN	CHAR	4	ID=124 (DFHTASK) Bridge listener transaction identifier. For CICS 3270 Bridge transactions, this field is the name of the Bridge listener transaction that attached the user task.
zRRMSURID	CHAR	16	ID=190 (DFHTASK) RRMS/MVS unit-of-recovery ID (URID).
zPRCSNAME	CHAR	36	ID=200 (DFHCBTS) The name of the CICS business transaction service (BTS) process of which the user task formed part.
zPRCSTYPE	CHAR	8	ID=201 (DFHCBTS) The process-type of the CICS BTS process of which the user task formed part.
zPRCSID	CHAR	52	ID=202 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYID	CHAR	52	ID=203 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYNM	CHAR	16	ID=204 (DFHCBTS) The name of the CICS BTS activity that the user task implemented.
zCLIPADDR	CHAR	40	ID=318 (DFH SOCK) The IP address of the client or Telnet client.
zTRNGRPID	CHAR	28	ID=082 (DFHTASK) The transaction group ID is assigned at transaction attach time, and can be used to correlate the transactions that CICS runs for the same incoming work request. For example, the CWXN and CWBA transactions for Web requests.
zNETID	CHAR	8	ID=197 (DFHTERM) NETID if a network qualified name has been received from the Communications Server. If it is a resource and the network qualified name has not yet been received, NETID is 8 blanks. In all other cases, it is nulls.
zRLUNAME	CHAR	8	ID=198 (DFHTERM) Real network name if a network qualified name has been received from the Communications Server.
zTCPSRVCE	CHAR	8	ID=245 (DFH SOCK) The TCP/IP service name that attached the user task.
zPORTNUM	INT	4	ID=246 (DFH SOCK) The TCP/IP port number of the TCP/IP service that attached the user task.
zOTSTID	CHAR	128	ID=194 (DFHTASK) This field is the first 128 bytes of the Object Transaction Service (OTS) Transaction ID (TID).
zCLIPPORT	INT	4	ID=330 (DFH SOCK) The TCP/IP port number of the originating client or Telnet client.
zISIPICNM	CHAR	8	ID=305 (DFH SOCK) The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zONETWKID	CHAR	8	ID=359 (DFHCICS) The network identifier from which this work request (transaction) originated.
zOAPPLID	CHAR	8	ID=360 (DFHCICS) The APPLID of the CICS region in which this work request (transaction) originated. For example, the region in which the CWXN task ran.
zOSTART	TSTMP	8	ID=361 (DFHCICS) The time at which the originating task, for example the CWXN task, was started.
zOTRANNUM	DEC	4 (7,0)	ID=362 (DFHCICS) The number of the originating task. For example, the CWXN task.

zOTRAN	CHAR	4	ID=363 (DFHCICS) The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zOUSERID	CHAR	8	ID=364 (DFHCICS) The originating Userid-2 or Userid-1, for example from CWBA, depending on the originating task.
zOUSERCOR	CHAR	64	ID=365 (DFHCICS) The originating user correlator.
zOTCPSVCE	CHAR	8	ID=366 (DFHCICS) The name of the originating TCPIP SERVICE.
zOPORTNUM	INT	4	ID=367 (DFHCICS) The port number used by the originating TCPIP SERVICE.
zOCLIPADR	CHAR	40	ID=372 (DFHCICS) The IP address of the originating client or Telnet client.
zOCLIPORT	INT	4	ID=369 (DFHCICS) The TCP/IP port number of the originating client or Telnet client.

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.<fieldname>

zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCR1.zOTRANFLG.<fieldname>			
zOFCTYNME	CHAR	8	ID=371 (DFHCICS) The facility name of the originating transaction.
zWBURIMNM	CHAR	8	ID=380 (DFHWEBB) For CICS web support, Atom feeds, and web service applications, the name of the URIMAP resource definition that was mapped to the URI of the inbound request that was processed by this task.
zWBPIPLNM	CHAR	8	ID=381 (DFHWEBB) For web service applications, the name of the PIPELINE resource definition that was used to provide information about the message handlers that act on the service request processed by this task.
zWBATMSNM	CHAR	8	ID=382 (DFHWEBB) For Atom feeds, the name of the ATOMSERVICE resource definition that was used to process this task.
zWBSVCENM	CHAR	32	ID=383 (DFHWEBB) For web service applications, the name of the WEBSERVICE resource definition that was used to process this task.
zWBSVOPNM	CHAR	64	ID=384 (DFHWEBB) For web service applications, the first 64 bytes of the web service operation name.
zWBPROGNM	CHAR	8	ID=385 (DFHWEBB) For CICS web support, the name of the program from the URIMAP resource definition that was used to provide the application-generated response to the HTTP request processed by this task.
zPHNTWKID	CHAR	8	ID=373 (DFHCICS) The network identifier of the CICS system of an immediately previous task in another CICS system with which this task is associated.
zPHAPPLID	CHAR	8	ID=374 (DFHCICS) The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHSTART	TSTMP	8	ID=375 (DFHCICS) The start time of the immediately previous task in another CICS system with which this task is associated.
zPHTRANNO	DEC	4 (7,0)	ID=376 (DFHCICS) The task number of the immediately previous task in another CICS system with which this task is associated.
zPHTRAN	CHAR	4	ID=377 (DFHCICS) The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHCOUNT	INT	4	ID=378 (DFHCICS) The number of times there has been a request from one CICS system to another CICS system to initiate a task with which this task is associated.
zOADID	CHAR	64	ID=351 (DFHCICS) The adapter identifier added to the origin data by the adapter.
zOADATA1	CHAR	64	ID=352 (DFHCICS) The data added to the origin data by the adapter.
zOADATA2	CHAR	64	ID=353 (DFHCICS) The data added to the origin data by using the adapter.
zOADATA3	CHAR	64	ID=354 (DFHCICS) The data added to the origin data by the adapter.
zSOCIPHER	HEX	4	ID=320 (DFH SOCK) Identifies the code for the cipher suite that was selected during the SSL handshake for use on the inbound connection, for example X'0000002F'.
zCECMCHTP	CHAR	4	ID=430 (DFHTASK) The CEC machine type, in EBCDIC, for the physical hardware environment where the CICS region is running.
zCECMDLID	CHAR	16	ID=431 (DFHTASK) The CEC model number, in EBCDIC, for the physical hardware environment where the CICS region is running.
zMAXTASKS	INT	4	

			ID=433 (DFHTASK) The MXT or MAXTASKS value, expressed as a number of tasks, for the CICS region at the time the user task was attached.
zCURTASKS	INT	4	ID=434 (DFHTASK) The current number of active user transactions in the system at the time the user task was attached.
zACAPPLNM	CHAR	64	ID=451 (DFHTASK) The 64-character name of the application in the application context data.
zACPLATNM	CHAR	64	ID=452 (DFHTASK) The 64-character name of the platform in the application context data.
zACMAJVER	INT	4	ID=453 (DFHTASK) The major version of the application in the application context data, expressed as a 4-byte binary value.
zACMINVER	INT	4	ID=454 (DFHTASK) The minor version of the application in the application context data, expressed as a 4-byte binary value.
zACMICVER	INT	4	ID=455 (DFHTASK) The micro version of the application in the application context data, expressed as a 4-byte binary value.
zACOPERNM	CHAR	64	ID=456 (DFHTASK) The 64-character name of the operation in the application context data.

SMF110#01_Performance_Class_ADP1_PCR1.zTASKFLAG.<fieldname>

zClockErr	BIT	1	Detected an attempt either to start a user clock that was already running or to stop one that was not running.
-----------	-----	---	--

SMF110#01_Performance_Class_ADP1_PCR1.<fieldname>

zABCODEO	CHAR	4	ID=113 (DFHPROG) Original abend code.
zABCODEC	CHAR	4	ID=114 (DFHPROG) Current abend code.
zRTYPE	CHAR	4	ID=112 (DFHCICS) Performance record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTCMSGIN1	INT	4	ID=034 (DFHTERM) Number of messages received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHRIN1	INT	4	ID=083 (DFHTERM) Number of characters received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGOU1	INT	4	ID=035 (DFHTERM) Number of messages sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHROU1	INT	4	ID=084 (DFHTERM) Number of characters sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGIN2	INT	4	ID=067 (DFHTERM) Number of messages received from the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHRIN2	INT	4	ID=085 (DFHTERM) Number of characters received from the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCMSGOU2	INT	4	ID=068 (DFHTERM) Number of messages sent to the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHROU2	INT	4	ID=086 (DFHTERM) Number of characters sent to the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCM62IN2	INT	4	ID=135 (DFHTERM) Number of messages received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62IN2	INT	4	ID=137 (DFHTERM) Number of characters received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCM62OU2	INT	4	ID=136 (DFHTERM) Number of messages sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62OU2	INT	4	ID=138 (DFHTERM) Number of characters sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.

zTCALLOCT	INT	4	ID=069 (DFHTERM) Number of TCTTE ALLOCATE requests issued by the user task for LUTYPE6.2 (APPC), LUTYPE6.1, and IRC sessions.
zSCUGETCT_Below	INT	4	ID=054 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the UDSA.
zSCUGETCT_Above	INT	4	ID=105 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the extended user dynamic storage area (EUDSA).
zSCCGETCT_Below	INT	4	ID=117 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the CDSA.
zSCCGETCT_Above	INT	4	ID=120 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the ECDSA.
zSCUSRHWM_Below	INT	4	ID=033 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the user dynamic storage area (UDSA).
zSCUSRHWM_Above	INT	4	ID=106 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the EUDSA.
zSC24CHWM	INT	4	ID=116 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zSC31CHWM	INT	4	ID=119 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zSCUSRSTG_Below	INT	8	ID=095 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the UDSA. This measures the area under the curve of storage in use against elapsed time.
zSCUSRSTG_Above	INT	8	ID=107 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the EUDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24COCC	INT	8	ID=118 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the CDSA. This measures the area under the curve of storage in use against elapsed time.
zSC31COCC	INT	8	ID=121 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24SGCT	INT	4	ID=144 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage below the 16 MB line, in the CDSA or SDSA.
zSC24GSHR	INT	4	ID=145 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC24FSHR	INT	4	ID=146 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC31SGCT	INT	4	ID=147 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the 16 MB line, in the ECDSA or ESDSA.
zSC31GSHR	INT	4	ID=148 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC31FSHR	INT	4	ID=149 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC64CGCT	INT	4	ID=441 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the CICS dynamic storage area (GCDSA).
zSC64CHWM	INT	4	ID=442 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
zSC64UGCT	INT	4	ID=443 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the user dynamic storage area (GUDSA).

zSC64UHWM	INT	4	ID=444 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
zSC64SGCT	INT	4	ID=445 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the bar, in the GCDSA or GSDSA.
zSC64GSHR	INT	4	ID=446 (DFHSTOR) Amount of shared storage obtained by the user task by using a GETMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zSC64FSHR	INT	4	ID=447 (DFHSTOR) Amount of shared storage released by the user task by using a FREEMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zPCSTGHWM	INT	4	ID=087 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task both above and below the 16 MB line.
zPC31AHWM	INT	4	ID=139 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line.
zPC24BHWM	INT	4	ID=108 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line.
zPC31CHWM	INT	4	ID=142 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zPC24CHWM	INT	4	ID=143 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zPC31RHWM	INT	4	ID=122 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended read-only dynamic storage area (ERDSA).
zPC24RHWM	INT	4	ID=162 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the read-only dynamic storage area (RDSA).
zPC31SHWM	INT	4	ID=161 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended shared dynamic storage area (ESDSA).
zPC24SHWM	INT	4	ID=160 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the shared dynamic storage area (SDSA).
zFCGETCT	INT	4	ID=036 (DFHFILE) Number of file GET requests issued by the user task.
zFCPUTCT	INT	4	ID=037 (DFHFILE) Number of file PUT requests issued by the user task.
zFCBRWCT	INT	4	ID=038 (DFHFILE) Number of file browse requests issued by the user task. This number excludes the START and END browse requests.
zFCADDCT	INT	4	ID=039 (DFHFILE) Number of file ADD requests issued by the user task.
zFCDELCT	INT	4	ID=040 (DFHFILE) Number of file DELETE requests issued by the user task.
zFCTOTCT	INT	4	ID=093 (DFHFILE) Total number of file control requests issued by the user task. This number excludes any request for OPEN, CLOSE, ENABLE, or DISABLE of a file.
zFCAMCT	INT	4	ID=070 (DFHFILE) Number of times the user task invoked file access-method interfaces. This number excludes requests for OPEN and CLOSE.
zTDGETCT	INT	4	ID=041 (DFHDEST) Number of transient data GET requests issued by the user task.
zTDPUTCT	INT	4	ID=042 (DFHDEST) Number of transient data PUT requests issued by the user task.
zTDPURCT	INT	4	ID=043 (DFHDEST) Number of transient data PURGE requests issued by the user task.
zTDTOTCT	INT	4	ID=091 (DFHDEST) Total number of transient data requests issued by the user task.
zTSGETCT	INT	4	

			ID=044 (DFHTEMP) Number of temporary storage GET requests to auxiliary or main temporary storage issued by the user task.
zTSPUTACT	INT	4	ID=046 (DFHTEMP) Number of PUT requests to auxiliary temporary storage issued by the user task.
zTSPUTMCT	INT	4	ID=047 (DFHTEMP) Number of PUT requests to main temporary storage issued by the user task.
zTSGETSCT	INT	4	ID=460 (DFHTEMP) Number of temporary storage GET requests from shared temporary storage issued by the user task.
zTSPUTSCT	INT	4	ID=461 (DFHTEMP) Number of temporary storage PUT requests to shared temporary storage issued by the user task.
zTSTOTCT	INT	4	ID=092 (DFHTEMP) Total number of temporary storage requests issued by the user task.
zBMSMAPCT	INT	4	ID=050 (DFHMAPP) Number of BMS MAP requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that did not incur a terminal I/O, and the number of RECEIVE MAP FROM requests.
zBMSINCT	INT	4	ID=051 (DFHMAPP) Number of BMS IN requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that incurred a terminal I/O.
zBMSOUTCT	INT	4	ID=052 (DFHMAPP) Number of BMS OUT requests issued by the user task. This field corresponds to the number of SEND MAP requests.
zBMSTOTCT	INT	4	ID=090 (DFHMAPP) Total number of BMS requests issued by the user task.
zPCLINKCT	INT	4	ID=055 (DFHPROG) Number of program LINK and INVOKE APPLICATION requests issued by the user task, including the link to the first program of the user task.
zPCXCTLCT	INT	4	ID=056 (DFHPROG) Number of program XCTL requests issued by the user task.
zPCLOADCT	INT	4	ID=057 (DFHPROG) Number of program LOAD requests issued by the user task.
zPCLURMCT	INT	4	ID=072 (DFHPROG) Number of program LINK URM (user-replaceable module) requests issued by, or on behalf of, the user task.
zPCDPLCT	INT	4	ID=073 (DFHPROG) Number of distributed program link (DPL) requests issued by the user task.
zPCDLCSDL	INT	4	ID=286 (DFHPROG) The total length, in bytes, of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCDLRDL	INT	4	ID=287 (DFHPROG) The total length, in bytes, of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task.
zPCLNKCCT	INT	4	ID=306 (DFHPROG) Number of local program LINK and INVOKE APPLICATION requests, with the CHANNEL option, issued by the user task.
zPCXCLCCT	INT	4	ID=307 (DFHPROG) Number of program XCTL requests issued with the CHANNEL option by the user task.
zPCDPLCCT	INT	4	ID=308 (DFHPROG) Number of program distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCRTNCCT	INT	4	ID=309 (DFHPROG) Number of remote pseudoconversational RETURN requests, with the CHANNEL option, issued by the user task.
zPCRTNCDL	INT	4	ID=310 (DFHPROG) The total length, in bytes, of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task.
zJNLWRTCT	INT	4	ID=058 (DFHJOUR) Number of journal write requests issued by the user task.
zLOGWRTCT	INT	4	ID=172 (DFHJOUR) Number of CICS log stream write requests issued by the user task.
zICPUINCT	INT	4	ID=059 (DFHTASK) Number of interval control START or INITIATE requests during the user task.
zICTOTCT	INT	4	

			ID=066 (DFHTASK) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zICSTACCT	INT	4	ID=065 (DFHTASK) Total number of local interval control START requests, with the CHANNEL option, issued by the user task.
zICSTACDL	INT	4	ID=345 (DFHTASK) Total length, in bytes, of the data in the containers of all the locally executed START CHANNEL requests issued by the user task.
zICSTRCCT	INT	4	ID=346 (DFHTASK) Total number of interval control START CHANNEL requests, to be run on remote systems, issued by the user task.
zICSTRCDL	INT	4	ID=347 (DFHTASK) Total length, in bytes, of the data in the containers of all the remotely executed START CHANNEL requests issued by the user task.
zSPSYNCCT	INT	4	ID=060 (DFHSYNC) Number of SYNCPOINT requests issued during the user task.
zCFCAPICT	INT	4	ID=025 (DFHCICS) Number of CICS OO foundation class requests, including the Java API for CICS (JCICS) classes, issued by the user task.
zSZALLOCT	INT	4	ID=150 (DFHFEPI) Number of conversations allocated by the user task. This number is incremented for each FEPI ALLOCATE POOL or FEPI CONVERSE POOL.
zSZRCVCT	INT	4	ID=151 (DFHFEPI) Number of FEPI RECEIVE requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSENDCT	INT	4	ID=152 (DFHFEPI) Number of FEPI SEND requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSTRCT	INT	4	ID=153 (DFHFEPI) Number of FEPI START requests made by the user task.
zSZCHROUT	INT	4	ID=154 (DFHFEPI) Number of characters sent through FEPI by the user task.
zSZCHRIN	INT	4	ID=155 (DFHFEPI) Number of characters received through FEPI by the user task.
zSZALLCTO	INT	4	ID=157 (DFHFEPI) Number of times the user task timed out while waiting to allocate a conversation.
zSZRCVTO	INT	4	ID=158 (DFHFEPI) Number of times the user task timed out while waiting to receive data.
zSZTOTCT	INT	4	ID=159 (DFHFEPI) Total number of all FEPI API and SPI requests made by the user task.
zBARSYNCT	INT	4	ID=205 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity synchronously.
zBARASYCT	INT	4	ID=206 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity asynchronously.
zBALKPACT	INT	4	ID=207 (DFHCBTS) The number of CICS BTS link process, or link activity, requests that the user task issued.
zBADPROCT	INT	4	ID=208 (DFHCBTS) The number of CICS BTS define process requests issued by the user task.
zBADACTCT	INT	4	ID=209 (DFHCBTS) The number of CICS BTS define activity requests issued by the user task.
zBARSPACT	INT	4	ID=210 (DFHCBTS) The number of CICS BTS reset process and reset activity requests issued by the user task.
zBASUPACT	INT	4	ID=211 (DFHCBTS) The number of CICS BTS suspend process, or suspend activity, requests issued by the user task.
zBARMPACT	INT	4	ID=212 (DFHCBTS) The number of CICS BTS resume process, or resume activity, requests issued by the user task.
zBADCPACT	INT	4	ID=213 (DFHCBTS) The number of CICS BTS delete activity, cancel process, or cancel activity, requests issued by the user task.
zBAACQPCT	INT	4	ID=214 (DFHCBTS) The number of CICS BTS acquire process, or acquire activity, requests issued by the user task.

zBATOTPCT	INT	4	ID=215 (DFHCBTS) Total number of CICS BTS process and activity requests issued by the user task.
zBAPRDCCT	INT	4	ID=216 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for process data containers issued by the user task.
zBAACDCCT	INT	4	ID=217 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for current activity data containers issued by the user task.
zBATOTCCT	INT	4	ID=218 (DFHCBTS) Total number of CICS BTS delete, get, move, or put, process container and activity container requests issued by the user task.
zBARATECT	INT	4	ID=219 (DFHCBTS) The number of CICS BTS retrieve-reattach event requests issued by the user task.
zBADFIECT	INT	4	ID=220 (DFHCBTS) The number of CICS BTS define-input event requests issued by the user task.
zBATIAECT	INT	4	ID=221 (DFHCBTS) The number of CICS BTS DEFINE TIMER EVENT, CHECK TIMER EVENT, DELETE TIMER EVENT, and FORCE TIMER EVENT requests issued by the user task.
zBATOTECT	INT	4	ID=222 (DFHCBTS) Total number of CICS BTS event-related requests issued by the user task.
zWBRCVCT	INT	4	ID=231 (DFHWEBB) The number of CICS web support RECEIVE requests issued by the user task.
zWBCHRIN	INT	4	ID=232 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE requests issued by the user task.
zWBSENDCT	INT	4	ID=233 (DFHWEBB) The number of CICS web support SEND requests issued by the user task.
zWBCHROUT	INT	4	ID=234 (DFHWEBB) The number of bytes sent by the CICS web support SEND requests issued by the user task.
zWBTOTCT	INT	4	ID=235 (DFHWEBB) The total number of CICS web support requests issued by the user task.
zWBREPRCT	INT	4	ID=236 (DFHWEBB) The number of reads from the repository in temporary storage issued by the user task.
zWBREPWCT	INT	4	ID=237 (DFHWEBB) The number of writes to the repository in temporary storage issued by the user task.
zWBEXTRCT	INT	4	ID=238 (DFHWEBB) The number of CICS web support EXTRACT requests issued by the user task.
zWBRRWCT	INT	4	ID=239 (DFHWEBB) The number of CICS web support browsing requests for HTTPHEADER, FORMFIELD, and QUERYPARM (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task.
zWBREADCT	INT	4	ID=224 (DFHWEBB) The number of CICS web support READ HTTPHEADER, READ FORMFIELD, and READ QUERYPARM requests issued by the user task.
zWBWRITCT	INT	4	ID=225 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task.
zDHCRECT	INT	4	ID=226 (DFHDOCH) The number of document handler CREATE requests issued by the user task.
zDHINSCT	INT	4	ID=227 (DFHDOCH) The number of document handler INSERT requests issued by the user task.
zDHSETCT	INT	4	ID=228 (DFHDOCH) The number of document handler SET requests issued by the user task.
zDHRETCT	INT	4	ID=229 (DFHDOCH) The number of document handler RETRIEVE requests issued by the user task.
zDHDELCT	INT	4	ID=223 (DFHDOCH) The number of document handler DELETE requests issued by the user task.
zDHTOTCT	INT	4	ID=230 (DFHDOCH) The total number of document handler requests issued by the user task.
zDHTOTDCL	INT	4	ID=240 (DFHDOCH) The total length of all documents created by the user task.
zSOBYENCT	INT	4	

			ID=242 (DFH SOCK) The number of bytes encrypted by the secure sockets layer for the user task.
zSOBYDECT	INT	4	ID=243 (DFH SOCK) The number of bytes decrypted by the secure sockets layer for the user task.
zSOEXTRCT	INT	4	ID=289 (DFH SOCK) The number of EXTRACT TCPIP and EXTRACT CERTIFICATE requests issued by the user task.
zSOCNPSCT	INT	4	ID=290 (DFH SOCK) The total number of requests made by the user task to create a nonpersistent outbound socket.
zSOCPSCT	INT	4	ID=291 (DFH SOCK) The total number of requests made by the user task to create a persistent outbound socket.
zSONPSHWM	INT	4	ID=292 (DFH SOCK) The peak number of nonpersistent outbound sockets owned by the user task.
zSOPSHWM	INT	4	ID=293 (DFH SOCK) The peak number of persistent outbound sockets owned by the user task.
zSORCVCT	INT	4	ID=294 (DFH SOCK) The total number of receive requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHRIN	INT	4	ID=295 (DFH SOCK) The total number of bytes received on outbound sockets by the user task
zSOSENDCT	INT	4	ID=296 (DFH SOCK) The total number of send requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHROUT	INT	4	ID=297 (DFH SOCK) The total number of bytes sent on outbound sockets by the user task.
zSOTOTCT	INT	4	ID=298 (DFH SOCK) The total number of socket requests issued by the user task.
zSOMSGIN1	INT	4	ID=301 (DFH SOCK) The number of inbound socket receive requests issued by the user task.
zSOCHRIN1	INT	4	ID=302 (DFH SOCK) The number of characters received by inbound socket receive requests issued by the user task.
zSOMSGOU1	INT	4	ID=303 (DFH SOCK) The number of inbound socket send requests issued by the user task.
zSOCHROU1	INT	4	ID=304 (DFH SOCK) The number of characters sent by inbound socket send requests issued by the user task.
zIMSREQCT	INT	4	ID=179 (DFH DATA) The number of IMS (DBCTL) requests issued by the user task.
zDB2REQCT	INT	4	ID=180 (DFH DATA) The total number of Db2 EXEC SQL and Instrumentation Facility Interface (IFI) requests issued by the user task.
zWWMQREQCT	INT	4	ID=395 (DFH DATA) The total number of WebSphere MQ requests issued by the user task.
zTCBATTCT	INT	4	ID=251 (DFH TASK) The number of CICS TCBS attached by or on behalf of the user task.
zDSTCBHWM	INT	4	ID=252 (DFH TASK) The peak number of CICS open TCBS (in TCB modes L8, L9, S8, T8, X8, and X9) that have been concurrently allocated to the user task.
zWBREDOCT	INT	4	ID=331 (DFH WEBB) The number of CICS web support READ HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBWRTOCT	INT	4	ID=332 (DFH WEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBRCVIN1	INT	4	ID=333 (DFH WEBB) The number of CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHRIN1	INT	4	ID=334 (DFH WEBB) The number of bytes received by the CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBSNDOU1	INT	4	ID=335 (DFH WEBB) The number of CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.

zWBCHROU1	INT	4	ID=336 (DFHWEBB) The number of bytes sent by the CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBPARSCT	INT	4	ID=337 (DFHWEBB) The number of CICS web support PARSE URL requests issued by the user task.
zWBBRWOCCT	INT	4	ID=338 (DFHWEBB) The number of CICS web support BROWSE HTTPHEADER requests (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task when CICS is an HTTP client.
zWBIWBSCT	INT	4	ID=340 (DFHWEBB) The number of EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE requests issued by the user task.
zWBREPRDL	INT	4	ID=341 (DFHWEBB) The total length, in bytes, of the data read from the repository in temporary storage by the user task.
zWBREPWDL	INT	4	ID=342 (DFHWEBB) The total length, in bytes, of the data written to the repository in temporary storage by the user task.
zPGTOTCCT	INT	4	ID=321 (DFHCHNL) The number of CICS requests for channel containers issued by the user task.
zPGBRWOCCT	INT	4	ID=322 (DFHCHNL) The number of CICS browse requests for channel containers issued by the user task.
zPGGETCCT	INT	4	ID=323 (DFHCHNL) The number of GET CONTAINER and GET64 CONTAINER requests for channel containers issued by the user task.
zPGPUTCCT	INT	4	ID=324 (DFHCHNL) The number of PUT CONTAINER and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGMOVCCT	INT	4	ID=325 (DFHCHNL) The number of MOVE CONTAINER requests for channel containers issued by the user task.
zPGGETCDL	INT	4	ID=326 (DFHCHNL) The total length, in bytes, of the data in the containers of all the GET CONTAINER CHANNEL and GET64 CONTAINER CHANNEL commands issued by the user task.
zPGPUTCDL	INT	4	ID=327 (DFHCHNL) The total length, in bytes, of the data in the containers of all the PUT CONTAINER CHANNEL and PUT64 CONTAINER CHANNEL commands issued by the user task.
zPGCRECCT	INT	4	ID=328 (DFHCHNL) The number of containers created by MOVE, PUT CONTAINER, and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGCSTHWM	INT	4	ID=329 (DFHCHNL) Maximum amount (high-water mark), in bytes, of container storage allocated to the user task.
zISALLOCT	INT	4	ID=288 (DFH SOCK) The number of allocate session requests issued by the user task for sessions using IPIC.
zEICTOTCT	INT	4	ID=402 (DFHCICS) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zECSIGECT	INT	4	ID=415 (DFHCICS) The number of EXEC CICS SIGNAL EVENT commands issued by the user task.
zECEFOPT	INT	4	ID=416 (DFHCICS) The number of event filter operations performed by the user task.
zECEVTCT	INT	4	ID=417 (DFHCICS) The number of events captured by the user task.
zECSEVCCT	INT	4	ID=418 (DFHCICS) The number of synchronous emission events captured by the user task.
zTIASKTCT	INT	4	ID=405 (DFHCICS) The number of EXEC CICS ASKTIME commands issued by the user task.
zTITOTCT	INT	4	ID=406 (DFHCICS) The total number of EXEC CICS ASKTIME, CONVERTTIME, and FORMATTIME commands issued by the user task.
zBFDGSTCT	INT	4	ID=408 (DFHCICS) The total number of EXEC CICS BIF DIGEST commands issued by the user task.
zBFTOTCT	INT	4	ID=409 (DFHCICS) The total number of EXEC CICS BIF DEEDIT and BIF DIGEST commands issued by the user task.
zMLXSSTD	INT	4	ID=412 (DFHWEBB) The total length of the documents that were parsed using the z/OS XML System Services parser.
zMLXMLTCT	INT	4	

			ID=413 (DFHWEBB) The number of EXEC CICS TRANSFORM commands issued by the user task.
zWSACBLCT	INT	4	ID=420 (DFHWEBB) The number of EXEC CICS WSACONTEXT BUILD commands issued by the user task.
zWSACGTCT	INT	4	ID=421 (DFHWEBB) The number of EXEC CICS WSACONTEXT GET commands issued by the user task.
zWSAEPCT	INT	4	ID=422 (DFHWEBB) The number of EXEC CICS WSAEPR CREATE commands issued by the user task.
zWSATOTCT	INT	4	ID=423 (DFHWEBB) The total number of EXEC CICS WS-Addressing commands issued by the user task.
zWBSFCRCT	INT	4	ID=386 (DFHWEBB) The number of EXEC CICS SOAPFAULT CREATE commands issued by the user task.
zWBSFTOCT	INT	4	ID=387 (DFHWEBB) The total number of EXEC CICS SOAPFAULT ADD, CREATE, and DELETE commands issued by the user task.
zWBISSFCT	INT	4	ID=388 (DFHWEBB) The total number of SOAP faults received in response to the EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE commands issued by the user task.
zWBSREQBL	INT	4	ID=390 (DFHWEBB) For web service applications, the SOAP request body length.
zWBSRSPBL	INT	4	ID=392 (DFHWEBB) For web service applications, the SOAP response body length.
zWBJSNRQL	INT	4	ID=424 (DFHWEBB) For JSON web service applications, the JSON message request length.
zWBJSNRPL	INT	4	ID=425 (DFHWEBB) For JSON web service applications, the JSON message response length.
zMPPRTXCD	INT	4	ID=449 (DFHCICS) The number of policy task rule thresholds that this task has exceeded.
zNCGETCT	INT	4	ID=464 (DFHCICS) The total number of requests to a named counter server to satisfy EXEC CICS GET COUNTER and EXEC CICS GET DCOUNTER commands issued by the user task.

SMF110#01_Performance_Class_ADP1_PCR1.zUSRDISPT.<fieldname>

zUSRDISPT_S	TIME	8	Total elapsed time during which the user task was dispatched on each CICS TCB under which the task ran.
zUSRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zUSRCPUT.<fieldname>

zUSRCPUT_S	TIME	8	Processor time for which the user task was dispatched on each CICS TCB under which the task ran.
zUSRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zCPUTONCP.<fieldname>

zCPUTONCP_S	TIME	8	The total task processor time on a standard processor for which the user task was dispatched on each CICS TCB under which the task ran.
zCPUTONCP_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zOFFLCPUT.<fieldname>

zOFFLCPUT_S	TIME	8	The total task processor time that was spent on a standard processor but was eligible for offload to a specialty processor (zIIP or zAAP).
zOFFLCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zSUSPTIME.<fieldname>

zSUSPTIME_S	TIME	8	Total elapsed wait time for which the user task was suspended by the dispatcher.
-------------	------	---	--

zSUSPTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR1.zDISPWTT.<fieldname>

zDISPWTT_S	TIME	8	Elapsed time for which the user task waited for redispach. This time is the aggregate of the wait times between each event completion and user-task redispach.
zDISPWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zQRDISPT.<fieldname>

zQRDISPT_S	TIME	8	The elapsed time for which the user task was dispatched on the CICS QR TCB.
zQRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zQRCPUT.<fieldname>

zQRCPUT_S	TIME	8	The processor time for which the user task was dispatched on the CICS QR TCB.
zQRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zMSDISPT.<fieldname>

zMSDISPT_S	TIME	8	Elapsed time for which the user task was dispatched on each CICS TCB.
zMSDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zMSCPUT.<fieldname>

zMSCPUT_S	TIME	8	The processor time for which the user task was dispatched on each CICS TCB.
zMSCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zRODISPT.<fieldname>

zRODISPT_S	TIME	8	The elapsed time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zRODISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zROCPUT.<fieldname>

zROCPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zROCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zKY8DISPT.<fieldname>

zKY8DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zKY8CPUT.<fieldname>

zKY8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zKY9DISPT.<fieldname>			
zKY9DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zKY9CPUT.<fieldname>			
zKY9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zL8CPUT.<fieldname>			
zL8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L8 mode TCB.
zL8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zL9CPUT.<fieldname>			
zL9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L9 mode TCB.
zL9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zS8CPUT.<fieldname>			
zS8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS S8 mode TCB.
zS8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zX8CPUT.<fieldname>			
zX8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X8 mode TCB.
zX8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zX9CPUT.<fieldname>			
zX9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X9 mode TCB.
zX9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zT8CPUT.<fieldname>			
zT8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS T8 mode TCB.
zT8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR1.zQRMODDLY.<fieldname>			
zQRMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS QR mode TCB.
zQRMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zMXTOTDLY.<fieldname>			
zMXTOTDLY_S	TIME	8	The elapsed time in which the user task waited to obtain a CICS L8 or L9 mode open TCB, because the region had reached the limit set by CICS for these TCBs.

zMXTOTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR1.zMAXXTDLY.<fieldname>

zMAXXTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS XP TCB (X8 or X9 mode), because the CICS system reached the limit set by CICS for these types of TCB.
zMAXXTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zMAXSTDLY.<fieldname>

zMAXSTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system reached the limit set by the system initialization parameter MAXSSLTCBS.
zMAXSTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zMAXTTDLY.<fieldname>

zMAXTTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a T8 TCB, because the CICS system reached the limit of available threads.
zMAXTTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zDSTCBMWT.<fieldname>

zDSTCBMWT_S	TIME	8	The elapsed time that the user task spent in TCB mismatch waits. That is, waiting because no available TCB matched the request, but at least one non matching TCB was free.
zDSTCBMWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zDSCHMDLY.<fieldname>

zDSCHMDLY_S	TIME	8	The elapsed time in which the user task waited for redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task.
zDSCHMDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zEXWTTIME.<fieldname>

zEXWTTIME_S	TIME	8	The total elapsed time for which the user waited on exception conditions.
zEXWTTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zTCIOWTT.<fieldname>

zTCIOWTT_S	TIME	8	Elapsed time for which the user task waited for input from the terminal operator after issuing a RECEIVE request.
zTCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zFCIOWTT.<fieldname>

zFCIOWTT_S	TIME	8	Elapsed time in which the user task waited for file I/O.
zFCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zFCXCWTT.<fieldname>

zFCXCWTT_S	TIME	8	The elapsed time in which the user task waited for exclusive control of a VSAM control interval.
zFCXCWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zFCVSWTT.<fieldname>

zFCVSWTT_S	TIME	8	The elapsed time in which the user task waited for a VSAM string.
zFCVSWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zJCIOWTT.<fieldname>

zJCIOWTT_S	TIME	8	Elapsed time for which the user task waited for journal (logstream) I/O.
zJCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zTSIOWTT.<fieldname>

zTSIOWTT_S	TIME	8	Elapsed time for which the user task waited for VSAM temporary storage I/O.
zTSIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zIRIOWTT.<fieldname>

zIRIOWTT_S	TIME	8	Elapsed time for which the user task waited for control at this end of an MRO link.
zIRIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zTDIOWTT.<fieldname>

zTDIOWTT_S	TIME	8	Elapsed time in which the user waited for VSAM transient data I/O.
zTDIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zPCLOADTM.<fieldname>

zPCLOADTM_S	TIME	8	Elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations.
zPCLOADTM_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zDSPDELAY.<fieldname>

zDSPDELAY_S	TIME	8	The elapsed time waiting for first dispatch.
zDSPDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCR1.zTCLDELAY.<fieldname>

zTCLDELAY_S	TIME	8	The elapsed time waiting for first dispatch, which was delayed because of the limits set for the transaction class of this transaction (zTCLNAME) being reached.
zTCLDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCR1.zMXTDELAY.<fieldname>

zMXTDELAY_S	TIME	8	The elapsed time waiting for the first dispatch, which was delayed because of the limits set by the system parameter, MXT, being reached.
zMXTDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCR1.zENQDELAY.<fieldname>

zENQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control local enqueue.
zENQDELAY_N	INT	3	The number of local enqueues.

SMF110#01_Performance_Class_ADP1_PCR1.zGNQDELAY.<fieldname>

zGNQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control global enqueue.
zGNQDELAY_N	INT	3	The number of global enqueues.

SMF110#01_Performance_Class_ADP1_PCR1.zLU61WTT.<fieldname>

zLU61WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.1 connection or session.
zLU61WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zLU62WTT.<fieldname>

zLU62WTT_S	TIME	8	
------------	------	---	--

			The elapsed time for which the user task waited for I/O on a LUTYPE6.2 (APPC) connection or session.
zLU62WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zSZWAIT.<fieldname>			
zSZWAIT_S	TIME	8	Elapsed time in which the user task waited for all FEPI services.
zSZWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zRMITIME.<fieldname>			
zRMITIME_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zRMISUSP.<fieldname>			
zRMISUSP_S	TIME	8	The total elapsed time that the task was suspended by the CICS dispatcher while in the CICS Resource Manager Interface (RMI).
zRMISUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zSYNCTIME.<fieldname>			
zSYNCTIME_S	TIME	8	Total elapsed time for which the user task was dispatched and was processing syncpoint requests.
zSYNCTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zRLSWAIT.<fieldname>			
zRLSWAIT_S	TIME	8	Elapsed time in which the user task waited for RLS file I/O.
zRLSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zRLSCPUT.<fieldname>			
zRLSCPUT_S	TIME	8	For RLS requests issued only from the QR TCB, this value is the RLS File Request SRB CPU time that this transaction spent processing RLS file requests.
zRLSCPUT_N	INT	3	Count of the number of time periods contributing to the total CPU SRB processor time.
SMF110#01_Performance_Class_ADP1_PCR1.zLMDELAY.<fieldname>			
zLMDELAY_S	TIME	8	The elapsed time that the user task waited to acquire a lock on a resource.
zLMDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zWTTEXWAIT.<fieldname>			
zWTTEXWAIT_S	TIME	8	The elapsed time that the user task waited for one or more ECBs, passed to CICS by the user task using the EXEC CICS WAIT EXTERNAL ECBLIST command, to be posted by the MVS POST command.
zWTTEXWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zWTCEWAIT.<fieldname>			
zWTCEWAIT_S	TIME	8	The elapsed time that the user task waited for one of these events: 1. One or more ECBs, passed to CICS by the user task using the EXEC CICS WAITCICS ECBLIST command, to be posted by the MVS POST command. 2. Completion of an event initiated by the same or by another user task.
zWTCEWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCR1.zICDELAY.<fieldname>			
zICDELAY_S	TIME	8	The elapsed time that the user task waited as a result of issuing one of the following commands: 1. An interval control EXEC CICS DELAY command

			for a specified time interval. 2. An interval control EXEC CICS DELAY command for a specified time of day to expire. 3. An interval control EXEC CICS RETRIEVE command with the WAIT option specified.
zICDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zGVUPWAIT.<fieldname>

zGVUPWAIT_S	TIME	8	The elapsed time that the user task waited as a result of giving up control to another task.
zGVUPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zTSSHWAIT.<fieldname>

zTSSHWAIT_S	TIME	8	Elapsed time that the user task waited for an asynchronous shared temporary storage request to a temporary storage data server to complete.
zTSSHWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zCFDTPWAIT.<fieldname>

zCFDTPWAIT_S	TIME	8	The elapsed time in which the user task waited for a data table access request to the Coupling Facility Data Table server to complete.
zCFDTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zSRVSYWTT.<fieldname>

zSRVSYWTT_S	TIME	8	Total elapsed time in which the user task waited for syncpoint or resynchronization processing using the Coupling Facility data tables server to complete.
zSRVSYWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zRRMSWAIT.<fieldname>

zRRMSWAIT_S	TIME	8	The elapsed time in which the user task waited indoubt using resource recovery services for EXCI.
zRRMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zRUNTRWTT.<fieldname>

zRUNTRWTT_S	TIME	8	The elapsed time in which the user task waited for completion of a transaction that ran as a result of the user task issuing a CICS BTS run process request and a run activity request synchronously.
zRUNTRWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zSYNCDLY.<fieldname>

zSYNCDLY_S	TIME	8	The elapsed time in which the user task waited for a syncpoint request to be issued by its parent transaction.
zSYNCDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zSOIOWTT.<fieldname>

zSOIOWTT_S	TIME	8	The elapsed time for which the user task waited for inbound socket I/O.
zSOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zIMSWAIT.<fieldname>

zIMSWAIT_S	TIME	8	The elapsed time during which the user task waited for DBCTL to service the IMS requests issued by the user task.
zIMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zDB2RDYQW.<fieldname>

zDB2RDYQW_S	TIME	8	The elapsed time during which the user task waited for a Db2 thread to become available.
-------------	------	---	--

zDB2RDYQW_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR1.zDB2CONWT.<fieldname>

zDB2CONWT_S	TIME	8	The elapsed time during which the user task waited for a Db2 connection to become available for use with the user task's open TCB.
zDB2CONWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zWMQGETWT.<fieldname>

zWMQGETWT_S	TIME	8	The elapsed time during which the user task waited for WebSphere MQ to service the user task's GETWAIT request.
zWMQGETWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zJVMTIME.<fieldname>

zJVMTIME_S	TIME	8	The total elapsed time spent in the JVM by the user task.
zJVMTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zJVMSUSP.<fieldname>

zJVMSUSP_S	TIME	8	The elapsed time for which the user task was suspended by the CICS dispatcher while running in the JVM.
zJVMSUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zSOOIOWTT.<fieldname>

zSOOIOWTT_S	TIME	8	The total elapsed time that the user task waited on outbound sockets.
zSOOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zRQRWAIT.<fieldname>

zRQRWAIT_S	TIME	8	The elapsed time during which the request receiver user task CIRR (or user specified transaction ID) waited for any outstanding replies to be satisfied.
zRQRWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zRQPWAIT.<fieldname>

zRQPWAIT_S	TIME	8	The elapsed time during which the request processor user task CIRP waited for any outstanding replies to be satisfied.
zRQPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zOTSINDWT.<fieldname>

zOTSINDWT_S	TIME	8	The elapsed time in which the user task was dispatched or suspended indoubt (or both) while processing a syncpoint for an Object Transaction Service (OTS) syncpoint request.
zOTSINDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zJVMITIME.<fieldname>

zJVMITIME_S	TIME	8	The elapsed time spent initializing the JVM environment.
zJVMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zJVMRTIME.<fieldname>

zJVMRTIME_S	TIME	8	Reserved field, returns zero.
zJVMRTIME_N	INT	3	Reserved field, returns zero.

SMF110#01_Performance_Class_ADP1_PCR1.zPTPWAIT.<fieldname>

zPTPWAIT_S	TIME	8	The elapsed time for which the user task waited for the 3270 bridge partner transaction to complete.
------------	------	---	--

zPTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR1.zDSMMSCWT.<fieldname>

zDSMMSCWT_S	TIME	8	The elapsed time that the user task spent waiting because no TCB was available and a TCB was not created because of MVS storage constraints.
zDSMMSCWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zISIWTT.<fieldname>

zISIWTT_S	TIME	8	The elapsed time for which a user task waited for control at this end of an IPICT connection.
zISIWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zJVMTHDWT.<fieldname>

zJVMTHDWT_S	TIME	8	The elapsed time that the user task waited to obtain a JVM server thread because the CICS system had reached the thread limit for a JVM server in the CICS region.
zJVMTHDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zWMQASRBT.<fieldname>

zWMQASRBT_S	TIME	8	The WebSphere MQ SRB time this transaction spent processing WebSphere MQ API requests.
zWMQASRBT_N	INT	3	Count of the number of time periods contributing to the total SRB time.

SMF110#01_Performance_Class_ADP1_PCR1.zTDILWTT.<fieldname>

zTDILWTT_S	TIME	8	The elapsed time for which the user task waited for an intrapartition transient data lock (TDIPLOCK).
zTDILWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zTDELWTT.<fieldname>

zTDELWTT_S	TIME	8	The elapsed time for which the user task waited for an extrapartition transient data lock (TDEPLOCK).
zTDELWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zROMODDLY.<fieldname>

zROMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS RO TCB.
zROMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zSOMODDLY.<fieldname>

zSOMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS SO TCB.
zSOMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zISALWTT.<fieldname>

zISALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an IPICT session.
zISALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zTCALWTT.<fieldname>

zTCALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an MRO (Inter-Region Communication), LU6.1, or LU6.2 session.
zTCALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR1.zDSAPTHWT.<fieldname>

zDSAPTHWT_S	TIME	8	The dispatcher allocated pthread wait time. This is the time that the transaction had to wait for a Liberty pthread to be allocated during links to Liberty programs.
zDSAPTHWT_N	INT	3	Count of the number of time periods contributing to the total wait time.

SMF110#01_Performance_Class_ADP1_PCR1.zRMITOTAL.<fieldname>

zRMITOTAL_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITOTAL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS Resource Manager Interface (RMI).

SMF110#01_Performance_Class_ADP1_PCR1.zRMIOOTHER.<fieldname>

zRMIOOTHER_S	TIME	8	The total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.
zRMIOOTHER_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.

SMF110#01_Performance_Class_ADP1_PCR1.zRMIDB2.<fieldname>

zRMIDB2_S	TIME	8	The total elapsed time spent in the CICS RMI for Db2 requests.
zRMIDB2_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for Db2 requests.

SMF110#01_Performance_Class_ADP1_PCR1.zRMIDBCTL.<fieldname>

zRMIDBCTL_S	TIME	8	The total elapsed time spent in the CICS RMI for DBCTL requests.
zRMIDBCTL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for DBCTL requests.

SMF110#01_Performance_Class_ADP1_PCR1.zRMIEXDLI.<fieldname>

zRMIEXDLI_S	TIME	8	The total elapsed time spent in the CICS RMI for EXEC DLI requests.
zRMIEXDLI_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for EXEC DLI requests.

SMF110#01_Performance_Class_ADP1_PCR1.zRMIMQM.<fieldname>

zRMIMQM_S	TIME	8	The total elapsed time spent in the CICS RMI for IBM MQ requests.
zRMIMQM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for IBM MQ requests.

SMF110#01_Performance_Class_ADP1_PCR1.zRMICPSM.<fieldname>

zRMICPSM_S	TIME	8	The total elapsed time spent in the CICS RMI for CICSplex SM requests.
zRMICPSM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICSplex SM requests.

SMF110#01_Performance_Class_ADP1_PCR1.zRMITCPIP.<fieldname>

zRMITCPIP_S	TIME	8	The total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.
zRMITCPIP_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.

Secondary segment: **SMF110#01_Performance_Class_ADP1_PCR2**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF110#01_Performance_Class_ADP1_PCR2.<fieldname></i>			
zTRAN	CHAR	4	ID=001 (DFHTASK) Transaction identification.
zTERM	CHAR	4	ID=002 (DFHTERM) Terminal or session identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	ID=089 (DFHCICS) User identification at task creation. This identification can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zTTYTYPE	CHAR	4	ID=004 (DFHTASK) Transaction start type. The high-order bytes (0 and 1) are set as follows: 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by front-end programming interface (FEPI).
zSTART	TSTMP	8	ID=005 (DFHCICS) Start time of measurement interval, which is one of the following times: - The time at which the user task was attached. - The time at which data recording was most recently reset in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zSTOP	TSTMP	8	ID=006 (DFHCICS) Finish time of measurement interval, which is one of the following times: - The time at which the user task was detached. - The time at which data recording was completed in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zTRANNUM	DEC	4 (7,0)	ID=031 (DFHTASK) Transaction identification number or 'III' for system initialisation, 'TCP' for terminal control.
zTRANPRI	INT	4	ID=109 (DFHTASK) Transaction priority when monitoring of the task was initialized.
zTCLSNAME	CHAR	8	ID=166 (DFHTASK) Transaction class name. This field is null if the transaction is not in a TRANCLASS.
zLUNAME	CHAR	8	ID=111 (DFHTERM) The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	ID=071 (DFHPROG) The name of the first program invoked at attach-time.
zNETUOWPX	CHAR	20	ID=097 (DFHTASK) Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zNETUOWSX	CHAR	8	ID=098 (DFHTASK) Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	ID=130 (DFHCICS) The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zPERRECNT	INT	4	ID=131 (DFHCICS) The number of performance class records written by the CICS Monitoring Facility (CMF) for the user task.
zRMUOWID	CHAR	8	ID=132 (DFHTASK) The identifier of the unit of work (unit of recovery) for this task.
zSRVCLASS	CHAR	8	ID=167 (DFHCICS) The z/OS Workload Manager (WLM) service class for this transaction.
zRPTCLASS	CHAR	8	ID=168 (DFHCICS) The z/OS Workload Manager (WLM) report class for this transaction.
zFCTYNAME	CHAR	4	ID=163 (DFHTASK) Transaction facility name. This field is null if the transaction is not associated with a facility.

<i>SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.<fieldname></i>			
zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

<i>SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.zTRAN_WLM.<fieldname></i>			
zResponse	BIT	1	

			Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Performance_Class_ADP1_PCR2.zTRANFLAG.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCR2.zTERMINFO.<fieldname>

zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.

SMF110#01_Performance_Class_ADP1_PCR2.<fieldname>			
zTERMCNNM	CHAR	4	ID=169 (DFHTERM) Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).
zBRDGTRAN	CHAR	4	ID=124 (DFHTASK) Bridge listener transaction identifier. For CICS 3270 Bridge transactions, this field is the name of the Bridge listener transaction that attached the user task.
zRRMSURID	CHAR	16	ID=190 (DFHTASK) RRMS/MVS unit-of-recovery ID (URID).
zPRCSNAME	CHAR	36	ID=200 (DFHCBTS) The name of the CICS business transaction service (BTS) process of which the user task formed part.
zPRCSTYPE	CHAR	8	ID=201 (DFHCBTS) The process-type of the CICS BTS process of which the user task formed part.
zPRCSID	CHAR	52	ID=202 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYID	CHAR	52	ID=203 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYNM	CHAR	16	ID=204 (DFHCBTS) The name of the CICS BTS activity that the user task implemented.
zCLIPADDR	CHAR	40	ID=318 (DFH SOCK) The IP address of the client or Telnet client.
zTRNGRPID	CHAR	28	ID=082 (DFHTASK) The transaction group ID is assigned at transaction attach time, and can be used to correlate the transactions that CICS runs for the same incoming work request. For example, the CWXN and CWBA transactions for Web requests.
zNETID	CHAR	8	ID=197 (DFHTERM) NETID if a network qualified name has been received from the Communications Server. If it is a resource and the network qualified name has not yet been received, NETID is 8 blanks. In all other cases, it is nulls.
zRLUNAME	CHAR	8	ID=198 (DFHTERM) Real network name if a network qualified name has been received from the Communications Server.
zTCPSRVCE	CHAR	8	ID=245 (DFH SOCK) The TCP/IP service name that attached the user task.
zPORTNUM	INT	4	ID=246 (DFH SOCK) The TCP/IP port number of the TCP/IP service that attached the user task.
zOTSTID	CHAR	128	ID=194 (DFHTASK) This field is the first 128 bytes of the Object Transaction Service (OTS) Transaction ID (TID).
zCLIPPORT	INT	4	ID=330 (DFH SOCK) The TCP/IP port number of the originating client or Telnet client.
zISIPICNM	CHAR	8	ID=305 (DFH SOCK) The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zONETWKID	CHAR	8	ID=359 (DFHCICS) The network identifier from which this work request (transaction) originated.
zOAPPLID	CHAR	8	ID=360 (DFHCICS) The APPLID of the CICS region in which this work request (transaction) originated. For example, the region in which the CWXN task ran.
zOSTART	TSTMP	8	ID=361 (DFHCICS) The time at which the originating task, for example the CWXN task, was started.
zOTRANNUM	DEC	4 (7,0)	ID=362 (DFHCICS) The number of the originating task. For example, the CWXN task.
zOTRAN	CHAR	4	ID=363 (DFHCICS) The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zOUSERID	CHAR	8	ID=364 (DFHCICS) The originating Userid-2 or Userid-1, for example from CWBA, depending on the originating task.
zOUSERCOR	CHAR	64	ID=365 (DFHCICS) The originating user correlator.
zOTCPSVCE	CHAR	8	ID=366 (DFHCICS) The name of the originating TCPIP SERVICE.
zOPORTNUM	INT	4	ID=367 (DFHCICS) The port number used by the originating TCPIP SERVICE.
zOCLIPADR	CHAR	40	ID=372 (DFHCICS) The IP address of the originating client or Telnet client.

zOCLIPORT	INT	4	ID=369 (DFHCICS) The TCP/IP port number of the originating client or Telnet client.
-----------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.<fieldname>

zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCR2.zOTRANFLG.<fieldname>			
zOFCTYNME	CHAR	8	ID=371 (DFHCICS) The facility name of the originating transaction.
zWBURIMNM	CHAR	8	ID=380 (DFHWEBB) For CICS web support, Atom feeds, and web service applications, the name of the URIMAP resource definition that was mapped to the URI of the inbound request that was processed by this task.
zWBPIPLNM	CHAR	8	ID=381 (DFHWEBB) For web service applications, the name of the PIPELINE resource definition that was used to provide information about the message handlers that act on the service request processed by this task.
zWBATMSNM	CHAR	8	ID=382 (DFHWEBB) For Atom feeds, the name of the ATOMSERVICE resource definition that was used to process this task.
zWBSVCENM	CHAR	32	ID=383 (DFHWEBB) For web service applications, the name of the WEBSERVICE resource definition that was used to process this task.
zWBSVOPNM	CHAR	64	ID=384 (DFHWEBB) For web service applications, the first 64 bytes of the web service operation name.
zWBPROGNM	CHAR	8	ID=385 (DFHWEBB) For CICS web support, the name of the program from the URIMAP resource definition that was used to provide the application-generated response to the HTTP request processed by this task.
zPHNTWKID	CHAR	8	ID=373 (DFHCICS) The network identifier of the CICS system of an immediately previous task in another CICS system with which this task is associated.
zPHAPPLID	CHAR	8	ID=374 (DFHCICS) The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHSTART	TSTMP	8	ID=375 (DFHCICS) The start time of the immediately previous task in another CICS system with which this task is associated.
zPHTRANNO	DEC	4 (7,0)	ID=376 (DFHCICS) The task number of the immediately previous task in another CICS system with which this task is associated.
zPHTRAN	CHAR	4	ID=377 (DFHCICS) The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHCOUNT	INT	4	ID=378 (DFHCICS) The number of times there has been a request from one CICS system to another CICS system to initiate a task with which this task is associated.
zOADID	CHAR	64	ID=351 (DFHCICS) The adapter identifier added to the origin data by the adapter.
zOADATA1	CHAR	64	ID=352 (DFHCICS) The data added to the origin data by the adapter.
zOADATA2	CHAR	64	ID=353 (DFHCICS) The data added to the origin data by using the adapter.
zOADATA3	CHAR	64	ID=354 (DFHCICS) The data added to the origin data by the adapter.
zSOCIPHER	HEX	4	ID=320 (DFH SOCK) Identifies the code for the cipher suite that was selected during the SSL handshake for use on the inbound connection, for example X'0000002F'.
zCECMCHTP	CHAR	4	ID=430 (DFHTASK) The CEC machine type, in EBCDIC, for the physical hardware environment where the CICS region is running.
zCECMDLID	CHAR	16	ID=431 (DFHTASK) The CEC model number, in EBCDIC, for the physical hardware environment where the CICS region is running.
zMAXTASKS	INT	4	ID=433 (DFHTASK) The MXT or MAXTASKS value, expressed as a number of tasks, for the CICS region at the time the user task was attached.
zCURTASKS	INT	4	ID=434 (DFHTASK) The current number of active user transactions in the system at the time the user task was attached.
zACAPPLNM	CHAR	64	ID=451 (DFHTASK) The 64-character name of the application in the application context data.
zACPLATNM	CHAR	64	ID=452 (DFHTASK) The 64-character name of the platform in the application context data.
zACMAJVER	INT	4	ID=453 (DFHTASK) The major version of the application in the application context data, expressed as a 4-byte binary value.

zACMINVER	INT	4	ID=454 (DFHTASK) The minor version of the application in the application context data, expressed as a 4-byte binary value.
zACMICVER	INT	4	ID=455 (DFHTASK) The micro version of the application in the application context data, expressed as a 4-byte binary value.
zACOPERNM	CHAR	64	ID=456 (DFHTASK) The 64-character name of the operation in the application context data.

SMF110#01_Performance_Class_ADP1_PCR2.zTASKFLAG.<fieldname>

zClockErr	BIT	1	Detected an attempt either to start a user clock that was already running or to stop one that was not running.
-----------	-----	---	--

SMF110#01_Performance_Class_ADP1_PCR2.<fieldname>

zABCODEO	CHAR	4	ID=113 (DFHPROG) Original abend code.
zABCODEC	CHAR	4	ID=114 (DFHPROG) Current abend code.
zRTYPE	CHAR	4	ID=112 (DFHCICS) Performance record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTCMSGIN1	INT	4	ID=034 (DFHTERM) Number of messages received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHRIN1	INT	4	ID=083 (DFHTERM) Number of characters received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGOU1	INT	4	ID=035 (DFHTERM) Number of messages sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHROU1	INT	4	ID=084 (DFHTERM) Number of characters sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGIN2	INT	4	ID=067 (DFHTERM) Number of messages received from the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHRIN2	INT	4	ID=085 (DFHTERM) Number of characters received from the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCMSGOU2	INT	4	ID=068 (DFHTERM) Number of messages sent to the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHROU2	INT	4	ID=086 (DFHTERM) Number of characters sent to the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCM62IN2	INT	4	ID=135 (DFHTERM) Number of messages received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62IN2	INT	4	ID=137 (DFHTERM) Number of characters received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCM62OU2	INT	4	ID=136 (DFHTERM) Number of messages sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62OU2	INT	4	ID=138 (DFHTERM) Number of characters sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCALLOCT	INT	4	ID=069 (DFHTERM) Number of TCTTE ALLOCATE requests issued by the user task for LUTYPE6.2 (APPC), LUTYPE6.1, and IRC sessions.
zSCUGETCT_Below	INT	4	ID=054 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the UDSA.
zSCUGETCT_Above	INT	4	ID=105 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the extended user dynamic storage area (EUDSA).
zSCCGETCT_Below	INT	4	ID=117 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the CDSA.
zSCCGETCT_Above	INT	4	ID=120 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the ECDSA.

zSCUSRHWM_Below	INT	4	ID=033 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the user dynamic storage area (UDSA).
zSCUSRHWM_Above	INT	4	ID=106 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the EUDSA.
zSC24CHWM	INT	4	ID=116 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zSC31CHWM	INT	4	ID=119 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zSCUSRSTG_Below	INT	8	ID=095 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the UDSA. This measures the area under the curve of storage in use against elapsed time.
zSCUSRSTG_Above	INT	8	ID=107 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the EUDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24COCC	INT	8	ID=118 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the CDSA. This measures the area under the curve of storage in use against elapsed time.
zSC31COCC	INT	8	ID=121 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24SGCT	INT	4	ID=144 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage below the 16 MB line, in the CDSA or SDSA.
zSC24GSHR	INT	4	ID=145 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC24FSHR	INT	4	ID=146 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC31SGCT	INT	4	ID=147 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the 16 MB line, in the ECDSA or ESDSA.
zSC31GSHR	INT	4	ID=148 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC31FSHR	INT	4	ID=149 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC64CGCT	INT	4	ID=441 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the CICS dynamic storage area (GCDSA).
zSC64CHWM	INT	4	ID=442 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
zSC64UGCT	INT	4	ID=443 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the user dynamic storage area (GUDSA).
zSC64UHWM	INT	4	ID=444 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
zSC64SGCT	INT	4	ID=445 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the bar, in the GCDSA or GSDSA.
zSC64GSHR	INT	4	ID=446 (DFHSTOR) Amount of shared storage obtained by the user task by using a GETMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zSC64FSHR	INT	4	ID=447 (DFHSTOR) Amount of shared storage released by the user task by using a FREEMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.

zPCSTGHWM	INT	4	ID=087 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task both above and below the 16 MB line.
zPC31AHWM	INT	4	ID=139 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line.
zPC24BHWM	INT	4	ID=108 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line.
zPC31CHWM	INT	4	ID=142 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zPC24CHWM	INT	4	ID=143 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zPC31RHWM	INT	4	ID=122 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended read-only dynamic storage area (ERDSA).
zPC24RHWM	INT	4	ID=162 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the read-only dynamic storage area (RDSA).
zPC31SHWM	INT	4	ID=161 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended shared dynamic storage area (ESDSA).
zPC24SHWM	INT	4	ID=160 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the shared dynamic storage area (SDSA).
zFCGETCT	INT	4	ID=036 (DFHFILE) Number of file GET requests issued by the user task.
zFCPUTCT	INT	4	ID=037 (DFHFILE) Number of file PUT requests issued by the user task.
zFCBRWCT	INT	4	ID=038 (DFHFILE) Number of file browse requests issued by the user task. This number excludes the START and END browse requests.
zFCADDCT	INT	4	ID=039 (DFHFILE) Number of file ADD requests issued by the user task.
zFCDELCT	INT	4	ID=040 (DFHFILE) Number of file DELETE requests issued by the user task.
zFCTOTCT	INT	4	ID=093 (DFHFILE) Total number of file control requests issued by the user task. This number excludes any request for OPEN, CLOSE, ENABLE, or DISABLE of a file.
zFCAMCT	INT	4	ID=070 (DFHFILE) Number of times the user task invoked file access-method interfaces. This number excludes requests for OPEN and CLOSE.
zTDGETCT	INT	4	ID=041 (DFHDEST) Number of transient data GET requests issued by the user task.
zTDPUTCT	INT	4	ID=042 (DFHDEST) Number of transient data PUT requests issued by the user task.
zTDPURCT	INT	4	ID=043 (DFHDEST) Number of transient data PURGE requests issued by the user task.
zTDTOTCT	INT	4	ID=091 (DFHDEST) Total number of transient data requests issued by the user task.
zTSGETCT	INT	4	ID=044 (DFHTEMP) Number of temporary storage GET requests to auxiliary or main temporary storage issued by the user task.
zTSPUACT	INT	4	ID=046 (DFHTEMP) Number of PUT requests to auxiliary temporary storage issued by the user task.
zTSPUMCT	INT	4	ID=047 (DFHTEMP) Number of PUT requests to main temporary storage issued by the user task.
zTSGETSCT	INT	4	ID=460 (DFHTEMP) Number of temporary storage GET requests from shared temporary storage issued by the user task.
zTSPUSCT	INT	4	ID=461 (DFHTEMP) Number of temporary storage PUT requests to shared temporary storage issued by the user task.
zTSTOTCT	INT	4	ID=092 (DFHTEMP) Total number of temporary storage requests issued by the user task.

zBMSMAPCT	INT	4	ID=050 (DFHMAPP) Number of BMS MAP requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that did not incur a terminal I/O, and the number of RECEIVE MAP FROM requests.
zBMSINCT	INT	4	ID=051 (DFHMAPP) Number of BMS IN requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that incurred a terminal I/O.
zBMSOUTCT	INT	4	ID=052 (DFHMAPP) Number of BMS OUT requests issued by the user task. This field corresponds to the number of SEND MAP requests.
zBMSTOTCT	INT	4	ID=090 (DFHMAPP) Total number of BMS requests issued by the user task.
zPCLINKCT	INT	4	ID=055 (DFHPROG) Number of program LINK and INVOKE APPLICATION requests issued by the user task, including the link to the first program of the user task.
zPCXCTLCT	INT	4	ID=056 (DFHPROG) Number of program XCTL requests issued by the user task.
zPCLOADCT	INT	4	ID=057 (DFHPROG) Number of program LOAD requests issued by the user task.
zPCLURMCT	INT	4	ID=072 (DFHPROG) Number of program LINK URM (user-replaceable module) requests issued by, or on behalf of, the user task.
zPCDPLCT	INT	4	ID=073 (DFHPROG) Number of distributed program link (DPL) requests issued by the user task.
zPCDLCSDL	INT	4	ID=286 (DFHPROG) The total length, in bytes, of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCDLCRDL	INT	4	ID=287 (DFHPROG) The total length, in bytes, of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task.
zPCLNKCCT	INT	4	ID=306 (DFHPROG) Number of local program LINK and INVOKE APPLICATION requests, with the CHANNEL option, issued by the user task.
zPCXCLCCT	INT	4	ID=307 (DFHPROG) Number of program XCTL requests issued with the CHANNEL option by the user task.
zPCDPLCCT	INT	4	ID=308 (DFHPROG) Number of program distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCRTNCCT	INT	4	ID=309 (DFHPROG) Number of remote pseudoconversational RETURN requests, with the CHANNEL option, issued by the user task.
zPCRTNCDL	INT	4	ID=310 (DFHPROG) The total length, in bytes, of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task.
zJNLWRTCT	INT	4	ID=058 (DFHJOUR) Number of journal write requests issued by the user task.
zLOGWRTCT	INT	4	ID=172 (DFHJOUR) Number of CICS log stream write requests issued by the user task.
zICPUINCT	INT	4	ID=059 (DFHTASK) Number of interval control START or INITIATE requests during the user task.
zICTOTCT	INT	4	ID=066 (DFHTASK) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zICSTACCT	INT	4	ID=065 (DFHTASK) Total number of local interval control START requests, with the CHANNEL option, issued by the user task.
zICSTACDL	INT	4	ID=345 (DFHTASK) Total length, in bytes, of the data in the containers of all the locally executed START CHANNEL requests issued by the user task.
zICSTRCCT	INT	4	ID=346 (DFHTASK) Total number of interval control START CHANNEL requests, to be run on remote systems, issued by the user task.
zICSTRCDL	INT	4	ID=347 (DFHTASK) Total length, in bytes, of the data in the containers of all the remotely executed START CHANNEL requests issued by the user task.
zSPSYNCCT	INT	4	ID=060 (DFHSYNC) Number of SYNCPOINT requests issued during the user task.

zCFCAPICT	INT	4	ID=025 (DFHCICS) Number of CICS OO foundation class requests, including the Java API for CICS (JCICS) classes, issued by the user task.
zSZALLOCT	INT	4	ID=150 (DFHFEPI) Number of conversations allocated by the user task. This number is incremented for each FEPI ALLOCATE POOL or FEPI CONVERSE POOL.
zSZRCVCT	INT	4	ID=151 (DFHFEPI) Number of FEPI RECEIVE requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSENDCT	INT	4	ID=152 (DFHFEPI) Number of FEPI SEND requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSTRCT	INT	4	ID=153 (DFHFEPI) Number of FEPI START requests made by the user task.
zSZCHROUT	INT	4	ID=154 (DFHFEPI) Number of characters sent through FEPI by the user task.
zSZCHRIN	INT	4	ID=155 (DFHFEPI) Number of characters received through FEPI by the user task.
zSZALLCTO	INT	4	ID=157 (DFHFEPI) Number of times the user task timed out while waiting to allocate a conversation.
zSZRCVTO	INT	4	ID=158 (DFHFEPI) Number of times the user task timed out while waiting to receive data.
zSZTOTCT	INT	4	ID=159 (DFHFEPI) Total number of all FEPI API and SPI requests made by the user task.
zBARSYNCT	INT	4	ID=205 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity synchronously.
zBARASYCT	INT	4	ID=206 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity asynchronously.
zBALKPACT	INT	4	ID=207 (DFHCBTS) The number of CICS BTS link process, or link activity, requests that the user task issued.
zBADPROCT	INT	4	ID=208 (DFHCBTS) The number of CICS BTS define process requests issued by the user task.
zBADACTCT	INT	4	ID=209 (DFHCBTS) The number of CICS BTS define activity requests issued by the user task.
zBARSPACT	INT	4	ID=210 (DFHCBTS) The number of CICS BTS reset process and reset activity requests issued by the user task.
zBASUPACT	INT	4	ID=211 (DFHCBTS) The number of CICS BTS suspend process, or suspend activity, requests issued by the user task.
zBARMPACT	INT	4	ID=212 (DFHCBTS) The number of CICS BTS resume process, or resume activity, requests issued by the user task.
zBADCPACT	INT	4	ID=213 (DFHCBTS) The number of CICS BTS delete activity, cancel process, or cancel activity, requests issued by the user task.
zBAACQPCT	INT	4	ID=214 (DFHCBTS) The number of CICS BTS acquire process, or acquire activity, requests issued by the user task.
zBATOTPCT	INT	4	ID=215 (DFHCBTS) Total number of CICS BTS process and activity requests issued by the user task.
zBAPRDCCT	INT	4	ID=216 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for process data containers issued by the user task.
zBAACDCCT	INT	4	ID=217 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for current activity data containers issued by the user task.
zBATOTCCT	INT	4	ID=218 (DFHCBTS) Total number of CICS BTS delete, get, move, or put, process container and activity container requests issued by the user task.
zBARATECT	INT	4	ID=219 (DFHCBTS) The number of CICS BTS retrieve-reattach event requests issued by the user task.
zBADFIECT	INT	4	ID=220 (DFHCBTS) The number of CICS BTS define-input event requests issued by the user task.
zBATIAECT	INT	4	

			ID=221 (DFHCBTS) The number of CICS BTS DEFINE TIMER EVENT, CHECK TIMER EVENT, DELETE TIMER EVENT, and FORCE TIMER EVENT requests issued by the user task.
zBATOTECT	INT	4	ID=222 (DFHCBTS) Total number of CICS BTS event-related requests issued by the user task.
zWBRCVCT	INT	4	ID=231 (DFHWEBB) The number of CICS web support RECEIVE requests issued by the user task.
zWBCHRIN	INT	4	ID=232 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE requests issued by the user task.
zWBSENDCT	INT	4	ID=233 (DFHWEBB) The number of CICS web support SEND requests issued by the user task.
zWBCHROUT	INT	4	ID=234 (DFHWEBB) The number of bytes sent by the CICS web support SEND requests issued by the user task.
zWBTOTCT	INT	4	ID=235 (DFHWEBB) The total number of CICS web support requests issued by the user task.
zWBREPRCT	INT	4	ID=236 (DFHWEBB) The number of reads from the repository in temporary storage issued by the user task.
zWBREPWCT	INT	4	ID=237 (DFHWEBB) The number of writes to the repository in temporary storage issued by the user task.
zWBEXTRCT	INT	4	ID=238 (DFHWEBB) The number of CICS web support EXTRACT requests issued by the user task.
zWBBRWCT	INT	4	ID=239 (DFHWEBB) The number of CICS web support browsing requests for HTTPHEADER, FORMFIELD, and QUERYPARM (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task.
zWBREADCT	INT	4	ID=224 (DFHWEBB) The number of CICS web support READ HTTPHEADER, READ FORMFIELD, and READ QUERYPARM requests issued by the user task.
zWBWRITCT	INT	4	ID=225 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task.
zDHCRECT	INT	4	ID=226 (DFHDOCH) The number of document handler CREATE requests issued by the user task.
zDHINSCT	INT	4	ID=227 (DFHDOCH) The number of document handler INSERT requests issued by the user task.
zDHSETCT	INT	4	ID=228 (DFHDOCH) The number of document handler SET requests issued by the user task.
zDHRETCT	INT	4	ID=229 (DFHDOCH) The number of document handler RETRIEVE requests issued by the user task.
zDHDELCT	INT	4	ID=223 (DFHDOCH) The number of document handler DELETE requests issued by the user task.
zDHTOTCT	INT	4	ID=230 (DFHDOCH) The total number of document handler requests issued by the user task.
zDHTOTDCL	INT	4	ID=240 (DFHDOCH) The total length of all documents created by the user task.
zSOBYENCT	INT	4	ID=242 (DFH SOCK) The number of bytes encrypted by the secure sockets layer for the user task.
zSOBYDECT	INT	4	ID=243 (DFH SOCK) The number of bytes decrypted by the secure sockets layer for the user task.
zSOEXTRCT	INT	4	ID=289 (DFH SOCK) The number of EXTRACT TCP/IP and EXTRACT CERTIFICATE requests issued by the user task.
zSOCNPST	INT	4	ID=290 (DFH SOCK) The total number of requests made by the user task to create a nonpersistent outbound socket.
zSOCPSCT	INT	4	ID=291 (DFH SOCK) The total number of requests made by the user task to create a persistent outbound socket.
zSONPSHWM	INT	4	ID=292 (DFH SOCK) The peak number of nonpersistent outbound sockets owned by the user task.
zSOPSHWM	INT	4	ID=293 (DFH SOCK) The peak number of persistent outbound sockets owned by the user task.

zSORCVCT	INT	4	ID=294 (DFH SOCK) The total number of receive requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHRIN	INT	4	ID=295 (DFH SOCK) The total number of bytes received on outbound sockets by the user task
zSOSENDCT	INT	4	ID=296 (DFH SOCK) The total number of send requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHROUT	INT	4	ID=297 (DFH SOCK) The total number of bytes sent on outbound sockets by the user task.
zSOTOTCT	INT	4	ID=298 (DFH SOCK) The total number of socket requests issued by the user task.
zSOMSGIN1	INT	4	ID=301 (DFH SOCK) The number of inbound socket receive requests issued by the user task.
zSOCHRIN1	INT	4	ID=302 (DFH SOCK) The number of characters received by inbound socket receive requests issued by the user task.
zSOMSGOU1	INT	4	ID=303 (DFH SOCK) The number of inbound socket send requests issued by the user task.
zSOCHROU1	INT	4	ID=304 (DFH SOCK) The number of characters sent by inbound socket send requests issued by the user task.
zIMSREQCT	INT	4	ID=179 (DFH DATA) The number of IMS (DBCTL) requests issued by the user task.
zDB2REQCT	INT	4	ID=180 (DFH DATA) The total number of Db2 EXEC SQL and Instrumentation Facility Interface (IFI) requests issued by the user task.
zWMQREQCT	INT	4	ID=395 (DFH DATA) The total number of WebSphere MQ requests issued by the user task.
zTCBATTCT	INT	4	ID=251 (DFH TASK) The number of CICS TCBS attached by or on behalf of the user task.
zDSTCBHWM	INT	4	ID=252 (DFH TASK) The peak number of CICS open TCBS (in TCB modes L8, L9, S8, T8, X8, and X9) that have been concurrently allocated to the user task.
zWBREDOCT	INT	4	ID=331 (DFH WEBB) The number of CICS web support READ HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBWRTOCT	INT	4	ID=332 (DFH WEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBRCVIN1	INT	4	ID=333 (DFH WEBB) The number of CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHRIN1	INT	4	ID=334 (DFH WEBB) The number of bytes received by the CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBSNDOU1	INT	4	ID=335 (DFH WEBB) The number of CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHROU1	INT	4	ID=336 (DFH WEBB) The number of bytes sent by the CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBPARSCT	INT	4	ID=337 (DFH WEBB) The number of CICS web support PARSE URL requests issued by the user task.
zWBRRWOCT	INT	4	ID=338 (DFH WEBB) The number of CICS web support BROWSE HTTPHEADER requests (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task when CICS is an HTTP client.
zWBIWBSCT	INT	4	ID=340 (DFH WEBB) The number of EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE requests issued by the user task.
zWBREPRDL	INT	4	ID=341 (DFH WEBB) The total length, in bytes, of the data read from the repository in temporary storage by the user task.
zWBREPWDL	INT	4	ID=342 (DFH WEBB) The total length, in bytes, of the data written to the repository in temporary storage by the user task.

zPGTOTCCT	INT	4	ID=321 (DFHCHNL) The number of CICS requests for channel containers issued by the user task.
zPGBRWCCT	INT	4	ID=322 (DFHCHNL) The number of CICS browse requests for channel containers issued by the user task.
zPGGETCCT	INT	4	ID=323 (DFHCHNL) The number of GET CONTAINER and GET64 CONTAINER requests for channel containers issued by the user task.
zPGPUTCCT	INT	4	ID=324 (DFHCHNL) The number of PUT CONTAINER and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGMOVCCT	INT	4	ID=325 (DFHCHNL) The number of MOVE CONTAINER requests for channel containers issued by the user task.
zPGGETCDL	INT	4	ID=326 (DFHCHNL) The total length, in bytes, of the data in the containers of all the GET CONTAINER CHANNEL and GET64 CONTAINER CHANNEL commands issued by the user task.
zPGPUTCDL	INT	4	ID=327 (DFHCHNL) The total length, in bytes, of the data in the containers of all the PUT CONTAINER CHANNEL and PUT64 CONTAINER CHANNEL commands issued by the user task.
zPGCRECCT	INT	4	ID=328 (DFHCHNL) The number of containers created by MOVE, PUT CONTAINER, and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGCSTHWM	INT	4	ID=329 (DFHCHNL) Maximum amount (high-water mark), in bytes, of container storage allocated to the user task.
zISALLOCT	INT	4	ID=288 (DFH SOCK) The number of allocate session requests issued by the user task for sessions using IPIC.
zEICTOTCT	INT	4	ID=402 (DFHCICS) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zECSIGECT	INT	4	ID=415 (DFHCICS) The number of EXEC CICS SIGNAL EVENT commands issued by the user task.
zECEFOPT	INT	4	ID=416 (DFHCICS) The number of event filter operations performed by the user task.
zECEVNTCT	INT	4	ID=417 (DFHCICS) The number of events captured by the user task.
zECSEVCCT	INT	4	ID=418 (DFHCICS) The number of synchronous emission events captured by the user task.
zTIASKTCT	INT	4	ID=405 (DFHCICS) The number of EXEC CICS ASKTIME commands issued by the user task.
zTITOTCT	INT	4	ID=406 (DFHCICS) The total number of EXEC CICS ASKTIME, CONVERTTIME, and FORMATTIME commands issued by the user task.
zBFDGSTCT	INT	4	ID=408 (DFHCICS) The total number of EXEC CICS BIF DIGEST commands issued by the user task.
zBFTOTCT	INT	4	ID=409 (DFHCICS) The total number of EXEC CICS BIF DEEDIT and BIF DIGEST commands issued by the user task.
zMLXSSTDL	INT	4	ID=412 (DFHWEBB) The total length of the documents that were parsed using the z/OS XML System Services parser.
zMLXMLTCT	INT	4	ID=413 (DFHWEBB) The number of EXEC CICS TRANSFORM commands issued by the user task.
zWSACBLCT	INT	4	ID=420 (DFHWEBB) The number of EXEC CICS WSACONTEXT BUILD commands issued by the user task.
zWSACGTCT	INT	4	ID=421 (DFHWEBB) The number of EXEC CICS WSACONTEXT GET commands issued by the user task.
zWSAEPCT	INT	4	ID=422 (DFHWEBB) The number of EXEC CICS WSAEPR CREATE commands issued by the user task.
zWSATOTCT	INT	4	ID=423 (DFHWEBB) The total number of EXEC CICS WS-Addressing commands issued by the user task.
zWBSFCRCT	INT	4	ID=386 (DFHWEBB) The number of EXEC CICS SOAPFAULT CREATE commands issued by the user task.
zWBSFTOCT	INT	4	ID=387 (DFHWEBB) The total number of EXEC CICS SOAPFAULT ADD, CREATE, and DELETE commands issued by the user task.

zWBISSFCT	INT	4	ID=388 (DFHWEBB) The total number of SOAP faults received in response to the EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE commands issued by the user task.
zWBSREQBL	INT	4	ID=390 (DFHWEBB) For web service applications, the SOAP request body length.
zWBSRSPBL	INT	4	ID=392 (DFHWEBB) For web service applications, the SOAP response body length.
zWBJSNRQL	INT	4	ID=424 (DFHWEBB) For JSON web service applications, the JSON message request length.
zWBJSNRPL	INT	4	ID=425 (DFHWEBB) For JSON web service applications, the JSON message response length.
zMPPRTXCD	INT	4	ID=449 (DFHCICS) The number of policy task rule thresholds that this task has exceeded.
zNCGETCT	INT	4	ID=464 (DFHCICS) The total number of requests to a named counter server to satisfy EXEC CICS GET COUNTER and EXEC CICS GET DCOUNTER commands issued by the user task.

SMF110#01_Performance_Class_ADP1_PCR2.zUSRDISPT.<fieldname>

zUSRDISPT_S	TIME	8	Total elapsed time during which the user task was dispatched on each CICS TCB under which the task ran.
zUSRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zUSRCPUT.<fieldname>

zUSRCPUT_S	TIME	8	Processor time for which the user task was dispatched on each CICS TCB under which the task ran.
zUSRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zCPUTONCP.<fieldname>

zCPUTONCP_S	TIME	8	The total task processor time on a standard processor for which the user task was dispatched on each CICS TCB under which the task ran.
zCPUTONCP_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zOFFLCPUT.<fieldname>

zOFFLCPUT_S	TIME	8	The total task processor time that was spent on a standard processor but was eligible for offload to a specialty processor (zIIP or zAAP).
zOFFLCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zSUSPTIME.<fieldname>

zSUSPTIME_S	TIME	8	Total elapsed wait time for which the user task was suspended by the dispatcher.
zSUSPTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDISPWTT.<fieldname>

zDISPWTT_S	TIME	8	Elapsed time for which the user task waited for redispach. This time is the aggregate of the wait times between each event completion and user-task redispach.
zDISPWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zQRDISPT.<fieldname>

zQRDISPT_S	TIME	8	The elapsed time for which the user task was dispatched on the CICS QR TCB.
zQRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zQRCPUT.<fieldname>			
zQRCPUT_S	TIME	8	The processor time for which the user task was dispatched on the CICS QR TCB.
zQRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zMSDISPT.<fieldname>			
zMSDISPT_S	TIME	8	Elapsed time for which the user task was dispatched on each CICS TCB.
zMSDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zMSCPUT.<fieldname>			
zMSCPUT_S	TIME	8	The processor time for which the user task was dispatched on each CICS TCB.
zMSCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zRODISPT.<fieldname>			
zRODISPT_S	TIME	8	The elapsed time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zRODISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zROCPUT.<fieldname>			
zROCPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zROCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zKY8DISPT.<fieldname>			
zKY8DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zKY8CPUT.<fieldname>			
zKY8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zKY9DISPT.<fieldname>			
zKY9DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zKY9CPUT.<fieldname>			
zKY9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zL8CPUT.<fieldname>			
--	--	--	--

zL8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L8 mode TCB.
zL8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zL9CPUT.<fieldname>

zL9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L9 mode TCB.
zL9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zS8CPUT.<fieldname>

zS8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS S8 mode TCB.
zS8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zX8CPUT.<fieldname>

zX8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X8 mode TCB.
zX8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zX9CPUT.<fieldname>

zX9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X9 mode TCB.
zX9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zT8CPUT.<fieldname>

zT8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS T8 mode TCB.
zT8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zQRMODDLY.<fieldname>

zQRMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS QR mode TCB.
zQRMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zMXTOTDLY.<fieldname>

zMXTOTDLY_S	TIME	8	The elapsed time in which the user task waited to obtain a CICS L8 or L9 mode open TCB, because the region had reached the limit set by CICS for these TCBs.
zMXTOTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zMAXXTDLY.<fieldname>

zMAXXTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS XP TCB (X8 or X9 mode), because the CICS system reached the limit set by CICS for these types of TCB.
zMAXXTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zMAXSTDLY.<fieldname>

zMAXSTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system reached the limit set by the system initialization parameter MAXSSLTCBS.
-------------	------	---	--

zMAXSTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR2.zMAXTTDLY.<fieldname>

zMAXTTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a T8 TCB, because the CICS system reached the limit of available threads.
zMAXTTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDSTCBMWT.<fieldname>

zDSTCBMWT_S	TIME	8	The elapsed time that the user task spent in TCB mismatch waits. That is, waiting because no available TCB matched the request, but at least one non matching TCB was free.
zDSTCBMWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDSCHMDLY.<fieldname>

zDSCHMDLY_S	TIME	8	The elapsed time in which the user task waited for redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task.
zDSCHMDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zEXWTTIME.<fieldname>

zEXWTTIME_S	TIME	8	The total elapsed time for which the user waited on exception conditions.
zEXWTTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zTCIOWTT.<fieldname>

zTCIOWTT_S	TIME	8	Elapsed time for which the user task waited for input from the terminal operator after issuing a RECEIVE request.
zTCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zFCIOWTT.<fieldname>

zFCIOWTT_S	TIME	8	Elapsed time in which the user task waited for file I/O.
zFCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zFCXCWTT.<fieldname>

zFCXCWTT_S	TIME	8	The elapsed time in which the user task waited for exclusive control of a VSAM control interval.
zFCXCWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zFCVSWTT.<fieldname>

zFCVSWTT_S	TIME	8	The elapsed time in which the user task waited for a VSAM string.
zFCVSWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zJCIOWTT.<fieldname>

zJCIOWTT_S	TIME	8	Elapsed time for which the user task waited for journal (logstream) I/O.
zJCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zTSIOWTT.<fieldname>

zTSIOWTT_S	TIME	8	Elapsed time for which the user task waited for VSAM temporary storage I/O.
zTSIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zIRIOWTT.<fieldname>

zIRIOWTT_S	TIME	8	Elapsed time for which the user task waited for control at this end of an MRO link.
------------	------	---	---

zIRIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR2.zTDIOWTT.<fieldname>

zTDIOWTT_S	TIME	8	Elapsed time in which the user waited for VSAM transient data I/O.
zTDIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zPCLOADTM.<fieldname>

zPCLOADTM_S	TIME	8	Elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations.
zPCLOADTM_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDSPDELAY.<fieldname>

zDSPDELAY_S	TIME	8	The elapsed time waiting for first dispatch.
zDSPDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCR2.zTCLDELAY.<fieldname>

zTCLDELAY_S	TIME	8	The elapsed time waiting for first dispatch, which was delayed because of the limits set for the transaction class of this transaction (zTCLSNM) being reached.
zTCLDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCR2.zMXTDELAY.<fieldname>

zMXTDELAY_S	TIME	8	The elapsed time waiting for the first dispatch, which was delayed because of the limits set by the system parameter, MXT, being reached.
zMXTDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCR2.zENQDELAY.<fieldname>

zENQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control local enqueue.
zENQDELAY_N	INT	3	The number of local enqueues.

SMF110#01_Performance_Class_ADP1_PCR2.zGNQDELAY.<fieldname>

zGNQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control global enqueue.
zGNQDELAY_N	INT	3	The number of global enqueues.

SMF110#01_Performance_Class_ADP1_PCR2.zLU61WTT.<fieldname>

zLU61WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.1 connection or session.
zLU61WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zLU62WTT.<fieldname>

zLU62WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.2 (APPC) connection or session.
zLU62WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSZWAIT.<fieldname>

zSZWAIT_S	TIME	8	Elapsed time in which the user task waited for all FEPI services.
zSZWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRMITIME.<fieldname>

zRMITIME_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRMISUSP.<fieldname>			
zRMISUSP_S	TIME	8	The total elapsed time that the task was suspended by the CICS dispatcher while in the CICS Resource Manager Interface (RMI).
zRMISUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSYNCTIME.<fieldname>			
zSYNCTIME_S	TIME	8	Total elapsed time for which the user task was dispatched and was processing syncpoint requests.
zSYNCTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRLSWAIT.<fieldname>			
zRLSWAIT_S	TIME	8	Elapsed time in which the user task waited for RLS file I/O.
zRLSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRLSCLPUT.<fieldname>			
zRLSCLPUT_S	TIME	8	For RLS requests issued only from the QR TCB, this value is the RLS File Request SRB CPU time that this transaction spent processing RLS file requests.
zRLSCLPUT_N	INT	3	Count of the number of time periods contributing to the total CPU SRB processor time.

SMF110#01_Performance_Class_ADP1_PCR2.zLMDELAY.<fieldname>			
zLMDELAY_S	TIME	8	The elapsed time that the user task waited to acquire a lock on a resource.
zLMDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zWTXWAIT.<fieldname>			
zWTXWAIT_S	TIME	8	The elapsed time that the user task waited for one or more ECBs, passed to CICS by the user task using the EXEC CICS WAIT EXTERNAL ECBLIST command, to be posted by the MVS POST command.
zWTXWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zWTCEWAIT.<fieldname>			
zWTCEWAIT_S	TIME	8	The elapsed time that the user task waited for one of these events: 1. One or more ECBs, passed to CICS by the user task using the EXEC CICS WAITCICS ECBLIST command, to be posted by the MVS POST command. 2. Completion of an event initiated by the same or by another user task.
zWTCEWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zICDELAY.<fieldname>			
zICDELAY_S	TIME	8	The elapsed time that the user task waited as a result of issuing one of the following commands: 1. An interval control EXEC CICS DELAY command for a specified time interval. 2. An interval control EXEC CICS DELAY command for a specified time of day to expire. 3. An interval control EXEC CICS RETRIEVE command with the WAIT option specified.
zICDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zGVUPWAIT.<fieldname>			
zGVUPWAIT_S	TIME	8	The elapsed time that the user task waited as a result of giving up control to another task.
zGVUPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zTSSHWAIT.<fieldname>			
zTSSHWAIT_S	TIME	8	Elapsed time that the user task waited for an asynchronous shared temporary storage request to a temporary storage data server to complete.

zTSSHWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCR2.zCFDWAIT.<fieldname>

zCFDWAIT_S	TIME	8	The elapsed time in which the user task waited for a data table access request to the Coupling Facility Data Table server to complete.
zCFDWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSRVSYWTT.<fieldname>

zSRVSYWTT_S	TIME	8	Total elapsed time in which the user task waited for syncpoint or resynchronization processing using the Coupling Facility data tables server to complete.
zSRVSYWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRRMSWAIT.<fieldname>

zRRMSWAIT_S	TIME	8	The elapsed time in which the user task waited indoubt using resource recovery services for EXCI.
zRRMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRUNTRWTT.<fieldname>

zRUNTRWTT_S	TIME	8	The elapsed time in which the user task waited for completion of a transaction that ran as a result of the user task issuing a CICS BTS run process request and a run activity request synchronously.
zRUNTRWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSYNCDLY.<fieldname>

zSYNCDLY_S	TIME	8	The elapsed time in which the user task waited for a syncpoint request to be issued by its parent transaction.
zSYNCDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSOIOWTT.<fieldname>

zSOIOWTT_S	TIME	8	The elapsed time for which the user task waited for inbound socket I/O.
zSOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zIMSWAIT.<fieldname>

zIMSWAIT_S	TIME	8	The elapsed time during which the user task waited for DBCTL to service the IMS requests issued by the user task.
zIMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDB2RDYQW.<fieldname>

zDB2RDYQW_S	TIME	8	The elapsed time during which the user task waited for a Db2 thread to become available.
zDB2RDYQW_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDB2CONWT.<fieldname>

zDB2CONWT_S	TIME	8	The elapsed time during which the user task waited for a Db2 connection to become available for use with the user task's open TCB.
zDB2CONWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zWMQGETWT.<fieldname>

zWMQGETWT_S	TIME	8	The elapsed time during which the user task waited for WebSphere MQ to service the user task's GETWAIT request.
zWMQGETWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zJVMTIME.<fieldname>

zJVMTIME_S	TIME	8	The total elapsed time spent in the JVM by the user task.
zJVMTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zJVMSUSP.<fieldname>

zJVMSUSP_S	TIME	8	The elapsed time for which the user task was suspended by the CICS dispatcher while running in the JVM.
zJVMSUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSOOIOWTT.<fieldname>

zSOOIOWTT_S	TIME	8	The total elapsed time that the user task waited on outbound sockets.
zSOOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRQRWAIT.<fieldname>

zRQRWAIT_S	TIME	8	The elapsed time during which the request receiver user task CIRR (or user specified transaction ID) waited for any outstanding replies to be satisfied.
zRQRWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zRQPWAIT.<fieldname>

zRQPWAIT_S	TIME	8	The elapsed time during which the request processor user task CIRP waited for any outstanding replies to be satisfied.
zRQPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zOTSINDWT.<fieldname>

zOTSINDWT_S	TIME	8	The elapsed time in which the user task was dispatched or suspended indoubt (or both) while processing a syncpoint for an Object Transaction Service (OTS) syncpoint request.
zOTSINDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zJVMITIME.<fieldname>

zJVMITIME_S	TIME	8	The elapsed time spent initializing the JVM environment.
zJVMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zJVMRTIME.<fieldname>

zJVMRTIME_S	TIME	8	Reserved field, returns zero.
zJVMRTIME_N	INT	3	Reserved field, returns zero.

SMF110#01_Performance_Class_ADP1_PCR2.zPTPWAIT.<fieldname>

zPTPWAIT_S	TIME	8	The elapsed time for which the user task waited for the 3270 bridge partner transaction to complete.
zPTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDSMMSWWT.<fieldname>

zDSMMSWWT_S	TIME	8	The elapsed time that the user task spent waiting because no TCB was available and a TCB was not created because of MVS storage constraints.
zDSMMSWWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zISIWTT.<fieldname>

zISIWTT_S	TIME	8	The elapsed time for which a user task waited for control at this end of an IPIC connection.
zISIWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zJVMTHDWT.<fieldname>

zJVMTHDWT_S	TIME	8	The elapsed time that the user task waited to obtain a JVM server thread because the CICS system had reached the thread limit for a JVM server in the CICS region.
zJVMTHDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zWMQASRBT.<fieldname>

zWMQASRBT_S	TIME	8	The WebSphere MQ SRB time this transaction spent processing WebSphere MQ API requests.
zWMQASRBT_N	INT	3	Count of the number of time periods contributing to the total SRB time.

SMF110#01_Performance_Class_ADP1_PCR2.zTDILWTT.<fieldname>

zTDILWTT_S	TIME	8	The elapsed time for which the user task waited for an intrapartition transient data lock (TDIPLOCK).
zTDILWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zTDELWTT.<fieldname>

zTDELWTT_S	TIME	8	The elapsed time for which the user task waited for an extrapartition transient data lock (TDEPLOCK).
zTDELWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zROMODDLY.<fieldname>

zROMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS RO TCB.
zROMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zSOMODDLY.<fieldname>

zSOMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS SO TCB.
zSOMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zISALWTT.<fieldname>

zISALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an IPIC session.
zISALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zTCALWTT.<fieldname>

zTCALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an MRO (Inter-Region Communication), LU6.1, or LU6.2 session.
zTCALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCR2.zDSAPTHWT.<fieldname>

zDSAPTHWT_S	TIME	8	The dispatcher allocated pthread wait time. This is the time that the transaction had to wait for a Liberty pthread to be allocated during links to Liberty programs.
zDSAPTHWT_N	INT	3	Count of the number of time periods contributing to the total wait time.

SMF110#01_Performance_Class_ADP1_PCR2.zRMITOTAL.<fieldname>

zRMITOTAL_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITOTAL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS Resource Manager Interface (RMI).

SMF110#01_Performance_Class_ADP1_PCR2.zRMIOOTHER.<fieldname>

zRMIOOTHER_S	TIME	8	The total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and
--------------	------	---	---

			CICS TCP/IP socket requests.
zRMIOther_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.

SMF110#01_Performance_Class_ADP1_PCR2.zRMIDB2.<fieldname>

zRMIDB2_S	TIME	8	The total elapsed time spent in the CICS RMI for Db2 requests.
zRMIDB2_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for Db2 requests.

SMF110#01_Performance_Class_ADP1_PCR2.zRMIDBCTL.<fieldname>

zRMIDBCTL_S	TIME	8	The total elapsed time spent in the CICS RMI for DBCTL requests.
zRMIDBCTL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for DBCTL requests.

SMF110#01_Performance_Class_ADP1_PCR2.zRMIEXDLI.<fieldname>

zRMIEXDLI_S	TIME	8	The total elapsed time spent in the CICS RMI for EXEC DLI requests.
zRMIEXDLI_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for EXEC DLI requests.

SMF110#01_Performance_Class_ADP1_PCR2.zRMIMQM.<fieldname>

zRMIMQM_S	TIME	8	The total elapsed time spent in the CICS RMI for IBM MQ requests.
zRMIMQM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for IBM MQ requests.

SMF110#01_Performance_Class_ADP1_PCR2.zRMICPSM.<fieldname>

zRMICPSM_S	TIME	8	The total elapsed time spent in the CICS RMI for CICSplex SM requests.
zRMICPSM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICSplex SM requests.

SMF110#01_Performance_Class_ADP1_PCR2.zRMITCPIP.<fieldname>

zRMITCPIP_S	TIME	8	The total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.
zRMITCPIP_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.

Secondary segment: SMF110#01_Performance_Class_ADP1_PCO3

Field Name	Type	Len	Description
SMF110#01_Performance_Class_ADP1_PCO3.<fieldname>			
zTRAN	CHAR	4	ID=001 (DFHTASK) Transaction identification.
zTERM	CHAR	4	ID=002 (DFHTERM) Terminal or session identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	ID=089 (DFHCICS) User identification at task creation. This identification can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zTTYTYPE	CHAR	4	ID=004 (DFHTASK) Transaction start type. The high-order bytes (0 and 1) are set as follows: 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by front-end programming interface (FEPI).

zSTART	TSTMP	8	ID=005 (DFHCICS) Start time of measurement interval, which is one of the following times: - The time at which the user task was attached. - The time at which data recording was most recently reset in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zSTOP	TSTMP	8	ID=006 (DFHCICS) Finish time of measurement interval, which is one of the following times: - The time at which the user task was detached. - the time at which data recording was completed in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zTRANNUM	DEC	4 (7,0)	ID=031 (DFHTASK) Transaction identification number or ' III' for system initialisation, ' TCP' for terminal control.
zTRANPRI	INT	4	ID=109 (DFHTASK) Transaction priority when monitoring of the task was initialized.
zTCLSNAME	CHAR	8	ID=166 (DFHTASK) Transaction class name. This field is null if the transaction is not in a TRANCLASS.
zLUNAME	CHAR	8	ID=111 (DFHTERM) The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	ID=071 (DFHPROG) The name of the first program invoked at attach-time.
zNETUOWPX	CHAR	20	ID=097 (DFHTASK) Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zNETUOWSX	CHAR	8	ID=098 (DFHTASK) Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	ID=130 (DFHCICS) The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zPERRECNT	INT	4	ID=131 (DFHCICS) The number of performance class records written by the CICS Monitoring Facility (CMF) for the user task.
zRMUOWID	CHAR	8	ID=132 (DFHTASK) The identifier of the unit of work (unit of recovery) for this task.
zSRVCLASS	CHAR	8	ID=167 (DFHCICS) The z/OS Workload Manager (WLM) service class for this transaction.
zRPTCLASS	CHAR	8	ID=168 (DFHCICS) The z/OS Workload Manager (WLM) report class for this transaction.
zFCTYNAME	CHAR	4	ID=163 (DFHTASK) Transaction facility name. This field is null if the transaction is not associated with a facility.

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.<fieldname>

zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.zTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
-------------	-----	---	------------------------

zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Performance_Class_ADP1_PCO3.zTRANFLAG.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCO3.zTERMINFO.<fieldname>

zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.

SMF110#01_Performance_Class_ADP1_PCO3.<fieldname>

zTERMCNNM	CHAR	4	ID=169 (DFHTERM) Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).
zBRDGTRAN	CHAR	4	ID=124 (DFHTASK) Bridge listener transaction identifier. For CICS 3270 Bridge transactions, this field is the name of the Bridge listener transaction that attached the user task.
zRRMSURID	CHAR	16	ID=190 (DFHTASK) RRMS/MVS unit-of-recovery ID (URID).
zPRCSNAME	CHAR	36	ID=200 (DFHCBTS) The name of the CICS business transaction service (BTS) process of which the user task formed part.
zPRCSTYPE	CHAR	8	ID=201 (DFHCBTS) The process-type of the CICS BTS process of which the user task formed part.
zPRCSID	CHAR	52	ID=202 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.

zACTVTYID	CHAR	52	ID=203 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYNM	CHAR	16	ID=204 (DFHCBTS) The name of the CICS BTS activity that the user task implemented.
zCLIPADDR	CHAR	40	ID=318 (DFH SOCK) The IP address of the client or Telnet client.
zTRNGRPID	CHAR	28	ID=082 (DFHTASK) The transaction group ID is assigned at transaction attach time, and can be used to correlate the transactions that CICS runs for the same incoming work request. For example, the CWXN and CWBA transactions for Web requests.
zNETID	CHAR	8	ID=197 (DFHTERM) NETID if a network qualified name has been received from the Communications Server. If it is a resource and the network qualified name has not yet been received, NETID is 8 blanks. In all other cases, it is nulls.
zRLUNAME	CHAR	8	ID=198 (DFHTERM) Real network name if a network qualified name has been received from the Communications Server.
zTCPSRVCE	CHAR	8	ID=245 (DFH SOCK) The TCP/IP service name that attached the user task.
zPORTNUM	INT	4	ID=246 (DFH SOCK) The TCP/IP port number of the TCP/IP service that attached the user task.
zOTSTID	CHAR	128	ID=194 (DFHTASK) This field is the first 128 bytes of the Object Transaction Service (OTS) Transaction ID (TID).
zCLIPPORT	INT	4	ID=330 (DFH SOCK) The TCP/IP port number of the originating client or Telnet client.
zISIPICNM	CHAR	8	ID=305 (DFH SOCK) The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zONETWKID	CHAR	8	ID=359 (DFHCICS) The network identifier from which this work request (transaction) originated.
zOAPPLID	CHAR	8	ID=360 (DFHCICS) The APPLID of the CICS region in which this work request (transaction) originated. For example, the region in which the CWXN task ran.
zOSTART	TSTMP	8	ID=361 (DFHCICS) The time at which the originating task, for example the CWXN task, was started.
zOTRANNUM	DEC	4 (7,0)	ID=362 (DFHCICS) The number of the originating task. For example, the CWXN task.
zOTRAN	CHAR	4	ID=363 (DFHCICS) The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zOUSERID	CHAR	8	ID=364 (DFHCICS) The originating Userid-2 or Userid-1, for example from CWBA, depending on the originating task.
zOUSERCOR	CHAR	64	ID=365 (DFHCICS) The originating user correlator.
zOTCPSVCE	CHAR	8	ID=366 (DFHCICS) The name of the originating TCPIP SERVICE.
zOPORTNUM	INT	4	ID=367 (DFHCICS) The port number used by the originating TCPIP SERVICE.
zOCLIPADR	CHAR	40	ID=372 (DFHCICS) The IP address of the originating client or Telnet client.
zOCLIPORT	INT	4	ID=369 (DFHCICS) The TCP/IP port number of the originating client or Telnet client.

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.<fieldname>

zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.

zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCO3.zOTRANFLG.<fieldname>

zOFCTYNME	CHAR	8	ID=371 (DFHCICS) The facility name of the originating transaction.
zWBURIMNM	CHAR	8	ID=380 (DFHWEBB) For CICS web support, Atom feeds, and web service applications, the name of the URIMAP resource definition that was mapped to the URI of the inbound request that was processed by this task.
zWBPIPLNM	CHAR	8	ID=381 (DFHWEBB) For web service applications, the name of the PIPELINE resource definition that was used to provide information about the message handlers that act on the service request processed by this task.
zWBATMSNM	CHAR	8	ID=382 (DFHWEBB) For Atom feeds, the name of the ATOMSERVICE resource definition that was used to process this task.
zWBSVCENM	CHAR	32	ID=383 (DFHWEBB) For web service applications, the name of the WEBSERVICE resource definition that was used to process this task.

zWBSVOPNM	CHAR	64	ID=384 (DFHWEBB) For web service applications, the first 64 bytes of the web service operation name.
zWBPROGNM	CHAR	8	ID=385 (DFHWEBB) For CICS web support, the name of the program from the URIMAP resource definition that was used to provide the application-generated response to the HTTP request processed by this task.
zPHNTWKID	CHAR	8	ID=373 (DFHCICS) The network identifier of the CICS system of an immediately previous task in another CICS system with which this task is associated.
zPHAPPLID	CHAR	8	ID=374 (DFHCICS) The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHSTART	TSTMP	8	ID=375 (DFHCICS) The start time of the immediately previous task in another CICS system with which this task is associated.
zPHTRANNO	DEC	4 (7,0)	ID=376 (DFHCICS) The task number of the immediately previous task in another CICS system with which this task is associated.
zPHTRAN	CHAR	4	ID=377 (DFHCICS) The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHCOUNT	INT	4	ID=378 (DFHCICS) The number of times there has been a request from one CICS system to another CICS system to initiate a task with which this task is associated.
zOADID	CHAR	64	ID=351 (DFHCICS) The adapter identifier added to the origin data by the adapter.
zOADATA1	CHAR	64	ID=352 (DFHCICS) The data added to the origin data by the adapter.
zOADATA2	CHAR	64	ID=353 (DFHCICS) The data added to the origin data by using the adapter.
zOADATA3	CHAR	64	ID=354 (DFHCICS) The data added to the origin data by the adapter.
zSOCIPHER	HEX	4	ID=320 (DFH SOCK) Identifies the code for the cipher suite that was selected during the SSL handshake for use on the inbound connection, for example X'0000002F'.
zCECMCHTP	CHAR	4	ID=430 (DFHTASK) The CEC machine type, in EBCDIC, for the physical hardware environment where the CICS region is running.
zCECMDLID	CHAR	16	ID=431 (DFHTASK) The CEC model number, in EBCDIC, for the physical hardware environment where the CICS region is running.
zMAXTASKS	INT	4	ID=433 (DFHTASK) The MXT or MAXTASKS value, expressed as a number of tasks, for the CICS region at the time the user task was attached.
zCURTASKS	INT	4	ID=434 (DFHTASK) The current number of active user transactions in the system at the time the user task was attached.
zACAPPLNM	CHAR	64	ID=451 (DFHTASK) The 64-character name of the application in the application context data.
zACPLATNM	CHAR	64	ID=452 (DFHTASK) The 64-character name of the platform in the application context data.
zACMAJVER	INT	4	ID=453 (DFHTASK) The major version of the application in the application context data, expressed as a 4-byte binary value.
zACMINVER	INT	4	ID=454 (DFHTASK) The minor version of the application in the application context data, expressed as a 4-byte binary value.
zACMICVER	INT	4	ID=455 (DFHTASK) The micro version of the application in the application context data, expressed as a 4-byte binary value.
zACOPERNM	CHAR	64	ID=456 (DFHTASK) The 64-character name of the operation in the application context data.

SMF110#01_Performance_Class_ADP1_PCO3.zTASKFLAG.<fieldname>

zClockErr	BIT	1	Detected an attempt either to start a user clock that was already running or to stop one that was not running.
-----------	-----	---	--

SMF110#01_Performance_Class_ADP1_PCO3.<fieldname>

zABCODEO	CHAR	4	ID=113 (DFHPROG) Original abend code.
----------	------	---	---------------------------------------

zABCODEC	CHAR	4	ID=114 (DFHPROG) Current abend code.
zRTYPE	CHAR	4	ID=112 (DFHCICS) Performance record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTCMSGIN1	INT	4	ID=034 (DFHTERM) Number of messages received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHRIN1	INT	4	ID=083 (DFHTERM) Number of characters received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGOU1	INT	4	ID=035 (DFHTERM) Number of messages sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHROU1	INT	4	ID=084 (DFHTERM) Number of characters sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGIN2	INT	4	ID=067 (DFHTERM) Number of messages received from the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHRIN2	INT	4	ID=085 (DFHTERM) Number of characters received from the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCMSGOU2	INT	4	ID=068 (DFHTERM) Number of messages sent to the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHROU2	INT	4	ID=086 (DFHTERM) Number of characters sent to the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCM62IN2	INT	4	ID=135 (DFHTERM) Number of messages received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62IN2	INT	4	ID=137 (DFHTERM) Number of characters received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCM62OU2	INT	4	ID=136 (DFHTERM) Number of messages sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62OU2	INT	4	ID=138 (DFHTERM) Number of characters sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCALLOCT	INT	4	ID=069 (DFHTERM) Number of TCTTE ALLOCATE requests issued by the user task for LUTYPE6.2 (APPC), LUTYPE6.1, and IRC sessions.
zSCUGETCT_Below	INT	4	ID=054 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the UDSA.
zSCUGETCT_Above	INT	4	ID=105 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the extended user dynamic storage area (EUDSA).
zSCCGETCT_Below	INT	4	ID=117 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the CDSA.
zSCCGETCT_Above	INT	4	ID=120 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the ECDSA.
zSCUSRHWM_Below	INT	4	ID=033 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the user dynamic storage area (UDSA).
zSCUSRHWM_Above	INT	4	ID=106 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the EUDSA.
zSC24CHWM	INT	4	ID=116 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zSC31CHWM	INT	4	ID=119 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zSCUSRSTG_Below	INT	8	ID=095 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the UDSA. This measures the area under the curve of storage in use against elapsed time.
zSCUSRSTG_Above	INT	8	

			ID=107 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the EUDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24COCC	INT	8	ID=118 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the CDSA. This measures the area under the curve of storage in use against elapsed time.
zSC31COCC	INT	8	ID=121 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24SGCT	INT	4	ID=144 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage below the 16 MB line, in the CDSA or SDSA.
zSC24GSHR	INT	4	ID=145 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC24FSHR	INT	4	ID=146 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC31SGCT	INT	4	ID=147 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the 16 MB line, in the ECDSA or ESDSA.
zSC31GSHR	INT	4	ID=148 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC31FSHR	INT	4	ID=149 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC64CGCT	INT	4	ID=441 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the CICS dynamic storage area (GCDSA).
zSC64CHWM	INT	4	ID=442 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
zSC64UGCT	INT	4	ID=443 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the user dynamic storage area (GUDSA).
zSC64UHWM	INT	4	ID=444 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
zSC64SGCT	INT	4	ID=445 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the bar, in the GCDSA or GSDSA.
zSC64GSHR	INT	4	ID=446 (DFHSTOR) Amount of shared storage obtained by the user task by using a GETMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zSC64FSHR	INT	4	ID=447 (DFHSTOR) Amount of shared storage released by the user task by using a FREEMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zPCSTGHWM	INT	4	ID=087 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task both above and below the 16 MB line.
zPC31AHWM	INT	4	ID=139 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line.
zPC24BHWM	INT	4	ID=108 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line.
zPC31CHWM	INT	4	ID=142 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zPC24CHWM	INT	4	ID=143 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zPC31RHWM	INT	4	

			ID=122 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended read-only dynamic storage area (ERDSA).
zPC24RHWM	INT	4	ID=162 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the read-only dynamic storage area (RDSA).
zPC31SHWM	INT	4	ID=161 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended shared dynamic storage area (ESDSA).
zPC24SHWM	INT	4	ID=160 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the shared dynamic storage area (SDSA).
zFCGETCT	INT	4	ID=036 (DFHFILE) Number of file GET requests issued by the user task.
zFCPUTCT	INT	4	ID=037 (DFHFILE) Number of file PUT requests issued by the user task.
zFCBRWCT	INT	4	ID=038 (DFHFILE) Number of file browse requests issued by the user task. This number excludes the START and END browse requests.
zFCADDCT	INT	4	ID=039 (DFHFILE) Number of file ADD requests issued by the user task.
zFCDELCT	INT	4	ID=040 (DFHFILE) Number of file DELETE requests issued by the user task.
zFCTOTCT	INT	4	ID=093 (DFHFILE) Total number of file control requests issued by the user task. This number excludes any request for OPEN, CLOSE, ENABLE, or DISABLE of a file.
zFCAMCT	INT	4	ID=070 (DFHFILE) Number of times the user task invoked file access-method interfaces. This number excludes requests for OPEN and CLOSE.
zTDGETCT	INT	4	ID=041 (DFHDEST) Number of transient data GET requests issued by the user task.
zTDPUTCT	INT	4	ID=042 (DFHDEST) Number of transient data PUT requests issued by the user task.
zTDPURCT	INT	4	ID=043 (DFHDEST) Number of transient data PURGE requests issued by the user task.
zTDTOTCT	INT	4	ID=091 (DFHDEST) Total number of transient data requests issued by the user task.
zTSGETCT	INT	4	ID=044 (DFHTEMP) Number of temporary storage GET requests to auxiliary or main temporary storage issued by the user task.
zTSPUTACT	INT	4	ID=046 (DFHTEMP) Number of PUT requests to auxiliary temporary storage issued by the user task.
zTSPUTMCT	INT	4	ID=047 (DFHTEMP) Number of PUT requests to main temporary storage issued by the user task.
zTSGETSCT	INT	4	ID=460 (DFHTEMP) Number of temporary storage GET requests from shared temporary storage issued by the user task.
zTSPUTSCT	INT	4	ID=461 (DFHTEMP) Number of temporary storage PUT requests to shared temporary storage issued by the user task.
zTSTOTCT	INT	4	ID=092 (DFHTEMP) Total number of temporary storage requests issued by the user task.
zBMSMAPCT	INT	4	ID=050 (DFHMAPP) Number of BMS MAP requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that did not incur a terminal I/O, and the number of RECEIVE MAP FROM requests.
zBMSINCT	INT	4	ID=051 (DFHMAPP) Number of BMS IN requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that incurred a terminal I/O.
zBMSOUTCT	INT	4	ID=052 (DFHMAPP) Number of BMS OUT requests issued by the user task. This field corresponds to the number of SEND MAP requests.
zBMSTOTCT	INT	4	ID=090 (DFHMAPP) Total number of BMS requests issued by the user task.
zPCLINKCT	INT	4	ID=055 (DFHPROG) Number of program LINK and INVOKE APPLICATION requests issued by the user task, including the link to the

			first program of the user task.
zPCXCTLCT	INT	4	ID=056 (DFHPROG) Number of program XCTL requests issued by the user task.
zPCLOADCT	INT	4	ID=057 (DFHPROG) Number of program LOAD requests issued by the user task.
zPCLURMCT	INT	4	ID=072 (DFHPROG) Number of program LINK URM (user-replaceable module) requests issued by, or on behalf of, the user task.
zPCDPLCT	INT	4	ID=073 (DFHPROG) Number of distributed program link (DPL) requests issued by the user task.
zPCDLCSDL	INT	4	ID=286 (DFHPROG) The total length, in bytes, of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCDLCRDL	INT	4	ID=287 (DFHPROG) The total length, in bytes, of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task.
zPCLNKCCT	INT	4	ID=306 (DFHPROG) Number of local program LINK and INVOKE APPLICATION requests, with the CHANNEL option, issued by the user task.
zPCXCLCCT	INT	4	ID=307 (DFHPROG) Number of program XCTL requests issued with the CHANNEL option by the user task.
zPCDPLCCT	INT	4	ID=308 (DFHPROG) Number of program distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCRTNCCT	INT	4	ID=309 (DFHPROG) Number of remote pseudoconversational RETURN requests, with the CHANNEL option, issued by the user task.
zPCRTNCDL	INT	4	ID=310 (DFHPROG) The total length, in bytes, of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task.
zJNLWRTCT	INT	4	ID=058 (DFHJOUR) Number of journal write requests issued by the user task.
zLOGWRTCT	INT	4	ID=172 (DFHJOUR) Number of CICS log stream write requests issued by the user task.
zICPUINCT	INT	4	ID=059 (DFHTASK) Number of interval control START or INITIATE requests during the user task.
zICTOTCT	INT	4	ID=066 (DFHTASK) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zICSTACCT	INT	4	ID=065 (DFHTASK) Total number of local interval control START requests, with the CHANNEL option, issued by the user task.
zICSTACDL	INT	4	ID=345 (DFHTASK) Total length, in bytes, of the data in the containers of all the locally executed START CHANNEL requests issued by the user task.
zICSTRCCT	INT	4	ID=346 (DFHTASK) Total number of interval control START CHANNEL requests, to be run on remote systems, issued by the user task.
zICSTRCDL	INT	4	ID=347 (DFHTASK) Total length, in bytes, of the data in the containers of all the remotely executed START CHANNEL requests issued by the user task.
zSPSYNCCT	INT	4	ID=060 (DFHSYNC) Number of SYNCPOINT requests issued during the user task.
zCFCAPICT	INT	4	ID=025 (DFHCICS) Number of CICS OO foundation class requests, including the Java API for CICS (JCICS) classes, issued by the user task.
zSZALLOCT	INT	4	ID=150 (DFHFEPI) Number of conversations allocated by the user task. This number is incremented for each FEPI ALLOCATE POOL or FEPI CONVERSE POOL.
zSZRCVCT	INT	4	ID=151 (DFHFEPI) Number of FEPI RECEIVE requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSENDCT	INT	4	ID=152 (DFHFEPI) Number of FEPI SEND requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSTRTCT	INT	4	ID=153 (DFHFEPI) Number of FEPI START requests made by the user task.

zSZCHROUT	INT	4	ID=154 (DFHFEPI) Number of characters sent through FEPI by the user task.
zSZCHRIN	INT	4	ID=155 (DFHFEPI) Number of characters received through FEPI by the user task.
zSZALLCTO	INT	4	ID=157 (DFHFEPI) Number of times the user task timed out while waiting to allocate a conversation.
zSZRCVTO	INT	4	ID=158 (DFHFEPI) Number of times the user task timed out while waiting to receive data.
zSZTOTCT	INT	4	ID=159 (DFHFEPI) Total number of all FEPI API and SPI requests made by the user task.
zBARSYNCT	INT	4	ID=205 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity synchronously.
zBARASYCT	INT	4	ID=206 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity asynchronously.
zBALKPACT	INT	4	ID=207 (DFHCBTS) The number of CICS BTS link process, or link activity, requests that the user task issued.
zBADPROCT	INT	4	ID=208 (DFHCBTS) The number of CICS BTS define process requests issued by the user task.
zBADACTCT	INT	4	ID=209 (DFHCBTS) The number of CICS BTS define activity requests issued by the user task.
zBARSPACT	INT	4	ID=210 (DFHCBTS) The number of CICS BTS reset process and reset activity requests issued by the user task.
zBASUPACT	INT	4	ID=211 (DFHCBTS) The number of CICS BTS suspend process, or suspend activity, requests issued by the user task.
zBARMPACT	INT	4	ID=212 (DFHCBTS) The number of CICS BTS resume process, or resume activity, requests issued by the user task.
zBADCPACT	INT	4	ID=213 (DFHCBTS) The number of CICS BTS delete activity, cancel process, or cancel activity, requests issued by the user task.
zBAACQPCT	INT	4	ID=214 (DFHCBTS) The number of CICS BTS acquire process, or acquire activity, requests issued by the user task.
zBATOTPCT	INT	4	ID=215 (DFHCBTS) Total number of CICS BTS process and activity requests issued by the user task.
zBAPRDCCT	INT	4	ID=216 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for process data containers issued by the user task.
zBAACDCCT	INT	4	ID=217 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for current activity data containers issued by the user task.
zBATOTCCT	INT	4	ID=218 (DFHCBTS) Total number of CICS BTS delete, get, move, or put, process container and activity container requests issued by the user task.
zBARATECT	INT	4	ID=219 (DFHCBTS) The number of CICS BTS retrieve-reattach event requests issued by the user task.
zBADFIECT	INT	4	ID=220 (DFHCBTS) The number of CICS BTS define-input event requests issued by the user task.
zBATIAECT	INT	4	ID=221 (DFHCBTS) The number of CICS BTS DEFINE TIMER EVENT, CHECK TIMER EVENT, DELETE TIMER EVENT, and FORCE TIMER EVENT requests issued by the user task.
zBATOTECT	INT	4	ID=222 (DFHCBTS) Total number of CICS BTS event-related requests issued by the user task.
zWBRCVCT	INT	4	ID=231 (DFHWEBB) The number of CICS web support RECEIVE requests issued by the user task.
zWBCHRIN	INT	4	ID=232 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE requests issued by the user task.
zWBSENDCT	INT	4	ID=233 (DFHWEBB) The number of CICS web support SEND requests issued by the user task.
zWBCHROUT	INT	4	

			ID=234 (DFHWEBB) The number of bytes sent by the CICS web support SEND requests issued by the user task.
zWBTOTCT	INT	4	ID=235 (DFHWEBB) The total number of CICS web support requests issued by the user task.
zWBREPRCT	INT	4	ID=236 (DFHWEBB) The number of reads from the repository in temporary storage issued by the user task.
zWBREPWCT	INT	4	ID=237 (DFHWEBB) The number of writes to the repository in temporary storage issued by the user task.
zWBEXTRCT	INT	4	ID=238 (DFHWEBB) The number of CICS web support EXTRACT requests issued by the user task.
zWBBRWCT	INT	4	ID=239 (DFHWEBB) The number of CICS web support browsing requests for HTTPHEADER, FORMFIELD, and QUERYPARM (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task.
zWBREADCT	INT	4	ID=224 (DFHWEBB) The number of CICS web support READ HTTPHEADER, READ FORMFIELD, and READ QUERYPARM requests issued by the user task.
zWBWRITCT	INT	4	ID=225 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task.
zDHCRECT	INT	4	ID=226 (DFHDOCH) The number of document handler CREATE requests issued by the user task.
zDHINSCT	INT	4	ID=227 (DFHDOCH) The number of document handler INSERT requests issued by the user task.
zDHSETCT	INT	4	ID=228 (DFHDOCH) The number of document handler SET requests issued by the user task.
zDHRETCT	INT	4	ID=229 (DFHDOCH) The number of document handler RETRIEVE requests issued by the user task.
zDHDELCT	INT	4	ID=223 (DFHDOCH) The number of document handler DELETE requests issued by the user task.
zDHTOTCT	INT	4	ID=230 (DFHDOCH) The total number of document handler requests issued by the user task.
zDHTOTDCL	INT	4	ID=240 (DFHDOCH) The total length of all documents created by the user task.
zSOBYENCT	INT	4	ID=242 (DFH SOCK) The number of bytes encrypted by the secure sockets layer for the user task.
zSOBYDECT	INT	4	ID=243 (DFH SOCK) The number of bytes decrypted by the secure sockets layer for the user task.
zSOEXTRCT	INT	4	ID=289 (DFH SOCK) The number of EXTRACT TCP/IP and EXTRACT CERTIFICATE requests issued by the user task.
zSOCNPSCT	INT	4	ID=290 (DFH SOCK) The total number of requests made by the user task to create a nonpersistent outbound socket.
zSOCPSCT	INT	4	ID=291 (DFH SOCK) The total number of requests made by the user task to create a persistent outbound socket.
zSONPSHWM	INT	4	ID=292 (DFH SOCK) The peak number of nonpersistent outbound sockets owned by the user task.
zSOPSHWM	INT	4	ID=293 (DFH SOCK) The peak number of persistent outbound sockets owned by the user task.
zSORCVCT	INT	4	ID=294 (DFH SOCK) The total number of receive requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHRIN	INT	4	ID=295 (DFH SOCK) The total number of bytes received on outbound sockets by the user task.
zSOSENDCT	INT	4	ID=296 (DFH SOCK) The total number of send requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHROUT	INT	4	ID=297 (DFH SOCK) The total number of bytes sent on outbound sockets by the user task.
zSOTOTCT	INT	4	ID=298 (DFH SOCK) The total number of socket requests issued by the user task.

zSOMSGIN1	INT	4	ID=301 (DFH SOCK) The number of inbound socket receive requests issued by the user task.
zSOCHRIN1	INT	4	ID=302 (DFH SOCK) The number of characters received by inbound socket receive requests issued by the user task.
zSOMSGOU1	INT	4	ID=303 (DFH SOCK) The number of inbound socket send requests issued by the user task.
zSOCHROU1	INT	4	ID=304 (DFH SOCK) The number of characters sent by inbound socket send requests issued by the user task.
zIMSREQCT	INT	4	ID=179 (DFH DATA) The number of IMS (DBCTL) requests issued by the user task.
zDB2REQCT	INT	4	ID=180 (DFH DATA) The total number of Db2 EXEC SQL and Instrumentation Facility Interface (IFI) requests issued by the user task.
zWMQREQCT	INT	4	ID=395 (DFH DATA) The total number of WebSphere MQ requests issued by the user task.
zTCBATTCT	INT	4	ID=251 (DFH TASK) The number of CICS TCBS attached by or on behalf of the user task.
zDSTCBHWM	INT	4	ID=252 (DFH TASK) The peak number of CICS open TCBS (in TCB modes L8, L9, S8, T8, X8, and X9) that have been concurrently allocated to the user task.
zWBREDOCT	INT	4	ID=331 (DFH WEBB) The number of CICS web support READ HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBWRTOCT	INT	4	ID=332 (DFH WEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBRCVIN1	INT	4	ID=333 (DFH WEBB) The number of CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHRIN1	INT	4	ID=334 (DFH WEBB) The number of bytes received by the CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBSNDOU1	INT	4	ID=335 (DFH WEBB) The number of CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHROU1	INT	4	ID=336 (DFH WEBB) The number of bytes sent by the CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBPARSCT	INT	4	ID=337 (DFH WEBB) The number of CICS web support PARSE URL requests issued by the user task.
zWBRRWOCT	INT	4	ID=338 (DFH WEBB) The number of CICS web support BROWSE HTTPHEADER requests (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task when CICS is an HTTP client.
zWBIWBSCT	INT	4	ID=340 (DFH WEBB) The number of EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE requests issued by the user task.
zWBREPRDL	INT	4	ID=341 (DFH WEBB) The total length, in bytes, of the data read from the repository in temporary storage by the user task.
zWBREPWDL	INT	4	ID=342 (DFH WEBB) The total length, in bytes, of the data written to the repository in temporary storage by the user task.
zPGTOTCCT	INT	4	ID=321 (DFH CHNL) The number of CICS requests for channel containers issued by the user task.
zPGBRWCT	INT	4	ID=322 (DFH CHNL) The number of CICS browse requests for channel containers issued by the user task.
zPGGETCCT	INT	4	ID=323 (DFH CHNL) The number of GET CONTAINER and GET64 CONTAINER requests for channel containers issued by the user task.
zPGPUTCCT	INT	4	ID=324 (DFH CHNL) The number of PUT CONTAINER and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGMOVCCT	INT	4	ID=325 (DFH CHNL) The number of MOVE CONTAINER requests for channel containers issued by the user task.

zPGGETCDL	INT	4	ID=326 (DFHCHNL) The total length, in bytes, of the data in the containers of all the GET CONTAINER CHANNEL and GET64 CONTAINER CHANNEL commands issued by the user task.
zPGPUTCDL	INT	4	ID=327 (DFHCHNL) The total length, in bytes, of the data in the containers of all the PUT CONTAINER CHANNEL and PUT64 CONTAINER CHANNEL commands issued by the user task.
zPGCRECCT	INT	4	ID=328 (DFHCHNL) The number of containers created by MOVE, PUT CONTAINER, and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGCSTHWM	INT	4	ID=329 (DFHCHNL) Maximum amount (high-water mark), in bytes, of container storage allocated to the user task.
zISALLOCT	INT	4	ID=288 (DFH SOCK) The number of allocate session requests issued by the user task for sessions using IPIC.
zEICTOTCT	INT	4	ID=402 (DFHCICS) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zECSIGECT	INT	4	ID=415 (DFHCICS) The number of EXEC CICS SIGNAL EVENT commands issued by the user task.
zECEFOPT	INT	4	ID=416 (DFHCICS) The number of event filter operations performed by the user task.
zECEVTCT	INT	4	ID=417 (DFHCICS) The number of events captured by the user task.
zECSEVCCT	INT	4	ID=418 (DFHCICS) The number of synchronous emission events captured by the user task.
zTIASKTCT	INT	4	ID=405 (DFHCICS) The number of EXEC CICS ASKTIME commands issued by the user task.
zTITOTCT	INT	4	ID=406 (DFHCICS) The total number of EXEC CICS ASKTIME, CONVERTTIME, and FORMATTIME commands issued by the user task.
zBFDGSTCT	INT	4	ID=408 (DFHCICS) The total number of EXEC CICS BIF DIGEST commands issued by the user task.
zBFTOTCT	INT	4	ID=409 (DFHCICS) The total number of EXEC CICS BIF DEEDIT and BIF DIGEST commands issued by the user task.
zMLXSSTD	INT	4	ID=412 (DFHWEBB) The total length of the documents that were parsed using the z/OS XML System Services parser.
zMLXMLTCT	INT	4	ID=413 (DFHWEBB) The number of EXEC CICS TRANSFORM commands issued by the user task.
zWSACBLCT	INT	4	ID=420 (DFHWEBB) The number of EXEC CICS WSACONTEXT BUILD commands issued by the user task.
zWSACGTCT	INT	4	ID=421 (DFHWEBB) The number of EXEC CICS WSACONTEXT GET commands issued by the user task.
zWSAEPCT	INT	4	ID=422 (DFHWEBB) The number of EXEC CICS WSAEPR CREATE commands issued by the user task.
zWSATOTCT	INT	4	ID=423 (DFHWEBB) The total number of EXEC CICS WS-Addressing commands issued by the user task.
zWBSFCRCT	INT	4	ID=386 (DFHWEBB) The number of EXEC CICS SOAPFAULT CREATE commands issued by the user task.
zWBSFTOCT	INT	4	ID=387 (DFHWEBB) The total number of EXEC CICS SOAPFAULT ADD, CREATE, and DELETE commands issued by the user task.
zWBISSFCT	INT	4	ID=388 (DFHWEBB) The total number of SOAP faults received in response to the EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE commands issued by the user task.
zWBSREQBL	INT	4	ID=390 (DFHWEBB) For web service applications, the SOAP request body length.
zWBSRSPBL	INT	4	ID=392 (DFHWEBB) For web service applications, the SOAP response body length.
zWBJSNRQL	INT	4	ID=424 (DFHWEBB) For JSON web service applications, the JSON message request length.
zWBJSNRPL	INT	4	ID=425 (DFHWEBB) For JSON web service applications, the JSON message response length.

zMPRTXCD	INT	4	ID=449 (DFHCICS) The number of policy task rule thresholds that this task has exceeded.
zNCGETCT	INT	4	ID=464 (DFHCICS) The total number of requests to a named counter server to satisfy EXEC CICS GET COUNTER and EXEC CICS GET DCOUNTER commands issued by the user task.

SMF110#01_Performance_Class_ADP1_PCO3.zUSRDISPT.<fieldname>

zUSRDISPT_S	TIME	8	Total elapsed time during which the user task was dispatched on each CICS TCB under which the task ran.
zUSRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zUSRCPUT.<fieldname>

zUSRCPUT_S	TIME	8	Processor time for which the user task was dispatched on each CICS TCB under which the task ran.
zUSRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zCPUTONCP.<fieldname>

zCPUTONCP_S	TIME	8	The total task processor time on a standard processor for which the user task was dispatched on each CICS TCB under which the task ran.
zCPUTONCP_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zOFFLCPUT.<fieldname>

zOFFLCPUT_S	TIME	8	The total task processor time that was spent on a standard processor but was eligible for offload to a specialty processor (zIIP or zAAP).
zOFFLCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zSUSPTIME.<fieldname>

zSUSPTIME_S	TIME	8	Total elapsed wait time for which the user task was suspended by the dispatcher.
zSUSPTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDISPWTT.<fieldname>

zDISPWTT_S	TIME	8	Elapsed time for which the user task waited for redispach. This time is the aggregate of the wait times between each event completion and user-task redispach.
zDISPWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zQRDISPT.<fieldname>

zQRDISPT_S	TIME	8	The elapsed time for which the user task was dispatched on the CICS QR TCB.
zQRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zQRCPUT.<fieldname>

zQRCPUT_S	TIME	8	The processor time for which the user task was dispatched on the CICS QR TCB.
zQRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zMSDISPT.<fieldname>

zMSDISPT_S	TIME	8	Elapsed time for which the user task was dispatched on each CICS TCB.
zMSDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zMSCPUT.<fieldname>

zMSCPUT_S	TIME	8	The processor time for which the user task was dispatched on each CICS TCB.
zMSCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zRODISPT.<fieldname>

zRODISPT_S	TIME	8	The elapsed time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zRODISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zROCPUT.<fieldname>

zROCPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zROCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zKY8DISPT.<fieldname>

zKY8DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zKY8CPUT.<fieldname>

zKY8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zKY9DISPT.<fieldname>

zKY9DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zKY9CPUT.<fieldname>

zKY9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zL8CPUT.<fieldname>

zL8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L8 mode TCB.
zL8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zL9CPUT.<fieldname>

zL9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L9 mode TCB.
zL9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zS8CPUT.<fieldname>

zS8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS S8 mode TCB.
zS8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zX8CPUT.<fieldname>

zX8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X8 mode TCB.
zX8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zX9CPUT.<fieldname>

zX9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X9 mode TCB.
zX9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zT8CPUT.<fieldname>

zT8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS T8 mode TCB.
zT8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zQRMODDLY.<fieldname>

zQRMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS QR mode TCB.
zQRMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zMXTOTDLY.<fieldname>

zMXTOTDLY_S	TIME	8	The elapsed time in which the user task waited to obtain a CICS L8 or L9 mode open TCB, because the region had reached the limit set by CICS for these TCBs.
zMXTOTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zMAXXTDLY.<fieldname>

zMAXXTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS XP TCB (X8 or X9 mode), because the CICS system reached the limit set by CICS for these types of TCB.
zMAXXTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zMAXSTDLY.<fieldname>

zMAXSTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system reached the limit set by the system initialization parameter MAXSSLTCBS.
zMAXSTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zMAXTTDLY.<fieldname>

zMAXTTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a T8 TCB, because the CICS system reached the limit of available threads.
zMAXTTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDSTCBMWT.<fieldname>

zDSTCBMWT_S	TIME	8	The elapsed time that the user task spent in TCB mismatch waits. That is, waiting because no available TCB matched the request, but at least one non matching TCB was free.
zDSTCBMWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDSCHMDLY.<fieldname>			
zDSCHMDLY_S	TIME	8	The elapsed time in which the user task waited for redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task.
zDSCHMDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zEXWTTIME.<fieldname>			
zEXWTTIME_S	TIME	8	The total elapsed time for which the user waited on exception conditions.
zEXWTTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zTCIOWTT.<fieldname>			
zTCIOWTT_S	TIME	8	Elapsed time for which the user task waited for input from the terminal operator after issuing a RECEIVE request.
zTCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zFCIOWTT.<fieldname>			
zFCIOWTT_S	TIME	8	Elapsed time in which the user task waited for file I/O.
zFCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zFCXCWTT.<fieldname>			
zFCXCWTT_S	TIME	8	The elapsed time in which the user task waited for exclusive control of a VSAM control interval.
zFCXCWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zFCVSWTT.<fieldname>			
zFCVSWTT_S	TIME	8	The elapsed time in which the user task waited for a VSAM string.
zFCVSWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zJCIOWTT.<fieldname>			
zJCIOWTT_S	TIME	8	Elapsed time for which the user task waited for journal (logstream) I/O.
zJCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zTSIOWTT.<fieldname>			
zTSIOWTT_S	TIME	8	Elapsed time for which the user task waited for VSAM temporary storage I/O.
zTSIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zIRIOWTT.<fieldname>			
zIRIOWTT_S	TIME	8	Elapsed time for which the user task waited for control at this end of an MRO link.
zIRIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zTDIOWTT.<fieldname>			
zTDIOWTT_S	TIME	8	Elapsed time in which the user waited for VSAM transient data I/O.
zTDIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zPCLOADTM.<fieldname>			
zPCLOADTM_S	TIME	8	Elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations.
zPCLOADTM_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCO3.zDSPDELAY.<fieldname>			

zDSPDELAY_S	TIME	8	The elapsed time waiting for first dispatch.
zDSPDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCO3.zTCLDELAY.<fieldname>

zTCLDELAY_S	TIME	8	The elapsed time waiting for first dispatch, which was delayed because of the limits set for the transaction class of this transaction (zTCLSNAME) being reached.
zTCLDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCO3.zMXTDELAY.<fieldname>

zMXTDELAY_S	TIME	8	The elapsed time waiting for the first dispatch, which was delayed because of the limits set by the system parameter, MXT, being reached.
zMXTDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class_ADP1_PCO3.zENQDELAY.<fieldname>

zENQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control local enqueue.
zENQDELAY_N	INT	3	The number of local enqueues.

SMF110#01_Performance_Class_ADP1_PCO3.zGNQDELAY.<fieldname>

zGNQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control global enqueue.
zGNQDELAY_N	INT	3	The number of global enqueues.

SMF110#01_Performance_Class_ADP1_PCO3.zLU61WTT.<fieldname>

zLU61WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.1 connection or session.
zLU61WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zLU62WTT.<fieldname>

zLU62WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.2 (APPC) connection or session.
zLU62WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSZWAIT.<fieldname>

zSZWAIT_S	TIME	8	Elapsed time in which the user task waited for all FEPI services.
zSZWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRMITIME.<fieldname>

zRMITIME_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRMISUSP.<fieldname>

zRMISUSP_S	TIME	8	The total elapsed time that the task was suspended by the CICS dispatcher while in the CICS Resource Manager Interface (RMI).
zRMISUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSYNCTIME.<fieldname>

zSYNCTIME_S	TIME	8	Total elapsed time for which the user task was dispatched and was processing syncpoint requests.
zSYNCTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRLSWAIT.<fieldname>

zRLSWAIT_S	TIME	8	Elapsed time in which the user task waited for RLS file I/O.
zRLSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRLSFCPUT.<fieldname>

zRLSFCPUT_S	TIME	8	For RLS requests issued only from the QR TCB, this value is the RLS File Request SRB CPU time that this transaction spent processing RLS file requests.
zRLSFCPUT_N	INT	3	Count of the number of time periods contributing to the total CPU SRB processor time.

SMF110#01_Performance_Class_ADP1_PCO3.zLMDELAY.<fieldname>

zLMDELAY_S	TIME	8	The elapsed time that the user task waited to acquire a lock on a resource.
zLMDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zWTXWAIT.<fieldname>

zWTXWAIT_S	TIME	8	The elapsed time that the user task waited for one or more ECBs, passed to CICS by the user task using the EXEC CICS WAIT EXTERNAL ECBLIST command, to be posted by the MVS POST command.
zWTXWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zWTCEWAIT.<fieldname>

zWTCEWAIT_S	TIME	8	The elapsed time that the user task waited for one of these events: 1. One or more ECBs, passed to CICS by the user task using the EXEC CICS WAITCICS ECBLIST command, to be posted by the MVS POST command. 2. Completion of an event initiated by the same or by another user task.
zWTCEWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zICDELAY.<fieldname>

zICDELAY_S	TIME	8	The elapsed time that the user task waited as a result of issuing one of the following commands: 1. An interval control EXEC CICS DELAY command for a specified time interval. 2. An interval control EXEC CICS DELAY command for a specified time of day to expire. 3. An interval control EXEC CICS RETRIEVE command with the WAIT option specified.
zICDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zGVUPWAIT.<fieldname>

zGVUPWAIT_S	TIME	8	The elapsed time that the user task waited as a result of giving up control to another task.
zGVUPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zTSSHWAIT.<fieldname>

zTSSHWAIT_S	TIME	8	Elapsed time that the user task waited for an asynchronous shared temporary storage request to a temporary storage data server to complete.
zTSSHWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zCFDTPWAIT.<fieldname>

zCFDTPWAIT_S	TIME	8	The elapsed time in which the user task waited for a data table access request to the Coupling Facility Data Table server to complete.
zCFDTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSRVSYWTT.<fieldname>

zSRVSYWTT_S	TIME	8	Total elapsed time in which the user task waited for syncpoint or resynchronization processing using the Coupling Facility data tables server to complete.
zSRVSYWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRRMSWAIT.<fieldname>			
zRRMSWAIT_S	TIME	8	The elapsed time in which the user task waited indoubt using resource recovery services for EXCI.
zRRMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRUNTRWTT.<fieldname>			
zRUNTRWTT_S	TIME	8	The elapsed time in which the user task waited for completion of a transaction that ran as a result of the user task issuing a CICS BTS run process request and a run activity request synchronously.
zRUNTRWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSYNCDLY.<fieldname>			
zSYNCDLY_S	TIME	8	The elapsed time in which the user task waited for a syncpoint request to be issued by its parent transaction.
zSYNCDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSOIOWTT.<fieldname>			
zSOIOWTT_S	TIME	8	The elapsed time for which the user task waited for inbound socket I/O.
zSOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zIMSWAIT.<fieldname>			
zIMSWAIT_S	TIME	8	The elapsed time during which the user task waited for DBCTL to service the IMS requests issued by the user task.
zIMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDB2RDYQW.<fieldname>			
zDB2RDYQW_S	TIME	8	The elapsed time during which the user task waited for a Db2 thread to become available.
zDB2RDYQW_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDB2CONWT.<fieldname>			
zDB2CONWT_S	TIME	8	The elapsed time during which the user task waited for a Db2 connection to become available for use with the user task's open TCB.
zDB2CONWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zWMQGETWT.<fieldname>			
zWMQGETWT_S	TIME	8	The elapsed time during which the user task waited for WebSphere MQ to service the user task's GETWAIT request.
zWMQGETWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zJVMTIME.<fieldname>			
zJVMTIME_S	TIME	8	The total elapsed time spent in the JVM by the user task.
zJVMTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zJVMSUSP.<fieldname>			
zJVMSUSP_S	TIME	8	The elapsed time for which the user task was suspended by the CICS dispatcher while running in the JVM.
zJVMSUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSOOIOWTT.<fieldname>			
zSOOIOWTT_S	TIME	8	The total elapsed time that the user task waited on outbound sockets.
zSOOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRQRWAIT.<fieldname>			
zRQRWAIT_S	TIME	8	The elapsed time during which the request receiver user task CIRR (or user specified transaction ID) waited for any outstanding replies to be satisfied.
zRQRWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zRQPWAIT.<fieldname>			
zRQPWAIT_S	TIME	8	The elapsed time during which the request processor user task CIRP waited for any outstanding replies to be satisfied.
zRQPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zOTSINDWT.<fieldname>			
zOTSINDWT_S	TIME	8	The elapsed time in which the user task was dispatched or suspended indoubt (or both) while processing a syncpoint for an Object Transaction Service (OTS) syncpoint request.
zOTSINDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zJVMITIME.<fieldname>			
zJVMITIME_S	TIME	8	The elapsed time spent initializing the JVM environment.
zJVMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zJVMRTIME.<fieldname>			
zJVMRTIME_S	TIME	8	Reserved field, returns zero.
zJVMRTIME_N	INT	3	Reserved field, returns zero.

SMF110#01_Performance_Class_ADP1_PCO3.zPTPWAIT.<fieldname>			
zPTPWAIT_S	TIME	8	The elapsed time for which the user task waited for the 3270 bridge partner transaction to complete.
zPTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDSMMSCWT.<fieldname>			
zDSMMSCWT_S	TIME	8	The elapsed time that the user task spent waiting because no TCB was available and a TCB was not created because of MVS storage constraints.
zDSMMSCWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zISIWTT.<fieldname>			
zISIWTT_S	TIME	8	The elapsed time for which a user task waited for control at this end of an IPIIC connection.
zISIWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zJVMTHDWT.<fieldname>			
zJVMTHDWT_S	TIME	8	The elapsed time that the user task waited to obtain a JVM server thread because the CICS system had reached the thread limit for a JVM server in the CICS region.
zJVMTHDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zWMQASRBT.<fieldname>			
zWMQASRBT_S	TIME	8	The WebSphere MQ SRB time this transaction spent processing WebSphere MQ API requests.
zWMQASRBT_N	INT	3	Count of the number of time periods contributing to the total SRB time.

SMF110#01_Performance_Class_ADP1_PCO3.zTDILWTT.<fieldname>			
zTDILWTT_S	TIME	8	

			The elapsed time for which the user task waited for an intrapartition transient data lock (TDIPLOCK).
zTDILWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zTDELWTT.<fieldname>

zTDELWTT_S	TIME	8	The elapsed time for which the user task waited for an extrapartition transient data lock (TDEPLOCK).
zTDELWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zROMODDLY.<fieldname>

zROMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS RO TCB.
zROMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zSOMODDLY.<fieldname>

zSOMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS SO TCB.
zSOMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zISALWTT.<fieldname>

zISALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an IPIC session.
zISALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zTCALWTT.<fieldname>

zTCALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an MRO (Inter-Region Communication), LU6.1, or LU6.2 session.
zTCALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCO3.zDSAPTHWT.<fieldname>

zDSAPTHWT_S	TIME	8	The dispatcher allocated pthread wait time. This is the time that the transaction had to wait for a Liberty pthread to be allocated during links to Liberty programs.
zDSAPTHWT_N	INT	3	Count of the number of time periods contributing to the total wait time.

SMF110#01_Performance_Class_ADP1_PCO3.zRMITOTAL.<fieldname>

zRMITOTAL_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITOTAL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS Resource Manager Interface (RMI).

SMF110#01_Performance_Class_ADP1_PCO3.zRMIOOTHER.<fieldname>

zRMIOOTHER_S	TIME	8	The total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.
zRMIOOTHER_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.

SMF110#01_Performance_Class_ADP1_PCO3.zRMIDB2.<fieldname>

zRMIDB2_S	TIME	8	The total elapsed time spent in the CICS RMI for Db2 requests.
zRMIDB2_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for Db2 requests.

SMF110#01_Performance_Class_ADP1_PCO3.zRMIDBCTL.<fieldname>

zRMIDBCTL_S	TIME	8	The total elapsed time spent in the CICS RMI for DBCTL requests.
zRMIDBCTL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for DBCTL requests.

SMF110#01_Performance_Class_ADP1_PCO3.zRMIEXDLI.<fieldname>

zRMIEXDLI_S	TIME	8	The total elapsed time spent in the CICS RMI for EXEC DLI requests.
zRMIEXDLI_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for EXEC DLI requests.

SMF110#01_Performance_Class_ADP1_PCO3.zRMIMQM.<fieldname>

zRMIMQM_S	TIME	8	The total elapsed time spent in the CICS RMI for IBM MQ requests.
zRMIMQM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for IBM MQ requests.

SMF110#01_Performance_Class_ADP1_PCO3.zRMICPSM.<fieldname>

zRMICPSM_S	TIME	8	The total elapsed time spent in the CICS RMI for CICSplex SM requests.
zRMICPSM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICSplex SM requests.

SMF110#01_Performance_Class_ADP1_PCO3.zRMITCPIP.<fieldname>

zRMITCPIP_S	TIME	8	The total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.
zRMITCPIP_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.

Secondary segment: SMF110#01_Performance_Class_ADP1_PCT1

Field Name	Type	Len	Description
SMF110#01_Performance_Class_ADP1_PCT1.<fieldname>			
zTRAN	CHAR	4	ID=001 (DFHTASK) Transaction identification.
zTERM	CHAR	4	ID=002 (DFHTERM) Terminal or session identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	ID=089 (DFHCICS) User identification at task creation. This identification can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zTTYTYPE	CHAR	4	ID=004 (DFHTASK) Transaction start type. The high-order bytes (0 and 1) are set as follows: 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by front-end programming interface (FEPI).
zSTART	TSTMP	8	ID=005 (DFHCICS) Start time of measurement interval, which is one of the following times: - The time at which the user task was attached. - The time at which data recording was most recently reset in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zSTOP	TSTMP	8	ID=006 (DFHCICS) Finish time of measurement interval, which is one of the following times: - The time at which the user task was detached. - The time at which data recording was completed in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zTRANNUM	DEC	4 (7,0)	ID=031 (DFHTASK) Transaction identification number or 'III' for system initialisation, 'TCP' for terminal control.
zTRANPRI	INT	4	

			ID=109 (DFHTASK) Transaction priority when monitoring of the task was initialized.
zTCLSNAM	CHAR	8	ID=166 (DFHTASK) Transaction class name. This field is null if the transaction is not in a TRANCLASS.
zLUNAME	CHAR	8	ID=111 (DFHTERM) The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	ID=071 (DFHPROG) The name of the first program invoked at attach-time.
zNETUOWPX	CHAR	20	ID=097 (DFHTASK) Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zNETUOWSX	CHAR	8	ID=098 (DFHTASK) Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	ID=130 (DFHCICS) The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zPERRECNT	INT	4	ID=131 (DFHCICS) The number of performance class records written by the CICS Monitoring Facility (CMF) for the user task.
zRMUOWID	CHAR	8	ID=132 (DFHTASK) The identifier of the unit of work (unit of recovery) for this task.
zSRVCLASS	CHAR	8	ID=167 (DFHCICS) The z/OS Workload Manager (WLM) service class for this transaction.
zRPTCLASS	CHAR	8	ID=168 (DFHCICS) The z/OS Workload Manager (WLM) report class for this transaction.
zFCTYNAME	CHAR	4	ID=163 (DFHTASK) Transaction facility name. This field is null if the transaction is not associated with a facility.

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.<fieldname>

zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.zTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
---------	-----	---	-------------------------

zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Performance_Class_ADP1_PCT1.zTRANFLAG.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCT1.zTERMINFO.<fieldname>

zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.

SMF110#01_Performance_Class_ADP1_PCT1.<fieldname>

zTERMCNNM	CHAR	4	ID=169 (DFHTERM) Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).
zBRDGTRAN	CHAR	4	ID=124 (DFHTASK) Bridge listener transaction identifier. For CICS 3270 Bridge transactions, this field is the name of the Bridge listener transaction that attached the user task.
zRRMSURID	CHAR	16	ID=190 (DFHTASK) RRMS/MVS unit-of-recovery ID (URID).
zPRCSNAME	CHAR	36	ID=200 (DFHCBTS) The name of the CICS business transaction service (BTS) process of which the user task formed part.
zPRCSTYPE	CHAR	8	ID=201 (DFHCBTS) The process-type of the CICS BTS process of which the user task formed part.
zPRCSID	CHAR	52	ID=202 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYID	CHAR	52	ID=203 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYNM	CHAR	16	ID=204 (DFHCBTS) The name of the CICS BTS activity that the user task implemented.
zCLIPADDR	CHAR	40	ID=318 (DFH SOCK) The IP address of the client or Telnet client.
zTRNGRPID	CHAR	28	ID=082 (DFHTASK) The transaction group ID is assigned at transaction attach time, and can be used to correlate the transactions that CICS runs for the same incoming work request. For example, the CWXN and CWBA transactions for Web requests.
zNETID	CHAR	8	ID=197 (DFHTERM) NETID if a network qualified name has been received from the Communications Server. If it is a resource and the network qualified name has not yet been received, NETID is 8 blanks. In all other

			cases, it is nulls.
zRLUNAME	CHAR	8	ID=198 (DFHTERM) Real network name if a network qualified name has been received from the Communications Server.
zTCPSRVCE	CHAR	8	ID=245 (DFH SOCK) The TCP/IP service name that attached the user task.
zPORTNUM	INT	4	ID=246 (DFH SOCK) The TCP/IP port number of the TCP/IP service that attached the user task.
zOTSTID	CHAR	128	ID=194 (DFHTASK) This field is the first 128 bytes of the Object Transaction Service (OTS) Transaction ID (TID).
zCLIPPORT	INT	4	ID=330 (DFH SOCK) The TCP/IP port number of the originating client or Telnet client.
zISIPICNM	CHAR	8	ID=305 (DFH SOCK) The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zONETWKID	CHAR	8	ID=359 (DFHCICS) The network identifier from which this work request (transaction) originated.
zOAPPLID	CHAR	8	ID=360 (DFHCICS) The APPLID of the CICS region in which this work request (transaction) originated. For example, the region in which the CWXN task ran.
zOSTART	TSTMP	8	ID=361 (DFHCICS) The time at which the originating task, for example the CWXN task, was started.
zOTRANNUM	DEC	4 (7,0)	ID=362 (DFHCICS) The number of the originating task. For example, the CWXN task.
zOTRAN	CHAR	4	ID=363 (DFHCICS) The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zOUSERID	CHAR	8	ID=364 (DFHCICS) The originating Userid-2 or Userid-1, for example from CWBA, depending on the originating task.
zOUSERCOR	CHAR	64	ID=365 (DFHCICS) The originating user correlator.
zOTCPSVCE	CHAR	8	ID=366 (DFHCICS) The name of the originating TCPIP SERVICE.
zOPORTNUM	INT	4	ID=367 (DFHCICS) The port number used by the originating TCPIP SERVICE.
zOCLIPADR	CHAR	40	ID=372 (DFHCICS) The IP address of the originating client or Telnet client.
zOCLIPORT	INT	4	ID=369 (DFHCICS) The TCP/IP port number of the originating client or Telnet client.

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.<fieldname>

zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS

zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class_ADP1_PCT1.zOTRANFLG.<fieldname>

zOFCTYNME	CHAR	8	ID=371 (DFHCICS) The facility name of the originating transaction.
zWBURIMNM	CHAR	8	ID=380 (DFHWEBB) For CICS web support, Atom feeds, and web service applications, the name of the URIMAP resource definition that was mapped to the URI of the inbound request that was processed by this task.
zWBPIPLNM	CHAR	8	ID=381 (DFHWEBB) For web service applications, the name of the PIPELINE resource definition that was used to provide information about the message handlers that act on the service request processed by this task.
zWBATMSNM	CHAR	8	ID=382 (DFHWEBB) For Atom feeds, the name of the ATOMSERVICE resource definition that was used to process this task.
zWBSVCENM	CHAR	32	ID=383 (DFHWEBB) For web service applications, the name of the WEBSERVICE resource definition that was used to process this task.
zWBSVOPNM	CHAR	64	ID=384 (DFHWEBB) For web service applications, the first 64 bytes of the web service operation name.
zWBPROGNM	CHAR	8	ID=385 (DFHWEBB) For CICS web support, the name of the program from the URIMAP resource definition that was used to provide the application-generated response to the HTTP request processed by this task.
zPHNTWKID	CHAR	8	ID=373 (DFHCICS) The network identifier of the CICS system of an immediately previous task in another CICS system with which this task is associated.
zPHAPPLID	CHAR	8	ID=374 (DFHCICS) The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHSTART	TSTMP	8	ID=375 (DFHCICS) The start time of the immediately previous task in another CICS system with which this task is associated.

zPHTRANNO	DEC	4 (7,0)	ID=376 (DFHCICS) The task number of the immediately previous task in another CICS system with which this task is associated.
zPHTRAN	CHAR	4	ID=377 (DFHCICS) The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHCOUNT	INT	4	ID=378 (DFHCICS) The number of times there has been a request from one CICS system to another CICS system to initiate a task with which this task is associated.
zOADID	CHAR	64	ID=351 (DFHCICS) The adapter identifier added to the origin data by the adapter.
zOADATA1	CHAR	64	ID=352 (DFHCICS) The data added to the origin data by the adapter.
zOADATA2	CHAR	64	ID=353 (DFHCICS) The data added to the origin data by using the adapter.
zOADATA3	CHAR	64	ID=354 (DFHCICS) The data added to the origin data by the adapter.
zSOCIPHER	HEX	4	ID=320 (DFH SOCK) Identifies the code for the cipher suite that was selected during the SSL handshake for use on the inbound connection, for example X'0000002F'.
zCECMCHTP	CHAR	4	ID=430 (DFHTASK) The CEC machine type, in EBCDIC, for the physical hardware environment where the CICS region is running.
zCECMDLID	CHAR	16	ID=431 (DFHTASK) The CEC model number, in EBCDIC, for the physical hardware environment where the CICS region is running.
zMAXTASKS	INT	4	ID=433 (DFHTASK) The MXT or MAXTASKS value, expressed as a number of tasks, for the CICS region at the time the user task was attached.
zCURTASKS	INT	4	ID=434 (DFHTASK) The current number of active user transactions in the system at the time the user task was attached.
zACAPPLNM	CHAR	64	ID=451 (DFHTASK) The 64-character name of the application in the application context data.
zACPLATNM	CHAR	64	ID=452 (DFHTASK) The 64-character name of the platform in the application context data.
zACMAJVER	INT	4	ID=453 (DFHTASK) The major version of the application in the application context data, expressed as a 4-byte binary value.
zACMINVER	INT	4	ID=454 (DFHTASK) The minor version of the application in the application context data, expressed as a 4-byte binary value.
zACMICVER	INT	4	ID=455 (DFHTASK) The micro version of the application in the application context data, expressed as a 4-byte binary value.
zACOPERNM	CHAR	64	ID=456 (DFHTASK) The 64-character name of the operation in the application context data.

SMF110#01_Performance_Class_ADP1_PCT1.zTASKFLAG.<fieldname>

zClockErr	BIT	1	Detected an attempt either to start a user clock that was already running or to stop one that was not running.
-----------	-----	---	--

SMF110#01_Performance_Class_ADP1_PCT1.<fieldname>

zABCODEO	CHAR	4	ID=113 (DFHPROG) Original abend code.
zABCODEC	CHAR	4	ID=114 (DFHPROG) Current abend code.
zRTYPE	CHAR	4	ID=112 (DFHCICS) Performance record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTCMSGIN1	INT	4	ID=034 (DFHTERM) Number of messages received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHRIN1	INT	4	ID=083 (DFHTERM) Number of characters received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGOU1	INT	4	ID=035 (DFHTERM) Number of messages sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).

zTCCHROU1	INT	4	ID=084 (DFHTERM) Number of characters sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGIN2	INT	4	ID=067 (DFHTERM) Number of messages received from the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHRIN2	INT	4	ID=085 (DFHTERM) Number of characters received from the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCMSGOU2	INT	4	ID=068 (DFHTERM) Number of messages sent to the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHROU2	INT	4	ID=086 (DFHTERM) Number of characters sent to the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCM62IN2	INT	4	ID=135 (DFHTERM) Number of messages received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62IN2	INT	4	ID=137 (DFHTERM) Number of characters received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCM62OU2	INT	4	ID=136 (DFHTERM) Number of messages sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62OU2	INT	4	ID=138 (DFHTERM) Number of characters sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCALLOCT	INT	4	ID=069 (DFHTERM) Number of TCTTE ALLOCATE requests issued by the user task for LUTYPE6.2 (APPC), LUTYPE6.1, and IRC sessions.
zSCUGETCT_Below	INT	4	ID=054 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the UDSA.
zSCUGETCT_Above	INT	4	ID=105 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the extended user dynamic storage area (EUDSA).
zSCCGETCT_Below	INT	4	ID=117 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the CDSA.
zSCCGETCT_Above	INT	4	ID=120 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the ECDSA.
zSCUSRHWM_Below	INT	4	ID=033 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the user dynamic storage area (UDSA).
zSCUSRHWM_Above	INT	4	ID=106 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the EUDSA.
zSC24CHWM	INT	4	ID=116 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zSC31CHWM	INT	4	ID=119 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zSCUSRSTG_Below	INT	8	ID=095 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the UDSA. This measures the area under the curve of storage in use against elapsed time.
zSCUSRSTG_Above	INT	8	ID=107 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the EUDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24COCC	INT	8	ID=118 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the CDSA. This measures the area under the curve of storage in use against elapsed time.
zSC31COCC	INT	8	ID=121 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24SGCT	INT	4	ID=144 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage below the 16 MB line, in the CDSA or SDSA.
zSC24GSHR	INT	4	ID=145 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC24FSHR	INT	4	

			ID=146 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC31SGCT	INT	4	ID=147 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the 16 MB line, in the ECDSA or ESDSA.
zSC31GSHR	INT	4	ID=148 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC31FSHR	INT	4	ID=149 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC64CGCT	INT	4	ID=441 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the CICS dynamic storage area (GCDSA).
zSC64CHWM	INT	4	ID=442 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
zSC64UGCT	INT	4	ID=443 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the user dynamic storage area (GUDSA).
zSC64UHWM	INT	4	ID=444 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
zSC64SGCT	INT	4	ID=445 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the bar, in the GCDSA or GSDSA.
zSC64GSHR	INT	4	ID=446 (DFHSTOR) Amount of shared storage obtained by the user task by using a GETMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zSC64FSHR	INT	4	ID=447 (DFHSTOR) Amount of shared storage released by the user task by using a FREEMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zPCSTGHWM	INT	4	ID=087 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task both above and below the 16 MB line.
zPC31AHWM	INT	4	ID=139 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line.
zPC24BHWM	INT	4	ID=108 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line.
zPC31CHWM	INT	4	ID=142 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zPC24CHWM	INT	4	ID=143 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zPC31RHWM	INT	4	ID=122 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended read-only dynamic storage area (ERDSA).
zPC24RHWM	INT	4	ID=162 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the read-only dynamic storage area (RDSA).
zPC31SHWM	INT	4	ID=161 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended shared dynamic storage area (ESDSA).
zPC24SHWM	INT	4	ID=160 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the shared dynamic storage area (SDSA).
zFCGETCT	INT	4	ID=036 (DFHFILE) Number of file GET requests issued by the user task.
zFCPUTCT	INT	4	ID=037 (DFHFILE) Number of file PUT requests issued by the user task.

zFCBRWCT	INT	4	ID=038 (DFHFILE) Number of file browse requests issued by the user task. This number excludes the START and END browse requests.
zFCADDCT	INT	4	ID=039 (DFHFILE) Number of file ADD requests issued by the user task.
zFCDELCT	INT	4	ID=040 (DFHFILE) Number of file DELETE requests issued by the user task.
zFCTOTCT	INT	4	ID=093 (DFHFILE) Total number of file control requests issued by the user task. This number excludes any request for OPEN, CLOSE, ENABLE, or DISABLE of a file.
zFCAMCT	INT	4	ID=070 (DFHFILE) Number of times the user task invoked file access-method interfaces. This number excludes requests for OPEN and CLOSE.
zTDGETCT	INT	4	ID=041 (DFHDEST) Number of transient data GET requests issued by the user task.
zTDPUTCT	INT	4	ID=042 (DFHDEST) Number of transient data PUT requests issued by the user task.
zTDPURCT	INT	4	ID=043 (DFHDEST) Number of transient data PURGE requests issued by the user task.
zTDTOTCT	INT	4	ID=091 (DFHDEST) Total number of transient data requests issued by the user task.
zTSGETCT	INT	4	ID=044 (DFHTEMP) Number of temporary storage GET requests to auxiliary or main temporary storage issued by the user task.
zTSPUACT	INT	4	ID=046 (DFHTEMP) Number of PUT requests to auxiliary temporary storage issued by the user task.
zTSPUMCT	INT	4	ID=047 (DFHTEMP) Number of PUT requests to main temporary storage issued by the user task.
zTSGETSCT	INT	4	ID=460 (DFHTEMP) Number of temporary storage GET requests from shared temporary storage issued by the user task.
zTSPUSCT	INT	4	ID=461 (DFHTEMP) Number of temporary storage PUT requests to shared temporary storage issued by the user task.
zTSTOTCT	INT	4	ID=092 (DFHTEMP) Total number of temporary storage requests issued by the user task.
zBMSMAPCT	INT	4	ID=050 (DFHMAPP) Number of BMS MAP requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that did not incur a terminal I/O, and the number of RECEIVE MAP FROM requests.
zBMSINCT	INT	4	ID=051 (DFHMAPP) Number of BMS IN requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that incurred a terminal I/O.
zBMSOUTCT	INT	4	ID=052 (DFHMAPP) Number of BMS OUT requests issued by the user task. This field corresponds to the number of SEND MAP requests.
zBMSTOTCT	INT	4	ID=090 (DFHMAPP) Total number of BMS requests issued by the user task.
zPCLINKCT	INT	4	ID=055 (DFHPROG) Number of program LINK and INVOKE APPLICATION requests issued by the user task, including the link to the first program of the user task.
zPCXCTLCT	INT	4	ID=056 (DFHPROG) Number of program XCTL requests issued by the user task.
zPCLOADCT	INT	4	ID=057 (DFHPROG) Number of program LOAD requests issued by the user task.
zPCLURMCT	INT	4	ID=072 (DFHPROG) Number of program LINK URM (user-replaceable module) requests issued by, or on behalf of, the user task.
zPCDPLCT	INT	4	ID=073 (DFHPROG) Number of distributed program link (DPL) requests issued by the user task.
zPCDLCSDL	INT	4	ID=286 (DFHPROG) The total length, in bytes, of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCDLCRDL	INT	4	ID=287 (DFHPROG) The total length, in bytes, of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task.

zPCLNKCCT	INT	4	ID=306 (DFHPROG) Number of local program LINK and INVOKE APPLICATION requests, with the CHANNEL option, issued by the user task.
zPCXCLCCT	INT	4	ID=307 (DFHPROG) Number of program XCTL requests issued with the CHANNEL option by the user task.
zPCDPLCCT	INT	4	ID=308 (DFHPROG) Number of program distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCRTNCCT	INT	4	ID=309 (DFHPROG) Number of remote pseudoconversational RETURN requests, with the CHANNEL option, issued by the user task.
zPCRTNCDL	INT	4	ID=310 (DFHPROG) The total length, in bytes, of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task.
zJNLWRTCT	INT	4	ID=058 (DFHJOUR) Number of journal write requests issued by the user task.
zLOGWRTCT	INT	4	ID=172 (DFHJOUR) Number of CICS log stream write requests issued by the user task.
zICPUINCT	INT	4	ID=059 (DFHTASK) Number of interval control START or INITIATE requests during the user task.
zICTOTCT	INT	4	ID=066 (DFHTASK) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zICSTACCT	INT	4	ID=065 (DFHTASK) Total number of local interval control START requests, with the CHANNEL option, issued by the user task.
zICSTACDL	INT	4	ID=345 (DFHTASK) Total length, in bytes, of the data in the containers of all the locally executed START CHANNEL requests issued by the user task.
zICSTRCCT	INT	4	ID=346 (DFHTASK) Total number of interval control START CHANNEL requests, to be run on remote systems, issued by the user task.
zICSTRCDL	INT	4	ID=347 (DFHTASK) Total length, in bytes, of the data in the containers of all the remotely executed START CHANNEL requests issued by the user task.
zSPSYNCCT	INT	4	ID=060 (DFHSYNC) Number of SYNCPOINT requests issued during the user task.
zCFCAPICT	INT	4	ID=025 (DFHCICS) Number of CICS OO foundation class requests, including the Java API for CICS (JCICS) classes, issued by the user task.
zSZALLOCT	INT	4	ID=150 (DFHFEPI) Number of conversations allocated by the user task. This number is incremented for each FEPI ALLOCATE POOL or FEPI CONVERSE POOL.
zSZRCVCT	INT	4	ID=151 (DFHFEPI) Number of FEPI RECEIVE requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSENDCT	INT	4	ID=152 (DFHFEPI) Number of FEPI SEND requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSTRTCT	INT	4	ID=153 (DFHFEPI) Number of FEPI START requests made by the user task.
zSZCHROUT	INT	4	ID=154 (DFHFEPI) Number of characters sent through FEPI by the user task.
zSZCHRIN	INT	4	ID=155 (DFHFEPI) Number of characters received through FEPI by the user task.
zSZALLCTO	INT	4	ID=157 (DFHFEPI) Number of times the user task timed out while waiting to allocate a conversation.
zSZRCVTO	INT	4	ID=158 (DFHFEPI) Number of times the user task timed out while waiting to receive data.
zSZTOTCT	INT	4	ID=159 (DFHFEPI) Total number of all FEPI API and SPI requests made by the user task.
zBARSYNCT	INT	4	ID=205 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity synchronously.
zBARASYCT	INT	4	ID=206 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity

			asynchronously.
zBALKPACT	INT	4	ID=207 (DFHCBTS) The number of CICS BTS link process, or link activity, requests that the user task issued.
zBADPROCT	INT	4	ID=208 (DFHCBTS) The number of CICS BTS define process requests issued by the user task.
zBADACTCT	INT	4	ID=209 (DFHCBTS) The number of CICS BTS define activity requests issued by the user task.
zBARSPACT	INT	4	ID=210 (DFHCBTS) The number of CICS BTS reset process and reset activity requests issued by the user task.
zBASUPACT	INT	4	ID=211 (DFHCBTS) The number of CICS BTS suspend process, or suspend activity, requests issued by the user task.
zBARMPACT	INT	4	ID=212 (DFHCBTS) The number of CICS BTS resume process, or resume activity, requests issued by the user task.
zBADCPACT	INT	4	ID=213 (DFHCBTS) The number of CICS BTS delete activity, cancel process, or cancel activity, requests issued by the user task.
zBAACQPCT	INT	4	ID=214 (DFHCBTS) The number of CICS BTS acquire process, or acquire activity, requests issued by the user task.
zBATOTPCT	INT	4	ID=215 (DFHCBTS) Total number of CICS BTS process and activity requests issued by the user task.
zBAPRDCCT	INT	4	ID=216 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for process data containers issued by the user task.
zBAACDCCT	INT	4	ID=217 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for current activity data containers issued by the user task.
zBATOTCCT	INT	4	ID=218 (DFHCBTS) Total number of CICS BTS delete, get, move, or put, process container and activity container requests issued by the user task.
zBARATECT	INT	4	ID=219 (DFHCBTS) The number of CICS BTS retrieve-reattach event requests issued by the user task.
zBADFIECT	INT	4	ID=220 (DFHCBTS) The number of CICS BTS define-input event requests issued by the user task.
zBATIAECT	INT	4	ID=221 (DFHCBTS) The number of CICS BTS DEFINE TIMER EVENT, CHECK TIMER EVENT, DELETE TIMER EVENT, and FORCE TIMER EVENT requests issued by the user task.
zBATOTECT	INT	4	ID=222 (DFHCBTS) Total number of CICS BTS event-related requests issued by the user task.
zWBRCVCT	INT	4	ID=231 (DFHWEBB) The number of CICS web support RECEIVE requests issued by the user task.
zWBCHRIN	INT	4	ID=232 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE requests issued by the user task.
zWBSENDCT	INT	4	ID=233 (DFHWEBB) The number of CICS web support SEND requests issued by the user task.
zWBCHROUT	INT	4	ID=234 (DFHWEBB) The number of bytes sent by the CICS web support SEND requests issued by the user task.
zWBTOTCT	INT	4	ID=235 (DFHWEBB) The total number of CICS web support requests issued by the user task.
zWBREPRCT	INT	4	ID=236 (DFHWEBB) The number of reads from the repository in temporary storage issued by the user task.
zWBREPWCT	INT	4	ID=237 (DFHWEBB) The number of writes to the repository in temporary storage issued by the user task.
zWBEXTRCT	INT	4	ID=238 (DFHWEBB) The number of CICS web support EXTRACT requests issued by the user task.
zWBRRWCT	INT	4	ID=239 (DFHWEBB) The number of CICS web support browsing requests for HTTPHEADER, FORMFIELD, and QUERYPARM (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task.
zWBREADCT	INT	4	ID=224 (DFHWEBB) The number of CICS web support READ HTTPHEADER, READ FORMFIELD, and READ QUERYPARM requests issued by the user task.

zWBWRITCT	INT	4	ID=225 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task.
zDHCRECT	INT	4	ID=226 (DFHDOCH) The number of document handler CREATE requests issued by the user task.
zDHINSCT	INT	4	ID=227 (DFHDOCH) The number of document handler INSERT requests issued by the user task.
zDHSETCT	INT	4	ID=228 (DFHDOCH) The number of document handler SET requests issued by the user task.
zDHRETCT	INT	4	ID=229 (DFHDOCH) The number of document handler RETRIEVE requests issued by the user task.
zDHDELCT	INT	4	ID=223 (DFHDOCH) The number of document handler DELETE requests issued by the user task.
zDHTOTCT	INT	4	ID=230 (DFHDOCH) The total number of document handler requests issued by the user task.
zDHTOTDCL	INT	4	ID=240 (DFHDOCH) The total length of all documents created by the user task.
zSOBYENCT	INT	4	ID=242 (DFH SOCK) The number of bytes encrypted by the secure sockets layer for the user task.
zSOBYDECT	INT	4	ID=243 (DFH SOCK) The number of bytes decrypted by the secure sockets layer for the user task.
zSOEXTRCT	INT	4	ID=289 (DFH SOCK) The number of EXTRACT TCP/IP and EXTRACT CERTIFICATE requests issued by the user task.
zSOCNPST	INT	4	ID=290 (DFH SOCK) The total number of requests made by the user task to create a nonpersistent outbound socket.
zSOCPSCT	INT	4	ID=291 (DFH SOCK) The total number of requests made by the user task to create a persistent outbound socket.
zSONPSHWM	INT	4	ID=292 (DFH SOCK) The peak number of nonpersistent outbound sockets owned by the user task.
zSOPSHWM	INT	4	ID=293 (DFH SOCK) The peak number of persistent outbound sockets owned by the user task.
zSORCVCT	INT	4	ID=294 (DFH SOCK) The total number of receive requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHRIN	INT	4	ID=295 (DFH SOCK) The total number of bytes received on outbound sockets by the user task.
zSOSENDCT	INT	4	ID=296 (DFH SOCK) The total number of send requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHROUT	INT	4	ID=297 (DFH SOCK) The total number of bytes sent on outbound sockets by the user task.
zSOTOTCT	INT	4	ID=298 (DFH SOCK) The total number of socket requests issued by the user task.
zSOMSGIN1	INT	4	ID=301 (DFH SOCK) The number of inbound socket receive requests issued by the user task.
zSOCHRIN1	INT	4	ID=302 (DFH SOCK) The number of characters received by inbound socket receive requests issued by the user task.
zSOMSGOU1	INT	4	ID=303 (DFH SOCK) The number of inbound socket send requests issued by the user task.
zSOCHROU1	INT	4	ID=304 (DFH SOCK) The number of characters sent by inbound socket send requests issued by the user task.
zIMSREQCT	INT	4	ID=179 (DFHDATA) The number of IMS (DBCTL) requests issued by the user task.
zDB2REQCT	INT	4	ID=180 (DFHDATA) The total number of Db2 EXEC SQL and Instrumentation Facility Interface (IFI) requests issued by the user task.
zWWMREQCT	INT	4	ID=395 (DFHDATA) The total number of WebSphere MQ requests issued by the user task.
zTCBATTCT	INT	4	ID=251 (DFHTASK) The number of CICS TCBS attached by or on behalf of the user task.

zDSTCBHWM	INT	4	ID=252 (DFHTASK) The peak number of CICS open TCBs (in TCB modes L8, L9, S8, T8, X8, and X9) that have been concurrently allocated to the user task.
zWBREDOCT	INT	4	ID=331 (DFHWEBB) The number of CICS web support READ HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBWRTOCT	INT	4	ID=332 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBRCVIN1	INT	4	ID=333 (DFHWEBB) The number of CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHRIN1	INT	4	ID=334 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBSNDOU1	INT	4	ID=335 (DFHWEBB) The number of CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHROU1	INT	4	ID=336 (DFHWEBB) The number of bytes sent by the CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBPARSCT	INT	4	ID=337 (DFHWEBB) The number of CICS web support PARSE URL requests issued by the user task.
zWBRRWOCT	INT	4	ID=338 (DFHWEBB) The number of CICS web support BROWSE HTTPHEADER requests (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task when CICS is an HTTP client.
zWBIWBSCT	INT	4	ID=340 (DFHWEBB) The number of EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE requests issued by the user task.
zWBREPRDL	INT	4	ID=341 (DFHWEBB) The total length, in bytes, of the data read from the repository in temporary storage by the user task.
zWBREPWDL	INT	4	ID=342 (DFHWEBB) The total length, in bytes, of the data written to the repository in temporary storage by the user task.
zPGTOTCCT	INT	4	ID=321 (DFHCHNL) The number of CICS requests for channel containers issued by the user task.
zPGBRWCCT	INT	4	ID=322 (DFHCHNL) The number of CICS browse requests for channel containers issued by the user task.
zPGGETCCT	INT	4	ID=323 (DFHCHNL) The number of GET CONTAINER and GET64 CONTAINER requests for channel containers issued by the user task.
zPGPUTCCT	INT	4	ID=324 (DFHCHNL) The number of PUT CONTAINER and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGMOVCCT	INT	4	ID=325 (DFHCHNL) The number of MOVE CONTAINER requests for channel containers issued by the user task.
zPGGETCDL	INT	4	ID=326 (DFHCHNL) The total length, in bytes, of the data in the containers of all the GET CONTAINER CHANNEL and GET64 CONTAINER CHANNEL commands issued by the user task.
zPGPUTCDL	INT	4	ID=327 (DFHCHNL) The total length, in bytes, of the data in the containers of all the PUT CONTAINER CHANNEL and PUT64 CONTAINER CHANNEL commands issued by the user task.
zPGCRECCT	INT	4	ID=328 (DFHCHNL) The number of containers created by MOVE, PUT CONTAINER, and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGCSTHWM	INT	4	ID=329 (DFHCHNL) Maximum amount (high-water mark), in bytes, of container storage allocated to the user task.
zISALLOCT	INT	4	ID=288 (DFHSOCK) The number of allocate session requests issued by the user task for sessions using IPIC.
zEICTOTCT	INT	4	ID=402 (DFHCICS) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zECSIGECT	INT	4	ID=415 (DFHCICS) The number of EXEC CICS SIGNAL EVENT commands issued by the user task.

zECEFOPCT	INT	4	ID=416 (DFHCICS) The number of event filter operations performed by the user task.
zECEVNTCT	INT	4	ID=417 (DFHCICS) The number of events captured by the user task.
zECSEVCCT	INT	4	ID=418 (DFHCICS) The number of synchronous emission events captured by the user task.
zTIASKTCT	INT	4	ID=405 (DFHCICS) The number of EXEC CICS ASKTIME commands issued by the user task.
zTITOTCT	INT	4	ID=406 (DFHCICS) The total number of EXEC CICS ASKTIME, CONVERTTIME, and FORMATTIME commands issued by the user task.
zBFDGSTCT	INT	4	ID=408 (DFHCICS) The total number of EXEC CICS BIF DIGEST commands issued by the user task.
zBFTOTCT	INT	4	ID=409 (DFHCICS) The total number of EXEC CICS BIF DEEDIT and BIF DIGEST commands issued by the user task.
zMLXSSTDL	INT	4	ID=412 (DFHWEBB) The total length of the documents that were parsed using the z/OS XML System Services parser.
zMLXMLTCT	INT	4	ID=413 (DFHWEBB) The number of EXEC CICS TRANSFORM commands issued by the user task.
zWSACBLCT	INT	4	ID=420 (DFHWEBB) The number of EXEC CICS WSACONTEXT BUILD commands issued by the user task.
zWSACGTCT	INT	4	ID=421 (DFHWEBB) The number of EXEC CICS WSACONTEXT GET commands issued by the user task.
zWSAEPCT	INT	4	ID=422 (DFHWEBB) The number of EXEC CICS WSAEPR CREATE commands issued by the user task.
zWSATOTCT	INT	4	ID=423 (DFHWEBB) The total number of EXEC CICS WS-Addressing commands issued by the user task.
zWBSFCRCT	INT	4	ID=386 (DFHWEBB) The number of EXEC CICS SOAPFAULT CREATE commands issued by the user task.
zWBSFTOCT	INT	4	ID=387 (DFHWEBB) The total number of EXEC CICS SOAPFAULT ADD, CREATE, and DELETE commands issued by the user task.
zWBISSFCT	INT	4	ID=388 (DFHWEBB) The total number of SOAP faults received in response to the EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE commands issued by the user task.
zWBSREQBL	INT	4	ID=390 (DFHWEBB) For web service applications, the SOAP request body length.
zWBSRSPBL	INT	4	ID=392 (DFHWEBB) For web service applications, the SOAP response body length.
zWBJSNRQL	INT	4	ID=424 (DFHWEBB) For JSON web service applications, the JSON message request length.
zWBJSNRPL	INT	4	ID=425 (DFHWEBB) For JSON web service applications, the JSON message response length.
zMPRTXCD	INT	4	ID=449 (DFHCICS) The number of policy task rule thresholds that this task has exceeded.
zNCGETCT	INT	4	ID=464 (DFHCICS) The total number of requests to a named counter server to satisfy EXEC CICS GET COUNTER and EXEC CICS GET DCOUNTER commands issued by the user task.

SMF110#01_Performance_Class_ADP1_PCT1.zUSRDISPT.<fieldname>

zUSRDISPT_S	TIME	8	Total elapsed time during which the user task was dispatched on each CICS TCB under which the task ran.
zUSRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zUSRCPUT.<fieldname>

zUSRCPUT_S	TIME	8	Processor time for which the user task was dispatched on each CICS TCB under which the task ran.
zUSRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zCPUTONCP.<fieldname>			
zCPUTONCP_S	TIME	8	The total task processor time on a standard processor for which the user task was dispatched on each CICS TCB under which the task ran.
zCPUTONCP_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zOFFLCPUT.<fieldname>			
zOFFLCPUT_S	TIME	8	The total task processor time that was spent on a standard processor but was eligible for offload to a specialty processor (zIIP or zAAP).
zOFFLCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zSUSPTIME.<fieldname>			
zSUSPTIME_S	TIME	8	Total elapsed wait time for which the user task was suspended by the dispatcher.
zSUSPTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDISPWT.<fieldname>			
zDISPWT_S	TIME	8	Elapsed time for which the user task waited for redispach. This time is the aggregate of the wait times between each event completion and user-task redispach.
zDISPWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zQRDISPT.<fieldname>			
zQRDISPT_S	TIME	8	The elapsed time for which the user task was dispatched on the CICS QR TCB.
zQRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zQRCPUT.<fieldname>			
zQRCPUT_S	TIME	8	The processor time for which the user task was dispatched on the CICS QR TCB.
zQRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zMSDISPT.<fieldname>			
zMSDISPT_S	TIME	8	Elapsed time for which the user task was dispatched on each CICS TCB.
zMSDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zMSCPUT.<fieldname>			
zMSCPUT_S	TIME	8	The processor time for which the user task was dispatched on each CICS TCB.
zMSCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zRODISPT.<fieldname>			
zRODISPT_S	TIME	8	The elapsed time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zRODISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zROCPUT.<fieldname>			
zROCPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD,

			XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zROCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zKY8DISPT.<fieldname>

zKY8DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zKY8CPUT.<fieldname>

zKY8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zKY9DISPT.<fieldname>

zKY9DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zKY9CPUT.<fieldname>

zKY9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zL8CPUT.<fieldname>

zL8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L8 mode TCB.
zL8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zL9CPUT.<fieldname>

zL9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L9 mode TCB.
zL9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zS8CPUT.<fieldname>

zS8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS S8 mode TCB.
zS8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zX8CPUT.<fieldname>

zX8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X8 mode TCB.
zX8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zX9CPUT.<fieldname>

zX9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X9 mode TCB.
zX9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zT8CPUT.<fieldname>			
zT8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS T8 mode TCB.
zT8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zQRMODDLY.<fieldname>			
zQRMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS QR mode TCB.
zQRMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zMXTOTDLY.<fieldname>			
zMXTOTDLY_S	TIME	8	The elapsed time in which the user task waited to obtain a CICS L8 or L9 mode open TCB, because the region had reached the limit set by CICS for these TCBs.
zMXTOTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zMAXXTDLY.<fieldname>			
zMAXXTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS XP TCB (X8 or X9 mode), because the CICS system reached the limit set by CICS for these types of TCB.
zMAXXTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zMAXSTDLY.<fieldname>			
zMAXSTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system reached the limit set by the system initialization parameter MAXSSLTCBS.
zMAXSTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zMAXTTDLY.<fieldname>			
zMAXTTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a T8 TCB, because the CICS system reached the limit of available threads.
zMAXTTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDSTCBMWT.<fieldname>			
zDSTCBMWT_S	TIME	8	The elapsed time that the user task spent in TCB mismatch waits. That is, waiting because no available TCB matched the request, but at least one non matching TCB was free.
zDSTCBMWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDSCHMDLY.<fieldname>			
zDSCHMDLY_S	TIME	8	The elapsed time in which the user task waited for redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task.
zDSCHMDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zEXWTTIME.<fieldname>			
zEXWTTIME_S	TIME	8	The total elapsed time for which the user waited on exception conditions.
zEXWTTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zTCIOWTT.<fieldname>			
zTCIOWTT_S	TIME	8	Elapsed time for which the user task waited for input from the terminal operator after issuing a RECEIVE request.
zTCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zFCIOWTT.<fieldname>			
zFCIOWTT_S	TIME	8	Elapsed time in which the user task waited for file I/O.
zFCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zFCXCWTT.<fieldname>			
zFCXCWTT_S	TIME	8	The elapsed time in which the user task waited for exclusive control of a VSAM control interval.
zFCXCWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zFCVSWTT.<fieldname>			
zFCVSWTT_S	TIME	8	The elapsed time in which the user task waited for a VSAM string.
zFCVSWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zJCIOWTT.<fieldname>			
zJCIOWTT_S	TIME	8	Elapsed time for which the user task waited for journal (logstream) I/O.
zJCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zTSIOWTT.<fieldname>			
zTSIOWTT_S	TIME	8	Elapsed time for which the user task waited for VSAM temporary storage I/O.
zTSIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zIRIOWTT.<fieldname>			
zIRIOWTT_S	TIME	8	Elapsed time for which the user task waited for control at this end of an MRO link.
zIRIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zTDIOWTT.<fieldname>			
zTDIOWTT_S	TIME	8	Elapsed time in which the user waited for VSAM transient data I/O.
zTDIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zPCLOADTM.<fieldname>			
zPCLOADTM_S	TIME	8	Elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations.
zPCLOADTM_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class_ADP1_PCT1.zDSPDELAY.<fieldname>			
zDSPDELAY_S	TIME	8	The elapsed time waiting for first dispatch.
zDSPDELAY_N	INT	3	Number of waits.
SMF110#01_Performance_Class_ADP1_PCT1.zTCLDELAY.<fieldname>			
zTCLDELAY_S	TIME	8	The elapsed time waiting for first dispatch, which was delayed because of the limits set for the transaction class of this transaction (zTCLSNAM) being reached.
zTCLDELAY_N	INT	3	Number of waits.
SMF110#01_Performance_Class_ADP1_PCT1.zMXTDELAY.<fieldname>			
zMXTDELAY_S	TIME	8	The elapsed time waiting for the first dispatch, which was delayed because of the limits set by the system parameter, MXT, being reached.
zMXTDELAY_N	INT	3	Number of waits.
SMF110#01_Performance_Class_ADP1_PCT1.zENQDELAY.<fieldname>			

zENQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control local enqueue.
zENQDELAY_N	INT	3	The number of local enqueues.

SMF110#01_Performance_Class_ADP1_PCT1.zGNQDELAY.<fieldname>

zGNQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control global enqueue.
zGNQDELAY_N	INT	3	The number of global enqueues.

SMF110#01_Performance_Class_ADP1_PCT1.zLU61WTT.<fieldname>

zLU61WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.1 connection or session.
zLU61WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zLU62WTT.<fieldname>

zLU62WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.2 (APPC) connection or session.
zLU62WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zSZWAIT.<fieldname>

zSZWAIT_S	TIME	8	Elapsed time in which the user task waited for all FEPI services.
zSZWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRMITIME.<fieldname>

zRMITIME_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRMISUSP.<fieldname>

zRMISUSP_S	TIME	8	The total elapsed time that the task was suspended by the CICS dispatcher while in the CICS Resource Manager Interface (RMI).
zRMISUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zSYNCTIME.<fieldname>

zSYNCTIME_S	TIME	8	Total elapsed time for which the user task was dispatched and was processing syncpoint requests.
zSYNCTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRLSWAIT.<fieldname>

zRLSWAIT_S	TIME	8	Elapsed time in which the user task waited for RLS file I/O.
zRLSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRLSCPUT.<fieldname>

zRLSCPUT_S	TIME	8	For RLS requests issued only from the QR TCB, this value is the RLS File Request SRB CPU time that this transaction spent processing RLS file requests.
zRLSCPUT_N	INT	3	Count of the number of time periods contributing to the total CPU SRB processor time.

SMF110#01_Performance_Class_ADP1_PCT1.zLMDELAY.<fieldname>

zLMDELAY_S	TIME	8	The elapsed time that the user task waited to acquire a lock on a resource.
zLMDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zWTEXWAIT.<fieldname>

zWTEXWAIT_S	TIME	8	The elapsed time that the user task waited for one or more ECBs, passed to CICS by the user task using the EXEC CICS WAIT EXTERNAL ECBLIST command, to be posted by the MVS POST command.
zWTEXWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zWTCEWAIT.<fieldname>

zWTCEWAIT_S	TIME	8	The elapsed time that the user task waited for one of these events: 1. One or more ECBs, passed to CICS by the user task using the EXEC CICS WAITCICS ECBLIST command, to be posted by the MVS POST command. 2. Completion of an event initiated by the same or by another user task.
zWTCEWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zICDELAY.<fieldname>

zICDELAY_S	TIME	8	The elapsed time that the user task waited as a result of issuing one of the following commands: 1. An interval control EXEC CICS DELAY command for a specified time interval. 2. An interval control EXEC CICS DELAY command for a specified time of day to expire. 3. An interval control EXEC CICS RETRIEVE command with the WAIT option specified.
zICDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zGVUPWAIT.<fieldname>

zGVUPWAIT_S	TIME	8	The elapsed time that the user task waited as a result of giving up control to another task.
zGVUPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zTSSHWAIT.<fieldname>

zTSSHWAIT_S	TIME	8	Elapsed time that the user task waited for an asynchronous shared temporary storage request to a temporary storage data server to complete.
zTSSHWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zCFDTPWAIT.<fieldname>

zCFDTPWAIT_S	TIME	8	The elapsed time in which the user task waited for a data table access request to the Coupling Facility Data Table server to complete.
zCFDTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zSRVSYWTT.<fieldname>

zSRVSYWTT_S	TIME	8	Total elapsed time in which the user task waited for syncpoint or resynchronization processing using the Coupling Facility data tables server to complete.
zSRVSYWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRRMSWAIT.<fieldname>

zRRMSWAIT_S	TIME	8	The elapsed time in which the user task waited indoubt using resource recovery services for EXCI.
zRRMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRUNTRWTT.<fieldname>

zRUNTRWTT_S	TIME	8	The elapsed time in which the user task waited for completion of a transaction that ran as a result of the user task issuing a CICS BTS run process request and a run activity request synchronously.
zRUNTRWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zSYNCDLY.<fieldname>

zSYNCDLY_S	TIME	8	The elapsed time in which the user task waited for a syncpoint request to be issued by its parent transaction.
------------	------	---	--

zSYNCDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
------------	-----	---	---

SMF110#01_Performance_Class_ADP1_PCT1.zSOIOWTT.<fieldname>

zSOIOWTT_S	TIME	8	The elapsed time for which the user task waited for inbound socket I/O.
zSOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zIMSWAIT.<fieldname>

zIMSWAIT_S	TIME	8	The elapsed time during which the user task waited for DBCTL to service the IMS requests issued by the user task.
zIMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDB2RDYQW.<fieldname>

zDB2RDYQW_S	TIME	8	The elapsed time during which the user task waited for a Db2 thread to become available.
zDB2RDYQW_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDB2CONWT.<fieldname>

zDB2CONWT_S	TIME	8	The elapsed time during which the user task waited for a Db2 connection to become available for use with the user task's open TCB.
zDB2CONWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zWMQGETWT.<fieldname>

zWMQGETWT_S	TIME	8	The elapsed time during which the user task waited for WebSphere MQ to service the user task's GETWAIT request.
zWMQGETWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zJVMTIME.<fieldname>

zJVMTIME_S	TIME	8	The total elapsed time spent in the JVM by the user task.
zJVMTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zJVMSUSP.<fieldname>

zJVMSUSP_S	TIME	8	The elapsed time for which the user task was suspended by the CICS dispatcher while running in the JVM.
zJVMSUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zSOOIOWTT.<fieldname>

zSOOIOWTT_S	TIME	8	The total elapsed time that the user task waited on outbound sockets.
zSOOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRQRWAIT.<fieldname>

zRQRWAIT_S	TIME	8	The elapsed time during which the request receiver user task CIRR (or user specified transaction ID) waited for any outstanding replies to be satisfied.
zRQRWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zRQPWAIT.<fieldname>

zRQPWAIT_S	TIME	8	The elapsed time during which the request processor user task CIRP waited for any outstanding replies to be satisfied.
zRQPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zOTSINDWT.<fieldname>

zOTSINDWT_S	TIME	8	The elapsed time in which the user task was dispatched or suspended indoubt (or both) while processing a syncpoint for an Object Transaction
-------------	------	---	--

			Service (OTS) syncpoint request.
zOTSINDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zJVMITIME.<fieldname>

zJVMITIME_S	TIME	8	The elapsed time spent initializing the JVM environment.
zJVMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zJVMRTIME.<fieldname>

zJVMRTIME_S	TIME	8	Reserved field, returns zero.
zJVMRTIME_N	INT	3	Reserved field, returns zero.

SMF110#01_Performance_Class_ADP1_PCT1.zPTPWAIT.<fieldname>

zPTPWAIT_S	TIME	8	The elapsed time for which the user task waited for the 3270 bridge partner transaction to complete.
zPTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDSMMSWWT.<fieldname>

zDSMMSWWT_S	TIME	8	The elapsed time that the user task spent waiting because no TCB was available and a TCB was not created because of MVS storage constraints.
zDSMMSWWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zISIWTT.<fieldname>

zISIWTT_S	TIME	8	The elapsed time for which a user task waited for control at this end of an IPIC connection.
zISIWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zJVMTHDWT.<fieldname>

zJVMTHDWT_S	TIME	8	The elapsed time that the user task waited to obtain a JVM server thread because the CICS system had reached the thread limit for a JVM server in the CICS region.
zJVMTHDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zWMQASRBT.<fieldname>

zWMQASRBT_S	TIME	8	The WebSphere MQ SRB time this transaction spent processing WebSphere MQ API requests.
zWMQASRBT_N	INT	3	Count of the number of time periods contributing to the total SRB time.

SMF110#01_Performance_Class_ADP1_PCT1.zTDILWTT.<fieldname>

zTDILWTT_S	TIME	8	The elapsed time for which the user task waited for an intrapartition transient data lock (TDIPLOCK).
zTDILWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zTDELWTT.<fieldname>

zTDELWTT_S	TIME	8	The elapsed time for which the user task waited for an extrapartition transient data lock (TDEPLOCK).
zTDELWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zROMODDLY.<fieldname>

zROMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS RO TCB.
zROMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zSOMODDLY.<fieldname>

zSOMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS SO TCB.
zSOMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zISALWTT.<fieldname>

zISALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an IPIC session.
zISALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zTCALWTT.<fieldname>

zTCALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an MRO (Inter-Region Communication), LU6.1, or LU6.2 session.
zTCALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class_ADP1_PCT1.zDSAPTHWT.<fieldname>

zDSAPTHWT_S	TIME	8	The dispatcher allocated pthread wait time. This is the time that the transaction had to wait for a Liberty pthread to be allocated during links to Liberty programs.
zDSAPTHWT_N	INT	3	Count of the number of time periods contributing to the total wait time.

SMF110#01_Performance_Class_ADP1_PCT1.zRMITOTAL.<fieldname>

zRMITOTAL_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITOTAL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS Resource Manager Interface (RMI).

SMF110#01_Performance_Class_ADP1_PCT1.zRMIOOTHER.<fieldname>

zRMIOOTHER_S	TIME	8	The total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.
zRMIOOTHER_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.

SMF110#01_Performance_Class_ADP1_PCT1.zRMIDB2.<fieldname>

zRMIDB2_S	TIME	8	The total elapsed time spent in the CICS RMI for Db2 requests.
zRMIDB2_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for Db2 requests.

SMF110#01_Performance_Class_ADP1_PCT1.zRMIDBCTL.<fieldname>

zRMIDBCTL_S	TIME	8	The total elapsed time spent in the CICS RMI for DBCTL requests.
zRMIDBCTL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for DBCTL requests.

SMF110#01_Performance_Class_ADP1_PCT1.zRMIEXDLI.<fieldname>

zRMIEXDLI_S	TIME	8	The total elapsed time spent in the CICS RMI for EXEC DLI requests.
zRMIEXDLI_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for EXEC DLI requests.

SMF110#01_Performance_Class_ADP1_PCT1.zRMIMQM.<fieldname>

zRMIMQM_S	TIME	8	The total elapsed time spent in the CICS RMI for IBM MQ requests.
zRMIMQM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for IBM MQ requests.

SMF110#01_Performance_Class_ADP1_PCT1.zRMICPSM.<fieldname>

zRMICPSM_S	TIME	8	The total elapsed time spent in the CICS RMI for CICSplex SM requests.
zRMICPSM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICSplex SM requests.

SMF110#01_Performance_Class_ADP1_PCT1.zRMITCPIP.<fieldname>

zRMITCPIP_S	TIME	8	The total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.
zRMITCPIP_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.

Secondary segment: SMF110#01_Performance_Class

Field Name	Type	Len	Description
<i>SMF110#01_Performance_Class.<fieldname></i>			
zTRAN	CHAR	4	ID=001 (DFHTASK) Transaction identification.
zTERM	CHAR	4	ID=002 (DFHTERM) Terminal or session identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	ID=089 (DFHCICS) User identification at task creation. This identification can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zTTYPE	CHAR	4	ID=004 (DFHTASK) Transaction start type. The high-order bytes (0 and 1) are set as follows: 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by front-end programming interface (FEPI).
zSTART	TSTMP	8	ID=005 (DFHCICS) Start time of measurement interval, which is one of the following times: - The time at which the user task was attached. - The time at which data recording was most recently reset in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zSTOP	TSTMP	8	ID=006 (DFHCICS) Finish time of measurement interval, which is one of the following times: - The time at which the user task was detached. - The time at which data recording was completed in support of the MCT user event monitoring point DELIVER option or the monitoring options MNCONV, MNSYNC, or FREQUENCY.
zTRANNUM	DEC	4 (7,0)	ID=031 (DFHTASK) Transaction identification number or 'III' for system initialisation, 'TCP' for terminal control.
zTRANPRI	INT	4	ID=109 (DFHTASK) Transaction priority when monitoring of the task was initialized.
zTCLSNAME	CHAR	8	ID=166 (DFHTASK) Transaction class name. This field is null if the transaction is not in a TRANCLASS.
zLUNAME	CHAR	8	ID=111 (DFHTERM) The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	ID=071 (DFHPROG) The name of the first program invoked at attach-time.
zNETUOWPX	CHAR	20	ID=097 (DFHTASK) Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zNETUOWSX	CHAR	8	ID=098 (DFHTASK) Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	ID=130 (DFHCICS) The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zPERRECNT	INT	4	ID=131 (DFHCICS) The number of performance class records written by the CICS Monitoring Facility (CMF) for the user task.
zRMUOWID	CHAR	8	

			ID=132 (DFHTASK) The identifier of the unit of work (unit of recovery) for this task.
zSRVCLASS	CHAR	8	ID=167 (DFHCICS) The z/OS Workload Manager (WLM) service class for this transaction.
zRPTCLASS	CHAR	8	ID=168 (DFHCICS) The z/OS Workload Manager (WLM) report class for this transaction.
zFCTYNAME	CHAR	4	ID=163 (DFHTASK) Transaction facility name. This field is null if the transaction is not associated with a facility.

SMF110#01_Performance_Class.zTRANFLAG.<fieldname>

zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

SMF110#01_Performance_Class.zTRANFLAG.zTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class.zTRANFLAG.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class.zTRANFLAG.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Performance_Class.zTRANFLAG.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Performance_Class.zTRANFLAG.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Performance_Class.zTRANFLAG.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.

zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class.zTERMINFO.<fieldname>

zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.

SMF110#01_Performance_Class.<fieldname>

zTERMCNNM	CHAR	4	ID=169 (DFHTERM) Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).
zBRDGTRAN	CHAR	4	ID=124 (DFHTASK) Bridge listener transaction identifier. For CICS 3270 Bridge transactions, this field is the name of the Bridge listener transaction that attached the user task.
zRRMSURID	CHAR	16	ID=190 (DFHTASK) RRMS/MVS unit-of-recovery ID (URID).
zPRCSNAME	CHAR	36	ID=200 (DFHCBTS) The name of the CICS business transaction service (BTS) process of which the user task formed part.
zPRCSTYPE	CHAR	8	ID=201 (DFHCBTS) The process-type of the CICS BTS process of which the user task formed part.
zPRCSID	CHAR	52	ID=202 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYID	CHAR	52	ID=203 (DFHCBTS) The CICS-assigned identifier of the CICS BTS root activity that the user task implemented.
zACTVTYNM	CHAR	16	ID=204 (DFHCBTS) The name of the CICS BTS activity that the user task implemented.
zCLIPADDR	CHAR	40	ID=318 (DFH SOCK) The IP address of the client or Telnet client.
zTRNGRPID	CHAR	28	ID=082 (DFHTASK) The transaction group ID is assigned at transaction attach time, and can be used to correlate the transactions that CICS runs for the same incoming work request. For example, the CWXN and CWBA transactions for Web requests.
zNETID	CHAR	8	ID=197 (DFHTERM) NETID if a network qualified name has been received from the Communications Server. If it is a resource and the network qualified name has not yet been received, NETID is 8 blanks. In all other cases, it is nulls.
zRLUNAME	CHAR	8	ID=198 (DFHTERM) Real network name if a network qualified name has been received from the Communications Server.
zTCPSRVCE	CHAR	8	ID=245 (DFH SOCK) The TCP/IP service name that attached the user task.
zPORTNUM	INT	4	ID=246 (DFH SOCK) The TCP/IP port number of the TCP/IP service that attached the user task.
zOTSTID	CHAR	128	ID=194 (DFHTASK) This field is the first 128 bytes of the Object Transaction Service (OTS) Transaction ID (TID).
zCLIPPORT	INT	4	ID=330 (DFH SOCK) The TCP/IP port number of the originating client or Telnet client.
zISIPICNM	CHAR	8	ID=305 (DFH SOCK) The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zONETWKID	CHAR	8	ID=359 (DFHCICS) The network identifier from which this work request (transaction) originated.

zOAPPLID	CHAR	8	ID=360 (DFHCICS) The APPLID of the CICS region in which this work request (transaction) originated. For example, the region in which the CWXN task ran.
zOSTART	TSTMP	8	ID=361 (DFHCICS) The time at which the originating task, for example the CWXN task, was started.
zOTRANNUM	DEC	4 (7,0)	ID=362 (DFHCICS) The number of the originating task. For example, the CWXN task.
zOTRAN	CHAR	4	ID=363 (DFHCICS) The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zOUSERID	CHAR	8	ID=364 (DFHCICS) The originating Userid-2 or Userid-1, for example from CWBA, depending on the originating task.
zOUSERCOR	CHAR	64	ID=365 (DFHCICS) The originating user correlator.
zOTCPSVCE	CHAR	8	ID=366 (DFHCICS) The name of the originating TCPIP SERVICE.
zOPORTNUM	INT	4	ID=367 (DFHCICS) The port number used by the originating TCPIP SERVICE.
zOCLIPADR	CHAR	40	ID=372 (DFHCICS) The IP address of the originating client or Telnet client.
zOCLIPORT	INT	4	ID=369 (DFHCICS) The TCP/IP port number of the originating client or Telnet client.

SMF110#01_Performance_Class.zOTRANFLG.<fieldname>

zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Performance_Class.zOTRANFLG.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Performance_Class.zOTRANFLG.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Performance_Class.zOTRANFLG.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Performance_Class.zOTRANFLG.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.

zAbend	BIT	1	Task abnormally terminated.
--------	-----	---	-----------------------------

SMF110#01_Performance_Class.zOTRANFLG.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Performance_Class.zOTRANFLG.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Performance_Class.zOTRANFLG.<fieldname>

zOFCTYNME	CHAR	8	ID=371 (DFHCICS) The facility name of the originating transaction.
zWBURIMNM	CHAR	8	ID=380 (DFHWEBB) For CICS web support, Atom feeds, and web service applications, the name of the URIMAP resource definition that was mapped to the URI of the inbound request that was processed by this task.
zWBPIPLNM	CHAR	8	ID=381 (DFHWEBB) For web service applications, the name of the PIPELINE resource definition that was used to provide information about the message handlers that act on the service request processed by this task.
zWBATMSNM	CHAR	8	ID=382 (DFHWEBB) For Atom feeds, the name of the ATOMSERVICE resource definition that was used to process this task.
zWBSVCENM	CHAR	32	ID=383 (DFHWEBB) For web service applications, the name of the WEBSERVICE resource definition that was used to process this task.
zWBSVOPNM	CHAR	64	ID=384 (DFHWEBB) For web service applications, the first 64 bytes of the web service operation name.
zWBPROGNM	CHAR	8	ID=385 (DFHWEBB) For CICS web support, the name of the program from the URIMAP resource definition that was used to provide the application-generated response to the HTTP request processed by this task.
zPHNTWKID	CHAR	8	ID=373 (DFHCICS) The network identifier of the CICS system of an immediately previous task in another CICS system with which this task is associated.
zPHAPPLID	CHAR	8	ID=374 (DFHCICS) The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHSTART	TSTMP	8	ID=375 (DFHCICS) The start time of the immediately previous task in another CICS system with which this task is associated.
zPHTRANNO	DEC	4 (7,0)	ID=376 (DFHCICS) The task number of the immediately previous task in another CICS system with which this task is associated.
zPHTRAN	CHAR	4	ID=377 (DFHCICS) The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHCOUNT	INT	4	ID=378 (DFHCICS) The number of times there has been a request from one CICS system to another CICS system to initiate a task with which this task is associated.
zOADID	CHAR	64	ID=351 (DFHCICS) The adapter identifier added to the origin data by the adapter.
zOADATA1	CHAR	64	ID=352 (DFHCICS) The data added to the origin data by the adapter.
zOADATA2	CHAR	64	ID=353 (DFHCICS) The data added to the origin data by using the adapter.
zOADATA3	CHAR	64	ID=354 (DFHCICS) The data added to the origin data by the adapter.
zSOCIPHER	HEX	4	ID=320 (DFH SOCK) Identifies the code for the cipher suite that was selected during the SSL handshake for use on the inbound connection, for

			example X'0000002F'.
zCECMCHTP	CHAR	4	ID=430 (DFHTASK) The CEC machine type, in EBCDIC, for the physical hardware environment where the CICS region is running.
zCECMDLID	CHAR	16	ID=431 (DFHTASK) The CEC model number, in EBCDIC, for the physical hardware environment where the CICS region is running.
zLPARNAME	CHAR	8	ID=432 (DFHTASK) The name, in EBCDIC, of the logical partition (LPAR) on the processor where the CICS region is running.
zMAXTASKS	INT	4	ID=433 (DFHTASK) The MXT or MAXTASKS value, expressed as a number of tasks, for the CICS region at the time the user task was attached.
zCURTASKS	INT	4	ID=434 (DFHTASK) The current number of active user transactions in the system at the time the user task was attached.
zACAPPLNM	CHAR	64	ID=451 (DFHTASK) The 64-character name of the application in the application context data.
zACPLATNM	CHAR	64	ID=452 (DFHTASK) The 64-character name of the platform in the application context data.
zACMAJVER	INT	4	ID=453 (DFHTASK) The major version of the application in the application context data, expressed as a 4-byte binary value.
zACMINVER	INT	4	ID=454 (DFHTASK) The minor version of the application in the application context data, expressed as a 4-byte binary value.
zACMICVER	INT	4	ID=455 (DFHTASK) The micro version of the application in the application context data, expressed as a 4-byte binary value.
zACOPERNM	CHAR	64	ID=456 (DFHTASK) The 64-character name of the operation in the application context data.
zPTSTART	TSTMP	8	ID=480 (DFHCICS) The start time of the immediately previous or parent task in the same CICS system with which the task is associated.
zPTTRANNO	DEC	4 (7,0)	ID=481 (DFHCICS) The task number of the immediately previous or parent task in the same CICS system with which the task is associated.
zPTTRAN	CHAR	4	ID=482 (DFHCICS) The transaction ID (TRANSID) of the immediately previous or parent task in the same CICS system with which the task is associated.
zPTCOUNT	INT	4	ID=483 (DFHCICS) The number of times there has been a request from one task to initiate another task in the same CICS system with which this task is associated, such as by a RUN TRANSID or START command.

SMF110#01_Performance_Class.zTASKFLAG.<fieldname>

zClockErr	BIT	1	Detected an attempt either to start a user clock that was already running or to stop one that was not running.
-----------	-----	---	--

SMF110#01_Performance_Class.<fieldname>

zABCODEO	CHAR	4	ID=113 (DFHPROG) Original abend code.
zABCODEC	CHAR	4	ID=114 (DFHPROG) Current abend code.
zRTYPE	CHAR	4	ID=112 (DFHCICS) Performance record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTCMSGIN1	INT	4	ID=034 (DFHTERM) Number of messages received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHRIN1	INT	4	ID=083 (DFHTERM) Number of characters received from the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCMSGOU1	INT	4	ID=035 (DFHTERM) Number of messages sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).
zTCCHROU1	INT	4	ID=084 (DFHTERM) Number of characters sent to the principal terminal facility of the task, including LUTYPE6.1 and LUTYPE6.2 (APPC) but not MRO (IRC).

zTCMSGIN2	INT	4	ID=067 (DFHTERM) Number of messages received from the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHRIN2	INT	4	ID=085 (DFHTERM) Number of characters received from the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCMSGOU2	INT	4	ID=068 (DFHTERM) Number of messages sent to the LUTYPE6.1 alternate terminal facilities by the user task.
zTCCHROU2	INT	4	ID=086 (DFHTERM) Number of characters sent to the LUTYPE6.1 alternate terminal facilities by the user task. (Not applicable to ISC APPC.)
zTCM62IN2	INT	4	ID=135 (DFHTERM) Number of messages received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62IN2	INT	4	ID=137 (DFHTERM) Number of characters received from the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCM62OU2	INT	4	ID=136 (DFHTERM) Number of messages sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCC62OU2	INT	4	ID=138 (DFHTERM) Number of characters sent to the alternate facility by the user task for LUTYPE6.2 (APPC) sessions.
zTCALLOCT	INT	4	ID=069 (DFHTERM) Number of TCTTE ALLOCATE requests issued by the user task for LUTYPE6.2 (APPC), LUTYPE6.1, and IRC sessions.
zSCUGETCT_Below	INT	4	ID=054 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the UDSA.
zSCUGETCT_Above	INT	4	ID=105 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the extended user dynamic storage area (EUDSA).
zSCCGETCT_Below	INT	4	ID=117 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage below the 16 MB line, in the CDSA.
zSCCGETCT_Above	INT	4	ID=120 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the 16 MB line, in the ECDSA.
zSCUSRHWM_Below	INT	4	ID=033 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the user dynamic storage area (UDSA).
zSCUSRHWM_Above	INT	4	ID=106 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the EUDSA.
zSC24CHWM	INT	4	ID=116 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zSC31CHWM	INT	4	ID=119 (DFHSTOR) Maximum amount (high-water mark) of user storage allocated to the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zSCUSRSTG_Below	INT	8	ID=095 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the UDSA. This measures the area under the curve of storage in use against elapsed time.
zSCUSRSTG_Above	INT	8	ID=107 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the EUDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24COCC	INT	8	ID=118 (DFHSTOR) Storage occupancy of the user task below the 16 MB line, in the CDSA. This measures the area under the curve of storage in use against elapsed time.
zSC31COCC	INT	8	ID=121 (DFHSTOR) Storage occupancy of the user task above the 16 MB line, in the ECDSA. This measures the area under the curve of storage in use against elapsed time.
zSC24SGCT	INT	4	ID=144 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage below the 16 MB line, in the CDSA or SDSA.
zSC24GSHR	INT	4	ID=145 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC24FSHR	INT	4	ID=146 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request below the 16 MB line, in the CDSA or SDSA.
zSC31SGCT	INT	4	

			ID=147 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the 16 MB line, in the ECDSA or ESDSA.
zSC31GSHR	INT	4	ID=148 (DFHSTOR) Number of bytes of shared storage obtained by the user task by using a GETMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC31FSHR	INT	4	ID=149 (DFHSTOR) Number of bytes of shared storage released by the user task by using a FREEMAIN request above the 16 MB line, in the ECDSA or ESDSA.
zSC64CGCT	INT	4	ID=441 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the CICS dynamic storage area (GCDSA).
zSC64CHWM	INT	4	ID=442 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the CICS dynamic storage area (GCDSA).
zSC64UGCT	INT	4	ID=443 (DFHSTOR) Number of user-storage GETMAIN requests issued by the user task for storage above the bar, in the user dynamic storage area (GUDSA).
zSC64UHWM	INT	4	ID=444 (DFHSTOR) Maximum amount (high-water mark) of user storage, rounded up to the next 4K, allocated to the user task above the bar, in the user dynamic storage area (GUDSA).
zSC64SGCT	INT	4	ID=445 (DFHSTOR) Number of storage GETMAIN requests issued by the user task for shared storage above the bar, in the GCDSA or GSDSA.
zSC64GSHR	INT	4	ID=446 (DFHSTOR) Amount of shared storage obtained by the user task by using a GETMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zSC64FSHR	INT	4	ID=447 (DFHSTOR) Amount of shared storage released by the user task by using a FREEMAIN request above the bar, in the GCDSA or GSDSA. The total number of bytes obtained is rounded up to the next 4096 bytes, and the resulting number of 4K pages is displayed.
zPCSTGHWM	INT	4	ID=087 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task both above and below the 16 MB line.
zPC31AHWM	INT	4	ID=139 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line.
zPC24BHWM	INT	4	ID=108 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line.
zPC31CHWM	INT	4	ID=142 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended CICS dynamic storage area (ECDSA).
zPC24CHWM	INT	4	ID=143 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the CICS dynamic storage area (CDSA).
zPC31RHWM	INT	4	ID=122 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended read-only dynamic storage area (ERDSA).
zPC24RHWM	INT	4	ID=162 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the read-only dynamic storage area (RDSA).
zPC31SHWM	INT	4	ID=161 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task above the 16 MB line, in the extended shared dynamic storage area (ESDSA).
zPC24SHWM	INT	4	ID=160 (DFHSTOR) Maximum amount (high-water mark) of program storage in use by the user task below the 16 MB line, in the shared dynamic storage area (SDSA).
zFCGETCT	INT	4	ID=036 (DFHFILE) Number of file GET requests issued by the user task.
zFCPUTCT	INT	4	ID=037 (DFHFILE) Number of file PUT requests issued by the user task.
zFCBRWCT	INT	4	ID=038 (DFHFILE) Number of file browse requests issued by the user task. This number excludes the START and END browse requests.
zFCADDCT	INT	4	ID=039 (DFHFILE) Number of file ADD requests issued by the user task.

zFCDELCT	INT	4	ID=040 (DFHFILE) Number of file DELETE requests issued by the user task.
zFCTOTCT	INT	4	ID=093 (DFHFILE) Total number of file control requests issued by the user task. This number excludes any request for OPEN, CLOSE, ENABLE, or DISABLE of a file.
zFCAMCT	INT	4	ID=070 (DFHFILE) Number of times the user task invoked file access-method interfaces. This number excludes requests for OPEN and CLOSE.
zTDGETCT	INT	4	ID=041 (DFHDEST) Number of transient data GET requests issued by the user task.
zTDPUTCT	INT	4	ID=042 (DFHDEST) Number of transient data PUT requests issued by the user task.
zTDPURCT	INT	4	ID=043 (DFHDEST) Number of transient data PURGE requests issued by the user task.
zTDTOTCT	INT	4	ID=091 (DFHDEST) Total number of transient data requests issued by the user task.
zTSGETCT	INT	4	ID=044 (DFHTEMP) Number of temporary storage GET requests to auxiliary or main temporary storage issued by the user task.
zTSPUTACT	INT	4	ID=046 (DFHTEMP) Number of PUT requests to auxiliary temporary storage issued by the user task.
zTSPUTMCT	INT	4	ID=047 (DFHTEMP) Number of PUT requests to main temporary storage issued by the user task.
zTSGETSCT	INT	4	ID=460 (DFHTEMP) Number of temporary storage GET requests from shared temporary storage issued by the user task.
zTSPUTSCT	INT	4	ID=461 (DFHTEMP) Number of temporary storage PUT requests to shared temporary storage issued by the user task.
zTSTOTCT	INT	4	ID=092 (DFHTEMP) Total number of temporary storage requests issued by the user task.
zBMSMAPCT	INT	4	ID=050 (DFHMAPP) Number of BMS MAP requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that did not incur a terminal I/O, and the number of RECEIVE MAP FROM requests.
zBMSINCT	INT	4	ID=051 (DFHMAPP) Number of BMS IN requests issued by the user task. This field corresponds to the number of RECEIVE MAP requests that incurred a terminal I/O.
zBMSOUTCT	INT	4	ID=052 (DFHMAPP) Number of BMS OUT requests issued by the user task. This field corresponds to the number of SEND MAP requests.
zBMSTOTCT	INT	4	ID=090 (DFHMAPP) Total number of BMS requests issued by the user task.
zPCLINKCT	INT	4	ID=055 (DFHPROG) Number of program LINK and INVOKE APPLICATION requests issued by the user task, including the link to the first program of the user task.
zPCXCTLCT	INT	4	ID=056 (DFHPROG) Number of program XCTL requests issued by the user task.
zPCLOADCT	INT	4	ID=057 (DFHPROG) Number of program LOAD requests issued by the user task.
zPCLURMCT	INT	4	ID=072 (DFHPROG) Number of program LINK URM (user-replaceable module) requests issued by, or on behalf of, the user task.
zPCDPLCT	INT	4	ID=073 (DFHPROG) Number of distributed program link (DPL) requests issued by the user task.
zPCDLCSDL	INT	4	ID=286 (DFHPROG) The total length, in bytes, of the data in the containers of all the distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCDLCRDL	INT	4	ID=287 (DFHPROG) The total length, in bytes, of the data in the containers of all DPL RETURN CHANNEL commands issued by the user task.
zPCLNKCCT	INT	4	ID=306 (DFHPROG) Number of local program LINK and INVOKE APPLICATION requests, with the CHANNEL option, issued by the user task.

zPCXCLCCT	INT	4	ID=307 (DFHPROG) Number of program XCTL requests issued with the CHANNEL option by the user task.
zPCDPLCCT	INT	4	ID=308 (DFHPROG) Number of program distributed program link (DPL) requests issued with the CHANNEL option by the user task.
zPCRTNCCT	INT	4	ID=309 (DFHPROG) Number of remote pseudoconversational RETURN requests, with the CHANNEL option, issued by the user task.
zPCRTNCDL	INT	4	ID=310 (DFHPROG) The total length, in bytes, of the data in the containers of all the remote pseudoconversational RETURN CHANNEL commands issued by the user task.
zJNLWRTCT	INT	4	ID=058 (DFHJOUR) Number of journal write requests issued by the user task.
zLOGWRTCT	INT	4	ID=172 (DFHJOUR) Number of CICS log stream write requests issued by the user task.
zICPUINCT	INT	4	ID=059 (DFHTASK) Number of interval control START or INITIATE requests during the user task.
zICTOTCT	INT	4	ID=066 (DFHTASK) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zICSTACCT	INT	4	ID=065 (DFHTASK) Total number of local interval control START requests, with the CHANNEL option, issued by the user task.
zICSTACDL	INT	4	ID=345 (DFHTASK) Total length, in bytes, of the data in the containers of all the locally executed START CHANNEL requests issued by the user task.
zICSTRCCT	INT	4	ID=346 (DFHTASK) Total number of interval control START CHANNEL requests, to be run on remote systems, issued by the user task.
zICSTRCDL	INT	4	ID=347 (DFHTASK) Total length, in bytes, of the data in the containers of all the remotely executed START CHANNEL requests issued by the user task.
zSPSYNCCT	INT	4	ID=060 (DFHSYNC) Number of SYNCPOINT requests issued during the user task.
zCFCAPICT	INT	4	ID=025 (DFHCICS) Number of CICS OO foundation class requests, including the Java API for CICS (JCICS) classes, issued by the user task.
zSZALLOCT	INT	4	ID=150 (DFHFEPI) Number of conversations allocated by the user task. This number is incremented for each FEPI ALLOCATE POOL or FEPI CONVERSE POOL.
zSZRCVCT	INT	4	ID=151 (DFHFEPI) Number of FEPI RECEIVE requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSENDCT	INT	4	ID=152 (DFHFEPI) Number of FEPI SEND requests made by the user task. This number is also incremented for each FEPI CONVERSE request.
zSZSTRCT	INT	4	ID=153 (DFHFEPI) Number of FEPI START requests made by the user task.
zSZCHROUT	INT	4	ID=154 (DFHFEPI) Number of characters sent through FEPI by the user task.
zSZCHRIN	INT	4	ID=155 (DFHFEPI) Number of characters received through FEPI by the user task.
zSZALLCTO	INT	4	ID=157 (DFHFEPI) Number of times the user task timed out while waiting to allocate a conversation.
zSZRCVTO	INT	4	ID=158 (DFHFEPI) Number of times the user task timed out while waiting to receive data.
zSZTOTCT	INT	4	ID=159 (DFHFEPI) Total number of all FEPI API and SPI requests made by the user task.
zBARSYNCT	INT	4	ID=205 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity synchronously.
zBARASYCT	INT	4	ID=206 (DFHCBTS) The number of CICS BTS run process, or run activity, requests that the user task made in order to execute a process or activity asynchronously.
zBALKPACT	INT	4	ID=207 (DFHCBTS) The number of CICS BTS link process, or link activity, requests that the user task issued.

zBADPROCT	INT	4	ID=208 (DFHCBTS) The number of CICS BTS define process requests issued by the user task.
zBADACTCT	INT	4	ID=209 (DFHCBTS) The number of CICS BTS define activity requests issued by the user task.
zBARSPACT	INT	4	ID=210 (DFHCBTS) The number of CICS BTS reset process and reset activity requests issued by the user task.
zBASUPACT	INT	4	ID=211 (DFHCBTS) The number of CICS BTS suspend process, or suspend activity, requests issued by the user task.
zBARMPACT	INT	4	ID=212 (DFHCBTS) The number of CICS BTS resume process, or resume activity, requests issued by the user task.
zBADCPACT	INT	4	ID=213 (DFHCBTS) The number of CICS BTS delete activity, cancel process, or cancel activity, requests issued by the user task.
zBAACQPCT	INT	4	ID=214 (DFHCBTS) The number of CICS BTS acquire process, or acquire activity, requests issued by the user task.
zBATOTPCT	INT	4	ID=215 (DFHCBTS) Total number of CICS BTS process and activity requests issued by the user task.
zBAPRDCCT	INT	4	ID=216 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for process data containers issued by the user task.
zBAACDCCT	INT	4	ID=217 (DFHCBTS) The number of CICS BTS delete, get, move, or put, container requests for current activity data containers issued by the user task.
zBATOTCCT	INT	4	ID=218 (DFHCBTS) Total number of CICS BTS delete, get, move, or put, process container and activity container requests issued by the user task.
zBARATECT	INT	4	ID=219 (DFHCBTS) The number of CICS BTS retrieve-reattach event requests issued by the user task.
zBADFIECT	INT	4	ID=220 (DFHCBTS) The number of CICS BTS define-input event requests issued by the user task.
zBATIAECT	INT	4	ID=221 (DFHCBTS) The number of CICS BTS DEFINE TIMER EVENT, CHECK TIMER EVENT, DELETE TIMER EVENT, and FORCE TIMER EVENT requests issued by the user task.
zBATOTECT	INT	4	ID=222 (DFHCBTS) Total number of CICS BTS event-related requests issued by the user task.
zWBRCVCT	INT	4	ID=231 (DFHWEBB) The number of CICS web support RECEIVE requests issued by the user task.
zWBCHRIN	INT	4	ID=232 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE requests issued by the user task.
zWBSENDCT	INT	4	ID=233 (DFHWEBB) The number of CICS web support SEND requests issued by the user task.
zWBCHROUT	INT	4	ID=234 (DFHWEBB) The number of bytes sent by the CICS web support SEND requests issued by the user task.
zWBTOTCT	INT	4	ID=235 (DFHWEBB) The total number of CICS web support requests issued by the user task.
zWBREPRCT	INT	4	ID=236 (DFHWEBB) The number of reads from the repository in temporary storage issued by the user task.
zWBREPWCT	INT	4	ID=237 (DFHWEBB) The number of writes to the repository in temporary storage issued by the user task.
zWBEXTRCT	INT	4	ID=238 (DFHWEBB) The number of CICS web support EXTRACT requests issued by the user task.
zWBRRWCT	INT	4	ID=239 (DFHWEBB) The number of CICS web support browsing requests for HTTPHEADER, FORMFIELD, and QUERYPARM (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task.
zWBREADCT	INT	4	ID=224 (DFHWEBB) The number of CICS web support READ HTTPHEADER, READ FORMFIELD, and READ QUERYPARM requests issued by the user task.
zWBWRITCT	INT	4	ID=225 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task.
zDHCRECT	INT	4	

			ID=226 (DFHDOCH) The number of document handler CREATE requests issued by the user task.
zDHINSCT	INT	4	ID=227 (DFHDOCH) The number of document handler INSERT requests issued by the user task.
zDHSETCT	INT	4	ID=228 (DFHDOCH) The number of document handler SET requests issued by the user task.
zDHRETCT	INT	4	ID=229 (DFHDOCH) The number of document handler RETRIEVE requests issued by the user task.
zDHDELCT	INT	4	ID=223 (DFHDOCH) The number of document handler DELETE requests issued by the user task.
zDHTOTCT	INT	4	ID=230 (DFHDOCH) The total number of document handler requests issued by the user task.
zDHTOTDCL	INT	4	ID=240 (DFHDOCH) The total length of all documents created by the user task.
zSOBYENCT	INT	4	ID=242 (DFH SOCK) The number of bytes encrypted by the secure sockets layer for the user task.
zSOBYDECT	INT	4	ID=243 (DFH SOCK) The number of bytes decrypted by the secure sockets layer for the user task.
zSOEXTRCT	INT	4	ID=289 (DFH SOCK) The number of EXTRACT TCPIP and EXTRACT CERTIFICATE requests issued by the user task.
zSOCNPSCT	INT	4	ID=290 (DFH SOCK) The total number of requests made by the user task to create a nonpersistent outbound socket.
zSOCPSCT	INT	4	ID=291 (DFH SOCK) The total number of requests made by the user task to create a persistent outbound socket.
zSONPSHWM	INT	4	ID=292 (DFH SOCK) The peak number of nonpersistent outbound sockets owned by the user task.
zSOPSHWM	INT	4	ID=293 (DFH SOCK) The peak number of persistent outbound sockets owned by the user task.
zSORCVCT	INT	4	ID=294 (DFH SOCK) The total number of receive requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHRIN	INT	4	ID=295 (DFH SOCK) The total number of bytes received on outbound sockets by the user task
zSOSENDCT	INT	4	ID=296 (DFH SOCK) The total number of send requests issued for outbound sockets (persistent and nonpersistent) by the user task.
zSOCHROUT	INT	4	ID=297 (DFH SOCK) The total number of bytes sent on outbound sockets by the user task.
zSOTOTCT	INT	4	ID=298 (DFH SOCK) The total number of socket requests issued by the user task.
zSOMSGIN1	INT	4	ID=301 (DFH SOCK) The number of inbound socket receive requests issued by the user task.
zSOCHRIN1	INT	4	ID=302 (DFH SOCK) The number of characters received by inbound socket receive requests issued by the user task.
zSOMSGOU1	INT	4	ID=303 (DFH SOCK) The number of inbound socket send requests issued by the user task.
zSOCHROU1	INT	4	ID=304 (DFH SOCK) The number of characters sent by inbound socket send requests issued by the user task.
zIMSREQCT	INT	4	ID=179 (DFHDATA) The number of IMS (DBCTL) requests issued by the user task.
zDB2REQCT	INT	4	ID=180 (DFHDATA) The total number of Db2 EXEC SQL and Instrumentation Facility Interface (IFI) requests issued by the user task.
zWWMQREQCT	INT	4	ID=395 (DFHDATA) The total number of WebSphere MQ requests issued by the user task.
zTCBATTCT	INT	4	ID=251 (DFHTASK) The number of CICS TCBs attached by or on behalf of the user task.
zDSTCBHWM	INT	4	ID=252 (DFHTASK) The peak number of CICS open TCBs (in TCB modes L8, L9, S8, T8, X8, and X9) that have been concurrently allocated to the

			user task.
zWBREDOCT	INT	4	ID=331 (DFHWEBB) The number of CICS web support READ HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBWRTOCT	INT	4	ID=332 (DFHWEBB) The number of CICS web support WRITE HTTPHEADER requests issued by the user task when CICS is an HTTP client.
zWBRCVIN1	INT	4	ID=333 (DFHWEBB) The number of CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHRIN1	INT	4	ID=334 (DFHWEBB) The number of bytes received by the CICS web support RECEIVE and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBSNDOU1	INT	4	ID=335 (DFHWEBB) The number of CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBCHROU1	INT	4	ID=336 (DFHWEBB) The number of bytes sent by the CICS web support SEND and CONVERSE requests issued by the user task when CICS is an HTTP client.
zWBPARSCT	INT	4	ID=337 (DFHWEBB) The number of CICS web support PARSE URL requests issued by the user task.
zWBRRWOCT	INT	4	ID=338 (DFHWEBB) The number of CICS web support BROWSE HTTPHEADER requests (STARTBROWSE, READNEXT, and ENDBROWSE) issued by the user task when CICS is an HTTP client.
zWBIWBSCT	INT	4	ID=340 (DFHWEBB) The number of EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE requests issued by the user task.
zWBREPRDL	INT	4	ID=341 (DFHWEBB) The total length, in bytes, of the data read from the repository in temporary storage by the user task.
zWBREPWDL	INT	4	ID=342 (DFHWEBB) The total length, in bytes, of the data written to the repository in temporary storage by the user task.
zPGTOTCCT	INT	4	ID=321 (DFHCHNL) The number of CICS requests for channel containers issued by the user task.
zPGBRWCCCT	INT	4	ID=322 (DFHCHNL) The number of CICS browse requests for channel containers issued by the user task.
zPGGETCCT	INT	4	ID=323 (DFHCHNL) The number of GET CONTAINER and GET64 CONTAINER requests for channel containers issued by the user task.
zPGPUTCCT	INT	4	ID=324 (DFHCHNL) The number of PUT CONTAINER and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGMOVCCCT	INT	4	ID=325 (DFHCHNL) The number of MOVE CONTAINER requests for channel containers issued by the user task.
zPGGETCDL	INT	4	ID=326 (DFHCHNL) The total length, in bytes, of the data in the containers of all the GET CONTAINER CHANNEL and GET64 CONTAINER CHANNEL commands issued by the user task.
zPGPUTCDL	INT	4	ID=327 (DFHCHNL) The total length, in bytes, of the data in the containers of all the PUT CONTAINER CHANNEL and PUT64 CONTAINER CHANNEL commands issued by the user task.
zPGCRECCT	INT	4	ID=328 (DFHCHNL) The number of containers created by MOVE, PUT CONTAINER, and PUT64 CONTAINER requests for channel containers issued by the user task.
zPGCSTHWM	INT	4	ID=329 (DFHCHNL) Maximum amount (high-water mark), in bytes, of container storage allocated to the user task.
zISALLOCT	INT	4	ID=288 (DFH SOCK) The number of allocate session requests issued by the user task for sessions using IPIC.
zEICTOTCT	INT	4	ID=402 (DFHCICS) Total number of Interval Control Start, Cancel, Delay, and Retrieve requests issued by the user task.
zECSIGECT	INT	4	ID=415 (DFHCICS) The number of EXEC CICS SIGNAL EVENT commands issued by the user task.
zECEFOPT	INT	4	ID=416 (DFHCICS) The number of event filter operations performed by the user task.

zECEVNTCT	INT	4	ID=417 (DFHCICS) The number of events captured by the user task.
zECSEVCCT	INT	4	ID=418 (DFHCICS) The number of synchronous emission events captured by the user task.
zTIASKTCT	INT	4	ID=405 (DFHCICS) The number of EXEC CICS ASKTIME commands issued by the user task.
zTITOTCT	INT	4	ID=406 (DFHCICS) The total number of EXEC CICS ASKTIME, CONVERTTIME, and FORMATTIME commands issued by the user task.
zBFDGSTCT	INT	4	ID=408 (DFHCICS) The total number of EXEC CICS BIF DIGEST commands issued by the user task.
zBFTOTCT	INT	4	ID=409 (DFHCICS) The total number of EXEC CICS BIF DEEDIT and BIF DIGEST commands issued by the user task.
zMLXSSTD L	INT	4	ID=412 (DFHWEBB) The total length of the documents that were parsed using the z/OS XML System Services parser.
zMLXMLTCT	INT	4	ID=413 (DFHWEBB) The number of EXEC CICS TRANSFORM commands issued by the user task.
zWSACBLCT	INT	4	ID=420 (DFHWEBB) The number of EXEC CICS WSACONTEXT BUILD commands issued by the user task.
zWSACGTCT	INT	4	ID=421 (DFHWEBB) The number of EXEC CICS WSACONTEXT GET commands issued by the user task.
zWSAEPCT	INT	4	ID=422 (DFHWEBB) The number of EXEC CICS WSAEPR CREATE commands issued by the user task.
zWSATOTCT	INT	4	ID=423 (DFHWEBB) The total number of EXEC CICS WS-Addressing commands issued by the user task.
zWBSFCRCT	INT	4	ID=386 (DFHWEBB) The number of EXEC CICS SOAPFAULT CREATE commands issued by the user task.
zWBSFTOCT	INT	4	ID=387 (DFHWEBB) The total number of EXEC CICS SOAPFAULT ADD, CREATE, and DELETE commands issued by the user task.
zWBISSFCT	INT	4	ID=388 (DFHWEBB) The total number of SOAP faults received in response to the EXEC CICS INVOKE SERVICE and EXEC CICS INVOKE WEBSERVICE commands issued by the user task.
zWBSREQBL	INT	4	ID=390 (DFHWEBB) For web service applications, the SOAP request body length.
zWBSRSPBL	INT	4	ID=392 (DFHWEBB) For web service applications, the SOAP response body length.
zWBJSNRQL	INT	4	ID=424 (DFHWEBB) For JSON web service applications, the JSON message request length.
zWBJSNRPL	INT	4	ID=425 (DFHWEBB) For JSON web service applications, the JSON message response length.
zMPPTXCD	INT	4	ID=449 (DFHCICS) The number of policy task rule thresholds that this task has exceeded.
zNCGETCT	INT	4	ID=464 (DFHCICS) The total number of requests to a named counter server to satisfy EXEC CICS GET COUNTER and EXEC CICS GET DCOUNTER commands issued by the user task.
zASTOTCT	INT	4	ID=470 (DFHTASK) The total number of EXEC CICS asynchronous API commands that have been issued by the user task. Includes RUN TRANSID, FETCH CHILD, FETCH ANY, and FREE CHILD commands.
zASRUNCT	INT	4	ID=471 (DFHTASK) The number of EXEC CICS RUN TRANSID commands that have been issued by the user task.
zASFTCHCT	INT	4	ID=472 (DFHTASK) The number of EXEC CICS FETCH CHILD and EXEC CICS FETCH ANY commands that have been issued by the user task.
zASFRECT	INT	4	ID=473 (DFHTASK) The number of EXEC CICS FREE CHILD commands that have been issued by the user task.
zMPSRECT	INT	4	ID=466 (DFHCICS) The number of times that policy system rules have been evaluated for the task.
zMPSRACT	INT	4	ID=467 (DFHCICS) The number of times that policy system rules that have evaluated true and have triggered either a message or an event.

SMF110#01_Performance_Class.zUSRDISPT.<fieldname>			
zUSRDISPT_S	TIME	8	Total elapsed time during which the user task was dispatched on each CICS TCB under which the task ran.
zUSRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zUSRCPUT.<fieldname>			
zUSRCPUT_S	TIME	8	Processor time for which the user task was dispatched on each CICS TCB under which the task ran.
zUSRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zCPUTONCP.<fieldname>			
zCPUTONCP_S	TIME	8	The total task processor time on a standard processor for which the user task was dispatched on each CICS TCB under which the task ran.
zCPUTONCP_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zOFFLCPUT.<fieldname>			
zOFFLCPUT_S	TIME	8	The total task processor time that was spent on a standard processor but was eligible for offload to a specialty processor (zIIP or zAAP).
zOFFLCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zSUSPTIME.<fieldname>			
zSUSPTIME_S	TIME	8	Total elapsed wait time for which the user task was suspended by the dispatcher.
zSUSPTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDISPWTT.<fieldname>			
zDISPWTT_S	TIME	8	Elapsed time for which the user task waited for redispach. This time is the aggregate of the wait times between each event completion and user-task redispach.
zDISPWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zQRDISPT.<fieldname>			
zQRDISPT_S	TIME	8	The elapsed time for which the user task was dispatched on the CICS QR TCB.
zQRDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zQRCPUT.<fieldname>			
zQRCPUT_S	TIME	8	The processor time for which the user task was dispatched on the CICS QR TCB.
zQRCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zMSDISPT.<fieldname>			
zMSDISPT_S	TIME	8	Elapsed time for which the user task was dispatched on each CICS TCB.
zMSDISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zMSCPUT.<fieldname>			
zMSCPUT_S	TIME	8	The processor time for which the user task was dispatched on each CICS TCB.
zMSCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zRODISPT.<fieldname>			
zRODISPT_S	TIME	8	The elapsed time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zRODISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zROCPUT.<fieldname>			
zROCPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zROCPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zKY8DISPT.<fieldname>			
zKY8DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zKY8CPUT.<fieldname>			
zKY8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zKY9DISPT.<fieldname>			
zKY9DISPT_S	TIME	8	The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9DISPT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zKY9CPUT.<fieldname>			
zKY9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zL8CPUT.<fieldname>			
zL8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L8 mode TCB.
zL8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zL9CPUT.<fieldname>			
zL9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L9 mode TCB.
zL9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zS8CPUT.<fieldname>			
zS8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS S8 mode TCB.
zS8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zX8CPUT.<fieldname>			
zX8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X8 mode TCB.
zX8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zX9CPUT.<fieldname>			
zX9CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X9 mode TCB.
zX9CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zT8CPUT.<fieldname>			
zT8CPUT_S	TIME	8	The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS T8 mode TCB.
zT8CPUT_N	INT	3	Count of the number of time periods contributing to the total processor time.

SMF110#01_Performance_Class.zQRMODDLY.<fieldname>			
zQRMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS QR mode TCB.
zQRMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zMXTOTDLY.<fieldname>			
zMXTOTDLY_S	TIME	8	The elapsed time in which the user task waited to obtain a CICS L8 or L9 mode open TCB, because the region had reached the limit set by CICS for these TCBs.
zMXTOTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zMAXXTDLY.<fieldname>			
zMAXXTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS XP TCB (X8 or X9 mode), because the CICS system reached the limit set by CICS for these types of TCB.
zMAXXTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zMAXSTDLY.<fieldname>			
zMAXSTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system reached the limit set by the system initialization parameter MAXSSLTCBS.
zMAXSTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zMAXTTDLY.<fieldname>			
zMAXTTDLY_S	TIME	8	The elapsed time for which the user task waited to obtain a T8 TCB, because the CICS system reached the limit of available threads.
zMAXTTDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDSTCBMWT.<fieldname>			
zDSTCBMWT_S	TIME	8	The elapsed time that the user task spent in TCB mismatch waits. That is, waiting because no available TCB matched the request, but at least one non matching TCB was free.
zDSTCBMWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDSCHMDLY.<fieldname>			
zDSCHMDLY_S	TIME	8	The elapsed time in which the user task waited for redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task.

zDSCHMDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class.zEXWTTIME.<fieldname>

zEXWTTIME_S	TIME	8	The total elapsed time for which the user waited on exception conditions.
zEXWTTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zTCIOWTT.<fieldname>

zTCIOWTT_S	TIME	8	Elapsed time for which the user task waited for input from the terminal operator after issuing a RECEIVE request.
zTCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zFCIOWTT.<fieldname>

zFCIOWTT_S	TIME	8	Elapsed time in which the user task waited for file I/O.
zFCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zFCXCWTT.<fieldname>

zFCXCWTT_S	TIME	8	The elapsed time in which the user task waited for exclusive control of a VSAM control interval.
zFCXCWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zFCVSWTT.<fieldname>

zFCVSWTT_S	TIME	8	The elapsed time in which the user task waited for a VSAM string.
zFCVSWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zJCIOWTT.<fieldname>

zJCIOWTT_S	TIME	8	Elapsed time for which the user task waited for journal (logstream) I/O.
zJCIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zTSIOWTT.<fieldname>

zTSIOWTT_S	TIME	8	Elapsed time for which the user task waited for VSAM temporary storage I/O.
zTSIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zIRIOWTT.<fieldname>

zIRIOWTT_S	TIME	8	Elapsed time for which the user task waited for control at this end of an MRO link.
zIRIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zTDIOWTT.<fieldname>

zTDIOWTT_S	TIME	8	Elapsed time in which the user waited for VSAM transient data I/O.
zTDIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zPCLOADTM.<fieldname>

zPCLOADTM_S	TIME	8	Elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations.
zPCLOADTM_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDSPDELAY.<fieldname>

zDSPDELAY_S	TIME	8	The elapsed time waiting for first dispatch.
zDSPDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class.zTCLDELAY.<fieldname>

zTCLDELAY_S	TIME	8	The elapsed time waiting for first dispatch, which was delayed because of the limits set for the transaction class of this transaction (zTCLNAME) being reached.
zTCLDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class.zMXTDELAY.<fieldname>

zMXTDELAY_S	TIME	8	The elapsed time waiting for the first dispatch, which was delayed because of the limits set by the system parameter, MXT, being reached.
zMXTDELAY_N	INT	3	Number of waits.

SMF110#01_Performance_Class.zENQDELAY.<fieldname>

zENQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control local enqueue.
zENQDELAY_N	INT	3	The number of local enqueues.

SMF110#01_Performance_Class.zGNQDELAY.<fieldname>

zGNQDELAY_S	TIME	8	The elapsed time waiting for a CICS task control global enqueue.
zGNQDELAY_N	INT	3	The number of global enqueues.

SMF110#01_Performance_Class.zLU61WTT.<fieldname>

zLU61WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.1 connection or session.
zLU61WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zLU62WTT.<fieldname>

zLU62WTT_S	TIME	8	The elapsed time for which the user task waited for I/O on a LUTYPE6.2 (APPC) connection or session.
zLU62WTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSZWAIT.<fieldname>

zSZWAIT_S	TIME	8	Elapsed time in which the user task waited for all FEPI services.
zSZWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRMITIME.<fieldname>

zRMITIME_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRMISUSP.<fieldname>

zRMISUSP_S	TIME	8	The total elapsed time that the task was suspended by the CICS dispatcher while in the CICS Resource Manager Interface (RMI).
zRMISUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSYNCTIME.<fieldname>

zSYNCTIME_S	TIME	8	Total elapsed time for which the user task was dispatched and was processing syncpoint requests.
zSYNCTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRLSWAIT.<fieldname>

zRLSWAIT_S	TIME	8	Elapsed time in which the user task waited for RLS file I/O.
zRLSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRLSCPUT.<fieldname>

zRLSCPUT_S	TIME	8	For RLS requests issued only from the QR TCB, this value is the RLS File Request SRB CPU time that this transaction spent processing RLS file requests.
zRLSCPUT_N	INT	3	Count of the number of time periods contributing to the total CPU SRB processor time.

SMF110#01_Performance_Class.zLMDELAY.<fieldname>

zLMDELAY_S	TIME	8	The elapsed time that the user task waited to acquire a lock on a resource.
zLMDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zWTEXWAIT.<fieldname>

zWTEXWAIT_S	TIME	8	The elapsed time that the user task waited for one or more ECBs, passed to CICS by the user task using the EXEC CICS WAIT EXTERNAL ECBLIST command, to be posted by the MVS POST command.
zWTEXWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zWTCEWAIT.<fieldname>

zWTCEWAIT_S	TIME	8	The elapsed time that the user task waited for one of these events: 1. One or more ECBs, passed to CICS by the user task using the EXEC CICS WAITCICS ECBLIST command, to be posted by the MVS POST command. 2. Completion of an event initiated by the same or by another user task.
zWTCEWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zICDELAY.<fieldname>

zICDELAY_S	TIME	8	The elapsed time that the user task waited as a result of issuing one of the following commands: 1. An interval control EXEC CICS DELAY command for a specified time interval. 2. An interval control EXEC CICS DELAY command for a specified time of day to expire. 3. An interval control EXEC CICS RETRIEVE command with the WAIT option specified.
zICDELAY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zGVUPWAIT.<fieldname>

zGVUPWAIT_S	TIME	8	The elapsed time that the user task waited as a result of giving up control to another task.
zGVUPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zTSSHWAIT.<fieldname>

zTSSHWAIT_S	TIME	8	Elapsed time that the user task waited for an asynchronous shared temporary storage request to a temporary storage data server to complete.
zTSSHWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zCFDTWAIT.<fieldname>

zCFDTWAIT_S	TIME	8	The elapsed time in which the user task waited for a data table access request to the Coupling Facility Data Table server to complete.
zCFDTWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSRVSYWTT.<fieldname>

zSRVSYWTT_S	TIME	8	Total elapsed time in which the user task waited for syncpoint or resynchronization processing using the Coupling Facility data tables server to complete.
zSRVSYWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRRMSWAIT.<fieldname>

zRRMSWAIT_S	TIME	8	The elapsed time in which the user task waited indoubt using resource recovery services for EXCI.
-------------	------	---	---

zRRMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
-------------	-----	---	---

SMF110#01_Performance_Class.zRUNTRWTT.<fieldname>

zRUNTRWTT_S	TIME	8	The elapsed time in which the user task waited for completion of a transaction that ran as a result of the user task issuing a CICS BTS run process request and a run activity request synchronously.
zRUNTRWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSYNCDLY.<fieldname>

zSYNCDLY_S	TIME	8	The elapsed time in which the user task waited for a syncpoint request to be issued by its parent transaction.
zSYNCDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSOIOWTT.<fieldname>

zSOIOWTT_S	TIME	8	The elapsed time for which the user task waited for inbound socket I/O.
zSOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zIMSWAIT.<fieldname>

zIMSWAIT_S	TIME	8	The elapsed time during which the user task waited for DBCTL to service the IMS requests issued by the user task.
zIMSWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDB2RDYQW.<fieldname>

zDB2RDYQW_S	TIME	8	The elapsed time during which the user task waited for a Db2 thread to become available.
zDB2RDYQW_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDB2CONWT.<fieldname>

zDB2CONWT_S	TIME	8	The elapsed time during which the user task waited for a Db2 connection to become available for use with the user task's open TCB.
zDB2CONWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zWMQGETWT.<fieldname>

zWMQGETWT_S	TIME	8	The elapsed time during which the user task waited for WebSphere MQ to service the user task's GETWAIT request.
zWMQGETWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zJVMTIME.<fieldname>

zJVMTIME_S	TIME	8	The total elapsed time spent in the JVM by the user task.
zJVMTIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zJVMSUSP.<fieldname>

zJVMSUSP_S	TIME	8	The elapsed time for which the user task was suspended by the CICS dispatcher while running in the JVM.
zJVMSUSP_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSOOIOWTT.<fieldname>

zSOOIOWTT_S	TIME	8	The total elapsed time that the user task waited on outbound sockets.
zSOOIOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRQRWAIT.<fieldname>

zRQRWAIT_S	TIME	8	The elapsed time during which the request receiver user task CIRR (or user specified transaction ID) waited for any outstanding replies to be
------------	------	---	---

			satisfied.
zRQRWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zRQPWAIT.<fieldname>			
zRQPWAIT_S	TIME	8	The elapsed time during which the request processor user task CIRP waited for any outstanding replies to be satisfied.
zRQPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zOTSINDWT.<fieldname>			
zOTSINDWT_S	TIME	8	The elapsed time in which the user task was dispatched or suspended indoubt (or both) while processing a syncpoint for an Object Transaction Service (OTS) syncpoint request.
zOTSINDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zJVMITIME.<fieldname>			
zJVMITIME_S	TIME	8	The elapsed time spent initializing the JVM environment.
zJVMITIME_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zJVMRTIME.<fieldname>			
zJVMRTIME_S	TIME	8	Reserved field, returns zero.
zJVMRTIME_N	INT	3	Reserved field, returns zero.
SMF110#01_Performance_Class.zPTPWAIT.<fieldname>			
zPTPWAIT_S	TIME	8	The elapsed time for which the user task waited for the 3270 bridge partner transaction to complete.
zPTPWAIT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zDSMMSWWT.<fieldname>			
zDSMMSWWT_S	TIME	8	The elapsed time that the user task spent waiting because no TCB was available and a TCB was not created because of MVS storage constraints.
zDSMMSWWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zISLOWTT.<fieldname>			
zISLOWTT_S	TIME	8	The elapsed time for which a user task waited for control at this end of an IPICT connection.
zISLOWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zJVMTHDWT.<fieldname>			
zJVMTHDWT_S	TIME	8	The elapsed time that the user task waited to obtain a JVM server thread because the CICS system had reached the thread limit for a JVM server in the CICS region.
zJVMTHDWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.
SMF110#01_Performance_Class.zWMQASRBT.<fieldname>			
zWMQASRBT_S	TIME	8	The WebSphere MQ SRB time this transaction spent processing WebSphere MQ API requests.
zWMQASRBT_N	INT	3	Count of the number of time periods contributing to the total SRB time.
SMF110#01_Performance_Class.zTDILWTT.<fieldname>			
zTDILWTT_S	TIME	8	The elapsed time for which the user task waited for an intrapartition transient data lock (TDIPLOCK).
zTDILWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zTDELWTT.<fieldname>			
zTDELWTT_S	TIME	8	The elapsed time for which the user task waited for an extrapartition transient data lock (TDEPLOCK).
zTDELWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zROMODDLY.<fieldname>			
zROMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS RO TCB.
zROMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zSOMODDLY.<fieldname>			
zSOMODDLY_S	TIME	8	The elapsed time for which the user task waited for redispach on the CICS SO TCB.
zSOMODDLY_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zISALWTT.<fieldname>			
zISALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an IPIC session.
zISALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zTCALWTT.<fieldname>			
zTCALWTT_S	TIME	8	The elapsed time for which a user task waited for an allocate request for an MRO (Inter-Region Communication), LU6.1, or LU6.2 session.
zTCALWTT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zDSAPTHWT.<fieldname>			
zDSAPTHWT_S	TIME	8	The dispatcher allocated pthread wait time. This is the time that the transaction had to wait for a Liberty pthread to be allocated during links to Liberty programs.
zDSAPTHWT_N	INT	3	Count of the number of time periods contributing to the total wait time.

SMF110#01_Performance_Class.zASFTCHWT.<fieldname>			
zASFTCHWT_S	TIME	8	The elapsed time that the user task waited for a child task as a result of issuing an EXEC CICS FETCH CHILD or EXEC CICS FETCH ANY command which was not completed.
zASFTCHWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zASRNATWT.<fieldname>			
zASRNATWT_S	TIME	8	The elapsed time that the user task was delayed as a result of asynchronous child task limits managed by the asynchronous services domain.
zASRNATWT_N	INT	3	Count of the number of time periods contributing to the total elapsed time.

SMF110#01_Performance_Class.zRMITOTAL.<fieldname>			
zRMITOTAL_S	TIME	8	The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITOTAL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS Resource Manager Interface (RMI).

SMF110#01_Performance_Class.zRMIOOTHER.<fieldname>			
zRMIOOTHER_S	TIME	8	The total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket requests.
zRMIOOTHER_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for resource manager requests other than Db2, DBCTL, EXEC DLI, IBM MQ, CICSplex SM and CICS TCP/IP socket

			requests.
--	--	--	-----------

SMF110#01_Performance_Class.zRMIDB2.<fieldname>

zRMIDB2_S	TIME	8	The total elapsed time spent in the CICS RMI for Db2 requests.
zRMIDB2_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for Db2 requests.

SMF110#01_Performance_Class.zRMIDBCTL.<fieldname>

zRMIDBCTL_S	TIME	8	The total elapsed time spent in the CICS RMI for DBCTL requests.
zRMIDBCTL_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for DBCTL requests.

SMF110#01_Performance_Class.zRMIEXDLI.<fieldname>

zRMIEXDLI_S	TIME	8	The total elapsed time spent in the CICS RMI for EXEC DLI requests.
zRMIEXDLI_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for EXEC DLI requests.

SMF110#01_Performance_Class.zRMIMQM.<fieldname>

zRMIMQM_S	TIME	8	The total elapsed time spent in the CICS RMI for IBM MQ requests.
zRMIMQM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for IBM MQ requests.

SMF110#01_Performance_Class.zRMICPSM.<fieldname>

zRMICPSM_S	TIME	8	The total elapsed time spent in the CICS RMI for CICSplex SM requests.
zRMICPSM_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICSplex SM requests.

SMF110#01_Performance_Class.zRMITCPIP.<fieldname>

zRMITCPIP_S	TIME	8	The total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.
zRMITCPIP_N	INT	3	Count of the number of time periods contributing to the total elapsed time spent in the CICS RMI for CICS TCP/IP socket requests.

SMF110#01_Performance_Class.zWBURIOPN.<fieldname>

zWBURIOPN_S	TIME	8	The total elapsed time that the user task was processing WEB OPEN URIMAP requests that are issued by the user task.
zWBURIOPN_N	INT	3	Count of the number of time periods contributing to the total elapsed time that the user task was processing WEB OPEN URIMAP requests that are issued by the user task.

SMF110#01_Performance_Class.zWBURIRCV.<fieldname>

zWBURIRCV_S	TIME	8	The total elapsed time that the user task was processing WEB RECEIVE requests and the receiving side of WEB CONVERSE requests that are issued by the user task. The sessions these requests target to are opened by the WEB OPEN URIMAP command.
zWBURIRCV_N	INT	3	Count of the number of time periods contributing to the total elapsed time that the user task was processing WEB RECEIVE requests and the receiving side of WEB CONVERSE requests that are issued by the user task. The sessions these requests target to are opened by the WEB OPEN URIMAP command.

SMF110#01_Performance_Class.zWBURISND.<fieldname>

zWBURISND_S	TIME	8	The total elapsed time that the user task was processing WEB SEND requests and the sending side of WEB CONVERSE requests that are issued by the user task. The sessions these requests target to are opened by the WEB OPEN URIMAP command.
zWBURISND_N	INT	3	

			Count of the number of time periods contributing to the total elapsed time that the user task was processing WEB SEND requests and the sending side of WEB CONVERSE requests that are issued by the user task. The sessions these requests target to are opened by the WEB OPEN URIMAP command.
--	--	--	---

SMF110#01_Performance_Class.zWBSVINVK.<fieldname>

zWBSVINVK_S	TIME	8	The total elapsed time that the user task was processing INVOKE SERVICE requests for WEBSERVICES.
zWBSVINVK_N	INT	3	Count of the number of time periods contributing to the total elapsed time that the user task was processing INVOKE SERVICE requests for WEBSERVICES.

SMF110#01_Performance_Class.<fieldname>

zCBSVRNM	CHAR	4	ID=311 (DFHEJBS) CBSVRNM
zEJBSACCT	INT	4	ID=312 (DFHEJBS) EJBSACCT
zEJBSPACT	INT	4	ID=313 (DFHEJBS) EJBSPACT
zEJBCRECT	INT	4	ID=314 (DFHEJBS) EJBCRECT
zEJBREMCT	INT	4	ID=315 (DFHEJBS) EJBREMCT
zEJBMTHCT	INT	4	ID=316 (DFHEJBS) EJBMTHTCT
zEJBTOTCT	INT	4	ID=317 (DFHEJBS) EJBTOTCT
zSOCONMSG	CHAR	4	ID=344 (DFH SOCK) Indicates whether the task processed the first message for establishing a new connection for a client. This field helps you measure how often a new socket connection is created. 'Y' Indicates that the task processed the first message from the client. 'N' Indicates that the task processed a subsequent message from the client.
zNJSAPPNM	CHAR	32	ID=419 (DFHWEBB) Node.js application name from which the task was started.

Secondary segment: SMF110#01_Exception_Class

Field Name	Type	Len	Description
<i>SMF110#01_Exception_Class.<fieldname></i>			
zMNTRN	CHAR	4	Transaction identification.
zMNTER	CHAR	4	Terminal identification. This field is null if the task is not associated with a terminal or session.
zMNUSR	CHAR	8	User identification at task creation. This identifier can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zMNTST	CHAR	4	Transaction start type. 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by Front End Programming Interface (FEPI).
zMNSTA	TSTMP	8	Start time of the exception.
zMNSTO	TSTMP	8	Finish time of the exception.
zMNTNO	DEC	4 (7,0)	Transaction identification number.
zMNTPR	INT	4	Transaction priority when monitoring was initialized for the task.
zMNLUN	CHAR	8	z/OS Communications Server logical unit name (if available) of the terminal associated with this transaction. This field is nulls if the task is not associated with a terminal.
zMNEXN	INT	4	Exception sequence number for this task.

zMNRTY	CHAR	8	Exception resource type.
zMNRID	CHAR	8	Exception resource identification.
zMNTYP	INT (ENUM)	2	Exception type.
zMNTCN	CHAR	8	Transaction class name. This field is null if the transaction is not in a transaction class.
zMNSRV	CHAR	8	z/OS Workload Manager Service Class name for this transaction. This field is null if there are no transaction classification rules defined for CICS subsystems in the active z/OS Workload Manager (WLM) service policy, or if the transaction was WLM-classified in another CICS region.
zMNRPT	CHAR	8	z/OS Workload Manager Report Class name for this transaction. This field is null if there are no transaction classification rules defined for CICS subsystems in the active z/OS Workload Manager (WLM) service policy, or if the transaction was WLM-classified in another CICS region.
zMNNPX	CHAR	20	Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zMNNSX	INT	8	Name by which the unit of work is known within the originating system.
zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

SMF110#01_Exception_Class.zTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Exception_Class.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Exception_Class.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Exception_Class.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Exception_Class.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Exception_Class.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Exception_Class.<fieldname>

zMNFN	CHAR	4	Transaction facility name. This field is null if the transaction is not associated with a facility.
zMNCN	CHAR	8	The name of the currently running program for this user task when the exception condition occurred.
zMNBTR	CHAR	4	3270 Bridge transaction identification.
zMNURI	CHAR	16	RRMS/MVS unit-of-recovery ID (URID).
zMNRIL	INT	4	Exception resource ID length.
zMNRIX	CHAR	256	Exception resource ID (extended).
zMNNID	CHAR	8	NETID if a network qualified name has been received from z/OS Communications Server. For a z/OS Communications Server resource when the network qualified name has not yet been received, NETID is eight blanks. In all other cases, this field is nulls.
zMNRLU	CHAR	8	Real network name if a network qualified name has been received from z/OS.

Secondary segment: **SMF110#01_Transaction_Resource_Class**

Field Name	Type	Len	Description
SMF110#01_Transaction_Resource_Class.<fieldname>			
zLEN	INT	2	Length of resource data.
zID	INT	2	Monitoring domain id.
zDS_VERS	INT	1	DSECT version number.

SMF110#01_Transaction_Resource_Class.zHeader.<fieldname>

zHDRLEN	INT	2	Length of header data.
zTRN	INT	2	Number of record triplets.
zISO	INT	4	Offset to ID data.
zISL	INT	2	Length of ID entry.
zISN	INT	2	Number of ID entries.
zFSO	INT	4	Offset to File data.
zFSL	INT	2	Length of File entry.
zFSN	INT	2	Number of File entries.
zTSO	INT	4	Offset to TSQueue data.
zTSL	INT	2	Length of TSQueue entry.

zTSN	INT	2	Number of TSQueue entries.
zDSO	INT	4	Offset to DPL data.
zDSL	INT	2	Length of DPL entry.
zDSN	INT	2	Number of DPL entries.

Secondary segment: **SMF110#01_Transaction_Resource_Class_ID**

Field Name	Type	Len	Description
<i>SMF110#01_Transaction_Resource_Class_ID.<fieldname></i>			
zTRANID	CHAR	4	Transaction identification.
zTERMID	CHAR	4	Terminal identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	User identification at task creation. This identifier can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zSTYPE	CHAR	4	Transaction start type. 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by Front End Programming Interface (FEPI).
zSTART	TSTMP	8	Start time of the exception.
zSTOP	TSTMP	8	Finish time of the exception.
zTASKNO	INT	4	Transaction identification number.
zLUNAME	CHAR	8	The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	The name of the first program invoked at attach-time.
zUOW_PX	CHAR	20	Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zUOW_SX	CHAR	8	Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

<i>SMF110#01_Transaction_Resource_Class_ID.zTRAN_WLM.<fieldname></i>			
zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

<i>SMF110#01_Transaction_Resource_Class_ID.zTRAN_Def.<fieldname></i>			
--	--	--	--

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Transaction_Resource_Class_ID.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Transaction_Resource_Class_ID.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zFCTYNAME	CHAR	4	Transaction facility name. This field is null if the transaction is not associated with a facility.
zRTYPE	CHAR	4	Transaction Facility record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.
zTERMCNNM	CHAR	4	Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).

SMF110#01_Transaction_Resource_Class_ID.zRES_FLAG1.<fieldname>

zMaxFiles	BIT	1	The maximum number of files to be monitored (defined in the MCT) has been exceeded by the transaction.
zMaxStor	BIT	1	The maximum number of temporary storage queues to be monitored (defined in the MCT) has been exceeded by the transaction.

zMaxLink	BIT	1	The maximum number of distributed program link requests to be monitored (defined in the MCT) has been exceeded by the transaction.
----------	-----	---	--

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zISIPICNM	CHAR	8	The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zCLIPADDR	CHAR	40	The IP address of the originating client or Telnet client.
zORIGIN_NETWORKID	CHAR	8	The network identifier from which this work request (transaction) originated.
zORIGIN_APPLID	CHAR	8	The applid of the CICS region where this work request (transaction) originated. For example, the region in which the CWXN task ran.
zORIGIN_ATT_TIME	TSTMP	8	The time when the originating task, for example, the CWXN task, was started.
zORIGIN_TRANNUM	DEC	4 (7,0)	The number of the originating task. For example, the CWXN task.
zORIGIN_TRANID	CHAR	4	The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zORIGIN_USERID	CHAR	8	The originating Userid-2 or Userid-1, for example, from CWBA, depending on the originating task.
zORIGIN_USER_CORR	CHAR	64	The originating user correlator.
zORIGIN_TCPIPSESV	CHAR	8	The name of the originating TCPIP SERVICE.
zORIGIN_PORTNUM	INT	4	The port number used by the originating TCPIP SERVICE.
zORIGIN_CLIPADDR	CHAR	40	The IP address of the originating client or Telnet client.
zORIGIN_CLIPPORT	INT	4	The TCP/IP port number of the originating client or Telnet client.
zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Transaction_Resource_Class_ID.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Transaction_Resource_Class_ID.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Transaction_Resource_Class_ID.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Transaction_Resource_Class_ID.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Transaction_Resource_Class_ID.<fieldname>

zORIGIN_FCTYNAME	CHAR	8	The facility name of the originating transaction.
zPHD_NETWKID	CHAR	8	The network identifier of the CICS system of an immediately previous task in another CICS region with which this task is associated.
zPHD_APPLID	CHAR	8	The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHD_ATTACH_TIME	TSTMP	8	The start time of the immediately previous task in another CICS system with which this task is associated.
zPHD_TRANNUM	DEC	4 (7,0)	The task number of the immediately previous task in another CICS system with which this task is associated.
zPHD_TRANID	CHAR	4	The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHD_COUNT	INT	4	The number of times there has been a request from one CICS system to another CICS region to initiate a task with which this task is associated.
zTRNGRPID	CHAR	28	The transaction group ID of the originating task.
zPTD_ATTACH_TIME	TSTMP	8	The start time of the immediately previous or parent task in the same CICS system with which this task is associated.
zPTD_TRANNUM	DEC	4 (7,0)	The task number of the immediately previous or parent task in the same CICS system with which this task is associated.
zPTD_TRANID	CHAR	4	The transaction ID (TRANSID) of the immediately previous or parent task in the same CICS system with which this task is associated.
zPTD_COUNT	INT	4	The number of times there has been a request from one task to initiate another task in the same CICS system with which this task is associated, such as by an EXEC CICS RUN TRANSID or START command.

Secondary segment: SMF110#01_Transaction_Resource_Class_File

Field Name	Type	Len	Description
SMF110#01_Transaction_Resource_Class_File.<fieldname>			
zNAME	CHAR	8	

			The CICS 8-character name of the file to which the following data fields refer.
zGET	TIME	4	The elapsed time that the user task waited for completion of GET requests issued by the user task for this file.
zGET_N	INT	3	The number of GET requests issued against the file.
zPUT	TIME	4	The elapsed time that the user task waited for completion of PUT requests issued by the user task for this file.
zPUT_N	INT	3	The number of PUT requests issued against the file.
zBRWSE	TIME	4	The elapsed time that the user task waited for completion of BROWSE requests issued by the user task for this file.
zBRWSE_N	INT	3	The number of BROWSE requests issued against the file.
zADD	TIME	4	The elapsed time that the user task waited for completion of ADD requests issued by the user task for this file.
zADD_N	INT	3	The number of ADD requests issued against the file.
zDEL	TIME	4	The elapsed time that the user task waited for completion of DELETE requests issued by the user task for this file.
zDEL_N	INT	3	The number of DELETE requests issued against the file.
zTOTAL	TIME	4	The total elapsed time that the user task waited for completion of all requests issued by the user task for this file.
zTOTAL_N	INT	3	The number of all requests issued against the file.
zAM_RQ	INT	4	Number of times the user task called file access-method interfaces.
zIO_WT	INT	4	The total I/O wait time on this file.
zIO_WT_N	INT	3	The number of requests issued against the file which waited for I/O.
zRLS_IO_WT	TIME	4	The elapsed time in which the user task waited for RLS file I/O on this file.
zRLS_IO_WT_N	INT	3	The number of requests issued against the RLS file which waited for I/O.
zCFDT_IO_WT	TIME	4	The elapsed time in which the user task waited for a data table access request to the coupling facility data table server to complete for this file.
zCFDT_IO_WT_N	INT	3	The number of requests to the coupling facility data table server for the file.
zXC_WT	TIME	4	The elapsed time in which the user task waited for exclusive enqueues.
zXC_WT_N	INT	3	The number of requests for exclusive enqueues for the file.
zVS_WT	TIME	4	The elapsed time in which the user task waited for VSAM strings.
zVS_WT_N	INT	3	The number of requests for VSAM strings for the file.

Secondary segment: SMF110#01_Transaction_Resource_Class_TSQueue

Field Name	Type	Len	Description
<i>SMF110#01_Transaction_Resource_Class_TSQueue.<fieldname></i>			
zNAME	CHAR	16	The CICS 16-character name of the temporary storage queue to which the following data fields refer.
zGET	TIME	4	The elapsed time that the user task waited for completion of GET requests issued by the user task for this temporary storage queue.
zGET_N	INT	3	The number of GET requests issued against the temporary storage queue.
zPUT_AUX	TIME	4	The elapsed time that the user task waited for completion of PUT requests to auxiliary temporary storage, issued by the user task for this temporary storage queue.
zPUT_AUX_N	INT	3	The number of PUT requests to auxiliary temporary storage issued against the temporary storage queue.
zPUT_MAIN	TIME	4	The elapsed time that the user task waited for completion of PUT requests to main temporary storage, issued by the user task for this temporary

			storage queue.
zPUT_MAIN_N	INT	3	The number of PUT requests to main temporary storage issued against the temporary storage queue.
zTOTAL	TIME	4	The total elapsed time that the user task waited for completion of all requests issued by the user task for this temporary storage queue.
zTOTAL_N	INT	3	The number of all requests issued against the temporary storage queue.
zGET_ITEML	INT	4	The total length of all items obtained from this temporary storage queue.
zPUT_AUX_ITEML	INT	4	The total length of all items written to the auxiliary temporary storage queue.
zPUT_MAIN_ITEML	INT	4	The total length of all items written to the main temporary storage queue.
zIO_WT	TIME	4	The total I/O wait time units on this temporary storage queue.
zIO_WT_N	INT	3	The number of requests issued against the temporary storage queue which waited for I/O.
zIO_WT_SHR	TIME	4	The total I/O wait time units on the shared temporary storage queue.
zIO_WT_SHR_N	INT	3	The number of requests issued against the shared temporary storage queue which waited for I/O.
zGET_SHR	TIME	4	The elapsed time that the user task waited for completion of GET requests to shared temporary storage, issued by the user task for this temporary storage queue.
zGET_SHR_N	INT	3	The number of GET requests to shared temporary storage issued against the temporary storage queue.
zPUT_SHR	TIME	4	The elapsed time that the user task waited for completion of PUT requests to shared temporary storage, issued by the user task for this temporary storage queue.
zPUT_SHR_N	INT	3	The number of PUT requests to shared temporary storage issued against the temporary storage queue.
zGET_SHR_ITEML	INT	4	The total length of all items obtained from this shared temporary storage queue.
zPUT_SHR_ITEML	INT	4	The total length of all items written to this shared temporary storage queue.

Secondary segment: SMF110#01_Transaction_Resource_Class_DPL

Field Name	Type	Len	Description
<i>SMF110#01_Transaction_Resource_Class_DPL.<fieldname></i>			
zPROGRAM_NAME	CHAR	8	The name of the program to which the following data fields refer.
zSYSID	CHAR	4	The name of the remote system to which this program was routed for the distributed program link.
zLINK_REQS	CHAR	4	The number of distributed program link requests issued by the user task for this program and sysid combination.

Secondary segment: SMF110#01_Identity_Resource_Class

Field Name	Type	Len	Description
<i>SMF110#01_Identity_Resource_Class.<fieldname></i>			
zLEN	INT	2	Length of identity data.
zID	INT	2	Monitoring domain id.
zDS_VERS	INT	1	DSECT version number.

SMF110#01_Identity_Resource_Class.zHeader.<fieldname>			
zHDRLLEN	INT	2	Length of header data.
zTRN	INT	2	Number of record triplets.
zISO	INT	4	Offset to ID data.
zISL	INT	2	Length of ID entry.
zISN	INT	2	Number of ID entries.
zDSO	INT	4	Offset to Data entru.
zDSL	INT	2	Length of Data entry.
zDSN	INT	2	Number of Data entries.

Secondary segment: **SMF110#01_Identity_Resource_Class_ID**

Field Name	Type	Len	Description
SMF110#01_Identity_Resource_Class_ID.<fieldname>			
zTRANID	CHAR	4	Transaction identification.
zTERMID	CHAR	4	Terminal identification. This field is null if the task is not associated with a terminal or session.
zUSERID	CHAR	8	User identification at task creation. This identifier can also be the remote user identifier for a task created as the result of receiving an ATTACH request across an MRO or APPC link with attach-time security enabled.
zSTYPE	CHAR	4	Transaction start type. 'TO' => Attached from terminal input. 'S' => Attached by automatic transaction initiation (ATI) without data. 'SD' => Attached by automatic transaction initiation (ATI) with data. 'QD' => Attached by transient data trigger level. 'U' => Attached by user request. 'TP' => Attached from terminal TCTTE transaction ID. 'SZ' => Attached by Front End Programming Interface (FEPI).
zSTART	TSTMP	8	Start time of the exception.
zSTOP	TSTMP	8	Finish time of the exception.
zTASKNO	INT	4	Transaction identification number.
zLUNAME	CHAR	8	The z/OS Communications Server SNA logical unit name (if available) of the terminal that is associated with this transaction.
zPGMNAME	CHAR	8	The name of the first program invoked at attach-time.
zUOW_PX	CHAR	20	Fully qualified name by which the originating system is known to the z/OS Communications Server network.
zUOW_SX	CHAR	8	Name by which the network unit of work ID is known in the originating system.
zRSYSID	CHAR	4	The name (system ID) of the remote system to which this transaction was routed, either statically or dynamically.
zTRAN_Facility	INT (ENUM)	1	Transaction facility type.
zTRAN_id	INT (ENUM)	1	Transaction identification.

SMF110#01_Identity_Resource_Class_ID.zTRAN_WLM.<fieldname>			
zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	

			This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.
--	--	--	---

SMF110#01_Identity_Resource_Class_ID.zTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Identity_Resource_Class_ID.<fieldname>

zTRAN_Origin	INT (ENUM)	1	Transaction Origin Type.
--------------	---------------	---	--------------------------

SMF110#01_Identity_Resource_Class_ID.zTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Identity_Resource_Class_ID.<fieldname>

zTRAN_Track	INT	1	Transaction tracking origin data tag.
-------------	-----	---	---------------------------------------

SMF110#01_Identity_Resource_Class_ID.zRecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Identity_Resource_Class_ID.<fieldname>

zFCTYNAME	CHAR	4	Transaction facility name. This field is null if the transaction is not associated with a facility.
zRTYPE	CHAR	4	Transaction Facility record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zTERM_Assoc	INT (ENUM)	1	Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	Identifies the terminal or session type for the terminal id or session id in TERM.

zTERMCNNM	CHAR	4	Terminal session connection name. If the terminal facility associated with this transaction is a session, this field is the name of the owning connection (sysid).
zISIPICNM	CHAR	8	The name of the IPIC (IPCONN) entry of the TCP/IP service that attached the user task.
zCLIPADDR	CHAR	40	The IP address of the originating client or Telnet client.
zORIGIN_NETWORKID	CHAR	8	The network identifier from which this work request (transaction) originated.
zORIGIN_APPLID	CHAR	8	The applid of the CICS region where this work request (transaction) originated. For example, the region in which the CWXN task ran.
zORIGIN_ATT_TIME	TSTMP	8	The time when the originating task, for example, the CWXN task, was started.
zORIGIN_TRANNUM	DEC	4 (7,0)	The number of the originating task. For example, the CWXN task.
zORIGIN_TRANID	CHAR	4	The transaction ID (TRANSID) of the originating task. For example, the CWXN task.
zORIGIN_USERID	CHAR	8	The originating Userid-2 or Userid-1, for example, from CWBA, depending on the originating task.
zORIGIN_USER_CORR	CHAR	64	The originating user correlator.
zORIGIN_TCPIPSERV	CHAR	8	The name of the originating TCPIP SERVICE.
zORIGIN_PORTNUM	INT	4	The port number used by the originating TCPIP SERVICE.
zORIGIN_CLIPADDR	CHAR	40	The IP address of the originating client or Telnet client.
zORIGIN_CLIPPORT	INT	4	The TCP/IP port number of the originating client or Telnet client.
zOTRAN_Facility	INT (ENUM)	1	Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	Originating Transaction identification.

SMF110#01_Identity_Resource_Class_ID.zOTRAN_WLM.<fieldname>

zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#01_Identity_Resource_Class_ID.zOTRAN_Def.<fieldname>

zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#01_Identity_Resource_Class_ID.<fieldname>

zOTRAN_Origin	INT (ENUM)	1	Originating Transaction Type.
---------------	---------------	---	-------------------------------

SMF110#01_Identity_Resource_Class_ID.zOTRAN_Status.<fieldname>

zOrigin	BIT	1	The transaction origin.
---------	-----	---	-------------------------

zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#01_Identity_Resource_Class_ID.<fieldname>

zOTRAN_Track	INT	1	Originating Transaction tracking origin data tag.
--------------	-----	---	---

SMF110#01_Identity_Resource_Class_ID.zORecovery_Manager.<fieldname>

zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#01_Identity_Resource_Class_ID.<fieldname>

zORIGIN_FCTYNAME	CHAR	8	The facility name of the originating transaction.
zPHD_NETWORKID	CHAR	8	The network identifier of the CICS system of an immediately previous task in another CICS region with which this task is associated.
zPHD_APPLID	CHAR	8	The APPLID from previous hop data. This is the APPLID of the CICS system of a previous task in another CICS system with which this task is associated.
zPHD_ATTACH_TIME	TSTMP	8	The start time of the immediately previous task in another CICS system with which this task is associated.
zPHD_TRANNUM	DEC	4 (7,0)	The task number of the immediately previous task in another CICS system with which this task is associated.
zPHD_TRANID	CHAR	4	The transaction ID (TRANSID) of the immediately previous task in another CICS system with which this task is associated.
zPHD_COUNT	INT	4	The number of times there has been a request from one CICS system to another CICS region to initiate a task with which this task is associated.
zPTD_ATTACH_TIME	TSTMP	8	The start time of the immediately previous or parent task in the same CICS system with which this task is associated.
zPTD_TRANNUM	DEC	4 (7,0)	The task number of the immediately previous or parent task in the same CICS system with which this task is associated.
zPTD_TRANID	CHAR	4	The transaction ID (TRANSID) of the immediately previous or parent task in the same CICS system with which this task is associated.
zPTD_COUNT	INT	4	The number of times there has been a request from one task to initiate another task in the same CICS system with which this task is associated, such as by an EXEC CICS RUN TRANSID or START command.

Secondary segment: SMF110#01_Identity_Resource_Class_Data

Field Name	Type	Len	Description
SMF110#01_Identity_Resource_Class_Data.<fieldname>			
zIDENT	INT	2	Data identification.
zLENGTH	INT	2	Length of zFIELD data entry.
zFIELD	XVCHAR		

		0 255	Data entry. If zIDENT=1, A distinguished name, which uniquely identifies the user. If zIDENT=2, A realm, which identifies the set of resources to which the authentication information requested (that is, the user ID and password) applies.
--	--	----------	---

Record Type 110 Subtype 2 - Statistics

Primary Segment:

- SMF110#02_CICS_TS_Statistics

Secondary Segment(s): 75 (in alphabetical order)

- SMF110#02_zOS_Communications_Server_Stats
- SMF110#02_ASYNCSERVICE_Global
- SMF110#02_ATOMSERVICE_Resource
- SMF110#02_BUNDLEs_Resource
- SMF110#02_CAPTURESPECS_Resource
- SMF110#02_Data_Section
- SMF110#02_Dispatcher_Stats
- SMF110#02_Dispatcher_TCB_Global
- SMF110#02_Dispatcher_TCB_Resid
- SMF110#02_DBCTL_USS
- SMF110#02_DB2_Connection_Stats_Global
- SMF110#02_DB2_Entry_Stats_Resource
- SMF110#02_DOCTEMPLATE_Resource
- SMF110#02_Enqueue_Mgr_Stats_Global
- SMF110#02_EPADAPTERs_Resource
- SMF110#02_EVENTBINDINGs_Global
- SMF110#02_EVENTBINDINGs_Resource
- SMF110#02_EVENTPROCESS_Global
- SMF110#02_File_Control_Resid
- SMF110#02_FEPI_Connection
- SMF110#02_FEPI_Pool
- SMF110#02_FEPI_Target
- SMF110#02_IPCONN_Resource
- SMF110#02_ISC_Connection_System_Security
- SMF110#02_ISC#IRC_Mode_Entry_Resid
- SMF110#02_ISC#IRC_System_Entry_Resid
- SMF110#02_JVM_Programs_Private
- SMF110#02_JVMPROGRAM_Stats_Resource
- SMF110#02_JVMSERVER_Stats_Resource
- SMF110#02 Loader_Globals
- SMF110#02_Logger_Stats_Resid
- SMF110#02_Logstream_Stats_Global
- SMF110#02_Logstream_Stats_Resid
- SMF110#02_LIBRARY_Resources_Private
- SMF110#02_LIBRARY_Resources_Public
- SMF110#02_LSRPOOL_File_Stats_by_File
- SMF110#02_LSRPOOL_Pool_Stats_Resid
- SMF110#02_Monitoring_Stats_Global
- SMF110#02_Monitoring_Stats_Resid
- SMF110#02_MQ_Connection_Stats_Global
- SMF110#02_MQMONITORs_Resource
- SMF110#02_NODEJSAPP_Resource
- SMF110#02_Private_Loader_Resid
- SMF110#02_Product_Section
- SMF110#02_Program_Autoinstall
- SMF110#02_Program_Definitions_Private
- SMF110#02_Public_Loader_Resid
- SMF110#02_PIPELInE_Resource
- SMF110#02_POLICYs_Resource
- SMF110#02_PROGRAMDEF_Stats_Resource
- SMF110#02_Recovery_Mgr_Stats_Global
- SMF110#02_Statistics_Stats
- SMF110#02_Storage_Manager_DSA
- SMF110#02_Storage_Manager_Task_Subpool
- SMF110#02_Storage_Mgr_Domain_Subpool
- SMF110#02_System_Dump_Global
- SMF110#02_System_Dump_Resid
- SMF110#02_Table_Manager_Stats
- SMF110#02_Terminal_Autoinstall_Stats
- SMF110#02_Terminal_Control_Resid
- SMF110#02_Transaction_Dump_Global
- SMF110#02_Transaction_Dump_Resid
- SMF110#02_Transaction_Manager_Globals
- SMF110#02_Transaction_Manager_Tclass
- SMF110#02_Transaction_Manager_Trans
- SMF110#02_TCP#IP_Global
- SMF110#02_TCPIP_Services_Resource
- SMF110#02_TDQUEUE_Globals
- SMF110#02_TDQUEUE_Resid
- SMF110#02_TSQUEUE_Stats
- SMF110#02_User_Domain_Stats

- SMF110#02_URIMAPs_Global
- SMF110#02_URIMAPs_Resource
- SMF110#02_WEBSERVICE_Resource
- SMF110#02_XMLTRANSFORM_Resource

Primary segment: SMF110#02_CICS_TS_Statistics

Field Name	Type	Len	Description
<i>SMF110#02_CICS_TS_Statistics.<fieldname></i>			
<i>SMF110#02_CICS_TS_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: N/A) Record type 110 (X'6E').
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: N/A) Subsystem identification. CICS
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF110#02_CICS_TS_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zPOF	INT	4	(IBM name: N/A) Offset to product section.
zPLN	INT	2	(IBM name: N/A) Length of product section.
zPON	INT	2	(IBM name: N/A) Number of product sections.
zDOF	INT	4	(IBM name: N/A) Offset to DATA section.
zDLN	INT	2	(IBM name: N/A) Length of DATA section.
zDON	INT	2	(IBM name: N/A) Number of DATA sections.

Secondary segment: SMF110#02_Data_Section

Field Name	Type	Len	Description
<i>SMF110#02_Data_Section.<fieldname></i>			
zRest	XVCHAR	0 32760	

Secondary segment: SMF110#02_Product_Section

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF110#02_Product_Section.<fieldname>			
zVRM	HEX	2	(IBM name: N/A) Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.
zPRN	CHAR	8	(IBM name: N/A) Product name (Generic APPLID).
zSPN	CHAR	8	(IBM name: N/A) Specific APPLID.
zMFL	INT	2	(IBM name: N/A) Record maintenance indicator.
zDTK	HEX	4	(IBM name: N/A) Domain Token.
zDID	CHAR	2	(IBM name: N/A) Domain Id.
zRQT	CHAR	3	(IBM name: N/A) Statistics type - USS/EOD/REQ/INT.
zICD	CHAR	3	(IBM name: N/A) YES if incomplete data recorded.
zCDATE	CHAR	8	(IBM name: N/A) Collection date MMDDYYYY.
zCTIME	CHAR	6	(IBM name: N/A) Collection time HHMMSS.
zINT	CHAR	6	(IBM name: N/A) Interval HHMMSS.
zINO	INT	4	(IBM name: N/A) Interval number.
zRTK	CHAR	8	(IBM name: N/A) Request token.
zLRT	CHAR	6	(IBM name: N/A) Last reset time HHMMSS.
zCST	TSTMP	8	(IBM name: N/A) CICS start time.
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zJTM	TSTMP	8	(IBM name: N/A) Job timestamp.
zUSERID	CHAR	8	(IBM name: USERID) User identification.
zPDN	CHAR	8	(IBM name: N/A) Operating system product level.

Secondary segment: SMF110#02_Transaction_Manager_Globals

Field Name	Type	Len	Description
SMF110#02_Transaction_Manager_Globals.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'XMG' => Transaction Manager global statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNUM	INT	4	(IBM name: N/A) Number of transactions (user + system) attached.

zMXT	INT	4	(IBM name: N/A) Current MAXTASK value.
zCAT	INT	4	(IBM name: N/A) Current active user transactions.
zCQT	INT	4	(IBM name: N/A) Current queued user transactions.
zTAMXT	INT	4	(IBM name: N/A) Times at MAXTASK.
zPAT	INT	4	(IBM name: N/A) Peak active user transactions.
zPQT	INT	4	(IBM name: N/A) Peak queued user transactions.
zTAT	INT	4	(IBM name: N/A) Total active user transactions.
zTDT	INT	4	(IBM name: N/A) Total delayed user transactions. Note that this does not include those transactions currently queuing.
zTQTME	TIME	8	(IBM name: N/A) Total time spent waiting by transactions that had to queue for MXT but not including transactions currently queued.
zCQTME	TIME	8	(IBM name: N/A) Total time spent by transactions currently queued for MXT.
zTNUM	INT	8	(IBM name: N/A) Total number of transactions at the time of the last reset.
zGTAT	TSTMP	8	(IBM name: N/A) Time last transaction attached (GMT).
zLTAT	TSTMP	8	(IBM name: N/A) Time last transaction attached (local).
zGSMXT	TSTMP	8	(IBM name: N/A) Time MAXTASK set (GMT).
zLSMXT	TSTMP	8	(IBM name: N/A) Time MAXTASK set (local).
zGAMXT	TSTMP	8	(IBM name: N/A) Time MAXTASK reached (GMT).
zLAMXT	TSTMP	8	(IBM name: N/A) Time MAXTASK reached (local).

SMF110#02_Transaction_Manager_Globals.zATMXT.<fieldname>			
MXT	BIT	1	Currently at MAXTASK.

Secondary segment: SMF110#02_Transaction_Manager_Trans

Field Name	Type	Len	Description
<i>SMF110#02_Transaction_Manager_Trans.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'XMR' => Transaction Manager transaction statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTID	CHAR	4	(IBM name: N/A) Transaction id.
zPNAM	CHAR	8	

			(IBM name: N/A) Program name.
zTCL	CHAR	8	(IBM name: N/A) Tclass name.
zRNAM	CHAR	8	(IBM name: N/A) Remote transaction id.
zRSYS	CHAR	4	(IBM name: N/A) Remote sysid.
zPRTY	INT	2	(IBM name: N/A) Transaction priority.
zDYN	CHAR	1	(IBM name: N/A) Dynamic indicator (Yes or No).
zAC	INT	4	(IBM name: N/A) Attach count.
zRC	INT	4	(IBM name: N/A) Restart count.
zDLC	INT	4	(IBM name: N/A) Dynamic local count (the number of times the transaction routing exit decided to run this transaction locally).
zDRC	INT	4	(IBM name: N/A) Dynamic remote count (the number of times the transaction routing exit decided to run this transaction remotely).
zRSC	INT	4	(IBM name: N/A) Remote start count.
zSVC	INT	4	(IBM name: N/A) Storage violation count.
zITOV	INT	4	(IBM name: N/A) Indoubt timeout value (in minutes).
zIWTOP	CHAR	1	(IBM name: N/A) IndoubtWait option (Yes or No).
zIACTN	CHAR	1	(IBM name: N/A) Indoubt action (Commit or Backout).
zENTRYPOINT	INT (ENUM)	1	(IBM name: N/A) Application entry point exists.
zIWAIT	INT	4	(IBM name: N/A) Number of indoubt waits.
zFATXN	INT	4	(IBM name: N/A) Forced action due to trandef.
zFAIT	INT	4	(IBM name: N/A) Forced action due to indoubt timeout.
zFANW	INT	4	(IBM name: N/A) Forced action due to no wait ability.
zFAOP	INT	4	(IBM name: N/A) Forced action due to operator.
zFAOT	INT	4	(IBM name: N/A) Forced action due to other.
zAMISM	INT	4	(IBM name: N/A) Number of Action mismatches.
zDEFINE_SOURCE	CHAR	8	(IBM name: D2R_DEFINE_SOURCE) Group installed from.
zCHANGE_TIME	TSTMP	8	(IBM name: D2R_CHANGE_TIME) Change/create time.
zCHANGE_USERID	CHAR	8	(IBM name: D2R_CHANGE_USERID) Change userid.
zCHANGE_AGENT	INT (ENUM)	2	(IBM name: D2R_CHANGE_AGENT) Change agent.

zINSTALL_AGENT	INT (ENUM)	2	(IBM name: D2R_INSTALL_AGENT) Install agent.
zINSTALL_TIME	TSTMP	8	(IBM name: D2R_INSTALL_TIME) Install/Create time.
zINSTALL_USERID	CHAR	8	(IBM name: D2R_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_Transaction_Manager_Tclass

Field Name	Type	Len	Description
<i>SMF110#02_Transaction_Manager_Tclass.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'XMC' => Transaction Manager TClass statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTClass	CHAR	8	(IBM name: N/A) Tclass name.
zTAT	INT	4	(IBM name: N/A) Total attach requests for transactions in this tclass.
zPI	INT	4	(IBM name: N/A) Transactions purged immediately because threshold reached.
zTQ	INT	4	(IBM name: N/A) Transactions that had to queue but are no longer queued.
zAI	INT	4	(IBM name: N/A) Transactions accepted immediately.
zAAQ	INT	4	(IBM name: N/A) Transactions accepted after queuing.
zPWQ	INT	4	(IBM name: N/A) Transactions purged while queuing.
zMXT	INT	4	(IBM name: N/A) Max. number of transactions allowed.
zTH	INT	4	(IBM name: N/A) Purge threshold.
zITD	INT	4	(IBM name: N/A) Installed transaction definitions in this tclass.
zPAT	INT	4	(IBM name: N/A) Peak active user transactions.
zPQT	INT	4	(IBM name: N/A) Peak queued user transactions.
zTAMA	INT	4	(IBM name: N/A) Times at max. active.
zTAPT	INT	4	(IBM name: N/A) Times at purge threshold.
zCAT	INT	4	(IBM name: N/A) Current active user transactions.
zCQT	INT	4	(IBM name: N/A) Current queued user transactions.
zTQTME	TIME	8	(IBM name: N/A) Total queuing time of those transactions that are no longer queuing.
zCQTME	TIME	8	(IBM name: N/A) Total queuing time of those transactions that are still queuing.

zDEFINE_SOURCE	CHAR	8	(IBM name: D2R_DEFINE_SOURCE) Group installed from.
zCHANGE_TIME	TSTMP	8	(IBM name: D2R_CHANGE_TIME) Change/create time.
zCHANGE_USERID	CHAR	8	(IBM name: D2R_CHANGE_USERID) Change userid.
zCHANGE_AGENT	INT (ENUM)	2	(IBM name: D2R_CHANGE_AGENT) Change agent.
zINSTALL_AGENT	INT (ENUM)	2	(IBM name: D2R_INSTALL_AGENT) Install agent.
zINSTALL_TIME	TSTMP	8	(IBM name: D2R_INSTALL_TIME) Install/Create time.
zINSTALL_USERID	CHAR	8	(IBM name: D2R_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_FEPI_Pool

Field Name	Type	Len	Description
<i>SMF110#02_FEPI_Pool.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'FEPIP' => FEPI pool statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPOOL	CHAR	8	(IBM name: N/A) Pool name.
zTRGCT	INT	4	(IBM name: N/A) Number of targets.
zNDCT	INT	4	(IBM name: N/A) Number of nodes.
zCONCT	INT	4	(IBM name: N/A) Number of connections.
zCONPK	INT	4	(IBM name: N/A) Peak number of connections.
zALLOC	INT	4	(IBM name: N/A) Number of conversation allocates.
zPKALL	INT	4	(IBM name: N/A) Peak number of concurrent allocates.
zWAIT	INT	4	(IBM name: N/A) Current number of allocates waiting.
zTOTWT	INT	4	(IBM name: N/A) Total number of allocates waited.
zPKWT	INT	4	(IBM name: N/A) Peak number of allocates waiting.
zTIOU	INT	4	(IBM name: N/A) Number of allocates that timed out.

Secondary segment: **SMF110#02_FEPI_Connection**

Field Name	Type	Len	Description
<i>SMF110#02_FEPI_Connection.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'FEPIC' => FEPI connection statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPOOL	CHAR	8	(IBM name: N/A) Pool name.
zTARG	CHAR	8	(IBM name: N/A) Target name.
zNODE	CHAR	8	(IBM name: N/A) Node name.
zACQ	INT	4	(IBM name: N/A) Number of acquires for connection.
zCNV	INT	4	(IBM name: N/A) Number of conversations.
zUSI	INT	4	(IBM name: N/A) Number of unsolicited inputs received.
zCHOUT	INT	4	(IBM name: N/A) Number of characters sent on connection.
zCHIN	INT	4	(IBM name: N/A) Number of characters received on connection.
zRTOUT	INT	4	(IBM name: N/A) Number of receive timeouts.
zERROR	INT	4	(IBM name: N/A) Number of error conditions.

Secondary segment: **SMF110#02_FEPI_Target**

Field Name	Type	Len	Description
<i>SMF110#02_FEPI_Target.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'FEPI' => FEPI target statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTARG	CHAR	8	(IBM name: N/A) Target name.
zPOOL	CHAR	8	(IBM name: N/A) Pool name.
zAPPL	CHAR	8	(IBM name: N/A) Applid.
zNDCT	INT	4	(IBM name: N/A) Number of nodes.
zALLOC	INT	4	(IBM name: N/A) Number of conversation allocates.
zTOTWT	INT	4	

			(IBM name: N/A) Total Number of allocates waited.
zWAIT	INT	4	(IBM name: N/A) Current Number of allocates waiting.
zPKWT	INT	4	(IBM name: N/A) Peak Number of allocates waiting.
zTIOU	INT	4	(IBM name: N/A) Number of allocates that timed out.

Secondary segment: **SMF110#02_Storage_Mgr_Domain_Subpool**

Field Name	Type	Len	Description
<i>SMF110#02_Storage_Mgr_Domain_Subpool.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SMD' => Storage mgr domain subpool statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSPN	CHAR	8	(IBM name: N/A) Subpool name.
zDSANAME	CHAR	8	(IBM name: N/A) DSA name.
zETYPE	INT (ENUM)	1	(IBM name: N/A) Element type.
zFLEN	INT	4	(IBM name: N/A) Length (if fixed).
zELCHN	INT	1	(IBM name: N/A) Element chaining (yes/no?).
zBNDRY	INT	4	(IBM name: N/A) Boundary.
zLOCN	INT (ENUM)	1	(IBM name: N/A) Load location.
zACCESS	INT (ENUM)	1	(IBM name: N/A) Access.
zDSAINDEX	INT (ENUM)	1	(IBM name: N/A) DSA index.
zIFREE	INT	4	(IBM name: N/A) Initial free value.
zGMREQ	INT	4	(IBM name: N/A) Number of Getmain reqs.
zFMREQ	INT	4	(IBM name: N/A) Number of Freemain reqs.
zCES	INT	4	(IBM name: N/A) Sum of all element lengths.
zCPS	INT	4	(IBM name: N/A) Current page storage.
zCELEM	INT	4	(IBM name: N/A) Current number of elements.
zHWMP	INT	4	(IBM name: N/A) High Water Mark Page Storage.

Secondary segment: **SMF110#02_Storage_Manager_Task_Subpool**

Field Name	Type	Len	Description
<i>SMF110#02_Storage_Manager_Task_Subpool.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SMT' => Storage manager task subpool statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNTASK	INT	2	(IBM name: N/A) Number of task subpools.

<i>SMF110#02_Storage_Manager_Task_Subpool.zSMTBODY.<fieldname></i>			
zDSANAME	CHAR	8	(IBM name: N/A) DSA name.
zLOCN	INT (ENUM)	1	(IBM name: N/A) Load location.
zACCESS	INT (ENUM)	1	(IBM name: N/A) Access.
zDSAINDEX	INT (ENUM)	1	(IBM name: N/A) DSA index.
zGMREQ	INT	4	(IBM name: N/A) Number Getmain requests.
zFMREQ	INT	4	(IBM name: N/A) Number Freemain requests.
zCES	INT	4	(IBM name: N/A) Sum of all element lengths.
zCPS	INT	4	(IBM name: N/A) Current page storage.
zCNE	INT	4	(IBM name: N/A) Current Number elements.
zHWMP5	INT	4	(IBM name: N/A) High Water Mark Page storage.

Secondary segment: **SMF110#02_zOS_Communications_Server_Stats**

Field Name	Type	Len	Description
<i>SMF110#02_zOS_Communications_Server_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'VT' => z/OS Communications Server statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zRPLXT	DEC	4 (7,0)	(IBM name: N/A) Times at RPL max.
zRPLX	DEC	2 (3,0)	(IBM name: N/A) Max RPLs posted.
zVTSOS	INT	2	(IBM name: N/A) VTAM SOS.

zDOC	INT	2	(IBM name: N/A) Dynamic open count.
zLUNUM	INT	4	(IBM name: N/A) Current LUs in session.
zLUHWM	INT	4	(IBM name: N/A) HWM LUs in session.
zPSIC	INT	4	(IBM name: N/A) PRSS inquire count.
zPSNC	INT	4	(IBM name: N/A) PRSS nib count.
zPSOC	INT	4	(IBM name: N/A) PRSS opndst count.
zPSUC	INT	4	(IBM name: N/A) PRSS unbind count.
zPSEC	INT	4	(IBM name: N/A) PRSS error count.
zPSTYP	CHAR	4	(IBM name: N/A) SNPS/MNPS/NOPS - Persistency.
zPSDIN	TIME	4	(IBM name: N/A) PSDINT - Format 0hhmmss.
zBMVL	INT (ENUM)	1	(IBM name: N/A) BMS 3270 Validation.
zBMIG	INT	4	(IBM name: N/A) BMS 3270 ignored count.
zBMLG	INT	4	(IBM name: N/A) BMS 3270 logged count.
zBMAB	INT	4	(IBM name: N/A) BMS 3270 abended count.

Secondary segment: SMF110#02_Program_Autoinstall

Field Name	Type	Len	Description
<i>SMF110#02_Program_Autoinstall.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'PAUTO' => Program Autoinstall statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zATT	INT	4	(IBM name: N/A) Number of attempts.
zREJ	INT	4	(IBM name: N/A) Number of rejects.
zFAIL	INT	4	(IBM name: N/A) Number of failures.

Secondary segment: SMF110#02_Terminal_Autoinstall_Stats

Field Name	Type	Len	Description
<i>SMF110#02_Terminal_Autoinstall_Stats.<fieldname></i>			

zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'AUTO' => Terminal Autoinstall statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zVADAT	INT	4	(IBM name: N/A) Total attempts.
zVADSH	INT	2	(IBM name: N/A) Times setlogon hold issued.
zVADRJ	INT	4	(IBM name: N/A) Total rejected.
zVADLO	INT	4	(IBM name: N/A) Total deleted.
zVADPK	INT	2	(IBM name: N/A) Peak concurrent attempts.
zVADPX	INT	2	(IBM name: N/A) Times peak reached.
zVADQT	INT	4	(IBM name: N/A) Number of queued logons.
zVADQK	INT	2	(IBM name: N/A) Peak of Queued logons.
zVADQX	INT	2	(IBM name: N/A) Number of times peak is reached.
zRDINT	DEC	4 (7,0)	(IBM name: N/A) Shipped delete interval.
zRDIDL	DEC	4 (7,0)	(IBM name: N/A) Shipped delete idle time.
zSKBLT	INT	4	(IBM name: N/A) Remote terminals built.
zSKINS	INT	4	(IBM name: N/A) Remote terminals installed.
zSKDEL	INT	4	(IBM name: N/A) Remote terminals deleted.
zTIEXP	INT	4	(IBM name: N/A) Times interval expired.
zRDREC	INT	4	(IBM name: N/A) Number of remdels received.
zRDISS	INT	4	(IBM name: N/A) Number of remdels issued.
zRDDEL	INT	4	(IBM name: N/A) Number of remdel deletes.
zCIDCT	INT	4	(IBM name: N/A) Current idle count.
zCIDLE	TIME	8	(IBM name: N/A) Current idle time.
zCMAXI	TIME	8	(IBM name: N/A) Current maximum idle time.
zTIDCT	INT	4	(IBM name: N/A) Total idle count.
zTIDLE	TIME	8	(IBM name: N/A) Total idle time.
zTMAXI	TIME	8	(IBM name: N/A) Maximum idle time.

Secondary segment: **SMF110#02_Public_Loader_Resid**

Field Name	Type	Len	Description
<i>SMF110#02_Public_Loader_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LDR' => Public Loader (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPNAME	CHAR	8	(IBM name: N/A) Program name.
zTU	INT	4	(IBM name: N/A) Times used since last reset.
zFC	INT	4	(IBM name: N/A) Fetch count.
zFT	INT	4	(IBM name: N/A) Total time taken for all fetchs.
zRPLO	INT	4	(IBM name: N/A) Offset into LIBRARY DD of owning PDS(E).
zTN	INT	4	(IBM name: N/A) Times NEWCOPYed.
zPSIZE	INT	4	(IBM name: N/A) Program size.
zRPC	INT	4	(IBM name: N/A) Times removed by program compression.
zLOCN	INT (ENUM)	1	(IBM name: N/A) Location of current copy.
zLBNM	CHAR	8	(IBM name: N/A) Program library name.
zLBDNM	CHAR	44	(IBM name: N/A) Program library dsname.

Secondary segment: **SMF110#02_DBCTL_USS**

Field Name	Type	Len	Description
<i>SMF110#02_DBCTL_USS.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'DBUSS' => DBCTL USS statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTSENO	INT	4	(IBM name: N/A) CICS-DBCTL session number.
zTDBID	CHAR	4	(IBM name: N/A) DBCTL id.
zRSEN	CHAR	8	(IBM name: N/A) RSE name.
zCTIME	TSTMP	8	

			(IBM name: N/A) Connect time (GMT STCK).
zDTIME	TSTMP	8	(IBM name: N/A) Disconnect time (GMT STCK).
zMITHD	INT	2	(IBM name: N/A) Minimum number of threads.
zMATHD	INT	2	(IBM name: N/A) Maximum number of threads.
zNOMITHD	INT	4	(IBM name: N/A) Number of times min threads hit.
zNOMATHD	INT	4	(IBM name: N/A) Number of times max threads hit.
zELMAX	TIME	8	(IBM name: N/A) Elapsed time at max threads.
zHIWAT	INT	4	(IBM name: N/A) Hi-water for Number of threads.
zPSBSU	INT	4	(IBM name: N/A) Total Number successful PSB schedules.
zLCTIM	TSTMP	8	(IBM name: N/A) Connect Time (Local STCK).
zLDTIM	TSTMP	8	(IBM name: N/A) Disconnect Time (Local STCK).

Secondary segment: **SMF110#02_Storage_Manager_DSA**

Field Name	Type	Len	Description
<i>SMF110#02_Storage_Manager_DSA.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SMDSA' => Storage manager DSA statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

<i>SMF110#02_Storage_Manager_DSA.zSMHDR.<fieldname></i>			
zGBLLEN	INT	2	(IBM name: N/A) Global stats length.
zNPAGP	INT	2	(IBM name: N/A) Number of Pagepools.
zSTGPROT	INT (ENUM)	1	(IBM name: N/A) STGPROT status.
zRENTPGM	INT (ENUM)	1	(IBM name: N/A) RENTPGM status.
zTRANISO	INT (ENUM)	1	(IBM name: N/A) TRANISO status.
zMEMLIMITSrc	INT (ENUM)	1	(IBM name: N/A) MEMLIMIT Source.

<i>SMF110#02_Storage_Manager_DSA.zSMSSTATS.<fieldname></i>			
zUSSCUR	INT	4	(IBM name: N/A) Current number of unique subspace users.
zUSSCUM	INT	4	(IBM name: N/A) Cumulative number of unique subspace users.

zUSSHWM	INT	4	(IBM name: N/A) HWM of unique subspace users.
zCSSCUR	INT	4	(IBM name: N/A) Current number of common subspace users.
zCSSCUM	INT	4	(IBM name: N/A) Cumulative number of common subspace users.
zCSSHWM	INT	4	(IBM name: N/A) HWM of common subspace users.
zDSALIMIT	INT	4	(IBM name: N/A) Current DSA limit.
zEDSALIMIT	INT	4	(IBM name: N/A) Current EDSA limit.
zDSATOTAL	INT	4	(IBM name: N/A) Current DSA total.
zEDSATOTAL	INT	4	(IBM name: N/A) Current EDSA total.
zHWMDSATOTAL	INT	4	(IBM name: N/A) HWM DSA total.
zHWMEDSATOTAL	INT	4	(IBM name: N/A) HWM EDSA total.
zTIMEWAITMVS	TIME	8	(IBM name: N/A) Total time waiting for MVS storage.
zMVSSTGREQWAITS	INT	4	(IBM name: N/A) Number of requests for MVS storage causing wait.
zMEMLIMIT	INT	8	(IBM name: N/A) MEMLIMIT Size.
zGETSTORSIZE	INT	8	(IBM name: N/A) GETSTOR request size.
zASACTIVE	INT	8	(IBM name: N/A) Current Address Space addressable.
zHWMASACTIVE	INT	8	(IBM name: N/A) HWM Address Space addressable.
zGDSAACTIVE	INT	8	(IBM name: N/A) Current GDSA active.
zHWMGDSAACTIVE	INT	8	(IBM name: N/A) HWM GDSA active.
zGDSAALLOC	INT	8	(IBM name: N/A) Current GDSA allocated.
zHWMGDSAALLOC	INT	8	(IBM name: N/A) HWM GDSA allocated.
zLVBYTES	INT	8	(IBM name: N/A) Bytes Allocated to Private Memory Objects.
zLVHBYTES	INT	8	(IBM name: N/A) Bytes Hidden within Private Memory Objects.
zLVGBYTES	INT	8	(IBM name: N/A) HWM Bytes Usable within Private Memory Objects.
zLVNMEMOBJ	INT	8	(IBM name: N/A) Number of Private Memory Objects.
zFROMGUARDFAIL	INT	8	(IBM name: N/A) Number of FROMGUARD Failures.
zFROMGUARDFAILSIZ	INT	8	(IBM name: N/A) FROMGUARD Failure Size.
zLVSHRBYTES	INT	8	(IBM name: N/A) Shared Bytes from Large Memory Objects.
zLVSHRBYTES	INT	8	(IBM name: N/A) HWM Shared Bytes within Large Memory Objects.

zLVSHRNMEMOBJ	INT	8	(IBM name: N/A) Number of Shared Memory Objects.
zHVAUXSLOTS	INT	8	(IBM name: N/A) Auxiliary slots to back 64-bit Private Memory Objects.
zHVGAUXSLOTS	INT	8	(IBM name: N/A) HWM Auxiliary slots to back 64-bit Private Memory Objects.
zHVPAGESINREAL	INT	8	(IBM name: N/A) Real Frames to back 64-bit Private Memory Objects.
zHVGPAGESINREAL	INT	8	(IBM name: N/A) HWM Real Frames to back 64-bit Private Memory Objects.
zLARGEMEMOBJ	INT	8	(IBM name: N/A) Number of Large Memory Objects.
zLARGEPPAGESINREAL	INT	8	(IBM name: N/A) Number of Large Pages Backed in Real Storage.

SMF110#02_Storage_Manager_DSA.zSMSBODY.<fieldname>

zDSANAME	CHAR	8	(IBM name: N/A) DSA name.
zLOCN	INT (ENUM)	1	(IBM name: N/A) Storage location.
zACCESS	INT (ENUM)	1	(IBM name: N/A) Access.
zDSAINDEX	INT (ENUM)	1	(IBM name: N/A) DSA index.
zDSASZ	INT	4	(IBM name: N/A) Current size of DSA.
zHWMDASZ	INT	4	(IBM name: N/A) HWM Size of DSA.
zCSIZE	INT	4	(IBM name: N/A) Current cushion size.
zGMREQ	INT	4	(IBM name: N/A) Number of Getmain requests.
zFMREQ	INT	4	(IBM name: N/A) Number of Freemain requests.
zASR	INT	4	(IBM name: N/A) Number of Add-subpool requests.
zDSR	INT	4	(IBM name: N/A) Number of Del-subpool requests.
zCRISS	INT	4	(IBM name: N/A) Conditional requests returning insufficient storage.
zUCSS	INT	4	(IBM name: N/A) Uncond requests suspended.
zCSS	INT	4	(IBM name: N/A) Curr requests susp for storage.
zHWMSS	INT	4	(IBM name: N/A) HWM requests susp for storage.
zPWWS	INT	4	(IBM name: N/A) Number of tasks purged, waiting storage.
zCREL	INT	4	(IBM name: N/A) Number of cushion releases.
zSOS	INT	4	(IBM name: N/A) Times SOS occurred.
zTSOS	TIME	8	(IBM name: N/A) Total time SOS.
zCSUBP	INT	4	(IBM name: N/A) Current Number of subpools.

zFSTG	INT	4	(IBM name: N/A) Free storage (inc. cushion).
zHWMFSTG	INT	4	(IBM name: N/A) HWM free storage (inc. cushion).
zLWMFSTG	INT	4	(IBM name: N/A) LWM free storage (inc. cushion).
zLFA	INT	4	(IBM name: N/A) Largest free area in DSA.
zSV	INT	4	(IBM name: N/A) Number of of storage violations.
zEXTS	INT	4	(IBM name: N/A) Current number of extents.
zEXTSA	INT	4	(IBM name: N/A) Number of extents added.
zEXTSR	INT	4	(IBM name: N/A) Number of extents released.

Secondary segment: SMF110#02_Loader_Globals

Field Name	Type	Len	Description
<i>SMF110#02_Loader_Globals.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LDG' => Loader (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

<i>SMF110#02_Loader_Globals.zGLOBAL.<fieldname></i>			
zLLR	INT	4	(IBM name: N/A) Number of LIBRARY load requests.
zLLT	TIME	4	(IBM name: N/A) Total time for all loads.
zPUSES	INT	4	(IBM name: N/A) Number of program uses.
zWLR	INT	4	(IBM name: N/A) Number of loader reqs waiting.
zWLRHW	INT	4	(IBM name: N/A) HWM waiting loader reqs.
zHWMT	INT	4	(IBM name: N/A) Times at HWM.
zTTW	TIME	4	(IBM name: N/A) Total time waiting.
zDREBS	INT	4	(IBM name: N/A) Number of LIBRARY DEB rebuilds.
zWTDLR	INT	4	(IBM name: N/A) Number of loader reqs that waited.
zLLRRO	INT	4	(IBM name: N/A) Number of LIBRARY load requests on the RO TCB.
zLLTRO	TIME	4	(IBM name: N/A) Total time for loads on the RO TCB.
zLWSOU	INT	4	(IBM name: N/A) Load waits due to search order update.

zLSORT	TSTMP	8	(IBM name: N/A) LIBRARY search order update time.
zLBSOU	INT	4	(IBM name: N/A) LIBRARY search order updates.

SMF110#02_Loader_Globals.zDSASTAT.<fieldname>

zSTGNIU	INT	4	(IBM name: N/A) Amount of storage occupied by NIU programs.
zPROGNIU	INT	4	(IBM name: N/A) Number of programs on NIU queue.
zRECNUI	INT	4	(IBM name: N/A) Number of programs reclaimed from NIU queue.
zDPSCR	INT	4	(IBM name: N/A) Number of programs removed by DPSC.
zDPSCT	TIME	8	(IBM name: N/A) Total time on NIU queue.
zDSAINDEX	INT (ENUM)	1	(IBM name: N/A) DSA index.

Secondary segment: SMF110#02_LIBRARY_Resources_Public

Field Name	Type	Len	Description
SMF110#02_LIBRARY_Resources_Public.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LDB' => LIBRARY resources (public) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
LIBRARY_NAME	CHAR	8	Library name.
LIBRARY_SEARCH_POS	INT	4	Library search position.
LIBRARY_RANKING	INT	4	Library ranking.
LIBRARY_CRITICAL	INT (ENUM)	1	Library critical.
LIBRARY_ENABLE_STATUS	INT (ENUM)	1	Library enable status.
LIBRARY_PROG_LOADS	INT	4	Library program loads.
LIBRARY_DEFINE_SOURCE	CHAR	8	Group installed from.
LIBRARY_CHANGE_TIME	TSTMP	8	Change/create time.
LIBRARY_CHANGE_USERID	CHAR	8	Change userid.
LIBRARY_CHANGE_AGENT	INT (ENUM)	2	Change agent.
LIBRARY_INSTALL_AGENT	INT (ENUM)	2	install agent.
LIBRARY_INSTALL_TIME	TSTMP	8	Install/Create time.
LIBRARY_INSTALL_USERID	CHAR	8	Install userid.
LIBRARY_NUMDSNAMES	INT	4	Library number of DSNs.
LIBRARY_DSN	CHAR	44	Library DSN.

Secondary segment: **SMF110#02_LIBRARY_Resources_Private**

Field Name	Type	Len	Description
<i>SMF110#02_LIBRARY_Resources_Private.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LDY' => LIBRARY resources (private) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
LIBRARY_PLATFORM_NAME	CHAR	64	Platform name.
LIBRARY_APPLICATION_NAME	CHAR	64	Application name.
LIBRARY_APPL_MAJOR_VER	INT	4	Application major version.
LIBRARY_APPL_MINOR_VER	INT	4	Application minor version.
LIBRARY_APPL_MICRO_VER	INT	4	Application micro version.
LIBRARY_NAME	CHAR	8	Library name.
LIBRARY_SEARCH_POS	INT	4	Library search position.
LIBRARY_RANKING	INT	4	Library ranking.
LIBRARY_CRITICAL	INT (ENUM)	1	Library critical.
LIBRARY_ENABLE_STATUS	INT (ENUM)	1	Library enable status.
LIBRARY_PROG_LOADS	INT	4	Library program loads.
LIBRARY_DEFINE_SOURCE	CHAR	8	Group installed from.
LIBRARY_CHANGE_TIME	TSTMP	8	Change/create time.
LIBRARY_CHANGE_USERID	CHAR	8	Change userid.
LIBRARY_CHANGE_AGENT	INT (ENUM)	2	Change agent.
LIBRARY_INSTALL_AGENT	INT (ENUM)	2	Install agent.
LIBRARY_INSTALL_TIME	TSTMP	8	Install/Create time.
LIBRARY_INSTALL_USERID	CHAR	8	Install userid.
LIBRARY_NUMDSNAMES	INT	4	Library number of DSNs.
LIBRARY_DSN	CHAR	44	Library DSN.

Secondary segment: **SMF110#02_Terminal_Control_Resid**

Field Name	Type	Len	Description
<i>SMF110#02_Terminal_Control_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TCR' => Terminal control (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

zTETI	CHAR	4	(IBM name: N/A) Terminal id.
zTETT	INT (ENUM)	1	(IBM name: N/A) Terminal type.

SMF110#02_Terminal_Control_Resid.zEAMIB.<fieldname>

zVTAM	BIT	1	Access Method - VTAM.
zBTAM	BIT	1	Access Method - BTAM.
zBSAM	BIT	1	Access Method - BSAM.
zTCAM	BIT	1	Access Method - TCAM.
zGAM	BIT	1	Access Method - GAM.
zISMM	BIT	1	Access Method - ISMM.
zTCAMSNA	BIT	1	Access Method - TCAM SNA.

SMF110#02_Terminal_Control_Resid.<fieldname>

zLENP	DEC	4 (7,0)	(IBM name: N/A) Number of polls.
zTENI	INT	4	(IBM name: N/A) Input messages.
zTENO	INT	4	(IBM name: N/A) Output messages.
zTEOT	INT	4	(IBM name: N/A) Number of transactions.
zCSVC	INT	4	(IBM name: N/A) Storage violations.
zTETE	INT	4	(IBM name: N/A) Transmission errors.
zTEOE	INT	4	(IBM name: N/A) Transaction errors.
zTCNT	INT	4	(IBM name: N/A) Pipeline messages (Total).
zSCNT	INT	4	(IBM name: N/A) Pipeline messages (Groups).
zMCNT	INT	2	(IBM name: N/A) Pipeline messages (Max consec).
zLUNAM	CHAR	8	(IBM name: N/A) LU Name.
zPRTY	CHAR	1	(IBM name: N/A) Terminal Priority.
zSTG	INT	4	(IBM name: N/A) TIOA Storage.
zSYSID	CHAR	4	(IBM name: N/A) Owning SYSID of terminal/session.
zONTM	TSTMP	8	(IBM name: N/A) Autoinstall logon time (Local).
zOFFTM	TSTMP	8	(IBM name: N/A) Autoinstall logoff time (Local).
zGONTM	TSTMP	8	(IBM name: N/A) Autoinstall logon time (GMT).
zGOFTM	TSTMP	8	(IBM name: N/A) Autoinstall logoff time (GMT).

Secondary segment: SMF110#02_Private_Loader_Resid

Field Name	Type	Len	Description
<i>SMF110#02_Private_Loader_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LDP' => Private Loader (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPLATFORM	CHAR	64	(IBM name: N/A) Platform name.
zAPPLICATION	CHAR	64	(IBM name: N/A) Application name.
zAPPL_MAJOR_VER	INT	4	(IBM name: LDP_APPL_MAJOR_VER) Application major version.
zAPPL_MINOR_VER	INT	4	(IBM name: LDP_APPL_MINOR_VER) Application minor version.
zAPPL_MICRO_VER	INT	4	(IBM name: LDP_APPL_MICRO_VER) Application micro version.
zPNAME	CHAR	8	(IBM name: N/A) Program name.
zTU	INT	4	(IBM name: N/A) Times used since last reset.
zFC	INT	4	(IBM name: N/A) Fetch count.
zFT	INT	4	(IBM name: N/A) Total time taken for all fetchs.
zRPLO	INT	4	(IBM name: N/A) Offset into LIBRARY DD of owning PDS(E).
zTN	INT	4	(IBM name: N/A) Times NEWCOPYed.
zPSIZE	INT	4	(IBM name: N/A) Program size.
zRPC	INT	4	(IBM name: N/A) Times removed by program compression.
zLOCN	INT (ENUM)	1	(IBM name: N/A) Location of current copy.
zLBNM	CHAR	8	(IBM name: N/A) Program library name.
zLBDNM	CHAR	44	(IBM name: N/A) Program library dsname.
zOPERATION_NAME	CHAR	64	(IBM name: LDP_OPERATION_NAME) Operation name.

Secondary segment: SMF110#02_LSRPOOL_Pool_Stats_Resid

Field Name	Type	Len	Description
<i>SMF110#02_LSRPOOL_Pool_Stats_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID		2	

	INT (ENUM)		(IBM name: N/A) 'LSRR' => LSRPOOL pool (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSRPID	INT	1	(IBM name: N/A) LSR pool number.

SMF110#02_LSRPOOL_Pool_Stats_Resid.zFLAGS.<fieldname>

zIDSEP	BIT	1	Separate index and data pools.
--------	-----	---	--------------------------------

SMF110#02_LSRPOOL_Pool_Stats_Resid.<fieldname>

zLBKCD	TSTMP	8	(IBM name: N/A) Time pool created (Local STCK).
zLBKDD	TSTMP	8	(IBM name: N/A) Time pool deleted (Local STCK).
zGBKCD	TSTMP	8	(IBM name: N/A) Time pool created (GMT STCK).
zGBKDD	TSTMP	8	(IBM name: N/A) Time pool deleted (GMT STCK).
zBK KYL	INT	2	(IBM name: N/A) Max key length.
zBKSTN	INT	2	(IBM name: N/A) No. of strings.
zBKHSW	INT	2	(IBM name: N/A) Peak reqs waiting on string.
zBKTSW	INT	4	(IBM name: N/A) Total No. reqs waiting on string.
zBKHAS	INT	2	(IBM name: N/A) Peak No. conc active FC strings.
zTOBFN_DATA	INT	4	(IBM name: N/A) Total no. of data buffers.
zTOHBN_DATA	INT	4	(IBM name: N/A) Total data hiperspace buffs.
zTOBFF_DATA	INT	4	(IBM name: N/A) Total no. successful look asides.
zTOFRD_DATA	INT	4	(IBM name: N/A) Total no. buffer reads.
zTOUIW_DATA	INT	4	(IBM name: N/A) Total no. user initiated writes.
zTONUW_DATA	INT	4	(IBM name: N/A) Total no. non-user initiated writes.
zTOCRS_DATA	INT	4	(IBM name: N/A) Total no. successful CREAD.
zTOCWS_DATA	INT	4	(IBM name: N/A) Total no. successful CWRITE.
zTOCRF_DATA	INT	4	(IBM name: N/A) Total no. failing CREAD.
zTOCWF_DATA	INT	4	(IBM name: N/A) Total no. failing CWRITE.
zTOBFN_IND X	INT	4	(IBM name: N/A) Total no. of index buffers.
zTOHBN_IND X	INT	4	(IBM name: N/A) Total indx hiperspace buffs.
zTOBFF_IND X	INT	4	(IBM name: N/A) Total no. successful look asides.

zTOFRD_INDIX	INT	4	(IBM name: N/A) Total no. buffer reads.
zTOUIW_INDIX	INT	4	(IBM name: N/A) Total no. user initiated writes.
zTONUW_INDIX	INT	4	(IBM name: N/A) Total no. non-user initiated writes.
zTOCRS_INDIX	INT	4	(IBM name: N/A) Total no. successful CREAD.
zTOCWS_INDIX	INT	4	(IBM name: N/A) Total no. successful CWRITE.
zTOCRF_INDIX	INT	4	(IBM name: N/A) Total no. failing CREAD.
zTOCWF_INDIX	INT	4	(IBM name: N/A) Total no. failing CWRITE.

SMF110#02_LSRPOOL_Pool_Stats_Resid.zBufSzStat.<fieldname>

zBKBSZ	INT	2	(IBM name: N/A) Buffer size.
zBKBFN	INT	2	(IBM name: N/A) No. of buffers.
zBKHBN	INT	4	(IBM name: N/A) No. of hiperspace buffers.
zBKBF	INT	4	(IBM name: N/A) No. successful look asides.
zBKFRD	INT	4	(IBM name: N/A) No. buffer reads.
zBKUIW	INT	4	(IBM name: N/A) No. user initiated buffer writes.
zBKNUW	INT	4	(IBM name: N/A) No. non-user initiated buffer writes.
zBKCRS	INT	4	(IBM name: N/A) No. successful CREAD.
zBKCWS	INT	4	(IBM name: N/A) No. successful CWRITE.
zBKCRF	INT	4	(IBM name: N/A) No. failing CREAD.
zBKCWF	INT	4	(IBM name: N/A) No. failing CWRITE.

Secondary segment: SMF110#02_LSRPOOL_File_Stats_by_File

Field Name	Type	Len	Description
<i>SMF110#02_LSRPOOL_File_Stats_by_File.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LSRFR' => LSRPOOL File (by file) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSRPID	INT	2	(IBM name: N/A) LSR pool number.
zDSID	CHAR	8	(IBM name: N/A) Filename.

zDBN	INT	2	(IBM name: N/A) Data buffer size.
zIBN	INT	2	(IBM name: N/A) Index buffer size.
zTBW	INT	4	(IBM name: N/A) Total buffer waits.
zHBW	INT	2	(IBM name: N/A) Highest buffer waits.

Secondary segment: SMF110#02_TDQUEUE_Resid

Field Name	Type	Len	Description
<i>SMF110#02_TDQUEUE_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TDQR' => TDQUEUE (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zQID	CHAR	4	(IBM name: N/A) TD Queue identifier.
zQTYPE	INT (ENUM)	1	(IBM name: QTYPE) TD Queue destination type.
zWRITE	INT	4	(IBM name: N/A) Total writes to queue.
zREAD	INT	4	(IBM name: N/A) Total reads from queue.
zDELET	INT	4	(IBM name: N/A) Total deletes of queue.
zTRIGL	INT	2	(IBM name: N/A) ATI tranid trigger level.
zRTYPE	INT (ENUM)	1	(IBM name: RTYPE) Recovery type.
zFTYPE	INT (ENUM)	1	(IBM name: N/A) ATI facility type.
zFNAME	CHAR	4	(IBM name: N/A) ATI facility name.
zWAIT	INT (ENUM)	1	Indoubt action (reject/queue).
zWAITA	INT (ENUM)	1	(IBM name: N/A) Indoubt action (reject/queue).
zATRAN	CHAR	4	(IBM name: N/A) ATI tranid.
zTRIGN	INT	4	(IBM name: N/A) Number of triglev triggers.
zCCIOUS	INT	4	(IBM name: N/A) Current CIs in use by this queue.
zPCIOUS	INT	4	(IBM name: N/A) Peak CIs in use by this queue.
zCNITM	INT	4	(IBM name: N/A) Current number of items in queue.
zRSYS	CHAR	4	(IBM name: N/A) Remote sysid.

zRQID	CHAR	4	(IBM name: N/A) Remote Queue identifier.
zIQID	CHAR	4	(IBM name: N/A) Indirect Queue identifier.
zIOTYP	INT (ENUM)	1	(IBM name: N/A) I/O Type (input/output/readback).
zDDNM	CHAR	8	(IBM name: N/A) DD name of Extrapartition queue.
zDSNNM	CHAR	44	(IBM name: N/A) Dataset name of Extrapartition Queue.
zPDSMN	CHAR	8	(IBM name: N/A) PDS member name.
zDEFINE_SOURCE	CHAR	8	(IBM name: D2R_DEFINE_SOURCE) Group installed from.
zCHANGE_TIME	TSTMP	8	(IBM name: D2R_CHANGE_TIME) Change/create time.
zCHANGE_USERID	CHAR	8	(IBM name: D2R_CHANGE_USERID) Change userid.
zCHANGE_AGENT	INT (ENUM)	2	(IBM name: D2R_CHANGE_AGENT) Change agent.
zINSTALL_AGENT	INT (ENUM)	2	(IBM name: D2R_INSTALL_AGENT) Install agent.
zINSTALL_TIME	TSTMP	8	(IBM name: D2R_INSTALL_TIME) Install/Create time.
zINSTALL_USERID	CHAR	8	(IBM name: D2R_INSTALL_USERID) Install userid.
zPNITM	INT	4	(IBM name: N/A) Peak no. of items in queue.

Secondary segment: SMF110#02_TDQUEUE_Globals

Field Name	Type	Len	Description
<i>SMF110#02_TDQUEUE_Globals.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TDQG' => TDQUEUE (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zANBFA	INT	4	(IBM name: N/A) Number of Buffers.
zAMXIU	INT	4	(IBM name: N/A) Peak containing valid data.
zATNAL	INT	4	(IBM name: N/A) Times buffer accessed.
zAMXAL	INT	4	(IBM name: N/A) Peak concurrent access.
zATNWT	INT	4	(IBM name: N/A) Times buffer wait occurred.
zAMXWT	INT	4	(IBM name: N/A) Peak buffer waits.
zACISZ	INT	4	(IBM name: N/A) Control interval size.

zANCIS	INT	4	(IBM name: N/A) No. of control intervals.
zAMXCI	INT	4	(IBM name: N/A) Peak No. Control intervals used.
zANOSP	INT	4	(IBM name: N/A) Times NOSPACE occurred.
zACTPT	INT	4	(IBM name: N/A) No. of writes to dataset.
zACTGT	INT	4	(IBM name: N/A) No. of reads from dataset.
zACTFT	INT	4	(IBM name: N/A) No. formatting writes.
zACTIO	INT	4	(IBM name: N/A) No. of I/O errors.
zSNSTA	INT	4	(IBM name: N/A) Number of strings.
zSTNAL	INT	4	(IBM name: N/A) Times string accessed.
zSMXAL	INT	4	(IBM name: N/A) Peak concurrent accesses.
zSTNWT	INT	4	(IBM name: N/A) Times string wait occurred.
zSMXWT	INT	4	(IBM name: N/A) Peak string waits.
zACNAL	INT	4	(IBM name: N/A) Current concurrent buffer access.
zACNWT	INT	4	(IBM name: N/A) Current buffer waits.
zACNIU	INT	4	(IBM name: N/A) Current buffers containing valid data.
zSCNAL	INT	4	(IBM name: N/A) Current concurrent string access.
zSCNWT	INT	4	(IBM name: N/A) Current string waits.
zACTCI	INT	4	(IBM name: N/A) No. of Control intervals in use.

Secondary segment: SMF110#02_TSQUEUE_Stats

Field Name	Type	Len	Description
SMF110#02_TSQUEUE_Stats.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TSQ' => TSQUEUE statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSTA5F	INT	4	(IBM name: N/A) PUT/PUTQ main storage requests.
zNMG	INT	4	(IBM name: N/A) GET/GETQ main storage requests.
zSTA7F	INT	4	(IBM name: N/A) PUT/PUTQ aux storage requests.

zNAG	INT	4	(IBM name: N/A) GET/GETQ aux storage requests.
zQNUMH	INT	4	(IBM name: N/A) Peak TS names in use.
zQINH	INT	4	(IBM name: N/A) Entries in longest Queue.
zSTA3F	INT	4	(IBM name: N/A) Times queue created.
zCSZ	INT	4	(IBM name: N/A) Control interval size.
zSTABF	INT	4	(IBM name: N/A) Writes more than control interval.
zNCI	INT	4	(IBM name: N/A) CIs in TS dataset.
zNCIAH	INT	4	(IBM name: N/A) Peak CIs used.
zSTA8F	INT	4	(IBM name: N/A) Times aux store exhausted.
zNBCA	INT	2	(IBM name: N/A) No. TS Buffers.
zBWTN	INT	4	(IBM name: N/A) No. Buffer waits.
zBUWTH	INT	4	(IBM name: N/A) Peak users waiting on buffer.
zTWTN	INT	4	(IBM name: N/A) Buffer writes.
zTWTNR	INT	4	(IBM name: N/A) Writes force for recovery.
zTRDN	INT	4	(IBM name: N/A) Buffer reads.
zTWTNF	INT	4	(IBM name: N/A) Format writes.
zNVCA	INT	2	(IBM name: N/A) No. TS strings.
zNVCAH	INT	4	(IBM name: N/A) Peak strings in use.
zVWTN	INT	4	(IBM name: N/A) Times string wait occurred.
zVUWTH	INT	4	(IBM name: N/A) Peak users waiting on string.
zSTAAF	INT	4	(IBM name: N/A) I/O errors on TS dataset.
zSTA9F	INT	4	(IBM name: N/A) No. TS compressions.
zNCIA	INT	4	(IBM name: N/A) Current CIs in use.
zVUWT	INT	4	(IBM name: N/A) Users waiting on string.
zBUWT	INT	4	(IBM name: N/A) Users waiting on buffer.
zQNUM	INT	4	(IBM name: N/A) TS names in use.
zLAR	INT	4	(IBM name: N/A) Longest Auxiliary record length.
zNAVB	INT	4	(IBM name: N/A) No. available bytes per CI.

zSPCI	INT	4	(IBM name: N/A) Segments per CI.
zBPSEG	INT	4	(IBM name: N/A) Bytes per segment.
zSHPDF	INT	4	(IBM name: N/A) Shared pools defined.
zSHPCN	INT	4	(IBM name: N/A) Shared pools connected to.
zSHRDS	INT	4	(IBM name: N/A) Shared read requests.
zSHWTS	INT	4	(IBM name: N/A) Shared write requests.
zTSLHT	INT	4	(IBM name: N/A) Count of times TSMMAINLIMIT hit.
zTSMMLM	INT	8	(IBM name: N/A) TSMMAINLIMIT setting.
zTSMUS	INT	8	(IBM name: N/A) Current utilisation of TSMMAIN.
zTSMAX	INT	8	(IBM name: N/A) Maximum use of TS storage.
zTSQDL	INT	4	(IBM name: N/A) Number of queues auto deleted.
zTSCTR	INT	4	(IBM name: N/A) Count of cleanup task runs.

Secondary segment: SMF110#02_ISC#IRC_System_Entry_Resid

Field Name	Type	Len	Description
<i>SMF110#02_ISC#IRC_System_Entry_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CONSR' => ISC/IRC system entry (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zCNTN	CHAR	4	(IBM name: N/A) Connection name.
zEALL	INT	2	(IBM name: N/A) Aids in chain.
zESALL	INT	2	(IBM name: N/A) Generic AIDS in chain.
zEBID	INT	2	(IBM name: N/A) Current bids.
zESTAM	INT	2	(IBM name: N/A) Max outstanding allocates.
zE2HWM	INT	2	(IBM name: N/A) Max secondaries.
zEBHWM	INT	2	(IBM name: N/A) Max bids.
zES1	INT	4	(IBM name: N/A) ATIs satisfied by primaries.
zES2	INT	4	(IBM name: N/A) ATIs satisfied by secondaries.

zESBID	INT	4	(IBM name: N/A) Bids sent.
zESTAS	INT	4	(IBM name: N/A) Total allocates.
zESTAQ	INT	4	(IBM name: N/A) Queued allocates.
zESTAF	INT	4	(IBM name: N/A) Failed link allocates.
zESTAO	INT	4	(IBM name: N/A) Failed - other reasons.
zESTFC	INT	4	(IBM name: N/A) File control function shipping reqs.
zESTIC	INT	4	(IBM name: N/A) Intv control function shipping reqs.
zESTTD	INT	4	(IBM name: N/A) TD function shipping reqs.
zESTTS	INT	4	(IBM name: N/A) TS function shipping reqs.
zESTDL	INT	4	(IBM name: N/A) DL/I function shipping reqs.
zESTTC	INT	4	(IBM name: N/A) Terminal sharing reqs.
zE1HWM	INT	2	(IBM name: N/A) Max primaries.
zEQPCT	INT	2	(IBM name: N/A) MAXQTIME purge count.
zEALRJ	INT	4	(IBM name: N/A) Allocates rejected (QLIMIT).
zEMXQT	INT	2	(IBM name: N/A) Max queue time.
zEALIM	INT	2	(IBM name: N/A) Allocate queue limit.
zEZQRJ	INT	4	(IBM name: N/A) XZIQUE rejects.
zEZQPU	INT	2	(IBM name: N/A) XZIQUE purge count.
zEZQPC	INT	2	(IBM name: N/A) XZIQUE allocates purged.
zEMQPC	INT	2	(IBM name: N/A) MAXQTIME allocates purged.
zGACT	TSTMP	8	(IBM name: N/A) AI GMT conn create time.
zAICT	TSTMP	8	(IBM name: N/A) AI conn create time.
zGADT	TSTMP	8	(IBM name: N/A) AI GMT conn delete time.
zAIDT	TSTMP	8	(IBM name: N/A) AI conn delete time.
zESID	CHAR	8	(IBM name: N/A) Connection netname.
zACCM	INT (ENUM)	1	(IBM name: N/A) Access method.
zEFLGS	INT (ENUM)	1	(IBM name: N/A) Protocol.
zESECN	INT	2	(IBM name: N/A) Send session count.

zEPRMN	INT	2	(IBM name: N/A) Receive session count.
zE1RY	INT	2	(IBM name: N/A) Primaries currently used.
zE2RY	INT	2	(IBM name: N/A) Secondaries currently used.
zESTPC	INT	4	(IBM name: N/A) Program Control funct ship reqs.
zESTPC_CHANNEL	INT	4	(IBM name: N/A) Program Control FS Channel reqs.
zESTPC_CHANNEL_SENT	INT	8	(IBM name: N/A) Bytes sent PC FS Channel reqs.
zESTPC_CHANNEL_RCVD	INT	8	(IBM name: N/A) Bytes received PC FS Channel reqs.
zESTTC_CHANNEL	INT	4	(IBM name: N/A) Terminal Sharing Channel reqs.
zESTTC_CHANNEL_SENT	INT	8	(IBM name: N/A) Bytes sent Term Sharing Channel.
zESTTC_CHANNEL_RCVD	INT	8	(IBM name: N/A) Bytes received Term Sharing Channel.
zESTIC_CHANNEL	INT	4	(IBM name: N/A) Interval Control FS Channel reqs.
zESTIC_CHANNEL_SENT	INT	8	(IBM name: N/A) Bytes sent IC FS Channel reqs.
zESTIC_CHANNEL_RCVD	INT	8	(IBM name: N/A) Bytes received IC FS Channel reqs.
zDEFINE_SOURCE	CHAR	8	(IBM name: D2R_DEFINE_SOURCE) Group installed from.
zCHANGE_TIME	TSTMP	8	(IBM name: D2R_CHANGE_TIME) Change/create time.
zCHANGE_USERID	CHAR	8	(IBM name: D2R_CHANGE_USERID) Change userid.
zCHANGE_AGENT	INT (ENUM)	2	(IBM name: D2R_CHANGE_AGENT) Change agent.
zINSTALL_AGENT	INT (ENUM)	2	(IBM name: D2R_INSTALL_AGENT) Install agent.
zINSTALL_TIME	TSTMP	8	(IBM name: D2R_INSTALL_TIME) Install/Create time.
zINSTALL_USERID	CHAR	8	(IBM name: D2R_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_ISC_Connection_System_Security

Field Name	Type	Len	Description
<i>SMF110#02_ISC_Connection_System_Security.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CONSS' => ISC connection (system security) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSIT_LUIT_TIME	INT	2	(IBM name: N/A) Delay time for LUIT table.

zLUIT_TOTAL_REUSES	INT	4	(IBM name: N/A) Total number of entries reused in.
zLUIT_TOTAL_TIMEOUTS	INT	4	(IBM name: N/A) Total number of entries timed out in.
zLUIT_AV_REUSE_TIME	INT	4	(IBM name: N/A) Average reuse time between entries in.

Secondary segment: **SMF110#02_User_Domain_Stats**

Field Name	Type	Len	Description
<i>SMF110#02_User_Domain_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'USG' => User domain statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTOMRT	INT	4	(IBM name: N/A) Timeout Mean Reuse Time.
zTORC	INT	4	(IBM name: N/A) Timeout Reuse count.
zTOEC	INT	4	(IBM name: N/A) Timeout Expiry count.
zDRRC	INT	4	(IBM name: N/A) Directory Reuse count.
zDRNFC	INT	4	(IBM name: N/A) Directory not found count.

Secondary segment: **SMF110#02_Dispatcher_Stats**

Field Name	Type	Len	Description
<i>SMF110#02_Dispatcher_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'DS' => Dispatcher statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zGLEN	INT	2	(IBM name: N/A) Global stats length.
zASIZE	INT	2	(IBM name: N/A) No. of DSGTCBM dsects supplied.
zPSIZE	INT	2	(IBM name: N/A) No. of DSGTCBP dsects supplied.
<i>SMF110#02_Dispatcher_Stats.zSTATS.<fieldname></i>			
zICVT	INT	4	(IBM name: N/A) Current ICV time.
zICVRT	INT	4	(IBM name: N/A) Current ICVR Time.

zICVSD	INT	2	(IBM name: N/A) Current ICVTSD time.
zPRIAG	INT	2	(IBM name: N/A) Priority aging.
zSTSKS	INT	2	(IBM name: N/A) Subtasks value.
zMBTCH	INT	2	(IBM name: N/A) QR Batching (MRO) value.
zCNT	INT	2	(IBM name: N/A) Current number of tasks.
zPNT	INT	2	(IBM name: N/A) Peak number of tasks.
zSTART	TSTMP	8	(IBM name: START) GMT STCK Sub-Disp start time.
zLSTRT	TSTMP	8	(IBM name: N/A) Local STCK Sub-Disp start time.
zEJST	TIME	8	(IBM name: N/A) Elapsed Job Step timing.
zSRBT	TIME	8	(IBM name: N/A) Accumulated SRB time.
zXSCNS	INT	4	(IBM name: N/A) No. of excess TCB scans.
zXSCNN	INT	4	(IBM name: N/A) No. of scans - no TCB detached.
zXTCBD	INT	4	(IBM name: N/A) Total no. excess TCBs detached.
zGXSCN	TSTMP	8	(IBM name: N/A) Time of last excess TCB scan (GMT).
zLXSCN	TSTMP	8	(IBM name: N/A) Time of last excess TCB scan (local).
zGXSD	TSTMP	8	(IBM name: N/A) Time of last excess TCB scan (GMT) - no TCB detached.
zLXSD	TSTMP	8	(IBM name: N/A) Time of last excess TCB scan (local) - no TCB detected.

SMF110#02_Dispatcher_Stats.zTCBM.<fieldname>

zTCBNM	CHAR	2	(IBM name: N/A) TCB Mode Name.
zTCBMD	INT (ENUM)	1	(IBM name: N/A) TCB Mode.
zTCBMP	INT (ENUM)	2	(IBM name: N/A) TCB Mode Pool number.
zNTCBA	INT	4	(IBM name: N/A) No. of TCB attaches.
zTCBAF	INT	4	(IBM name: N/A) No. of TCB attach failures.
zTCBCA	INT	4	(IBM name: N/A) Current No. of TCBs attached.
zTCBPA	INT	4	(IBM name: N/A) Peak No. of TCBs attached.
zTCBCU	INT	4	(IBM name: N/A) Current No. TCBs used by mode.
zTCBPU	INT	4	(IBM name: N/A) Peak No. TCBs used by mode.
zTCBAL	INT	4	(IBM name: N/A) No. TCB Allocates to task.

zTCBDU	INT	4	(IBM name: N/A) No. of TCB detaches - unclean.
zTCBDS	INT	4	(IBM name: N/A) No. of TCB detaches - stolen.
zTCBDX	INT	4	(IBM name: N/A) No. of TCB detaches - excess.
zTCBDO	INT	4	(IBM name: N/A) No. of TCB detaches - other.
zTCBST	INT	4	(IBM name: N/A) No. of TCB steals.
zTCBMM	INT	4	(IBM name: N/A) No. of TCB mismatches.
zSYSW	INT	4	(IBM name: N/A) No. of partition exits.
zTMCDQ	INT	4	(IBM name: N/A) Current tasks on dispatchable queue.
zTMPDQ	INT	4	(IBM name: N/A) Peak tasks on dispatchable queue.
zTMADQ	INT	4	(IBM name: N/A) Average tasks on dispatchable queue (2 decimal places).
zTWT	TIME	8	(IBM name: N/A) Cum real time CICS in OS wait.
zTDT	TIME	8	(IBM name: N/A) Cum real time TCB disp by MVS.
zTCT	TIME	8	(IBM name: N/A) Cum CPU time for DS task.
zACT	TIME	8	(IBM name: N/A) Cum CPU time for TCB.

SMF110#02_Dispatcher_Stats.zTCBP.<fieldname>

zTCBPN	INT	2	(IBM name: N/A) TCB Pool Number.
zMXTCB	INT	4	(IBM name: N/A) Max number of TCBs.
zCNUAT	INT	4	(IBM name: N/A) Current TCBs attached.
zPNUAT	INT	4	(IBM name: N/A) Peak TCBs attached.
zCNUUS	INT	4	(IBM name: N/A) Current TCBs in use.
zPNUUS	INT	4	(IBM name: N/A) Peak TCBs in use.
zNTCBL	INT	4	(IBM name: N/A) No. times at TCB Pool Limit.
zTOTWL	TIME	8	(IBM name: N/A) Total Wait Time at TCB limit.
zCURWT	TIME	8	(IBM name: N/A) Current waiting time.
zTOTMT	TIME	8	(IBM name: N/A) Total MVS storage constraint delay time.
zTOTNW	INT	4	(IBM name: N/A) Total number of waits.
zTOTMW	INT	4	(IBM name: N/A) Requests delayed by MVS storage constraint.
zCURNW	INT	4	(IBM name: N/A) Current No. of tasks waiting for a TCB.

zPEANW	INT	4	(IBM name: N/A) Peak No. of tasks waiting for a TCB.
zMMWTS	INT	4	(IBM name: N/A) Total No. of TCB Mismatch waits.
zMMWTM	TIME	8	(IBM name: N/A) Total TCB Mismatch wait time.
zCMMWS	INT	4	(IBM name: N/A) Current TCB Mismatch waits.
zPMMWS	INT	4	(IBM name: N/A) Peak TCB Mismatch waits.
zCMMWT	TIME	8	(IBM name: N/A) Current TCB Mismatch Waiting time.
zGTCBL	TSTMP	8	(IBM name: N/A) Time (GMT) pool limit reached.
zLTCBL	TSTMP	8	(IBM name: N/A) Time (local) pool limit reached.

Secondary segment: SMF110#02_Table_Manager_Stats

Field Name	Type	Len	Description
<i>SMF110#02_Table_Manager_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TM' => Table manager statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
<i>SMF110#02_Table_Manager_Stats.zSTATS.<fieldname></i>			
zTNAM	CHAR	4	(IBM name: N/A) Table name.
zTSIZE	INT	4	(IBM name: N/A) Table size.

Secondary segment: SMF110#02_Dispatcher_TCB_Global

Field Name	Type	Len	Description
<i>SMF110#02_Dispatcher_TCB_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'DST' => Dispatcher TCB (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zCICSTCB_COUNT	INT	4	(IBM name: DSTDS_CICSTCB_COUNT) Current number of CICS TCBS.
zCICSTCB_CPU TIME	TIME	8	(IBM name: DSTDS_CICSTCB_CPU TIME) So far for currently attached.
zCICSTCB_STG_BELOW	INT	4	(IBM name: DSTDS_CICSTCB_STG_BELOW) Private stg below 16M.

zCICSTCB_STG_ABOVE	INT	4	(IBM name: DSTDS_CICSTCB_STG_ABOVE) Private stg above 16M.
zNONCICSTCB_COUNT	INT	4	(IBM name: DSTDS_NONCICSTCB_COUNT) Current number of non-CICS TCBs.
zNONCICSTCB_CPUTIME	TIME	8	(IBM name: DSTDS_NONCICSTCB_CPUTIME) So far for currently attached.
zNONCICSTCB_STG_BELOW	INT	4	(IBM name: DSTDS_NONCICSTCB_STG_BELOW) Private stg below 16M.
zNONCICSTCB_STG_ABOVE	INT	4	(IBM name: DSTDS_NONCICSTCB_STG_ABOVE) Private stg above 16M.
zCICSTCB_STG_BELOW_INUSE	INT	4	(IBM name: DSTDS_CICSTCB_STG_BELOW_INUSE) <16M in use.
zCICSTCB_STG_ABOVE_INUSE	INT	4	(IBM name: DSTDS_CICSTCB_STG_ABOVE_INUSE) >16M in use.
zNONCICSTCB_STG_BELOW_INUSE	INT	4	(IBM name: DSTDS_NONCICSTCB_STG_BELOW_INUSE) <16M in use.
zNONCICSTCB_STG_ABOVE_INUSE	INT	4	(IBM name: DSTDS_NONCICSTCB_STG_ABOVE_INUSE) >16M in use.

Secondary segment: SMF110#02_Dispatcher_TCB_Resid

Field Name	Type	Len	Description
<i>SMF110#02_Dispatcher_TCB_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'DSR' => Dispatcher TCB (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTCB_ADDRESS	HEX	4	(IBM name: DSRDS_TCB_ADDRESS) Address of MVS TCB.
zTCB_NAME	CHAR	8	(IBM name: DSRDS_TCB_NAME) Initial prog or QR, RO etc.
zTCB_TYPE	CHAR	1	(IBM name: DSRDS_TCB_TYPE) 'C' for CICS, 'N' for non-CICS.
zTCB_CICS_TASK	INT	4	(IBM name: DSRDS_TCB_CICS_TASK) CICS task number or 0.
zTCB_MOTHER	HEX	4	(IBM name: DSRDS_TCB_MOTHER) Address of mother TCB.
zTCB_SISTER	HEX	4	(IBM name: DSRDS_TCB_SISTER) Address of sister TCB.
zTCB_DAUGHTER	HEX	4	(IBM name: DSRDS_TCB_DAUGHTER) Address of daughter TCB.
zTCB_CPUTIME	TIME	8	(IBM name: DSRDS_TCB_CPUTIME) Total CPU time so far.
zTCB_STG_BELOW	INT	4	(IBM name: DSRDS_TCB_STG_BELOW) Private storage below 16M.
zTCB_STG_ABOVE	INT	4	(IBM name: DSRDS_TCB_STG_ABOVE) Private storage above 16M.
zTCB_STG_BELOW_INUSE	INT	4	(IBM name: DSRDS_TCB_STG_BELOW_INUSE) Below 16M in use.
zTCB_STG_ABOVE_INUSE	INT	4	(IBM name: DSRDS_TCB_STG_ABOVE_INUSE) Above 16M in use.

Secondary segment: **SMF110#02_Statistics_Stats**

Field Name	Type	Len	Description
<i>SMF110#02_Statistics_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'ST' => Statistics statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNC	INT	4	(IBM name: N/A) Number of Interval Collections.
zSMFW	INT	4	(IBM name: N/A) Number of SMF Writes.
zLDW	INT	4	(IBM name: N/A) Length of Statistics Data Written.
zSMFS	INT	4	(IBM name: N/A) Number of SMF Writes Suppressed.
zSMFE	INT	4	(IBM name: N/A) No. SMF errors.
zINTR	INT	4	(IBM name: N/A) No. INT statistics records.
zEODR	INT	4	(IBM name: N/A) No. EOD statistics records.
zUSSR	INT	4	(IBM name: N/A) No. USS statistics records.
zREQR	INT	4	(IBM name: N/A) No. REQ statistics records.
zRRTR	INT	4	(IBM name: N/A) No. RRT statistics records.
zCSTRT	TSTMP	8	(IBM name: N/A) Statistics CICS Start Time.
zLRT	TSTMP	8	(IBM name: N/A) Statistics Last Reset Time.
zINTVL	TIME	8	(IBM name: N/A) Statistics Collection Interval.
zEODT	CHAR	6	(IBM name: N/A) Statistics End-of-Day Time.
zSTRCD	INT	1	(IBM name: N/A) STATRCD setting.

Secondary segment: **SMF110#02_File_Control_Resid**

Field Name	Type	Len	Description
<i>SMF110#02_File_Control_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID		2	

	INT (ENUM)		(IBM name: N/A) 'FCR' => File Control (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zFNAM	CHAR	8	(IBM name: N/A) File name.
zFLOC	CHAR	1	(IBM name: N/A) Set to 'R' if remote.
zDT	CHAR	1	(IBM name: N/A) If data table fields present, then set to single character value. 'R' => Table fields for remote table, 'S' => Table fields for associated file, 'T' => SDT fields present, 'L' => Coupling Facility data table fields present(locking model), 'K' => Coupling Facility data table fields present(contention model), 'X' => Table fields for updates via AIX.
zDSRLS	CHAR	1	(IBM name: N/A) RLS/Non-RLS Indicator. 'R' = RLS mode, blank = non-RLS mode.
zFLD1	DEC	4 (7,0)	(IBM name: N/A) Reserved.
zFLD2	DEC	4 (7,0)	(IBM name: N/A) Reserved.
zDSNAM	CHAR	44	(IBM name: N/A) Dataset name.
zDSRD	INT	4	(IBM name: N/A) GET requests.
zDSGU	INT	4	(IBM name: N/A) GET update requests.
zDSBR	INT	4	(IBM name: N/A) BROWSE requests.
zDSWRA	INT	4	(IBM name: N/A) ADD requests.
zDSWRU	INT	4	(IBM name: N/A) UPDATE requests.
zDSDEL	INT	4	(IBM name: N/A) DELETE requests.
zDSXCP	INT	4	(IBM name: N/A) VSAM EXCP requests - data.
zDSIXP	INT	4	(IBM name: N/A) VSAM EXCP requests - index.
zDSTSW	INT	4	(IBM name: N/A) Wait on string total.
zDSHSW	INT	2	(IBM name: N/A) Wait on string highest.
zDTTYP	CHAR	1	(IBM name: N/A) For close, set to character value. 'C' => CICS maintained table close, 'S' => USER table source close, 'P' => CICS table partial close, 'U' => USER maintained table close, 'L' => Coupling Facility table close, 'K' => Coupling Facility table close.
zDTRDS	INT	4	(IBM name: N/A) Read/browse requests.
zDTRNF	INT	4	(IBM name: N/A) Source reads issued.
zDTAVR	INT	4	(IBM name: N/A) ADDs resulting from READs.
zDTADS	INT	4	(IBM name: N/A) ADD requests.
zDTARJ	INT	4	(IBM name: N/A) ADDs rejected by exit.
zDTATF	INT	4	

			(IBM name: N/A) ADDs when table full.
zDTRWS	INT	4	(IBM name: N/A) REWRITE requests.
zDTDLS	INT	4	(IBM name: N/A) DELETE requests.
zDTSHI	INT	4	(IBM name: N/A) Highest table record count.
zDTSIZ	INT	4	(IBM name: N/A) Current table record count.
zDTALT	INT	4	(IBM name: N/A) Storage allocated - total (KB).
zDTUST	INT	4	(IBM name: N/A) Storage in-use - total (KB).
zDTALE	INT	4	(IBM name: N/A) Storage allocated - entries (KB).
zDTUSE	INT	4	(IBM name: N/A) Storage in-use - entries (KB).
zDTALI	INT	4	(IBM name: N/A) Storage allocated - index (KB).
zDTUSI	INT	4	(IBM name: N/A) Storage in-use - index (KB).
zDTALD	INT	4	(IBM name: N/A) Storage allocated - data (KB).
zDTUSD	INT	4	(IBM name: N/A) Storage in-use - data (KB).
zDTRRS	INT	4	(IBM name: N/A) Read Retries for a SDT.
zDSDNB	INT	2	(IBM name: N/A) No Buffers - Data.
zDSINB	INT	2	(IBM name: N/A) No Buffers - Index.
zPOOL	INT	1	(IBM name: N/A) LSRPOOL Id.
zSTRNO	INT	2	(IBM name: N/A) No Strings.
zRNAME	CHAR	8	(IBM name: N/A) Remote Name.
zRSYS	CHAR	4	(IBM name: N/A) Remote Sysid.
zDSTYP	CHAR	1	(IBM name: N/A) Dataset Type.
zBDSNM	CHAR	44	(IBM name: N/A) Base Dataset Name.
zDSASC	INT	2	(IBM name: N/A) No Active Strings.
zDSASW	INT	2	(IBM name: N/A) No String Waits.
zLOPNT	TSTMP	8	(IBM name: N/A) File open time (Local STCK).
zLCLST	TSTMP	8	(IBM name: N/A) File close time (Local STCK).
zGOPNT	TSTMP	8	(IBM name: N/A) File open time (GMT STCK).
zGCLST	TSTMP	8	(IBM name: N/A) File close time (GMT STCK).

zDSBRU	INT	4	(IBM name: N/A) Browse for update count.
zRLSWT	INT	4	(IBM name: N/A) RLS request wait timeouts.
zDTCON	INT	4	(IBM name: N/A) Number of CHANGED responses.
zDTCFP	CHAR	8	(IBM name: N/A) Coupling Facility Data Table.
zDTLDS	INT	4	(IBM name: N/A) Number of LOADING responses.
zFCXCC	INT	4	(IBM name: N/A) No Exclusive Control Conflicts.
zFILE_DEFINE_SOURCE	CHAR	8	(IBM name: N/A) Group installed from.
zFILE_CHANGE_TIME	TSTMP	8	(IBM name: N/A) Change/create time.
zFILE_CHANGE_USERID	CHAR	8	(IBM name: N/A) Change userid.
zFILE_CHANGE_AGENT	INT (ENUM)	2	(IBM name: N/A) Change agent.
zFILE_INSTALL_AGENT	INT (ENUM)	2	(IBM name: N/A) Install agent.
zFILE_INSTALL_TIME	TSTMP	8	(IBM name: N/A) Install/Create time.
zFILE_INSTALL_USERID	CHAR	8	(IBM name: N/A) Install userid.

Secondary segment: SMF110#02_MQ_Connection_Stats_Global

Field Name	Type	Len	Description
<i>SMF110#02_MQ_Connection_Stats_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'MQG' => MQ connection (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zQmgr_name	CHAR	4	(IBM name: MQG_Qmgr_name) Queue manager name.
zMQ_Release	CHAR	4	(IBM name: MQG_MQ_Release) Release of MQ vrrr.
zConnection_status	INT (ENUM)	1	(IBM name: MQG_Connection_status) Connection status.
zResyncmember	INT (ENUM)	1	(IBM name: MQG_Resyncmember) Resyncmember setting.
zInitiation_queue	CHAR	48	(IBM name: MQG_Initiation_queue) Initiation queue name.
zTTasks	INT	4	(IBM name: MQG_TTasks) Number of current tasks.
zTFutileAtt	INT	4	(IBM name: MQG_TFutileAtt) Number of futile attempts.
zTApi	INT	4	(IBM name: MQG_TApi) Total number of calls.

zTApiOk	INT	4	(IBM name: MQG_TApiOk) Total number of calls comp ok.
zTCall	INT	4	(IBM name: MQG_TCall) Total number of flows.
zTCallSyncComp	INT	4	(IBM name: MQG_TCallSyncComp) Total number of calls comp sync.
zTCallIO	INT	4	(IBM name: MQG_TCallIO) Total number of calls need I/O.
zTWaitMsg	INT	4	(IBM name: MQG_TWaitMsg) Total number of real GETWAIT.
zTSubtasked	INT	4	(IBM name: MQG_TSubtasked) Total number of calls switched.
zTOPEN	INT	4	(IBM name: MQG_TOPEN) Total number of OPEN.
zTCLOSE	INT	4	(IBM name: MQG_TCLOSE) Total number of CLOSE.
zTGET	INT	4	(IBM name: MQG_TGET) Total number of GET.
zTGETWAIT	INT	4	(IBM name: MQG_TGETWAIT) Total number of GETWAIT.
zTPUT	INT	4	(IBM name: MQG_TPUT) Total number of PUT.
zTPUT1	INT	4	(IBM name: MQG_TPUT1) Total number of PUT1.
zTINQ	INT	4	(IBM name: MQG_TINQ) Total number of INQ.
zTSET	INT	4	(IBM name: MQG_TSET) Total number of SET.
zIndoubtUOW	INT	4	(IBM name: MQG_IndoubtUOW) Count of indoubt units of work.
zUnResolvedUOW	INT	4	(IBM name: MQG_UnResolvedUOW) Count of unresolved units of work.
zResolveComm	INT	4	(IBM name: MQG_ResolveComm) Count of resolved committed UOWs.
zResolveBack	INT	4	(IBM name: MQG_ResolveBack) Count of resolved backout UOWs.
zTBackUOW	INT	4	(IBM name: MQG_TBackUOW) Total number of Backout UOWs.
zTCommUOW	INT	4	(IBM name: MQG_TCommUOW) Total number of Committed UOWs.
zTTaskend	INT	4	(IBM name: MQG_TTaskend) Total number of tasks.
zTSPComm	INT	4	(IBM name: MQG_TSPComm) Total number of Single Phase Comms.
zT2PComm	INT	4	(IBM name: MQG_T2PComm) Total number of 2 Phase Comms.
zTCB	INT	4	(IBM name: MQG_TCB) Total number of CB.
zTConsume	INT	4	(IBM name: MQG_TConsume) Total number of msgs consumed.
zTCTL	INT	4	(IBM name: MQG_TCTL) Total number of CTL.
zTSUB	INT	4	(IBM name: MQG_TSUB) Total number of SUB.
zTSUBRQ	INT	4	(IBM name: MQG_TSUBRQ) Total number of SUBRQ.

zTSTAT	INT	4	(IBM name: MQG_TSTAT) Total number of STAT.
zTCRTMH	INT	4	(IBM name: MQG_TCRTMH) Total number of CRTMH.
zTDLTMH	INT	4	(IBM name: MQG_TDLTMH) Total number of DLTMH.
zTSETMP	INT	4	(IBM name: MQG_TSETMP) Total number of SETMP.
zTINQMP	INT	4	(IBM name: MQG_TINQMP) Total number of INQMP.
zTDLTMP	INT	4	(IBM name: MQG_TDLTMP) Total number of DLTMP.
zTMHBUF	INT	4	(IBM name: MQG_TMHBUF) Total number of MHBUF.
zTBUFMH	INT	4	(IBM name: MQG_TBUFMH) Total number of BUFMH.
zMqconn_name	CHAR	8	(IBM name: MQG_Mqconn_name) name of the MQCONN.
zMqname	CHAR	4	(IBM name: MQG_Mqname) MQNAME from the MQCONN.
zConnect_time_gmt	TSTMP	8	(IBM name: MQG_Connect_time_gmt) connect time (GMT).
zConnect_time_local	TSTMP	8	(IBM name: MQG_Connect_time_local) connect time (local).
zDisconnect_time_gmt	TSTMP	8	(IBM name: MQG_Disconnect_time_gmt) disconnect time (GMT).
zDisconnect_time_local	TSTMP	8	(IBM name: MQG_Disconnect_time_local) disconnect time (local).
zMqconn_define_source	CHAR	8	(IBM name: MQG_Mqconn_define_source) Group installed from.
zMqconn_change_time	TSTMP	8	(IBM name: MQG_Mqconn_change_time) Change/create time.
zMqconn_change_userid	CHAR	8	(IBM name: MQG_Mqconn_change_userid) Change userid.
zMqconn_change_agent	INT (ENUM)	2	(IBM name: MQG_Mqconn_change_agent) Change agent.
zMqconn_install_agent	INT (ENUM)	2	(IBM name: MQG_Mqconn_install_agent) Install agent.
zMqconn_install_time	TSTMP	8	(IBM name: MQG_Mqconn_install_time) Install/Create time.
zMqconn_install_userid	CHAR	8	(IBM name: MQG_Mqconn_install_userid) Install userid.

Secondary segment: SMF110#02_ISC#IRC_Mode_Entry_Resid

Field Name	Type	Len	Description
<i>SMF110#02_ISC#IRC_Mode_Entry_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CONMR' => ISC/IRC mode entry (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

zSYSN	CHAR	4	(IBM name: N/A) System name.
zMODE	CHAR	8	(IBM name: N/A) Mode name.
zESTAM	INT	2	(IBM name: N/A) Max outstanding allocates.
zE2HWM	INT	2	(IBM name: N/A) Max secondaries.
zEBHWM	INT	2	(IBM name: N/A) Max bids.
zE1HWM	INT	2	(IBM name: N/A) Peak contention losers.
zES1	INT	4	(IBM name: N/A) ATIs satisfied by primaries.
zES2	INT	4	(IBM name: N/A) ATIs satisfied by secondaries.
zESBID	INT	4	(IBM name: N/A) Bids sent.
zESTAS	INT	4	(IBM name: N/A) Total allocates.
zESTAQ	INT	4	(IBM name: N/A) Queued allocates.
zESTAF	INT	4	(IBM name: N/A) Failed link allocates.
zESTAO	INT	4	(IBM name: N/A) Failed - other reasons.
zESTAG	INT	4	(IBM name: N/A) Generic allocates.
zESTAP	INT	4	(IBM name: N/A) Specific allocates.
zEBID	INT	2	(IBM name: N/A) Current bids.
zEQPCT	INT	2	(IBM name: N/A) XZIQUE purge count.
zEZQPC	INT	2	(IBM name: N/A) XZIQUE allocates purged.
zELMAX	INT	2	(IBM name: N/A) Max session count.
zEMCON	INT	2	(IBM name: N/A) Max contention winners acceptable.
zEMAXS	INT	2	(IBM name: N/A) Current Max session count.
zECONW	INT	2	(IBM name: N/A) Current CNOS contention winners.
zECONL	INT	2	(IBM name: N/A) Current CNOS contention losers.
zE1RY	INT	2	(IBM name: N/A) Primaries currently used.
zE2RY	INT	2	(IBM name: N/A) Secondaries currently used.

Secondary segment: **SMF110#02_Monitoring_Stats_Global**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF110#02_Monitoring_Stats_Global.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'MN' => Monitoring (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zER	INT	4	(IBM name: N/A) No. Exception records.
zERS	INT	4	(IBM name: N/A) No. Exception records supp. by exit.
zPR	INT	4	(IBM name: N/A) No. Performance records.
zPRS	INT	4	(IBM name: N/A) No. Performance records supp. by exit.
zSMFR	INT	4	(IBM name: N/A) No. SMF records.
zSMFE	INT	4	(IBM name: N/A) No. SMF Errors.
zSMFNC	INT	4	(IBM name: N/A) No. SMF records not compressed.
zSMFCM	INT	4	(IBM name: N/A) No. SMF records compressed.
zRR	INT	4	(IBM name: N/A) No. Resource records.
zRRS	INT	4	(IBM name: N/A) No. Resource records supp. by exit.
zIR	INT	4	(IBM name: N/A) No. Identity records.
zIRS	INT	4	(IBM name: N/A) No. Identity records supp. by exit.
zFRL	INT	2	(IBM name: N/A) File Resource Limit.
zTRL	INT	2	(IBM name: N/A) Tsqueue Resource Limit.
zDPLRL	INT	2	(IBM name: N/A) DPL Resource Limit.
zMRCMP	INT (ENUM)	1	(IBM name: N/A) Data Compression Option.
zAVURL	INT	4	(IBM name: N/A) Avg Uncompressed record length.
zAVCRL	INT	4	(IBM name: N/A) Avg Compressed record length.
zWLMMD	INT (ENUM)	1	(IBM name: N/A) Workload Management Mode.
zWLMST	INT (ENUM)	1	(IBM name: N/A) WLM Address Space Server status.
zWLMSC	CHAR	8	(IBM name: N/A) WLM Service Class name - if any.
zWLMWN	CHAR	8	(IBM name: N/A) WLM Owing Workload Name.
zWLMRG	CHAR	8	(IBM name: N/A) WLM Resource Group name - if any.
zWLMRC	CHAR	8	(IBM name: N/A) WLM Report Class name - if any.

zWLMGT	INT (ENUM)	1	(IBM name: N/A) WLM Goal type.
zWLMCC	INT (ENUM)	1	(IBM name: N/A) WLM CPU Critical.
zWLMSK	INT (ENUM)	1	(IBM name: N/A) WLM Storage Critical.
zWLMGM	INT (ENUM)	1	(IBM name: N/A) WLM Address Space Goal Mgmt.
zWLMGV	INT	4	(IBM name: N/A) WLM goal value.
zWLMGI	INT	2	(IBM name: N/A) WLM goal importance.
zCECTP	CHAR	4	(IBM name: N/A) CEC Machine Type.
zCECID	CHAR	16	(IBM name: N/A) CEC Model Number.
zUTNUM	INT	4	(IBM name: N/A) User transactions ended.
zSTNUM	INT	4	(IBM name: N/A) System transactions ended.
zGUTCL	TSTMP	8	(IBM name: N/A) Time last trans ended (GMT).
zLUTCL	TSTMP	8	(IBM name: N/A) Time last trans ended (Local).
zGUTAT	TSTMP	8	(IBM name: N/A) Time last trans attach (GMT).
zLUTAT	TSTMP	8	(IBM name: N/A) Time last trans attch (Local).
zMXUTA	INT	4	(IBM name: N/A) MXT at last trans attach.
zCAUTA	INT	4	(IBM name: N/A) Current tasks at last attach.
zAUTRT	TIME	8	(IBM name: N/A) Avg user trans resp time.
zPUTRT	TIME	8	(IBM name: N/A) Peak user trans resp time.
zGUTRT	TSTMP	8	(IBM name: N/A) Time peak resp time (GMT).
zLUTRT	TSTMP	8	(IBM name: N/A) Time peak resp time (Local).
zCPUT	TIME	8	(IBM name: N/A) Total CPU time.
zTONCP	TIME	8	(IBM name: N/A) Total CPU time on CP.
zOFLCP	TIME	8	(IBM name: N/A) Total CPU time offload on CP.

Secondary segment: SMF110#02_Monitoring_Stats_Resid

Field Name	Type	Len	Description
SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.

zID	INT (ENUM)	2	(IBM name: N/A) 'MNR' => Monitoring (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTRID	CHAR	4	(IBM name: N/A) TRAN - Transaction identification.
zTEID	CHAR	4	(IBM name: N/A) TERM - Terminal identification.
zUSID	CHAR	8	(IBM name: N/A) USERID - User identification.
zTRTY	CHAR	4	(IBM name: N/A) TTYE - Transaction type.
zATTT	TSTMP	8	(IBM name: N/A) START - Task start time.
zDETT	TSTMP	8	(IBM name: N/A) STOP - Task stop time.
zTRSN	DEC	4 (7,0)	(IBM name: N/A) TRANNUM - Transaction sequence number.
zTPRI	INT	4	(IBM name: N/A) TRANPRI - Transaction priority.
zTCLSN	CHAR	8	(IBM name: N/A) TCLSNAME - Transaction class name.
zLUNM	CHAR	8	(IBM name: N/A) LUNAME - VTAM logical unit name.
zPGNM	CHAR	8	(IBM name: N/A) PGMNAME - First program name.
zNETPX	CHAR	20	(IBM name: N/A) NETUOWPX - Network Unit-of-Work Netname.
zNETSX	CHAR	8	(IBM name: N/A) NETUOWSX - Network Unit-of-Work Instance/Seqno.
zRSYS	CHAR	4	(IBM name: N/A) RSYSID - Remote sysid routed to.
zPRCNT	INT	4	(IBM name: N/A) PERRECNT - Performance record count.
zRMUOW	CHAR	8	(IBM name: N/A) RMUOWID - Recovery Manager Unit-of-Work id.
zSRVCL	CHAR	8	(IBM name: N/A) SRVCLSNM - Workload Manager service class name.
zRPTCL	CHAR	8	(IBM name: N/A) RPTCLSNM - Workload Manager report class name.
zFCTY	CHAR	4	(IBM name: N/A) FCTYNAME - Transaction Facility name.
zTRAN_Facility	INT (ENUM)	1	(IBM name: N/A) Transaction facility type.
zTRAN_id	INT (ENUM)	1	(IBM name: N/A) Transaction identification.

SMF110#02_Monitoring_Stats_Resid.zTRAN_WLM.<fieldname>

zResponse	BIT	1	WLM Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	WLM Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	WLM Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a

			connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.
--	--	--	---

SMF110#02_Monitoring_Stats_Resid.zTRAN_Def.<fieldname>			
zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zTRAN_Origin	INT (ENUM)	1	(IBM name: N/A) Transaction Origin Type.

SMF110#02_Monitoring_Stats_Resid.zTRAN_Status.<fieldname>			
zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zTRAN_Track	INT	1	(IBM name: N/A) Transaction tracking origin data tag.

SMF110#02_Monitoring_Stats_Resid.zRecovery_Manager.<fieldname>			
zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zTERM_Assoc	INT (ENUM)	1	(IBM name: N/A) Task associated with terminal or session.
zTERM_SessType	INT (ENUM)	1	(IBM name: N/A) If the principal facility for this task is a session, this field identifies the session type.
zTERM_AM	INT (ENUM)	1	(IBM name: N/A) Identifies the access method defined for the terminal ID or session ID in field TERM.
zTERM_Type	INT (ENUM)	1	(IBM name: N/A) Device type code.
zTECNM	CHAR	4	(IBM name: N/A) TERMCONM - Terminal Connection name.
zBTRID	CHAR	4	(IBM name: N/A) BRDGTRAN - Bridge Transaction id.

zURID	CHAR	16	(IBM name: N/A) RRMSURID - RRMS/MVS Unit of Recovery id.
zPNAME	CHAR	36	(IBM name: N/A) PRCSNAME - Process name.
zPTYPE	CHAR	8	(IBM name: N/A) PRCSTYPE - Process type.
zPRCID	CHAR	52	(IBM name: N/A) PRCSID - Process id.
zACTID	CHAR	52	(IBM name: N/A) ACTVTYID - Activity id.
zACTNM	CHAR	16	(IBM name: N/A) ACTVTYNM - Activity name.
zCIPAD	CHAR	40	(IBM name: N/A) CLIPADDR - Client IP Address.
zTGPID	CHAR	28	(IBM name: N/A) TRNGRPID - Transaction Group Id.
zNETID	CHAR	8	(IBM name: NETID) NETID - Network id.
zRLUNM	CHAR	8	(IBM name: N/A) RLUNAME - Real Luname.
zTCPSV	CHAR	8	(IBM name: N/A) TCPSRVCE - TCP/IP Service name.
zPORTN	INT	4	(IBM name: N/A) PORTNUM - TCP/IP Service port number.
zOTSID	CHAR	128	(IBM name: N/A) OTSTID - OTS Transaction id.
zCIPOR	INT	4	(IBM name: N/A) CLIPPORT - Client IP Port.
zISCNM	CHAR	8	(IBM name: N/A) ISIPICNM - IPCONN name.
zONWID	CHAR	8	(IBM name: N/A) ONETWKID - Originating networkid.
zOAPID	CHAR	8	(IBM name: N/A) OAPPLID - Originating applid.
zOATTT	CHAR	8	(IBM name: N/A) OSTART - Originating task start time.
zOTRSN	CHAR	4	(IBM name: N/A) OTRANNUM - Originating transaction seq no.
zOTRID	CHAR	4	(IBM name: N/A) OTRAN - Originating transaction id.
zOUSID	CHAR	8	(IBM name: N/A) OUSERID - Originating userid.
zOUSRC	CHAR	64	(IBM name: N/A) OUSERCOR - Originating user specific data.
zOTCPS	CHAR	8	(IBM name: N/A) OTCPSVCE - Originating TCPIP SERVICE.
zOPRTN	INT	4	(IBM name: N/A) OPORTNUM - Originating portnumber.
zOCIPA	CHAR	40	(IBM name: N/A) OCLIPADR - Originating client IP address.
zOCPNO	INT	4	(IBM name: N/A) OCLIPORT - Originating client portnumber.
zOTRAN_Facility	INT (ENUM)	1	(IBM name: N/A) Originating Transaction facility type.
zOTRAN_id	INT (ENUM)	1	(IBM name: N/A) Originating Transaction identification.

SMF110#02_Monitoring_Stats_Resid.zOTRAN_WLM.<fieldname>			
zResponse	BIT	1	Report the total response time (begin-to-end phase) for completed work request (transaction).
zAllPhase	BIT	1	Notify that the entire execution phase of the work request is complete.
zSubPhase	BIT	1	Notify that a subset of the execution phase of the work request is complete.
zAbNormal	BIT	1	This transaction has been reported to the z/OS workload manager as completing abnormally because it has tried to access Db2 and a connection unavailable response has been returned. This abnormal completion occurs when all the following are true: 1. zResponse is set. 2. CICS is not connected to Db2. 3. The CICS-Db2 adapter is in standby mode (STANDBYMODE(RECONNECT) or STANDBYMODE(CONNECT)). 4. CONNECTERROR(SQLCODE) is specified, causing the application to receive a -923 SQL code.

SMF110#02_Monitoring_Stats_Resid.zOTRAN_Def.<fieldname>			
zTDLocBelow	BIT	1	1 => TASKDATALOC=BELOW
zTDKeyCICS	BIT	1	1 => TASKDATAKEY=CICS
zIsolateNo	BIT	1	1 => ISOLATE=NO
zDynamic	BIT	1	1 => DYNAMIC=YES

SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zOTRAN_Origin	INT (ENUM)	1	(IBM name: N/A) Originating Transaction Type.

SMF110#02_Monitoring_Stats_Resid.zOTRAN_Status.<fieldname>			
zOrigin	BIT	1	The transaction origin.
zResource	BIT	1	Resource class record, or records, for this task.
zIdentity	BIT	1	Identity class record, or records, for this task.
zPurge	BIT	1	Task purge or runaway resulted in the open TCB the task was executing on being terminated.
zAbend	BIT	1	Task abnormally terminated.

SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zOTRAN_Track	INT	1	(IBM name: N/A) Originating Transaction tracking origin data tag.

SMF110#02_Monitoring_Stats_Resid.zORecovery_Manager.<fieldname>			
zInDWaitNo	BIT	1	Indoubt WAIT=NO.
zInDCommit	BIT	1	Indoubt ACTION=COMMIT.
zUOWInD	BIT	1	Recovery manager, UOW resolved with indoubt action.
zUOWShunt	BIT	1	Recovery manager, Shunt.
zUOWUnShunt	BIT	1	Recovery manager, Unshunt.
zInDFail	BIT	1	Recovery manager, Indoubt failure.
zROFail	BIT	1	Recovery manager, Resource owner failure.

SMF110#02_Monitoring_Stats_Resid.<fieldname>			
zOFCTY	CHAR	8	(IBM name: N/A) OFCTYNME - Originating facility name.
zURIMN	CHAR	8	(IBM name: N/A) WBURIMNM - Urimap name.
zPIPLN	CHAR	8	(IBM name: N/A) WBPIPLNM - Pipeline name.

zATMSN	CHAR	8	(IBM name: N/A) WBATMSNM - Atomservice name.
zWSVCN	CHAR	32	(IBM name: N/A) WBSVCENM - Webservice name.
zWSOPN	CHAR	64	(IBM name: N/A) WBSVOPNM - Webservice operation name.
zWPBMN	CHAR	8	(IBM name: N/A) WBPROGNM - Program name.
zPHNWD	CHAR	8	(IBM name: N/A) PHNTWKID - Previous Hop data networkid.
zPHAPL	CHAR	8	(IBM name: N/A) PHAPPLID - Previous Hop data applid.
zPHATT	CHAR	8	(IBM name: N/A) PHSTART - Previous Hop data task start time.
zPHTSN	CHAR	4	(IBM name: N/A) PHTRANNO - Previous Hop data trans seq no.
zPHTID	CHAR	4	(IBM name: N/A) PHTRAN - Previous Hop data transaction id.
zPHCNT	INT	4	(IBM name: N/A) PHCOUNT - Previous Hop data count.
zADPID	CHAR	64	(IBM name: N/A) OADID - Originating adapter id.
zADPD1	CHAR	64	(IBM name: N/A) OADATA1 - Originating adapter data 1.
zADPD2	CHAR	64	(IBM name: N/A) OADATA2 - Originating adapter data 2.
zADPD3	CHAR	64	(IBM name: N/A) OADATA3 - Originating adapter data 3.
zSOCPH	HEX	4	(IBM name: N/A) SOCIPHER - Inbound cipher selected.
zCECTP	CHAR	4	(IBM name: N/A) CECMCHTP - CEC Machine Type.
zCECID	CHAR	16	(IBM name: N/A) CECMDLID - CEC Model ID.
zLPARN	CHAR	8	(IBM name: N/A) LPARNAME - LPAR name.
zMTSKS	INT	4	(IBM name: N/A) MAXTASKS - MXT at transaction attach.
zCTSKS	INT	4	(IBM name: N/A) CURTASKS - Current tasks at tran attach.
zAPPLN	CHAR	64	(IBM name: N/A) ACAPPLNM - Current Application Name.
zPLATN	CHAR	64	(IBM name: N/A) ACPLATNM - Current Platform Name.
zMAJVR	INT	4	(IBM name: N/A) ACMAJVER - Application Major Version #.
zMINVR	INT	4	(IBM name: N/A) ACMINVER - Application Minor Version #.
zMICVR	INT	4	(IBM name: N/A) ACMICVER - Application Micro Version #.
zOPERN	CHAR	64	(IBM name: N/A) ACOPERNM - Current Operation Name.
zPTATT	CHAR	8	(IBM name: N/A) PTSTART - Previous Tran start time.
zPTTSN	CHAR	4	(IBM name: N/A) PTTRANNO - Previous Tran trans seq no.

zPTTID	CHAR	4	(IBM name: N/A) PTTRAN - Previous Tran tran id.
zPTCNT	INT	4	(IBM name: N/A) PTCOUNT - Previous tran count.

SMF110#02_Monitoring_Stats_Resid.zERROR.<fieldname>

zClockErr	BIT	1	Detected an attempt either to start a user clock that was already running or to stop one that was not running.
-----------	-----	---	--

SMF110#02_Monitoring_Stats_Resid.<fieldname>

zABCDO	CHAR	4	(IBM name: N/A) ABCDEO - Original Transaction abend codes.
zABCDC	CHAR	4	(IBM name: N/A) ABCDEC - Current Transaction abend code.
zTYPE	CHAR	4	(IBM name: N/A) Performance record type: C => Record output for a terminal converse, D => Record output for a user EMP DELIVER request, F => Record output for a long-running transaction, S => Record output for a sync point, T => Record output for the end of a task.
zPINMC	INT	4	(IBM name: N/A) TCMSGIN1 - Primary TC messages - in.
zTCI1C	INT	4	(IBM name: N/A) TCCHRIN1 - Primary TC characters - in.
zPOUMC	INT	4	(IBM name: N/A) TCMSGOU1 - Primary TC messages - out.
zTCO1C	INT	4	(IBM name: N/A) TCCHROU1 - Primary TC characters - out.
zSINMC	INT	4	(IBM name: N/A) TCMSGIN2 - Secondary TC messages - in.
zTCI2C	INT	4	(IBM name: N/A) TCCHRIN2 - Secondary TC characters - in.
zSOUMC	INT	4	(IBM name: N/A) TCMSGOU2 - Secondary TC messages - out.
zTCO2C	INT	4	(IBM name: N/A) TCCHROU2 - Secondary TC characters - out.
z62IMC	INT	4	(IBM name: N/A) TCM62IN2 - Secondary TC msgs for LU6.2. - in.
z62ICH	INT	4	(IBM name: N/A) TCC62IN2 - Secondary TC chars for LU6.2. - in.
z62OMC	INT	4	(IBM name: N/A) TCM62OU2 - Secondary TC msgs for LU6.2. - out.
z62OCH	INT	4	(IBM name: N/A) TCC62OU2 - Secondary TC chars for LU6.2. - out.
zTAC	INT	4	(IBM name: N/A) TCALLOCT - No. TCTTE allocate requests.
zSCUGB	INT	4	(IBM name: N/A) SCUGETCT - No. user storage getmains below line.
zSCUGA	INT	4	(IBM name: N/A) No. user storage getmains above line.
zSCCGB	INT	4	(IBM name: N/A) SCCGETCT - No. CDSA storage getmains below line.
zSCCGA	INT	4	(IBM name: N/A) No. ECDSA storage getmains above line.
zUSHWB	INT	4	(IBM name: N/A) SCUSRHWM - User task storage hwm below line.
zUSHWA	INT	4	(IBM name: N/A) User task storage hwm above line.

zCHWMB	INT	4	(IBM name: N/A) SC24CHWM - CDSA storage hwm below the line.
zCHWMA	INT	4	(IBM name: N/A) SC31CHWM - ECDSA storage hwm above the line.
zUTSOB	INT	8	(IBM name: N/A) SCUSRSTG - User task stge 'occupancy' below line.
zUTSOA	INT	8	(IBM name: N/A) User task stge 'occupancy' above line.
zCOCCB	INT	8	(IBM name: N/A) SC24COCC - CDSA storage 'occupancy' below line.
zCOCCA	INT	8	(IBM name: N/A) SC31COCC - ECDSA storage 'occupancy' above line.
zSC24S	INT	4	(IBM name: N/A) SC24SGCT - Shared stg getmain count below 16M.
zSC24G	INT	4	(IBM name: N/A) SC24GSHR - Shared stg bytes getmain'd.
zSC24F	INT	4	(IBM name: N/A) SC24FSHR - Shared stg bytes freemain'd.
zSC31S	INT	4	(IBM name: N/A) SC31SGCT - Shared stg getmain count above 16M.
zSC31G	INT	4	(IBM name: N/A) SC31GSHR - Shared stg bytes getmain'd.
zSC31F	INT	4	(IBM name: N/A) SC31FSHR - Shared stg bytes freemain'd.
zSCCGG	INT	4	(IBM name: N/A) SC64CGCT - No. GCDSA storage getmains.
zCHWMG	INT	4	(IBM name: N/A) SC64CHWM - GCDSA storage hwm above 2G.
zSCUGG	INT	4	(IBM name: N/A) SC64UGCT - No. GUDSA storage getmains.
zUHWMG	INT	4	(IBM name: N/A) SC64UHWG - GUDSA storage hwm above 2G.
zSC64S	INT	4	(IBM name: N/A) SC64SGCT - Shared stg getmains above 2G.
zSC64G	INT	4	(IBM name: N/A) SC64GSHR - Shared stg bytes getmain.
zSC64F	INT	4	(IBM name: N/A) SC64FSHR - Shared stg bytes freemain.
zPCUSE	INT	4	(IBM name: N/A) PCSTGHWM - Program storage hwm.
zPC31A	INT	4	(IBM name: N/A) PC31AHWM - Program storage hwm above the line.
zPCUSB	INT	4	(IBM name: N/A) PC24BHWM - Program storage hwm below the line.
zPCCAH	INT	4	(IBM name: N/A) PC31CHWM - ECDSA prog storage hwm above.
zPCCBH	INT	4	(IBM name: N/A) PC24CHWM - CDSA prog storage hwm below.
zPCRAH	INT	4	(IBM name: N/A) PC31RHWM - R/O prog storage hwm above.
zPCRBH	INT	4	(IBM name: N/A) PC24RHWM - R/O prog storage hwm below.
zPCSAH	INT	4	(IBM name: N/A) PC31SHWM - Shared prog storage hwm above.
zPCSBH	INT	4	(IBM name: N/A) PC24SHWM - Shared prog storage hwm below.

zFCGC	INT	4	(IBM name: N/A) FCGETCT - No. file gets.
zFCPC	INT	4	(IBM name: N/A) FCPUTCT - No. file puts.
zFCBC	INT	4	(IBM name: N/A) FCBRWCT - No. file browses.
zFCAC	INT	4	(IBM name: N/A) FCADDCT - No. file adds.
zFCDC	INT	4	(IBM name: N/A) FCDELCT - No. file deletes.
zFCTC	INT	4	(IBM name: N/A) FCTOTCT - Total FC requests.
zFCAMC	INT	4	(IBM name: N/A) FCAMCT - No. access method requests.
zTDGC	INT	4	(IBM name: N/A) TDGETCT - No. transient data gets.
zTDPC	INT	4	(IBM name: N/A) TDPUTCT - No. transient data puts.
zTDRC	INT	4	(IBM name: N/A) TDPURCT - No. transient data purges.
zTDTC	INT	4	(IBM name: N/A) TDTOTCT - Total TD requests.
zTSGC	INT	4	(IBM name: N/A) TSGETCT - No. temp storage gets.
zTSPAC	INT	4	(IBM name: N/A) TSPUTACT - No. temp storage puts - aux.
zTSPMC	INT	4	(IBM name: N/A) TSPUTMCT - No. temp storage puts - main.
zTSGSC	INT	4	(IBM name: N/A) TSGETSCT - No. temp storage gets - shr.
zTSPSC	INT	4	(IBM name: N/A) TSPUTSCT - No. temp storage puts - shr.
zTSTC	INT	4	(IBM name: N/A) TSTOTCT - Total TS requests.
zBMMC	INT	4	(IBM name: N/A) BMSMAPCT - No. BMS map requests.
zBMIC	INT	4	(IBM name: N/A) BMSINCT - No. BMS in requests.
zBMOOC	INT	4	(IBM name: N/A) BMSOUTCT - No. BMS out requests.
zBMTC	INT	4	(IBM name: N/A) BMSTOTCT - Total BMS requests.
zPCLIC	INT	4	(IBM name: N/A) PCLINKCT - No. program links.
zPCXC	INT	4	(IBM name: N/A) PCXCTLCT - No. program xctls.
zPCLOC	INT	4	(IBM name: N/A) PCLOADCT - No. program loads.
zPCLUC	INT	4	(IBM name: N/A) PCLURMCT - No. program links to URM.
zPCDPL	INT	4	(IBM name: N/A) PCDPLCT - No. DPL program links.
zPCDLL	INT	4	(IBM name: N/A) PCDLCSDL - DPL program links with channel.
zPCDRL	INT	4	(IBM name: N/A) PCDLCRDL - DPL program returns with channel.

zPCLCC	INT	4	(IBM name: N/A) PCLNKCT - No. program links with channel option.
zPCXCC	INT	4	(IBM name: N/A) PCXCLCT - No. program xctls with channel option.
zPCDCC	INT	4	(IBM name: N/A) PCDPLCT - DPL program links with channel option.
zPCRCC	INT	4	(IBM name: N/A) PCRTNCT - No. program returns with channel.
zPCRCL	INT	4	(IBM name: N/A) PCRTNCDL - No. program returns with channel.
zJNLCT	INT	4	(IBM name: N/A) JNLWRTCT - No. journal write requests.
zLGWCT	INT	4	(IBM name: N/A) LOGWRTCT - No. CICS logger write requests.
zICC	INT	4	(IBM name: N/A) ICPUINCT - No. interval control starts.
zICTC	INT	4	(IBM name: N/A) ICTOTCT - Total interval control requests.
zICSCC	INT	4	(IBM name: N/A) ICSTACCT - No. interval control start reqs.
zICSCD	INT	4	(IBM name: N/A) ICSTACDL - Interval control start reqs with.
zICSRC	INT	4	(IBM name: N/A) ICSTRCT - No. interval control start reqs.
zICSRD	INT	4	(IBM name: N/A) ICSTRCDL - Interval control start reqs with.
zSPPC	INT	4	(IBM name: N/A) SPSYNCT - No. syncpoint requests.
zCFACT	INT	4	(IBM name: N/A) CFCAPICT - No. OO Class Library API requests.
zSZACT	INT	4	(IBM name: N/A) SZALLOCT - No. FEPI allocates.
zSZRCT	INT	4	(IBM name: N/A) SZRCVCT - No. FEPI receives.
zSZSCT	INT	4	(IBM name: N/A) SZSENDCT - No. FEPI sends.
zSZTCT	INT	4	(IBM name: N/A) SZSTRTCT - No. FEPI starts.
zSZCOT	INT	4	(IBM name: N/A) SZCHROUT - No. chars sent via FEPI.
zSZCIN	INT	4	(IBM name: N/A) SZCHRIN - No. chars received via FEPI.
zSZATO	INT	4	(IBM name: N/A) SZALLCTO - No. FEPI allocate timeouts.
zSZRTO	INT	4	(IBM name: N/A) SZRCVTO - No. FEPI receive timeouts.
zSZTOT	INT	4	(IBM name: N/A) SZTOTCT - Total no. FEPI requests.
zBARSC	INT	4	(IBM name: N/A) BARSYNCT - No. Run Process/Activity Sync.
zBARAC	INT	4	(IBM name: N/A) BARASYCT - No. Run Process/Activity Async.
zBALKC	INT	4	(IBM name: N/A) BALKPACT - No. Link Process/Activity reqs.
zBADPC	INT	4	(IBM name: N/A) BADPROCT - No. Define Process requests.

zBADAC	INT	4	(IBM name: N/A) BADACTCT - No. Define Activity requests.
zBTPAC	INT	4	(IBM name: N/A) BARSPACT - No. Reset Process/Activity requests.
zBSPAC	INT	4	(IBM name: N/A) BASUPACT - No. Suspend Process/Activity requests.
zBRPAC	INT	4	(IBM name: N/A) BARMPACT - No. Resume Process/Activity requests.
zBDCPC	INT	4	(IBM name: N/A) BADCPACT - No. Delete Activity and Cancel.
zBAAPC	INT	4	(IBM name: N/A) BAACQPCT - No. Acquire Process requests.
zBATPC	INT	4	(IBM name: N/A) BATOTPCT - Total No. Process/Activity requests.
zBAPDC	INT	4	(IBM name: N/A) BAPRDCCT - No. Process Data Container requests.
zBAADC	INT	4	(IBM name: N/A) BAACDCCT - No. Activity Data Container requests.
zBATCC	INT	4	(IBM name: N/A) BATOTCCT - Total No. Data Container requests.
zBAREC	INT	4	(IBM name: N/A) BARATECT - No. Retrieve Reattach Event requests.
zBADIC	INT	4	(IBM name: N/A) BADFIECT - No. Define Input Event requests.
zBATAC	INT	4	(IBM name: N/A) BATIAECT - No. Timer Associated Event requests.
zBATEC	INT	4	(IBM name: N/A) BATOTECT - Total No. Event requests.
zWBRCT	INT	4	(IBM name: N/A) WBRCVCT - No. WEB Receive requests.
zWBCIN	INT	4	(IBM name: N/A) WBCHRIN - No. Characters received via WEB reqs.
zWBSCT	INT	4	(IBM name: N/A) WBSENDCT - No. WEB Send requests.
zWBCOT	INT	4	(IBM name: N/A) WBCHROUT - No. Characters sent via WEB requests.
zWBTC	INT	4	(IBM name: N/A) WBTOTCT - Total No. WEB requests.
zWBRPR	INT	4	(IBM name: N/A) WBREPRCT - No. Repository Reads.
zWBRPW	INT	4	(IBM name: N/A) WBREPWCT - No. Repository Writes.
zWBERC	INT	4	(IBM name: N/A) WBEXTRCT - No. WEB Extract requests.
zWBBRC	INT	4	(IBM name: N/A) WBBRWCT - No. WEB Browse requests.
zWBRRC	INT	4	(IBM name: N/A) WBREADCT - No. WEB Read requests.
zWBWRC	INT	4	(IBM name: N/A) WBWRITET - No. WEB Write requests.
zDHCRC	INT	4	(IBM name: N/A) DHCRECT - No. Document Create requests.
zDHINC	INT	4	(IBM name: N/A) DHINSCT - No. Document Insert requests.
zDHSTC	INT	4	(IBM name: N/A) DHSETCT - No. Document Set requests.

zDHRCT	INT	4	(IBM name: N/A) DHRETCT - No. Document Retrieve requests.
zDHDLC	INT	4	(IBM name: N/A) DHDELCT - No. Document Delete requests.
zDHTC	INT	4	(IBM name: N/A) DHTOTCT - Total No. Document requests.
zDHTDL	INT	4	(IBM name: N/A) DHTOTDCL - Total Document Created length.
zSOBEN	INT	4	(IBM name: N/A) SOBYENCT - No. Bytes Encrypted.
zSOBDE	INT	4	(IBM name: N/A) SOBYDECT - No. Bytes Decrypted.
zSOERC	INT	4	(IBM name: N/A) SOEXTRCT - No. Extract TCP/IP and Extract.
zSOCNS	INT	4	(IBM name: N/A) SOCNPST - No. Create Non-Persistent Socket reqs.
zSOCPS	INT	4	(IBM name: N/A) SOCPSCT - No. Create Persistent Socket reqs.
zSONHW	INT	4	(IBM name: N/A) SONPSHWM - Non-Persistent Socket HWM.
zSOPHW	INT	4	(IBM name: N/A) SOPSHWM - Persistent Socket HWM.
zSORCT	INT	4	(IBM name: N/A) SORCVCT - No. Socket Receive requests.
zSOCIN	INT	4	(IBM name: N/A) SOCHRIN - No. Characters received.
zSOSCT	INT	4	(IBM name: N/A) SOSENDCT - No. Socket Send requests.
zSOCOT	INT	4	(IBM name: N/A) SOCHROUT - No. Characters sent.
zSOTC	INT	4	(IBM name: N/A) SOTOTCT - Total No. Socket requests.
zSOIMC	INT	4	(IBM name: N/A) SOMSGIN1 - No. Inbound Socket Receive reqs.
zSOI1C	INT	4	(IBM name: N/A) SOCHRIN1 - No. Inbound Socket Characters rec'vd.
zSOOMC	INT	4	(IBM name: N/A) SOMSGOU1 - No. Inbound Socket Send reqs.
zSOO1C	INT	4	(IBM name: N/A) SOCHROU1 - No. Inbound Socket Characters sent.
zIMSRC	INT	4	(IBM name: N/A) IMSREQCT - Total No. IMS requests.
zDB2RC	INT	4	(IBM name: N/A) DB2REQCT - Total No. DB2 requests.
zWMQRC	INT	4	(IBM name: N/A) WMQREQCT - Total No. WebSphere MQ requests.
zTCBAC	INT	4	(IBM name: N/A) TCBATTCT - No. CICS Dispatcher TCB Attach's.
zDSTHW	INT	4	(IBM name: N/A) DSTCBHWM - CICS Dispatcher TCB HWM.
zWBROC	INT	4	(IBM name: N/A) WBREDOCT - No. Web Read requests.
zWBWOC	INT	4	(IBM name: N/A) WBWRTOCT - No. Web Write requests.
zWBIRC	INT	4	(IBM name: N/A) WBRCVIN1 - No. Web Receive requests.

zWBI1C	INT	4	(IBM name: N/A) WBCHRIN1 - No. Bytes received by Web reqs.
zWBOSC	INT	4	(IBM name: N/A) WBSNDOU1 - No. Web Send requests.
zWBO1C	INT	4	(IBM name: N/A) WBCHROU1 - No. Bytes sent by Web send reqs.
zWBPRC	INT	4	(IBM name: N/A) WBPARSCT - No. Web Parse requests.
zWBBOC	INT	4	(IBM name: N/A) WBBRWOC - No. Web Browse requests.
zWBIWC	INT	4	(IBM name: N/A) WBIWBSCT - No. Invoke Webservice requests.
zWBRDL	INT	4	(IBM name: N/A) WBREPRDL - Repository Read data length.
zWBWDL	INT	4	(IBM name: N/A) WBREPWDL - Repository Write data length.
zPGCTC	INT	4	(IBM name: N/A) PGTOTCCT - Total No. channel data container reqs.
zPGBCC	INT	4	(IBM name: N/A) PGBRWCCT - No. Browse container channel requests.
zPGGCC	INT	4	(IBM name: N/A) PGGETCCT - No. Get container channel requests.
zPGPCC	INT	4	(IBM name: N/A) PGPUTCCT - No. Put container channel requests.
zPGMCC	INT	4	(IBM name: N/A) PGMOVCCT - No. Move container channel requests.
zPGGCL	INT	4	(IBM name: N/A) PGGETCDL - Get container channel data length.
zPGPCL	INT	4	(IBM name: N/A) PGPUTCDL - Put container channel data length.
zPGCCC	INT	4	(IBM name: N/A) PGCRECCT - No. Containers created.
zPGCSH	INT	4	(IBM name: N/A) PGCSTHWM - Container Storage HWM.
zISACT	INT	4	(IBM name: N/A) ISALLOCT - No. IPCONN allocate requests.
zEICTC	INT	4	(IBM name: N/A) EICTOTCT - Total No. EXEC CICS requests.
zECSGE	INT	4	(IBM name: N/A) ECSIGECT - No. SIGNAL EVENT requests.
zECFOC	INT	4	(IBM name: N/A) ECEFOPT - No. Event Filter operations.
zECEVC	INT	4	(IBM name: N/A) ECEVNTCT - No. EVENTS captured.
zECSEC	INT	4	(IBM name: N/A) ECSEVCCT - No. synchronous emission EVENTS.
zTIATC	INT	4	(IBM name: N/A) TIASKTCT - No. EXEC CICS ASKTIME requests.
zTITC	INT	4	(IBM name: N/A) TITOTCT - Total No. EXEC xxxxxxTIME reqs.
zBFDGC	INT	4	(IBM name: N/A) BFDGSTCT - No. BIF DIGEST requests.
zBFTC	INT	4	(IBM name: N/A) BFTOTCT - Total No. BIF requests.
zMLTDL	INT	4	(IBM name: N/A) MLXSSTD - Total document length.

zMLXTC	INT	4	(IBM name: N/A) MLXMLTCT - No. EXEC CICS TRANSFORM requests.
zWSCBC	INT	4	(IBM name: N/A) WSACBLCT - No. WSACONTEXT BUILD requests.
zWSCGC	INT	4	(IBM name: N/A) WSACGTCT - No. WSACONTEXT GET requests.
zWSEPC	INT	4	(IBM name: N/A) WSAEPCT - No. WSAEPR CREATE requests.
zWSATC	INT	4	(IBM name: N/A) WSATOTCT - Total No. WS-Addressing requests.
zWSFCC	INT	4	(IBM name: N/A) WBSFCRCT - No. SOAPFAULT CREATE requests.
zWSFTC	INT	4	(IBM name: N/A) WBSFTOCT - Total No. SOAPFAULT requests.
zWSSFC	INT	4	(IBM name: N/A) WBSSFC - No. INVOKE xxxSERVICE SOAP faults.
zWSQBL	INT	4	(IBM name: N/A) WBSREQBL - SOAP request body length.
zWSRBL	INT	4	(IBM name: N/A) WBSRSPBL - SOAP response body length.
zJSRQL	INT	4	(IBM name: N/A) WBJSNRQL - JSON request body length.
zJSRPL	INT	4	(IBM name: N/A) WBJSNRPL - JSON response body length.
zMPPTX	INT	4	(IBM name: N/A) MPPRTXCD - Managed Platform - Policy.
zNCGET	INT	4	(IBM name: N/A) NCGETCT - No. EXEC CICS GET COUNTER and GET DCOUNTER requests.
zASTC	INT	4	(IBM name: N/A) ASTOTCT - Total number of.
zASRNC	INT	4	(IBM name: N/A) ASRUNCT - No. EXEC CICS RUN TRANSID.
zASFTC	INT	4	(IBM name: N/A) ASFTCHCT - No. EXEC CICS FETCH command.
zASFRC	INT	4	(IBM name: N/A) ASFRECT - No. EXEC CICS FREE CHILD.
zMPSRE	INT	4	(IBM name: N/A) MPSRECT - No. system rule evaluations.
zMPSRA	INT	4	(IBM name: N/A) MPSRACT - No. system rule actions.
zUSRDISPT	TIME	8	(IBM name: N/A) Total elapsed time during which the user task was dispatched on each CICS TCB under which the task ran.
zUSRDISPT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zUSRCPUT	TIME	8	(IBM name: N/A) Processor time for which the user task was dispatched on each CICS TCB under which the task ran.
zUSRCPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zCPUTONCP	TIME	8	(IBM name: N/A) The total task processor time on a standard processor for which the user task was dispatched on each CICS TCB under which the task ran.
zCPUTONCP_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.

zOFFLCPUT	TIME	8	(IBM name: N/A) The total task processor time that was spent on a standard processor but was eligible for offload to a specialty processor (zIIP or zAAP).
zOFFLCPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zSUSPTIME	TIME	8	(IBM name: N/A) Total elapsed wait time for which the user task was suspended by the dispatcher.
zSUSPTIME_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDISPWTT	TIME	8	(IBM name: N/A) Elapsed time for which the user task waited for redispach. This time is the aggregate of the wait times between each event completion and user-task redispach.
zDISPWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zQRDISPT	TIME	8	(IBM name: N/A) The elapsed time for which the user task was dispatched on the CICS QR TCB.
zQRDISPT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zQRCPUT	TIME	8	(IBM name: N/A) The processor time for which the user task was dispatched on the CICS QR TCB.
zQRCPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zMSDISPT	TIME	8	(IBM name: N/A) Elapsed time for which the user task was dispatched on each CICS TCB.
zMSDISPT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zMSCPUP	TIME	8	(IBM name: N/A) The processor time for which the user task was dispatched on each CICS TCB.
zMSCPUP_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zRODISPT	TIME	8	(IBM name: N/A) The elapsed time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zRODISPT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zROCPUP	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher on the CICS RO mode TCB. The RO TCB is used for loading programs, unless the command to load the program (EXEC CICS LOAD, XCTL, or LINK) is issued by an application that is currently running on an open TCB.
zROCPUP_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zKY8DISPT	TIME	8	(IBM name: N/A) The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 8 mode TCB.
zKY8DISPT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zKY8CPUP	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS

			dispatcher on a CICS Key 8 mode TCB.
zKY8CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zKY9DISPT	TIME	8	(IBM name: N/A) The total elapsed time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9DISPT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zKY9CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher on a CICS Key 9 mode TCB.
zKY9CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zL8CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L8 mode TCB.
zL8CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zL9CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS L9 mode TCB.
zL9CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zS8CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS S8 mode TCB.
zS8CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zX8CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X8 mode TCB.
zX8CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zX9CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS X9 mode TCB.
zX9CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zT8CPUT	TIME	8	(IBM name: N/A) The processor time during which the user task was dispatched by the CICS dispatcher domain on a CICS T8 mode TCB.
zT8CPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total processor time.
zQRMODDLY	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for redispach on the CICS QR mode TCB.
zQRMODDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zMXTOTDLY	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited to obtain a CICS L8 or L9 mode open TCB, because the region had reached the limit set by CICS for these TCBs.
zMXTOTDLY_N	INT	3	

			(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zMAXXTDLY	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited to obtain a CICS XP TCB (X8 or X9 mode), because the CICS system reached the limit set by CICS for these types of TCB.
zMAXXTDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zMAXSTDLY	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited to obtain a CICS SSL TCB (S8 mode), because the CICS system reached the limit set by the system initialization parameter MAXSSLTCBS.
zMAXSTDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zMAXTTDLY	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited to obtain a T8 TCB, because the CICS system reached the limit of available threads.
zMAXTTDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDSTCBMWT	TIME	8	(IBM name: N/A) The elapsed time that the user task spent in TCB mismatch waits. That is, waiting because no available TCB matched the request, but at least one non matching TCB was free.
zDSTCBMWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDSCHMDLY	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited for redispach after a CICS Dispatcher change-TCB mode request was issued by or on behalf of the user task.
zDSCHMDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zEXWTTIME	TIME	8	(IBM name: N/A) The total elapsed time for which the user waited on exception conditions.
zEXWTTIME_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zTCIOWTT	TIME	8	(IBM name: N/A) Elapsed time for which the user task waited for input from the terminal operator after issuing a RECEIVE request.
zTCIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zFCIOWTT	TIME	8	(IBM name: N/A) Elapsed time in which the user task waited for file I/O.
zFCIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zFCXCWTT	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited for exclusive control of a VSAM control interval.
zFCXCWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zFCVSWTT	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited for a VSAM string.
zFCVSWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zJCIOWTT	TIME	8	(IBM name: N/A) Elapsed time for which the user task waited for journal (logstream) I/O.
zJCIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zTSIOWTT	TIME	8	(IBM name: N/A) Elapsed time for which the user task waited for VSAM temporary storage

			I/O.
zTSIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zIRIOWTT	TIME	8	(IBM name: N/A) Elapsed time for which the user task waited for control at this end of an MRO link.
zIRIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zTDIOWTT	TIME	8	(IBM name: N/A) Elapsed time in which the user waited for VSAM transient data I/O.
zTDIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zPCLOADTM	TIME	8	(IBM name: N/A) Elapsed time in which the user task waited for fetches from DFHRPL or dynamic LIBRARY concatenations.
zPCLOADTM_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDSPDELAY	TIME	8	(IBM name: N/A) The elapsed time waiting for first dispatch.
zDSPDELAY_N	INT	3	(IBM name: N/A) Number of waits.
zTCLDELAY	TIME	8	(IBM name: N/A) The elapsed time waiting for first dispatch, which was delayed because of the limits set for the transaction class of this transaction (zTCLSNAME) being reached.
zTCLDELAY_N	INT	3	(IBM name: N/A) Number of waits.
zMXTDELAY	TIME	8	(IBM name: N/A) The elapsed time waiting for the first dispatch, which was delayed because of the limits set by the system parameter, MXT, being reached.
zMXTDELAY_N	INT	3	(IBM name: N/A) Number of waits.
zENQDELAY	TIME	8	(IBM name: N/A) The elapsed time waiting for a CICS task control local enqueue.
zENQDELAY_N	INT	3	(IBM name: N/A) The number of local enqueues.
zGNQDELAY	TIME	8	(IBM name: N/A) The elapsed time waiting for a CICS task control global enqueue.
zGNQDELAY_N	INT	3	(IBM name: N/A) The number of global enqueues.
zLU61WTT	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for I/O on a LUTYPE6.1 connection or session.
zLU61WTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zLU62WTT	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for I/O on a LUTYPE6.2 (APPC) connection or session.
zLU62WTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSZWAIT	TIME	8	(IBM name: N/A) Elapsed time in which the user task waited for all FEPI services.
zSZWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRMITIME	TIME	8	(IBM name: N/A) The total elapsed time spent in the CICS Resource Manager Interface (RMI).
zRMITIME_N	INT	3	

			(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRMISUSP	TIME	8	(IBM name: N/A) The total elapsed time that the task was suspended by the CICS dispatcher while in the CICS Resource Manager Interface (RMI).
zRMISUSP_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSYNCTIME	TIME	8	(IBM name: N/A) Total elapsed time for which the user task was dispatched and was processing syncpoint requests.
zSYNCTIME_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRLSWAIT	TIME	8	(IBM name: N/A) Elapsed time in which the user task waited for RLS file I/O.
zRLSWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRLSCPUT	TIME	8	(IBM name: N/A) For RLS requests issued only from the QR TCB, this value is the RLS File Request SRB CPU time that this transaction spent processing RLS file requests.
zRLSCPUT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total CPU SRB processor time.
zLMDELAY	TIME	8	(IBM name: N/A) The elapsed time that the user task waited to acquire a lock on a resource.
zLMDELAY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zWTEXWAIT	TIME	8	(IBM name: N/A) The elapsed time that the user task waited for one or more ECBs, passed to CICS by the user task using the EXEC CICS WAIT EXTERNAL ECBLIST command, to be posted by the MVS POST command.
zWTEXWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zWTCEWAIT	TIME	8	(IBM name: N/A) The elapsed time that the user task waited for one of these events: 1. One or more ECBs, passed to CICS by the user task using the EXEC CICS WAITCICS ECBLIST command, to be posted by the MVS POST command. 2. Completion of an event initiated by the same or by another user task.
zWTCEWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zICDELAY	TIME	8	(IBM name: N/A) The elapsed time that the user task waited as a result of issuing one of the following commands: 1. An interval control EXEC CICS DELAY command for a specified time interval. 2. An interval control EXEC CICS DELAY command for a specified time of day to expire. 3. An interval control EXEC CICS RETRIEVE command with the WAIT option specified.
zICDELAY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zGVUPWAIT	TIME	8	(IBM name: N/A) The elapsed time that the user task waited as a result of giving up control to another task.
zGVUPWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zTSSHWAIT	TIME	8	(IBM name: N/A) Elapsed time that the user task waited for an asynchronous shared temporary storage request to a temporary storage data server to complete.
zTSSHWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zCFDTPWAIT	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited for a data table access

			request to the Coupling Facility Data Table server to complete.
zCFDTPWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSRVSYWTT	TIME	8	(IBM name: N/A) Total elapsed time in which the user task waited for syncpoint or resynchronization processing using the Coupling Facility data tables server to complete.
zSRVSYWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRRMSWAIT	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited indoubt using resource recovery services for EXCI.
zRRMSWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRUNTRWTT	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited for completion of a transaction that ran as a result of the user task issuing a CICS BTS run process request and a run activity request synchronously.
zRUNTRWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSYNCDLY	TIME	8	(IBM name: N/A) The elapsed time in which the user task waited for a syncpoint request to be issued by its parent transaction.
zSYNCDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSOIOWTT	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for inbound socket I/O.
zSOIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zIMSWAIT	TIME	8	(IBM name: N/A) The elapsed time during which the user task waited for DBCTL to service the IMS requests issued by the user task.
zIMSWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDB2RDYQW	TIME	8	(IBM name: N/A) The elapsed time during which the user task waited for a Db2 thread to become available.
zDB2RDYQW_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDB2CONWT	TIME	8	(IBM name: N/A) The elapsed time during which the user task waited for a Db2 connection to become available for use with the user task's open TCB.
zDB2CONWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zWMQGETWT	TIME	8	(IBM name: N/A) The elapsed time during which the user task waited for WebSphere MQ to service the user task's GETWAIT request.
zWMQGETWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zJVMTIME	TIME	8	(IBM name: N/A) The total elapsed time spent in the JVM by the user task.
zJVMTIME_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zJVMSUSP	TIME	8	(IBM name: N/A) The elapsed time for which the user task was suspended by the CICS dispatcher while running in the JVM.
zJVMSUSP_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSOOIOWTT	TIME	8	

			(IBM name: N/A) The total elapsed time that the user task waited on outbound sockets.
zSOOIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRQRWAIT	TIME	8	(IBM name: N/A) The elapsed time during which the request receiver user task CIRR (or user specified transaction ID) waited for any outstanding replies to be satisfied.
zRQRWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zRQPWAIT	TIME	8	(IBM name: N/A) The elapsed time during which the request processor user task CIRP waited for any outstanding replies to be satisfied.
zRQPWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zOTSINDWT	TIME	8	(IBM name: N/A) The elapsed time in which the user task was dispatched or suspended indoubt (or both) while processing a syncpoint for an Object Transaction Service (OTS) syncpoint request.
zOTSINDWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zJVMITIME	TIME	8	(IBM name: N/A) The elapsed time spent initializing the JVM environment.
zJVMITIME_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zJVMRTIME	TIME	8	(IBM name: N/A) Reserved field, returns zero.
zJVMRTIME_N	INT	3	(IBM name: N/A) Reserved field, returns zero.
zPTPWAIT	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for the 3270 bridge partner transaction to complete.
zPTPWAIT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDSMMSCWT	TIME	8	(IBM name: N/A) The elapsed time that the user task spent waiting because no TCB was available and a TCB was not created because of MVS storage constraints.
zDSMMSCWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zLSIOWTT	TIME	8	(IBM name: N/A) The elapsed time for which a user task waited for control at this end of an IPIEC connection.
zLSIOWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zJVMTHDWT	TIME	8	(IBM name: N/A) The elapsed time that the user task waited to obtain a JVM server thread because the CICS system had reached the thread limit for a JVM server in the CICS region.
zJVMTHDWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zWMQASRBT	TIME	8	(IBM name: N/A) The WebSphere MQ SRB time this transaction spent processing WebSphere MQ API requests.
zWMQASRBT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total SRB time.
zTDILWTT	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for an intrapartition transient data lock (TDIPLOCK).
zTDILWTT_N	INT	3	

			(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zTDELWTT	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for an extrapartition transient data lock (TDEPLOCK).
zTDELWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zROMODDLY	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for redispach on the CICS RO TCB.
zROMODDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zSOMODDLY	TIME	8	(IBM name: N/A) The elapsed time for which the user task waited for redispach on the CICS SO TCB.
zSOMODDLY_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zISALWTT	TIME	8	(IBM name: N/A) The elapsed time for which a user task waited for an allocate request for an IPIIC session.
zISALWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zTCALWTT	TIME	8	(IBM name: N/A) The elapsed time for which a user task waited for an allocate request for an MRO (Inter-Region Communication), LU6.1, or LU6.2 session.
zTCALWTT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zDSAPTHWT	TIME	8	(IBM name: N/A) The dispatcher allocated pthread wait time. This is the time that the transaction had to wait for a Liberty pthread to be allocated during links to Liberty programs.
zDSAPTHWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total wait time.
zASFTCHWT	TIME	8	(IBM name: N/A) The elapsed time that the user task waited for a child task as a result of issuing an EXEC CICS FETCH CHILD or EXEC CICS FETCH ANY command which was not completed.
zASFTCHWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.
zASRNATWT	TIME	8	(IBM name: N/A) The elapsed time that the user task was delayed as a result of asynchronous child task limits managed by the asynchronous services domain.
zASRNATWT_N	INT	3	(IBM name: N/A) Count of the number of time periods contributing to the total elapsed time.

Secondary segment: SMF110#02_Transaction_Dump_Resid

Field Name	Type	Len	Description
<i>SMF110#02_Transaction_Dump_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TDR' => Transaction dump (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

zCODE	CHAR	4	(IBM name: N/A) Dumpcode.
zSTKN	INT	4	(IBM name: N/A) # of system dumps taken.
zSSUPR	INT	4	(IBM name: N/A) # of system dumps suppressed.
zTTKN	INT	4	(IBM name: N/A) # of transaction dumps taken.
zTSUPR	INT	4	(IBM name: N/A) # of transaction dumps suppressed.

Secondary segment: SMF110#02_Transaction_Dump_Global

Field Name	Type	Len	Description
<i>SMF110#02_Transaction_Dump_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TDG' => Transaction dump (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNS_DUMP_TAKEN	INT	4	(IBM name: N/A) No. of transaction dumps taken.
zNS_DUMP_SUPP	INT	4	(IBM name: N/A) No. of transaction dumps supprsd.

Secondary segment: SMF110#02_System_Dump_Resid

Field Name	Type	Len	Description
<i>SMF110#02_System_Dump_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SDR' => System dump (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zCODE	CHAR	8	(IBM name: N/A) Dumpcode.
zSTKN	INT	4	(IBM name: N/A) Number of system dumps taken.
zSSUPR	INT	4	(IBM name: N/A) Number of system dumps suppressed.
zTTKN	INT	4	(IBM name: N/A) Number of tran dumps taken (unused).
zTSUPR	INT	4	(IBM name: N/A) Number of tran dumps suppressed.

Secondary segment: SMF110#02_System_Dump_Global

Field Name	Type	Len	Description
<i>SMF110#02_System_Dump_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SDG' => System dump (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zDUMPS_TAKEN	INT	4	(IBM name: N/A) Number of system dumps taken.
zDUMPS_SUPPR	INT	4	(IBM name: N/A) Number of system dumps suppressed.

Secondary segment: SMF110#02_Logstream_Stats_Global

Field Name	Type	Len	Description
<i>SMF110#02_Logstream_Stats_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LGG' => Logstream (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zAKPFREQ	INT	4	(IBM name: N/A) Keypoint Frequency.
zLGDEFER	INT	4	(IBM name: N/A) Logdefer Interval.
zAKPSTKN	INT	4	(IBM name: N/A) Number of Keypoints Taken.

Secondary segment: SMF110#02_Logger_Stats_Resid

Field Name	Type	Len	Description
<i>SMF110#02_Logger_Stats_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LGR' => Logger (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zJNLNAME	CHAR	8	(IBM name: N/A) Journal name.
zJTYPE	INT (ENUM)	1	(IBM name: N/A) Journal type (MVS,SMF,Dummy).
zSTREAM	CHAR	26	(IBM name: N/A) Log stream name.

zWRITES	INT	4	(IBM name: N/A) No of journal writes.
zBYTES	INT	8	(IBM name: N/A) Total No of bytes written.
zBUFLSH	INT	4	(IBM name: N/A) No of buffer flush requests.

Secondary segment: SMF110#02_Logstream_Stats_Resid

Field Name	Type	Len	Description
<i>SMF110#02_Logstream_Stats_Resid.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'LGS' => Logstream (RESID) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSTRNAM	CHAR	26	(IBM name: N/A) Log stream name.
zWRITES	INT	4	(IBM name: N/A) No of log writes.
zBYTES	INT	8	(IBM name: N/A) Total No of bytes written.
zCUFWTRS	INT	4	(IBM name: N/A) Current number of force waiters.
zPKFWTRS	INT	4	(IBM name: N/A) Peak number of force waiters.
zTFCWAIT	INT	4	(IBM name: N/A) Total number of force waits.
zBUFWAIT	INT	4	(IBM name: N/A) No of waits due to buffer full.
zBRWSTRT	INT	4	(IBM name: N/A) No of log browse starts.
zBRWREAD	INT	4	(IBM name: N/A) No of log browse reads.
zDELETES	INT	4	(IBM name: N/A) No of log deletes.
zRTYERRS	INT	4	(IBM name: N/A) No of retryable errors.
zBUFAPP	INT	4	(IBM name: N/A) No of buffer append reqs.
zSYSLog	INT (ENUM)	1	(IBM name: N/A) System log flag.
zDASDOnly	INT (ENUM)	1	(IBM name: N/A) DASD only flag.
zSTRUC	CHAR	16	(IBM name: N/A) CF structure name.
zMAXBL	INT	4	(IBM name: N/A) Max block length.
zRETPD	INT	4	(IBM name: N/A) Data retention period.
zAUTODel	INT (ENUM)	1	(IBM name: N/A) Data auto delete flag.

zQUERIES	INT	4	(IBM name: N/A) No of log queries.
----------	-----	---	---------------------------------------

Secondary segment: **SMF110#02_Enqueue_Mgr_Stats_Global**

Field Name	Type	Len	Description
<i>SMF110#02_Enqueue_Mgr_Stats_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'NQG' => Enqueue mgr (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNPOOL	INT	4	(IBM name: N/A) Number of ENQ pools following.

<i>SMF110#02_Enqueue_Mgr_Stats_Global.zENQ.<fieldname></i>			
zPOOL	CHAR	8	(IBM name: N/A) ENQ pool id.
zTNQSI	INT	4	(IBM name: N/A) Total enqueues issued.
zTNQSW	INT	4	(IBM name: N/A) Total enqueues waited.
zTNQWT	TSTMP	8	(IBM name: N/A) Time enqueues had waited (STCK).
zCNQSW	INT	4	(IBM name: N/A) Current enqueues waiting.
zCNQWT	TIME	8	(IBM name: N/A) Current enqueues waiting time (STCK).
zGNQSW	INT	4	(IBM name: N/A) Total sysplex ENQs waited.
zGNQWT	TSTMP	8	(IBM name: N/A) Time sysplex ENQs had waited (STCK).
zSNQSW	INT	4	(IBM name: N/A) Current sysplex ENQs waiting.
zSNQWT	TIME	8	(IBM name: N/A) Current sysplex ENQs wait time (STCK).
zTNQSR	INT	4	(IBM name: N/A) Total enqueues that were retained.
zTNQRT	TSTMP	8	(IBM name: N/A) Time enqueues were retained (STCK).
zCNQSR	INT	4	(IBM name: N/A) Current enqueues retained.
zCNQRT	TIME	8	(IBM name: N/A) Current enqueues retained time (STCK).
zTIRJB	INT	4	(IBM name: N/A) Total immed. rejected ENQBUSY.
zTIRJR	INT	4	(IBM name: N/A) Total immed. rejected ENQ retained.
zTWRJR	INT	4	(IBM name: N/A) Total waiting ENQs rejected retained.
zTWPOP	INT	4	(IBM name: N/A) Total waiting ENQs purged by operator.

zTWPTO	INT	4	(IBM name: N/A) Total waiting ENQs purged by timeout.
--------	-----	---	--

Secondary segment: **SMF110#02_Recovery_Mgr_Stats_Global**

Field Name	Type	Len	Description
<i>SMF110#02_Recovery_Mgr_Stats_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'RMG' => Recovery mgr (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSYFWD	INT	4	(IBM name: N/A) Total syncpoints forward.
zSYBWD	INT	4	(IBM name: N/A) Total syncpoints backward.
zRESYN	INT	4	(IBM name: N/A) Total resynchronisations.
zTSHIN	INT	4	(IBM name: N/A) Total shunted uows for indoubt.
zTSHTI	TIME	8	(IBM name: N/A) Total time shunted for indoubt (STCK).
zCSHIN	INT	4	(IBM name: N/A) Current uows shunted for indoubt.
zCSHTI	TSTMP	8	(IBM name: N/A) Current time shunted indoubt (STCK).
zTSHRO	INT	4	(IBM name: N/A) Total ouws shunted for RO commit fail.
zTSHTR	TIME	8	(IBM name: N/A) Total time shunted for RO fail (STCK).
zCSHRO	INT	4	(IBM name: N/A) Current ouws shunts RO commit fail.
zCSHTR	TSTMP	8	(IBM name: N/A) Current time shunted RO fail (STCK).
zIAFTR	INT	4	(IBM name: N/A) Total forced Indoubt Actions-trandef.
zIAFTI	INT	4	(IBM name: N/A) Total forced Indoubt Actions-timeout.
zIAFNW	INT	4	(IBM name: N/A) Total forced Indoubt Actions-nowait.
zIAFOP	INT	4	(IBM name: N/A) Total forced Indoubt Actions-operator.
zIAFOT	INT	4	(IBM name: N/A) Total forced Indoubt Actions-other.
zIAMIS	INT	4	(IBM name: N/A) Total Indoubt Action mismatches.
zNWTD	INT	4	(IBM name: N/A) Total forced for no waiting in TD.
zNW61	INT	4	(IBM name: N/A) Total forced for no waiting in LU61.
zNWMRO	INT	4	(IBM name: N/A) Total forced for no waiting in MRO.

zNWRMI	INT	4	(IBM name: N/A) Total forced for no waiting in RMI.
zNWOTH	INT	4	(IBM name: N/A) Total forced for no waiting in other.

Secondary segment: **SMF110#02_BUNDLEs_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_BUNDLEs_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'RLR' => BUNDLEs (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zBUNDLE_NAME	CHAR	8	(IBM name: RLR_BUNDLE_NAME) Bundle name.
zBUNDLE_DIRECTORY	CHAR	255	(IBM name: RLR_BUNDLE_DIRECTORY) Bundle directory.
zBUNDLE_BASESCOPE	CHAR	255	(IBM name: RLR_BUNDLE_BASESCOPE) Bundle basescope.
zBUNDLE_DEFINE_SOURCE	CHAR	8	(IBM name: RLR_BUNDLE_DEFINE_SOURCE) Group installed from.
zBUNDLE_CHANGE_TIME	TSTMP	8	(IBM name: RLR_BUNDLE_CHANGE_TIME) Change/create time.
zBUNDLE_CHANGE_USERID	CHAR	8	(IBM name: RLR_BUNDLE_CHANGE_USERID) Change userid.
zBUNDLE_CHANGE_AGENT	INT (ENUM)	2	(IBM name: RLR_BUNDLE_CHANGE_AGENT) Change agent.
zBUNDLE_INSTALL_AGENT	INT (ENUM)	2	(IBM name: RLR_BUNDLE_INSTALL_AGENT) Install agent.
zBUNDLE_INSTALL_TIME	TSTMP	8	(IBM name: RLR_BUNDLE_INSTALL_TIME) Install/Create time.
zBUNDLE_INSTALL_USERID	CHAR	8	(IBM name: RLR_BUNDLE_INSTALL_USERID) Install userid.

Secondary segment: **SMF110#02_URIMAPs_Global**

Field Name	Type	Len	Description
<i>SMF110#02_URIMAPs_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'WBG' => URIMAPs (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zURIMAP_REFERENCE_COUNT	INT	4	(IBM name: WBG_URIMAP_REFERENCE_COUNT) Urimap reference count.
zURIMAP_MATCH_DISABLED	INT	4	

			(IBM name: WBG_URIMAP_MATCH_DISABLED) Urimap host/path match disabled.
zURIMAP_NO_MATCH_COUNT	INT	4	(IBM name: WBG_URIMAP_NO_MATCH_COUNT) Urimap host/path no match.
zURIMAP_MATCH_COUNT	INT	4	(IBM name: WBG_URIMAP_MATCH_COUNT) Urimap host/path match.
zURIMAP_MATCH_REDIRECT	INT	4	(IBM name: WBG_URIMAP_MATCH_REDIRECT) Urimap host/path match redirect.
zURIMAP_MATCH_ANALYZER	INT	4	(IBM name: WBG_URIMAP_MATCH_ANALYZER) Urimap host/path match analyzer.
zURIMAP_STATIC_CONTENT	INT	4	(IBM name: WBG_URIMAP_STATIC_CONTENT) Urimap static content.
zURIMAP_DYNAMIC_CONTENT	INT	4	(IBM name: WBG_URIMAP_DYNAMIC_CONTENT) Urimap dynamic content.
zURIMAP_PIPELINE_REQS	INT	4	(IBM name: WBG_URIMAP_PIPELINE_REQS) Urimap pipeline requests.
zURIMAP_SCHEME_HTTP	INT	4	(IBM name: WBG_URIMAP_SCHEME_HTTP) Urimap scheme(http) requests.
zURIMAP_SCHEME_HTTPS	INT	4	(IBM name: WBG_URIMAP_SCHEME_HTTPS) Urimap scheme(https) requests.
zHOST_DISABLED_COUNT	INT	4	(IBM name: WBG_HOST_DISABLED_COUNT) Host disabled count.
zURIMAP_ATOMSERV_REQS	INT	4	(IBM name: WBG_URIMAP_ATOMSERV_REQS) Urimap atomservice requests.
zURIMAP_JVMSEVER_REQS	INT	4	(IBM name: WBG_URIMAP_JVMSEVER_REQS) Urimap JVMServer requests.
zURIMAP_ENTRYPOINT_REF	INT	4	(IBM name: WBG_URIMAP_ENTRYPOINT_REF) Urimap endpoint ref count.
zURIMAP_DIRECT_ATTACH	INT	4	(IBM name: WBG_URIMAP_DIRECT_ATTACH) Urimap direct user tran att.

Secondary segment: SMF110#02_DB2_Connection_Stats_Global

Field Name	Type	Len	Description
<i>SMF110#02_DB2_Connection_Stats_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'D2G' => DB2 connection (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zDB2CONN_NAME	CHAR	8	(IBM name: D2G_DB2CONN_NAME) Name of the DB2CONN.
zDB2_ID	CHAR	4	(IBM name: D2G_DB2_ID) DB2 sysid.
zDB2_RELEASE	CHAR	4	(IBM name: D2G_DB2_RELEASE) Release of DB2.
zCONNECT_TIME_GMT	TSTMP	8	(IBM name: D2G_CONNECT_TIME_GMT) Connect time (GMT).
zCONNECT_TIME_LOCAL	TSTMP	8	(IBM name: D2G_CONNECT_TIME_LOCAL) Connect time (local).
zDISCONNECT_TIME_GMT	TSTMP	8	(IBM name: D2G_DISCONNECT_TIME_GMT) Disconnect time (GMT).

zDISCONNECT_TIME_LOCAL	TSTMP	8	(IBM name: D2G_DISCONNECT_TIME_LOCAL) Disconnect time (local).
zTCB_LIMIT	INT	4	(IBM name: D2G_TCB_LIMIT) Max number of TCBs.
zTCB_CURRENT	INT	4	(IBM name: D2G_TCB_CURRENT) Current number of TCBs.
zTCB_HWM	INT	4	(IBM name: D2G_TCB_HWM) HWM of TCBs.
zTCB_FREE	INT	4	(IBM name: D2G_TCB_FREE) Current number of free TCBs.
zTCB_READYQ_CURRENT	INT	4	(IBM name: D2G_TCB_READYQ_CURRENT) Number of tasks on TCB readyq.
zTCB_READYQ_HWM	INT	4	(IBM name: D2G_TCB_READYQ_HWM) Peak number of tasks on TCB readyq.
zDB2_GROUP_ID	CHAR	4	(IBM name: D2G_DB2_GROUP_ID) DB2 group id.
zRESYNCMEMBER	INT (ENUM)	1	(IBM name: D2G_RESYNCMEMBER) Resync UOWs.
zREUSELIMIT	INT	4	(IBM name: D2G_REUSELIMIT) Thread reuse limit.

SMF110#02_DB2_Connection_Stats_Global.zPOOL_STATS.<fieldname>

zPOOL_PLAN_NAME	CHAR	8	(IBM name: D2G_POOL_PLAN_NAME) Static plan name if any.
zPOOL_PLANEXIT_NAME	CHAR	8	(IBM name: D2G_POOL_PLANEXIT_NAME) Planexit name if any.
zPOOL_AUTHID	CHAR	8	(IBM name: D2G_POOL_AUTHID) Static authid if any.
zPOOL_AUTHTYPE	INT (ENUM)	1	(IBM name: D2G_POOL_AUTHTYPE) Authtype if any.
zPOOL_ACCOUNTREC	INT (ENUM)	1	(IBM name: D2G_POOL_ACCOUNTREC) Accountrec setting.
zPOOL_THREADWAIT	INT (ENUM)	1	(IBM name: D2G_POOL_THREADWAIT) Threadwait setting.
zPOOL_PRIORITY	INT (ENUM)	1	(IBM name: D2G_POOL_PRIORITY) Thread priority.
zPOOL_CALLS	INT	4	(IBM name: D2G_POOL_CALLS) Number of calls using pool.
zPOOL_SIGNONS	INT	4	(IBM name: D2G_POOL_SIGNONS) Number of signons.
zPOOL_COMMITS	INT	4	(IBM name: D2G_POOL_COMMITS) Number of commits.
zPOOL_ABORTS	INT	4	(IBM name: D2G_POOL_ABORTS) Number of aborts.
zPOOL_SINGLE_PHASE	INT	4	(IBM name: D2G_POOL_SINGLE_PHASE) Number of single phase commits.
zPOOL_THREAD_REUSE	INT	4	(IBM name: D2G_POOL_THREAD_REUSE) Number of thread reuses.
zPOOL_THREAD_TERM	INT	4	(IBM name: D2G_POOL_THREAD_TERM) Number of thread terminations.
zPOOL_THREAD_WAITS	INT	4	(IBM name: D2G_POOL_THREAD_WAITS) Number of thread waits.
zPOOL_THREAD_LIMIT	INT	4	(IBM name: D2G_POOL_THREAD_LIMIT) Maximum number of threads.
zPOOL_THREAD_CURRENT	INT	4	(IBM name: D2G_POOL_THREAD_CURRENT) Current number of threads.

zPOOL_THREAD_HWM	INT	4	(IBM name: D2G_POOL_THREAD_HWM) Peak number of threads.
zPOOL_TASK_CURRENT	INT	4	(IBM name: D2G_POOL_TASK_CURRENT) Current number of tasks.
zPOOL_TASK_HWM	INT	4	(IBM name: D2G_POOL_TASK_HWM) Peak number of tasks.
zPOOL_TASK_TOTAL	INT	4	(IBM name: D2G_POOL_TASK_TOTAL) Total number of tasks.
zPOOL_READYQ_CURRENT	INT	4	(IBM name: D2G_POOL_READYQ_CURRENT) Number of tasks on ready queue.
zPOOL_READYQ_HWM	INT	4	(IBM name: D2G_POOL_READYQ_HWM) Peak number of tasks on ready queue.
zPOOL_PARTIAL_SIGNONS	INT	4	(IBM name: D2G_POOL_PARTIAL_SIGNONS) Number of partial signons.
zPOOL_THREAD_CREATE	INT	4	(IBM name: D2G_POOL_THREAD_CREATE) Number of thread creates.
zPOOL_REUSELIMIT_COUNT	INT	4	(IBM name: D2G_POOL_REUSELIMIT_COUNT) Number of times hit reuselimit.

SMF110#02_DB2_Connection_Stats_Global.zCOMMAND_STATS.<fieldname>

zCOMD_AUTHID	CHAR	8	(IBM name: D2G_COMD_AUTHID) Static authid if any.
zCOMD_AUTHTYPE	INT	1	(IBM name: D2G_COMD_AUTHTYPE) Authtype if any.
zCOMD_CALLS	INT	4	(IBM name: D2G_COMD_CALLS) Number of dsnc comd calls.
zCOMD_SIGNONS	INT	4	(IBM name: D2G_COMD_SIGNONS) Number of signons.
zCOMD_THREAD_TERM	INT	4	(IBM name: D2G_COMD_THREAD_TERM) Number of thread terminates.
zCOMD_THREAD_OVERF	INT	4	(IBM name: D2G_COMD_THREAD_OVERF) Number of overflows to pool.
zCOMD_THREAD_LIMIT	INT	4	(IBM name: D2G_COMD_THREAD_LIMIT) Maximum number of threads.
zCOMD_THREAD_CURRENT	INT	4	(IBM name: D2G_COMD_THREAD_CURRENT) Current number of threads.
zCOMD_THREAD_HWM	INT	4	(IBM name: D2G_COMD_THREAD_HWM) Peak number of threads.
zCOMD_THREAD_CREATE	INT	4	(IBM name: D2G_COMD_THREAD_CREATE) Number of thread creates.

SMF110#02_DB2_Connection_Stats_Global.<fieldname>

zDB2CONN_DEFINE_SOURCE	CHAR	8	(IBM name: D2G_DB2CONN_DEFINE_SOURCE) Group installed from.
zDB2CONN_CHANGE_TIME	TSTMP	8	(IBM name: D2G_DB2CONN_CHANGE_TIME) Change/create time.
zDB2CONN_CHANGE_USERID	CHAR	8	(IBM name: D2G_DB2CONN_CHANGE_USERID) Change userid.
zDB2CONN_CHANGE_AGENT	INT (ENUM)	2	(IBM name: D2G_DB2CONN_CHANGE_AGENT) Change agent.
zDB2CONN_INSTALL_AGENT	INT (ENUM)	2	(IBM name: D2G_DB2CONN_INSTALL_AGENT) Install agent.
zDB2CONN_INSTALL_TIME	TSTMP	8	(IBM name: D2G_DB2CONN_INSTALL_TIME) Install/Create time.
zDB2CONN_INSTALL_USERID	CHAR	8	(IBM name: D2G_DB2CONN_INSTALL_USERID) Install userid.

Secondary segment: **SMF110#02_DB2_Entry_Stats_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_DB2_Entry_Stats_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'D2R' => DB2 entry (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zDB2ENTRY_NAME	CHAR	8	(IBM name: D2R_DB2ENTRY_NAME) Name of the DB2ENTRY.
zPLAN_NAME	CHAR	8	(IBM name: D2R_PLAN_NAME) Static plan name if any.
zPLANEXIT_NAME	CHAR	8	(IBM name: D2R_PLANEXIT_NAME) Planexit name if any.
zAUTHID	CHAR	8	(IBM name: D2R_AUTHID) Static authid if any.
zAUTHTYPE	INT (ENUM)	1	(IBM name: D2R_AUTHTYPE) Authtype if any.
zACCOUNTREC	INT (ENUM)	1	(IBM name: D2R_ACCOUNTREC) Accountrec setting.
zTHREADWAIT	INT (ENUM)	1	(IBM name: D2R_THREADWAIT) Threadwait setting.
zPRIORITY	INT (ENUM)	1	(IBM name: D2R_PRIORITY) Thread priority.
zCALLS	INT	4	(IBM name: D2R_CALLS) Number of calls using db2entry.
zSIGNONS	INT	4	(IBM name: D2R_SIGNONS) Number of signons.
zCOMMITTS	INT	4	(IBM name: D2R_COMMITTS) Number of commits.
zABORTS	INT	4	(IBM name: D2R_ABORTS) Number of aborts.
zSINGLE_PHASE	INT	4	(IBM name: D2R_SINGLE_PHASE) Number of single phase commits.
zTHREAD_REUSE	INT	4	(IBM name: D2R_THREAD_REUSE) Number of thread reuses.
zTHREAD_TERM	INT	4	(IBM name: D2R_THREAD_TERM) Number of thread terminates.
zTHREAD_WAIT_OR_OVERFL	INT	4	(IBM name: D2R_THREAD_WAIT_OR_OVERFL) Number of thread waits or overflows.
zTHREAD_LIMIT	INT	4	(IBM name: D2R_THREAD_LIMIT) Maximum number of threads.
zTHREAD_CURRENT	INT	4	(IBM name: D2R_THREAD_CURRENT) Current number of threads.
zTHREAD_HWM	INT	4	(IBM name: D2R_THREAD_HWM) Peak number of threads.
zPTHREAD_LIMIT	INT	4	(IBM name: D2R_PTHREAD_LIMIT) Maximum number of protected threads.
zPTHREAD_CURRENT	INT	4	(IBM name: D2R_PTHREAD_CURRENT) Current number of protected threads.

zPTHREAD_HWM	INT	4	(IBM name: D2R_PTHREAD_HWM) Peak number of protected threads.
zTASK_CURRENT	INT	4	(IBM name: D2R_TASK_CURRENT) Current number of tasks.
zTASK_HWM	INT	4	(IBM name: D2R_TASK_HWM) Peak number of tasks.
zTASK_TOTAL	INT	4	(IBM name: D2R_TASK_TOTAL) Total number of tasks.
zREADYQ_CURRENT	INT	4	(IBM name: D2R_READYQ_CURRENT) Number of tasks on ready queue.
zREADYQ_HWM	INT	4	(IBM name: D2R_READYQ_HWM) Peak number of tasks on ready queue.
zPARTIAL_SIGNONS	INT	4	(IBM name: D2R_PARTIAL_SIGNONS) Number of partial signons.
zTHREAD_CREATE	INT	4	(IBM name: D2R_THREAD_CREATE) Number of thread creates.
zREUSELIMIT_COUNT	INT	4	(IBM name: D2R_REUSELIMIT_COUNT) Number times reuselimit reached.
zDEFINE_SOURCE	CHAR	8	(IBM name: D2R_DEFINE_SOURCE) Group installed from.
zCHANGE_TIME	TSTMP	8	(IBM name: D2R_CHANGE_TIME) Change/create time.
zCHANGE_USERID	CHAR	8	(IBM name: D2R_CHANGE_USERID) Change userid.
zCHANGE_AGENT	INT (ENUM)	2	(IBM name: D2R_CHANGE_AGENT) Change agent.
zINSTALL_AGENT	INT (ENUM)	2	(IBM name: D2R_INSTALL_AGENT) Install agent.
zINSTALL_TIME	TSTMP	8	(IBM name: D2R_INSTALL_TIME) Install/Create time.
zINSTALL_USERID	CHAR	8	(IBM name: D2R_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_URIMAPs_Resource

Field Name	Type	Len	Description
<i>SMF110#02_URIMAPs_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'WBR' => URIMAPs (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zURIMAP_NAME	CHAR	8	(IBM name: PIW_URIMAP_NAME) Urimap name.
zURIMAP_USAGE	INT (ENUM)	1	(IBM name: WBR_URIMAP_USAGE) Urimap usage.
zURIMAP_SCHEME	INT (ENUM)	1	(IBM name: WBR_URIMAP_SCHEME) Urimap scheme.
zURIMAP_ANALYZER_USE	INT (ENUM)	1	(IBM name: WBR_URIMAP_ANALYZER_USE) Urimap analyzer program use.
zURIMAP_REDIRECT_TYPE	INT (ENUM)	1	(IBM name: WBR_URIMAP_REDIRECT_TYPE) Urimap redirection type.

zURIMAP_AUTHENTICATE	INT (ENUM)	1	(IBM name: WBR_URIMAP_AUTHENTICATE) Urimap authenticate.
zURIMAP_ENTRYPOINT	INT (ENUM)	1	(IBM name: WBR_URIMAP_ENTRYPOINT) Urimap app entry point.
zURIMAP_HOSTNAME	CHAR	116	(IBM name: WBR_URIMAP_HOSTNAME) Urimap hostname.
zURIMAP_PORT	INT	4	(IBM name: WBR_URIMAP_PORT) Urimap port.
zURIMAP_PATH	CHAR	255	(IBM name: WBR_URIMAP_PATH) Urimap path.
zURIMAP_TEMPLATENAME	CHAR	48	(IBM name: WBR_URIMAP_TEMPLATENAME) Urimap templatenamename.
zURIMAP_HFSFILE	CHAR	255	(IBM name: WBR_URIMAP_HFSFILE) Urimap hfsfile.
zURIMAP_LOCATION	CHAR	255	(IBM name: WBR_URIMAP_LOCATION) Urimap location.
zURIMAP_TRANS_ID	CHAR	4	(IBM name: WBR_URIMAP_TRANS_ID) Urimap transaction id.
zURIMAP_TCPIPSERVICE	CHAR	8	(IBM name: WBR_URIMAP_TCPIPSERVICE) Urimap tcpip service name.
zURIMAP_CONVERTER	CHAR	8	(IBM name: WBR_URIMAP_CONVERTER) Urimap converter name.
zURIMAP_PROGRAM_NAME	CHAR	8	(IBM name: WBR_URIMAP_PROGRAM_NAME) Urimap program name.
zURIMAP_WEBSERVICE	CHAR	32	(IBM name: WBR_URIMAP_WEBSERVICE) Urimap webservice name.
zURIMAP_PIPELINE	CHAR	8	(IBM name: WBR_URIMAP_PIPELINE) Urimap pipeline name.
zURIMAP_ATOMSERVICE	CHAR	8	(IBM name: WBR_URIMAP_ATOMSERVICE) Urimap atom service name.
zURIMAP_REFERENCE_COUNT	INT	4	(IBM name: WBR_URIMAP_REFERENCE_COUNT) Urimap reference count.
zURIMAP_MATCH_DISABLED	INT	4	(IBM name: WBR_URIMAP_MATCH_DISABLED) Urimap host/path match disabled.
zURIMAP_MATCH_REDIRECT	INT	4	(IBM name: WBR_URIMAP_MATCH_REDIRECT) Urimap host/path match redirect.
zURIMAP_SOCKETCLOSE	INT	4	(IBM name: WBR_URIMAP_SOCKETCLOSE) Timeout value.
zURIMAP SOCKPOOLSIZE	INT	4	(IBM name: WBR_URIMAP SOCKPOOLSIZE) Curr no. in pool.
zURIMAP SOCKPOOLSIZE PEAK	INT	4	(IBM name: WBR_URIMAP SOCKPOOLSIZE PEAK) Peak in pool.
zURIMAP SOCKETS RECLAIMED	INT	4	(IBM name: WBR_URIMAP SOCKETS RECLAIMED) Reclaimed from the pool.
zURIMAP SOCKETS TIMEDOUT	INT	4	(IBM name: WBR_URIMAP SOCKETS TIMEDOUT) Timedout while in pool.
zURIMAP_IP_ADDRESS	CHAR	39	(IBM name: WBR_URIMAP_IP_ADDRESS) Urimap IP Address.
zURIMAP_IP_FAMILY	INT (ENUM)	1	(IBM name: WBR_URIMAP_IP_FAMILY) Urimap IP Family.
zURIMAP_DEFINE_SOURCE	CHAR	8	(IBM name: WBR_URIMAP_DEFINE_SOURCE) Group installed from.
zURIMAP_CHANGE_TIME	TSTMP	8	(IBM name: WBR_URIMAP_CHANGE_TIME) Change/create time.
zURIMAP_CHANGE_USERID	CHAR	8	(IBM name: WBR_URIMAP_CHANGE_USERID) Change userid.

zURIMAP_CHANGE_AGENT	INT (ENUM)	2	(IBM name: WBR_URIMAP_CHANGE_AGENT) Change agent.
zURIMAP_INSTALL_AGENT	INT (ENUM)	2	(IBM name: WBR_URIMAP_INSTALL_AGENT) Install agent.
zURIMAP_INSTALL_TIME	TSTMP	8	(IBM name: WBR_URIMAP_INSTALL_TIME) Install/Create time.
zURIMAP_INSTALL_USERID	CHAR	8	(IBM name: WBR_URIMAP_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_PIPELINE_Resource

Field Name	Type	Len	Description
<i>SMF110#02_PIPELINE_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'PIR' => PIPELINE (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPIPELINE_NAME	CHAR	8	(IBM name: PIR_PIPELINE_NAME) Pipeline name.
zPIPELINE_MODE	INT (ENUM)	1	(IBM name: PIR_PIPELINE_MODE) Pipeline mode.
zCONFIGURATION_FILE	CHAR	255	(IBM name: PIR_CONFIGURATION_FILE) Pipeline configuration file.
zSHELF_DIRECTORY	CHAR	255	(IBM name: PIR_SHELF_DIRECTORY) Pipeline shelf directory.
zWSDIR_DIRECTORY	CHAR	255	(IBM name: PIR_WSDIR_DIRECTORY) Pipeline WSDIR pickup directory.
zPIPELINE_USE_COUNT	INT	4	(IBM name: PIR_PIPELINE_USE_COUNT) Pipeline use count.
zJSON_JAVA_PARSER	INT (ENUM)	1	(IBM name: PIR_JSON_JAVA_PARSER) Pipeline JSON parser.
zPIPELINE_DEFINE_SOURCE	CHAR	8	(IBM name: PIR_PIPELINE_DEFINE_SOURCE) Group installed from.
zPIPELINE_CHANGE_TIME	TSTMP	8	(IBM name: PIR_PIPELINE_CHANGE_TIME) Change/create time.
zPIPELINE_CHANGE_USERID	CHAR	8	(IBM name: PIR_PIPELINE_CHANGE_USERID) Change userid.
zPIPELINE_CHANGE_AGENT	INT (ENUM)	2	(IBM name: PIR_PIPELINE_CHANGE_AGENT) Change agent.
zPIPELINE_INSTALL_AGENT	INT (ENUM)	2	(IBM name: PIR_PIPELINE_INSTALL_AGENT) Install agent.
zPIPELINE_INSTALL_TIME	TSTMP	8	(IBM name: PIR_PIPELINE_INSTALL_TIME) Install/Create time.
zPIPELINE_INSTALL_USERID	CHAR	8	(IBM name: PIR_PIPELINE_INSTALL_USERID) Install userid.
zPIPELINE_MSGFORMAT	CHAR	8	(IBM name: PIR_PIPELINE_MSGFORMAT) Message format.

Secondary segment: **SMF110#02_WEBSERVICE_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_WEBSERVICE_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'PIW' => WEBSERVICE (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zWEBSERVICE_NAME	CHAR	32	(IBM name: PIW_WEBSERVICE_NAME) Webservice name.
zPROGRAM_INTERFACE	INT (ENUM)	1	(IBM name: PIW_PROGRAM_INTERFACE) Webservice program interface.
zMSG_VALIDATION	INT (ENUM)	1	(IBM name: MLR_MSG_VALIDATION) Webservice msg validation.
zPIPELINE_NAME	CHAR	8	(IBM name: PIR_PIPELINE_NAME) Webservice pipeline name.
zURIMAP_NAME	CHAR	8	(IBM name: PIW_URIMAP_NAME) Webservice urimap name.
zWSBIND_FILE	CHAR	255	(IBM name: PIW_WSBIND_FILE) Webservice WSBind file.
zWSDL_FILE	CHAR	255	(IBM name: PIW_WSDL_FILE) Webservice WSDL file.
zWSDL_BINDING	CHAR	255	(IBM name: PIW_WSDL_BINDING) Webservice WSDL binding.
zENDPOINT_URI	CHAR	255	(IBM name: PIW_ENDPOINT_URI) Webservice ENDPOINT URI.
zWEBSERVICE_PROGRAM	CHAR	8	(IBM name: PIW_WEBSERVICE_PROGRAM) Webservice program name.
zCONTAINER_NAME	CHAR	16	(IBM name: PIW_CONTAINER_NAME) Webservice container name.
zWEBSERVICE_USE_COUNT	INT	4	(IBM name: PIW_WEBSERVICE_USE_COUNT) Webservice use count.
zARCHIVE_FILE	CHAR	255	(IBM name: PIW_ARCHIVE_FILE) Webservice archive file.
zWEBSERVICE_DEFINE_SOURCE	CHAR	8	(IBM name: PIW_WEBSERVICE_DEFINE_SOURCE) Group installed from.
zWEBSERVICE_CHANGE_TIME	TSTMP	8	(IBM name: PIW_WEBSERVICE_CHANGE_TIME) Change/create time.
zWEBSERVICE_CHANGE_USERID	CHAR	8	(IBM name: PIW_WEBSERVICE_CHANGE_USERID) Change userid.
zWEBSERVICE_CHANGE_AGENT	INT (ENUM)	2	(IBM name: PIW_WEBSERVICE_CHANGE_AGENT) Change agent.
zWEBSERVICE_INSTALL_AGENT	INT (ENUM)	2	(IBM name: PIW_WEBSERVICE_INSTALL_AGENT) Install agent.
zWEBSERVICE_INSTALL_TIME	TSTMP	8	(IBM name: PIW_WEBSERVICE_INSTALL_TIME) Install/Create time.
zWEBSERVICE_INSTALL_USERID	CHAR	8	(IBM name: PIW_WEBSERVICE_INSTALL_USERID) Install userid.

Secondary segment: **SMF110#02_TCP#IP_Global**

Field Name	Type	Len	Description
<i>SMF110#02_TCP#IP_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SOG' => TCP/IP (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zMAXSOCKETS_LIMIT	INT	4	(IBM name: SOG_MAXSOCKETS_LIMIT) Maxsockets limit.
zCURR_INBOUND_SOCKETS	INT	4	(IBM name: SOG_CURR_INBOUND_SOCKETS) Current Inbound sockets.
zPEAK_INBOUND_SOCKETS	INT	4	(IBM name: SOG_PEAK_INBOUND_SOCKETS) Peak Outbound sockets.
zCURR_OUTB_SOCKETS	INT	4	(IBM name: SOG_CURR_OUTB_SOCKETS) Current Outbound sockets.
zPEAK_OUTB_SOCKETS	INT	4	(IBM name: SOG_PEAK_OUTB_SOCKETS) Peak Outbound sockets.
zCURR_PERS_OUTB_SOCKETS	INT	4	(IBM name: SOG_CURR_PERS_OUTB_SOCKETS) Current Persistent Outb sockets.
zPEAK_PERS_OUTB_SOCKETS	INT	4	(IBM name: SOG_PEAK_PERS_OUTB_SOCKETS) Peak Persistent Outb sockets.
zINB_SOCKETS_CREATED	INT	4	(IBM name: SOG_INB_SOCKETS_CREATED) Number Inbound sockets created.
zOUTB_SOCKETS_CREATED	INT	4	(IBM name: SOG_OUTB_SOCKETS_CREATED) Number Outbound sockets created.
zOUTB_SOCKETS_CLOSED	INT	4	(IBM name: SOG_OUTB_SOCKETS_CLOSED) Number of Outb sockets closed.
zTIMES_AT_MAX_SOCKETS	INT	4	(IBM name: SOG_TIMES_AT_MAX_SOCKETS) Number of times at maxsockets.
zDELAYED_AT_MAX_SOCKETS	INT	4	(IBM name: SOG_DELAYED_AT_MAX_SOCKETS) Total delayed at maxsockets.
zQTIME_AT_MAX_SOCKETS	TIME	8	(IBM name: SOG_QTIME_AT_MAX_SOCKETS) Total delay time at maxsockets.
zTIMEDOUT_AT_MAX_SOCKETS	INT	4	(IBM name: SOG_TIMEDOUT_AT_MAX_SOCKETS) Timeouts whilst at maxsockets.
zCURR_DELAYED_AT_MAX	INT	4	(IBM name: SOG_CURR_DELAYED_AT_MAX) Current delayed at maxsockets.
zPEAK_DELAYED_AT_MAX	INT	4	(IBM name: SOG_PEAK_DELAYED_AT_MAX) Peak delayed at maxsockets.
zCURRENT_QTIME_AT_MAX	TIME	8	(IBM name: SOG_CURRENT_QTIME_AT_MAX) Current delay time at maxsockets.
zSSLCACHE	INT (ENUM)	1	(IBM name: SOG_SSLCACHE) SSLCACHE setting.
zSOTUNING	INT (ENUM)	1	(IBM name: SOG_SOTUNING) Whether SOTUNING set.
zPAUSING_HTTP_LISTENING	INT (ENUM)	1	(IBM name: SOG_PAUSING_HTTP_LISTENING) Whether pausing HTTP listening.
zSTOPPING_PERSISTENCE	INT (ENUM)	1	(IBM name: SOG_STOPPING_PERSISTENCE) Whether stopping persistence.
zTIMES_AT_ACCEPT_LIMIT	INT	4	(IBM name: SOG_TIMES_AT_ACCEPT_LIMIT) Times noticed at limit.
zTIME_LAST_PAUSED_HTTP_LISTEN	TSTMP	8	

			(IBM name: N/A) Last time paused HTTP listening at accept limit.
zTIMES_STOPPED_PERSISTENT	INT	4	(IBM name: SOG_TIMES_STOPPED_PERSISTENT) Times stopped persistenc.
zTIME_LAST_STOPPED_PERSISTENT	TSTMP	8	(IBM name: SOG_TIME_LAST_STOPPED_PERSISTENT) Time last stopped pers.
zTIMES_MADE_NON_PERSISTENT	INT	4	(IBM name: SOG_TIMES_MADE_NON_PERSISTENT) Times conn made non-pers.
zTIMES_CONN_DISCON_AT_MAX	INT	4	(IBM name: N/A) Times disc conn.
zPERS_OUTBOUND_CREATED	INT	4	(IBM name: SOG_PERS_OUTBOUND_CREATED) Total pers outb sockets.
zPEAK_BOTH_OUTB_SOCKETS	INT	4	(IBM name: SOG_PEAK_BOTH_OUTB_SOCKETS) Peak outbound sockets.
zPEAK_PERS_INB_SOCKETS	INT	4	(IBM name: SOG_PEAK_PERS_INB_SOCKETS) Peak persistent inbound.
zPEAK_NPERS_INB_SOCKETS	INT	4	(IBM name: SOG_PEAK_NPERS_INB_SOCKETS) Peak non-pers inbound.
zCURR_NPERS_INB_SOCKETS	INT	4	(IBM name: SOG_CURR_NPERS_INB_SOCKETS) Current non-pers inbnd.
zNPERS_INB_SOCKETS_CREATED	INT	4	(IBM name: SOG_NPERS_INB_SOCKETS_CREATED) Total non-pers inbound.
zTIMES_OUTB_REUSED	INT	4	(IBM name: SOG_TIMES_OUTB_REUSED) Times outbound reused.

Secondary segment: **SMF110#02_TCPIP_Services_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_TCPIP_Services_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SOR' => TCPIP services (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zSERVICE_NAME	CHAR	8	(IBM name: SOR_SERVICE_NAME) TCP/IP Service name.
zTRANS_ATTACHED	INT	4	(IBM name: ISR_TRANS_ATTACHED) No. of Transactions Attached.
zCURRENT_CONNS	INT	4	(IBM name: SOR_CURRENT_CONNS) Current number of Connections.
zPEAK_CONNS	INT	4	(IBM name: SOR_PEAK_CONNS) Peak number of Connections.
zOPEN_GMT	TSTMP	8	(IBM name: SOR_OPEN_GMT) Service Open Time (GMT).
zOPEN_LOCAL	TSTMP	8	(IBM name: SOR_OPEN_LOCAL) Service Open Time (Local).
zCLOSE_GMT	TSTMP	8	(IBM name: SOR_CLOSE_GMT) Service Close Time (GMT).
zCLOSE_LOCAL	TSTMP	8	(IBM name: SOR_CLOSE_LOCAL) Service Close Time (Local).
zPORT_NUMBER	INT	2	(IBM name: ISR_PORT_NUMBER) TCP/IP Service Port Number.

zSSL_SUPPORT	INT (ENUM)	1	(IBM name: ISR_SSL_SUPPORT) TCP/IP Service SSL Support.
zBACKLOG	INT	4	(IBM name: SOR_BACKLOG) TCP/IP Service Backlog setting.
zSENDS	INT	4	(IBM name: SOR_SENDS) No. of Sends (all sockets).
zBYTES_SENT	INT	8	(IBM name: SOR_BYTES_SENT) No. of Bytes Sent (all sockets).
zRECEIVES	INT	4	(IBM name: SOR_RECEIVES) No. of Receives (all sockets).
zBYTES_RECEIVED	INT	8	(IBM name: SOR_BYTES_RECEIVED) No. of Bytes Received (all sockets).
zWLM_GROUP	CHAR	18	(IBM name: SOR_WLM_GROUP) TCP/IP Service Reserved.
zPROTOCOL	CHAR	8	(IBM name: SOR_PROTOCOL) TCP/IP Service Protocol.
zAUTHENTICATE	INT (ENUM)	1	(IBM name: SOR_AUTHENTICATE) TCP/IP Service Authenticate.
zPRIVACY	INT (ENUM)	1	(IBM name: SOR_PRIVACY) TCP/IP Service Privacy.
zATTACHSEC	INT (ENUM)	1	(IBM name: SOR_ATTACHSEC) TCP/IP Service Attachsec.
zMAXDATA_LENGTH	INT	4	(IBM name: SOR_MAXDATA_LENGTH) TCP/IP Service Maxdata length.
zTCPIPS_TRANID	CHAR	4	(IBM name: SOR_TCPIPS_TRANID) TCP/IP service Transaction ID.
zTCPIPS_URM	CHAR	8	(IBM name: SOR_TCPIPS_URM) TCP/IP service URM.
zTCPIPS_MAX_PERSIST	INT	4	(IBM name: SOR_TCPIPS_MAX_PERSIST) Maximum Persistent Connections.
zTCPIPS_NON_PERSIST	INT	4	(IBM name: SOR_TCPIPS_NON_PERSIST) No. Non-Persistent Connections.
zIP_ADDRESS	CHAR	39	(IBM name: SOR_IP_ADDRESS) IP Address of TCP/IP Service.
zIP_FAMILY	INT (ENUM)	1	(IBM name: SOR_IP_FAMILY) IP family.
zHOSTNAME	CHAR	116	(IBM name: SOR_HOSTNAME) Hostname.
zDEFINE_SOURCE	CHAR	8	(IBM name: D2R_DEFINE_SOURCE) Group installed from.
zCHANGE_TIME	TSTMP	8	(IBM name: D2R_CHANGE_TIME) Change/create time.
zCHANGE_USERID	CHAR	8	(IBM name: D2R_CHANGE_USERID) Change userid.
zCHANGE_AGENT	INT (ENUM)	2	(IBM name: D2R_CHANGE_AGENT) Change agent.
zINSTALL_AGENT	INT (ENUM)	2	(IBM name: D2R_INSTALL_AGENT) Install agent.
zINSTALL_TIME	TSTMP	8	(IBM name: D2R_INSTALL_TIME) Install/Create time.
zINSTALL_USERID	CHAR	8	(IBM name: D2R_INSTALL_USERID) Install userid.
zTOTAL_CONNS	INT	4	(IBM name: SOR_TOTAL_CONNS) Total no. connections.
zNONP_AT_MAXPERSIST	INT	4	(IBM name: SOR_NONP_AT_MAXPERSIST) No. made non-persistent because MAXPERSIST was reached.

zNONP_AT_TASK_LIMIT	INT	4	(IBM name: SOR_NONP_AT_TASK_LIMIT) No. new connections made non-pers when task limit exceeded.
zDISC_AT_TASK_LIMIT	INT	4	(IBM name: SOR_DISC_AT_TASK_LIMIT) No. existing conns disconnected when task limit exceeded.
zDISC_AT_MAX_USES	INT	4	(IBM name: SOR_DISC_AT_MAX_USES) No. connections disconnected when its no. uses exceeded limit.
zCURR_BACKLOG	INT	4	(IBM name: SOR_CURR_BACKLOG) Current backlog q depth.
zCONNS_DROPPED	INT	4	(IBM name: SOR_CONNS_DROPPED) No. connections dropped.
zCONN_LAST_DROPPED	TSTMP	8	(IBM name: SOR_CONN_LAST_DROPPED) Date/time conn last dropped.
zCURR_MAX_BACKLOG	INT	4	(IBM name: SOR_CURR_MAX_BACKLOG) Backlog currently in use.
zREQUESTS	INT	4	(IBM name: SOR_REQUESTS) No. requests processed.

Secondary segment: SMF110#02_IPCONN_Resource

Field Name	Type	Len	Description
<i>SMF110#02_IPCONN_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'ISR' => IPCONN (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zIPCONN_NAME	CHAR	8	(IBM name: ISR_IPCONN_NAME) IPCONN name.
zAPPLID	CHAR	8	(IBM name: ISR_APPLID) IPCONN applid.
zNETWORK_ID	CHAR	8	(IBM name: ISR_NETWORK_ID) IPCONN network id.
zHOST_NAME	CHAR	116	(IBM name: ISR_HOST_NAME) IPCONN Host name.
zPORT_NUMBER	INT	4	(IBM name: ISR_PORT_NUMBER) IPCONN port number.
zSSL_SUPPORT	INT (ENUM)	1	(IBM name: ISR_SSL_SUPPORT) IPCONN SSL Support.
zUSERAUTH	INT (ENUM)	1	IPCONN SSL Support.
zLINKAUTH	INT (ENUM)	1	IPCONN SSL Support.
zMIRRORLIFE	INT (ENUM)	1	(IBM name: ISR_MIRRORLIFE) IPCONN Mirrorlife.
zTCPIP_SERVICE	CHAR	8	(IBM name: ISR_TCPIP_SERVICE) IPCONN Tcpi service.
zFS_TS_REQUESTS	INT	4	(IBM name: ISR_FS_TS_REQUESTS) FS Temporary Storage (TS) reqs.
zFS_TS_BYTES_SENT	INT	8	(IBM name: ISR_FS_TS_BYTES_SENT) FS TS reqs bytes sent.
zFS_TS_BYTES_RECEIVED	INT	8	(IBM name: ISR_FS_TS_BYTES_RECEIVED) FS TS reqs bytes received.

zIPCONN_GMT_CREATE_TIME	TSTMP	8	(IBM name: ISR_IPCONN_GMT_CREATE_TIME) AI IPCONN create time - GMT.
zIPCONN_CREATE_TIME	TSTMP	8	(IBM name: ISR_IPCONN_CREATE_TIME) AI IPCONN create time - Local.
zIPCONN_GMT_DELETE_TIME	TSTMP	8	(IBM name: ISR_IPCONN_GMT_DELETE_TIME) AI IPCONN delete time - GMT.
zIPCONN_DELETE_TIME	TSTMP	8	(IBM name: ISR_IPCONN_DELETE_TIME) AI IPCONN delete time - Local.
zSEND_SESSIONS	INT	4	(IBM name: ISR_SEND_SESSIONS) Send sessions.
zCURRENT_SEND_SESSIONS	INT	4	(IBM name: ISR_CURRENT_SEND_SESSIONS) Current send sessions.
zPEAK_SEND_SESSIONS	INT	4	(IBM name: ISR_PEAK_SEND_SESSIONS) Peak send sessions.
zRECEIVE_SESSIONS	INT	4	(IBM name: ISR_RECEIVE_SESSIONS) Receive sessions.
zCURRENT_RECEIVE_SESSIONS	INT	4	(IBM name: ISR_CURRENT_RECEIVE_SESSIONS) Current receive sessions.
zPEAK_RECEIVE_SESSIONS	INT	4	(IBM name: ISR_PEAK_RECEIVE_SESSIONS) Peak receive sessions.
zTR_REQUESTS	INT	4	(IBM name: ISR_TR_REQUESTS) Transaction Routing (TR) reqs.
zTR_BYTES_SENT	INT	8	(IBM name: ISR_TR_BYTES_SENT) TR reqs bytes sent.
zTR_BYTES_RECEIVED	INT	8	(IBM name: ISR_TR_BYTES_RECEIVED) TR reqs bytes received.
zTOTAL_ALLOCATES	INT	4	(IBM name: ISR_TOTAL_ALLOCATES) IPCONN total allocates.
zCURRENT_QUEUED_ALLOCATES	INT	4	(IBM name: ISR_CURRENT_QUEUED_ALLOCATES) Current queued allocates.
zPEAK_QUEUED_ALLOCATES	INT	4	(IBM name: ISR_PEAK_QUEUED_ALLOCATES) Peak queued allocates.
zALLOCATES_FAILED_LINK	INT	4	(IBM name: ISR_ALLOCATES_FAILED_LINK) Failed allocates - Link.
zALLOCATES_FAILED_OTHER	INT	4	(IBM name: ISR_ALLOCATES_FAILED_OTHER) Failed allocates - Other.
zFS_TD_REQUESTS	INT	4	(IBM name: ISR_FS_TD_REQUESTS) FS Transient Data (TD) reqs.
zFS_TD_BYTES_SENT	INT	8	(IBM name: ISR_FS_TD_BYTES_SENT) FS TD reqs bytes sent.
zFS_TD_BYTES_RECEIVED	INT	8	(IBM name: ISR_FS_TD_BYTES_RECEIVED) FS TD reqs bytes received.
zALLOCATE_QUEUE_LIMIT	INT	4	(IBM name: ISR_ALLOCATE_QUEUE_LIMIT) Allocate queue limit.
zQLIMIT_ALLOC_REJECTS	INT	4	(IBM name: ISR_QLIMIT_ALLOC_REJECTS) Queue limit allocate rejects.
zMAX_QUEUE_TIME	INT	4	(IBM name: ISR_MAX_QUEUE_TIME) Max queue time.
zMAXQTIME_ALLOC_QPURGES	INT	4	(IBM name: ISR_MAXQTIME_ALLOC_QPURGES) Maxqtime allocate qpurges.
zMAXQTIME_ALLOCS_PURGED	INT	4	(IBM name: ISR_MAXQTIME_ALLOCS_PURGED) Maxqtime allocates purged.
zXISQUE_ALLOC_REJECTS	INT	4	(IBM name: ISR_XISQUE_ALLOC_REJECTS) Xisque allocate rejects.
zXISQUE_ALLOC_QPURGES	INT	4	(IBM name: ISR_XISQUE_ALLOC_QPURGES) Xisque allocate qpurges.

zXISQUE_ALLOCS_PURGED	INT	4	(IBM name: ISR_XISQUE_ALLOCS_PURGED) Xisque allocates purged.
zTRANS_ATTACHED	INT	4	(IBM name: ISR_TRANS_ATTACHED) No. transactions attached.
zREMOTE_TERM_STARTS	INT	4	(IBM name: ISR_REMOTE_TERM_STARTS) Remote terminal starts.
zUNSUPPORTED_REQUESTS	INT	4	(IBM name: ISR_UNSUPPORTED_REQUESTS) Unsupported requests.
zFS_PG_REQUESTS	INT	4	(IBM name: ISR_FS_PG_REQUESTS) Function Shipped Program reqs.
zFS_PG_BYTES_SENT	INT	8	(IBM name: ISR_FS_PG_BYTES_SENT) FS Program reqs bytes sent.
zFS_PG_BYTES_RECEIVED	INT	8	(IBM name: ISR_FS_PG_BYTES_RECEIVED) FS Program reqs bytes received.
zFS_IC_REQUESTS	INT	4	(IBM name: ISR_FS_IC_REQUESTS) FS Interval Control (IC) reqs.
zFS_IC_BYTES_SENT	INT	8	(IBM name: ISR_FS_IC_BYTES_SENT) FS IC reqs bytes sent.
zFS_IC_BYTES_RECEIVED	INT	8	(IBM name: ISR_FS_IC_BYTES_RECEIVED) FS IC reqs bytes received.
zIPCONN_IP_ADDRESS	CHAR	39	(IBM name: ISR_IPCONN_IP_ADDRESS) IP Resolved Address.
zIPCONN_IP_FAMILY	INT (ENUM)	1	(IBM name: ISR_IPCONN_IP_FAMILY) IP family.
zIPCONN_DEFINE_SOURCE	CHAR	8	(IBM name: ISR_IPCONN_DEFINE_SOURCE) Group installed from.
zIPCONN_CHANGE_TIME	TSTMP	8	(IBM name: ISR_IPCONN_CHANGE_TIME) Change/create time.
zIPCONN_CHANGE_USERID	CHAR	8	(IBM name: ISR_IPCONN_CHANGE_USERID) Change userid.
zIPCONN_CHANGE_AGENT	INT (ENUM)	2	(IBM name: ISR_IPCONN_CHANGE_AGENT) Change agent.
zIPCONN_INSTALL_AGENT	INT (ENUM)	2	(IBM name: ISR_IPCONN_INSTALL_AGENT) Install agent.
zIPCONN_INSTALL_TIME	TSTMP	8	(IBM name: ISR_IPCONN_INSTALL_TIME) Install/Create time.
zIPCONN_INSTALL_USERID	CHAR	8	(IBM name: ISR_IPCONN_INSTALL_USERID) Install userid.
zFS_FC_REQUESTS	INT	4	(IBM name: ISR_FS_FC_REQUESTS) FS File Control (FC) reqs.
zFS_FC_BYTES_SENT	INT	8	(IBM name: ISR_FS_FC_BYTES_SENT) FS FC reqs bytes sent.
zFS_FC_BYTES_RECEIVED	INT	8	(IBM name: ISR_FS_FC_BYTES_RECEIVED) FS FC reqs bytes received.

Secondary segment: SMF110#02_ATOMSERVICE_Resource

Field Name	Type	Len	Description
SMF110#02_ATOMSERVICE_Resource.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'W2R' => ATOMSERVICE (resource) statistics.

zVERS	INT	1	(IBM name: N/A) Statistics record version.
zATOMSERV_NAME	CHAR	8	(IBM name: W2R_ATOMSERV_NAME) Atomservice name.
zATOMSERV_TYPE	INT (ENUM)	1	(IBM name: W2R_ATOMSERV_TYPE) Atomservice type.
zATOMSERV_BINDING_FILE	CHAR	255	(IBM name: W2R_ATOMSERV_BINDING_FILE) Atomservice binding file.
zATOMSERV_CONFIG_FILE	CHAR	255	(IBM name: W2R_ATOMSERV_CONFIG_FILE) Atomservice configuration file.
zATOMSERV_RESTYPE	INT (ENUM)	1	(IBM name: W2R_ATOMSERV_RESTYPE) Atomservice resource type.
zATOMSERV_RESNAME	CHAR	16	(IBM name: W2R_ATOMSERV_RESNAME) Atomservice resource name.
zATOMSERV_REF_COUNT	INT	4	(IBM name: W2R_ATOMSERV_REF_COUNT) Reference count.
zATOMSERV_REF_DISABLED	INT	4	(IBM name: W2R_ATOMSERV_REF_DISABLED) Reference disabled.
zATOMSERV_POST_FEED_CNT	INT	4	(IBM name: W2R_ATOMSERV_POST_FEED_CNT) POST issued for feed.
zATOMSERV_GET_FEED_CNT	INT	4	(IBM name: W2R_ATOMSERV_GET_FEED_CNT) GET issued for feed.
zATOMSERV_GET_ENTRY_CNT	INT	4	(IBM name: W2R_ATOMSERV_GET_ENTRY_CNT) GET issued for entry.
zATOMSERV_PUT_ENTRY_CNT	INT	4	(IBM name: W2R_ATOMSERV_PUT_ENTRY_CNT) PUT issued for entry.
zATOMSERV_DEL_ENTRY_CNT	INT	4	(IBM name: W2R_ATOMSERV_DEL_ENTRY_CNT) DELETE issued for entry.
zATOMSERV_DEFINE_SOURCE	CHAR	8	(IBM name: W2R_ATOMSERV_DEFINE_SOURCE) Group installed from.
zATOMSERV_CHANGE_TIME	TSTMP	8	(IBM name: W2R_ATOMSERV_CHANGE_TIME) Change/create time.
zATOMSERV_CHANGE_USERID	CHAR	8	(IBM name: W2R_ATOMSERV_CHANGE_USERID) Change userid.
zATOMSERV_CHANGE_AGENT	INT (ENUM)	2	(IBM name: W2R_ATOMSERV_CHANGE_AGENT) Change agent.
zATOMSERV_INSTALL_AGENT	INT (ENUM)	2	(IBM name: W2R_ATOMSERV_INSTALL_AGENT) Install agent.
zATOMSERV_INSTALL_TIME	TSTMP	8	(IBM name: W2R_ATOMSERV_INSTALL_TIME) Install/Create time.
zATOMSERV_INSTALL_USERID	CHAR	8	(IBM name: W2R_ATOMSERV_INSTALL_USERID) Install userid.
zATOMSERV_URIMAP	CHAR	8	(IBM name: W2R_ATOMSERV_URIMAP) URIMAP.
zATOMSERV_XMLTRANSFORM	CHAR	32	(IBM name: W2R_ATOMSERV_XMLTRANSFORM) XMLTRANSFORM.

Secondary segment: SMF110#02_DOCTEMPLATE_Resource

Field Name	Type	Len	Description
SMF110#02_DOCTEMPLATE_Resource.<fieldname>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.

zID	INT (ENUM)	2	(IBM name: N/A) 'DHD' => DOCTEMPLATE (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zDOCTEMPLATE_NAME	CHAR	8	(IBM name: DHD_DOCTEMPLATE_NAME) Doctemplate name.
zTEMPLATE_TYPE	INT (ENUM)	1	(IBM name: DHD_TEMPLATE_TYPE) Doctemplate type.
zAPPEND_CRLF	INT (ENUM)	1	(IBM name: DHD_APPEND_CRLF) Doctemplate append crlf.
zTEMPLATE_CONTENTS	INT (ENUM)	1	(IBM name: DHD_TEMPLATE_CONTENTS) Doctemplate contents.
zTEMPLATE_NAME	CHAR	48	(IBM name: DHD_TEMPLATE_NAME) Doctemplate template name.
zTEMPLATE_EXIT_PROGRAM	CHAR	8	(IBM name: DHD_TEMPLATE_EXIT_PROGRAM) Template exit program name.
zTEMPLATE_FILE_NAME	CHAR	8	(IBM name: DHD_TEMPLATE_FILE_NAME) Template file name.
zTEMPLATE_PROGRAM_NAME	CHAR	8	(IBM name: DHD_TEMPLATE_PROGRAM_NAME) Template program name.
zTEMPLATE_PDS_MEMBER	CHAR	8	(IBM name: DHD_TEMPLATE_PDS_MEMBER) Template PDS member.
zTEMPLATE_PDS_DDNAME	CHAR	8	(IBM name: DHD_TEMPLATE_PDS_DDNAME) Template PDS ddname.
zTEMPLATE_PDS_DSNAME	CHAR	44	(IBM name: DHD_TEMPLATE_PDS_DSNAME) Template PDS dsname.
zTEMPLATE_TDQUEUE_NAME	CHAR	4	(IBM name: DHD_TEMPLATE_TDQUEUE_NAME) Template tdqueue name.
zTEMPLATE_TSQUEUE_NAME	CHAR	16	(IBM name: DHD_TEMPLATE_TSQUEUE_NAME) Template tsqueue name.
zTEMPLATE_HFSFILE_NAME	CHAR	255	(IBM name: DHD_TEMPLATE_HFSFILE_NAME) Template hfsfile name.
zTEMPLATE_CACHE_SIZE	INT	4	(IBM name: DHD_TEMPLATE_CACHE_SIZE) Template cache size.
zTEMPLATE_USE_COUNT	INT	4	(IBM name: DHD_TEMPLATE_USE_COUNT) Template use count.
zTEMPLATE_NEWCOPIES	INT	4	(IBM name: DHD_TEMPLATE_NEWCOPIES) Template newcopy count.
zTEMPLATE_READ_COUNT	INT	4	(IBM name: DHD_TEMPLATE_READ_COUNT) Template read count.
zTEMPLATE_CACHE_USED	INT	4	(IBM name: DHD_TEMPLATE_CACHE_USED) Template cache copy used.
zTEMPLATE_CACHE_DELETED	INT	4	(IBM name: DHD_TEMPLATE_CACHE_DELETED) Template cache deleted.
zTEMPLATE_DEFINE_SOURCE	CHAR	8	(IBM name: DHD_TEMPLATE_DEFINE_SOURCE) Group installed from.
zTEMPLATE_CHANGE_TIME	TSTMP	8	(IBM name: DHD_TEMPLATE_CHANGE_TIME) Change/create time.
zTEMPLATE_CHANGE_USERID	CHAR	8	(IBM name: DHD_TEMPLATE_CHANGE_USERID) Change userid.
zTEMPLATE_CHANGE_AGENT	INT (ENUM)	2	(IBM name: DHD_TEMPLATE_CHANGE_AGENT) Change agent.
zTEMPLATE_INSTALL_AGENT	INT (ENUM)	2	(IBM name: DHD_TEMPLATE_INSTALL_AGENT) Install agent.
zTEMPLATE_INSTALL_TIME	TSTMP	8	(IBM name: DHD_TEMPLATE_INSTALL_TIME) Install/Create time.

zTEMPLATE_INSTALL_USERID	CHAR	8	(IBM name: DHD_TEMPLATE_INSTALL_USERID) Install userid.
--------------------------	------	---	--

Secondary segment: **SMF110#02_XMLTRANSFORM_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_XMLTRANSFORM_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'MLR' => XMLTRANSFORM (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zXMLTRANSFORM_NAME	CHAR	32	(IBM name: MLR_XMLTRANSFORM_NAME) Xmltransform name.
zMSG_VALIDATION	INT (ENUM)	1	(IBM name: MLR_MSG_VALIDATION) Xmltransform msg validation.
zXSDBIND_FILE	CHAR	255	(IBM name: MLR_XSDBIND_FILE) XML binding file.
zXMLSCHEMA_FILE	CHAR	255	(IBM name: MLR_XMLSCHEMA_FILE) XML schema file.
zXMLTRNFM_USE_COUNT	INT	4	(IBM name: MLR_XMLTRNFM_USE_COUNT) Xmltransform use count.
zXMLTRNFM_DEFINE_SOURCE	CHAR	8	(IBM name: MLR_XMLTRNFM_DEFINE_SOURCE) Group installed from.
zXMLTRNFM_CHANGE_TIME	TSTMP	8	(IBM name: MLR_XMLTRNFM_CHANGE_TIME) Change/create time.
zXMLTRNFM_CHANGE_USERID	CHAR	8	(IBM name: MLR_XMLTRNFM_CHANGE_USERID) Change userid.
zXMLTRNFM_CHANGE_AGENT	INT (ENUM)	2	(IBM name: MLR_XMLTRNFM_CHANGE_AGENT) Change agent.
zXMLTRNFM_INSTALL_AGENT	INT (ENUM)	2	(IBM name: MLR_XMLTRNFM_INSTALL_AGENT) Install agent.
zXMLTRNFM_INSTALL_TIME	TSTMP	8	(IBM name: MLR_XMLTRNFM_INSTALL_TIME) Install/Create time.
zXMLTRNFM_INSTALL_USERID	CHAR	8	(IBM name: MLR_XMLTRNFM_INSTALL_USERID) Install userid.

Secondary segment: **SMF110#02_JVMSEVER_Stats_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_JVMSEVER_Stats_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'SJS' => JVMSEVER (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zJVMSEVER_NAME	CHAR	8	

			(IBM name: SJS_JVMSEVER_NAME) JVMSEVER name.
zJVMSEVER_JVMPROFILE	CHAR	8	(IBM name: SJS_JVMSEVER_JVMPROFILE) JVMSEVER JVMPROFILE.
zJVMSEVER_LE_RUNOPTS	CHAR	8	(IBM name: SJS_JVMSEVER_LE_RUNOPTS) JVMSEVER LE RUNOPTS.
zJVMSEVER_USE_COUNT	INT	4	(IBM name: SJS_JVMSEVER_USE_COUNT) JVMSEVER use count.
zJVMSEVER_STATE	INT (ENUM)	1	(IBM name: SJS_JVMSEVER_STATE) JVMSEVER state.
zJVMSEVER_THREAD_LIMIT	INT	4	(IBM name: SJS_JVMSEVER_THREAD_LIMIT) Max no. threads.
zJVMSEVER_THREAD_CURRENT	INT	4	(IBM name: SJS_JVMSEVER_THREAD_CURRENT) Current threads.
zJVMSEVER_THREAD_HWM	INT	4	(IBM name: SJS_JVMSEVER_THREAD_HWM) Peak threads.
zJVMSEVER_THREAD_WAITS	INT	4	(IBM name: SJS_JVMSEVER_THREAD_WAITS) No. thread waits.
zJVMSEVER_THREAD_WAIT_TIME	TIME	8	(IBM name: SJS_JVMSEVER_THREAD_WAIT_TIME) Total thread wait time.
zJVMSEVER_THREAD_WAIT_CUR	INT	4	(IBM name: SJS_JVMSEVER_THREAD_WAIT_CUR) Current waiting threads.
zJVMSEVER_THREAD_WAIT_HWM	INT	4	(IBM name: SJS_JVMSEVER_THREAD_WAIT_HWM) Peak waiting threads.
zJVMSEVER_DEFINE_SOURCE	CHAR	8	(IBM name: SJS_JVMSEVER_DEFINE_SOURCE) Group installed from.
zJVMSEVER_CHANGE_TIME	TSTMP	8	(IBM name: SJS_JVMSEVER_CHANGE_TIME) Change/create time.
zJVMSEVER_CHANGE_USERID	CHAR	8	(IBM name: SJS_JVMSEVER_CHANGE_USERID) Change userid.
zJVMSEVER_CHANGE_AGENT	INT (ENUM)	2	(IBM name: SJS_JVMSEVER_CHANGE_AGENT) Change agent.
zJVMSEVER_INSTALL_AGENT	INT (ENUM)	2	(IBM name: SJS_JVMSEVER_INSTALL_AGENT) Install agent.
zJVMSEVER_INSTALL_TIME	TSTMP	8	(IBM name: SJS_JVMSEVER_INSTALL_TIME) Install/Create time.
zJVMSEVER_INSTALL_USERID	CHAR	8	(IBM name: SJS_JVMSEVER_INSTALL_USERID) Install userid.
zJVMSEVER_SYS_USE_COUNT	INT	4	(IBM name: SJS_JVMSEVER_SYS_USE_COUNT) System thread use-count.
zJVMSEVER_SYS_WAITED	INT	4	(IBM name: SJS_JVMSEVER_SYS_WAITED) No. waited on sys thrd.
zJVMSEVER_SYS_WAITED_TIME	TIME	8	(IBM name: SJS_JVMSEVER_SYS_WAITED_TIME) Total time waited.
zJVMSEVER_SYS_WAIT_CUR	INT	4	(IBM name: SJS_JVMSEVER_SYS_WAIT_CUR) No. waiting on sys thrd.
zJVMSEVER_SYS_WAIT_HWM	INT	4	(IBM name: SJS_JVMSEVER_SYS_WAIT_HWM) Peak waiting on sys thrd.
zJVMSEVER_JVM_CREATION_GMT	TSTMP	8	(IBM name: SJS_JVMSEVER_JVM_CREATION_GMT) JVM creation time GMT.
zJVMSEVER_JVM_CREATION_LCL	TSTMP	8	(IBM name: SJS_JVMSEVER_JVM_CREATION_LCL) JVM creation LOCAL.
zJVMSEVER_CURRENT_HEAP	INT	8	(IBM name: SJS_JVMSEVER_CURRENT_HEAP) Current heap.
zJVMSEVER_INITIAL_HEAP	INT	8	(IBM name: SJS_JVMSEVER_INITIAL_HEAP) Initial heap.

zJVMSERVER_MAX_HEAP	INT	8	(IBM name: SJS_JVMSERVER_MAX_HEAP) Max heap.
zJVMSERVER_PEAK_HEAP	INT	8	(IBM name: SJS_JVMSERVER_PEAK_HEAP) Peak heap.
zJVMSERVER_OCCUPANCY	INT	8	(IBM name: SJS_JVMSERVER_OCCUPANCY) Heap Occupancy.
zJVMSERVER_GC_POLICY	CHAR	32	(IBM name: SJS_JVMSERVER_GC_POLICY) GC Policy.
zJVMSERVER_MJR_GC_EVENTS	INT	4	(IBM name: SJS_JVMSERVER_MJR_GC_EVENTS) No. major GC collections.
zJVMSERVER_MJR_GC_CPU	TIME	8	(IBM name: SJS_JVMSERVER_MJR_GC_CPU) Elapsed time in major GC.
zJVMSERVER_MJR_HEAP_FREED	INT	8	(IBM name: SJS_JVMSERVER_MJR_HEAP_FREED) Storage freed by GC.
zJVMSERVER_MNR_GC_EVENTS	INT	4	(IBM name: SJS_JVMSERVER_MNR_GC_EVENTS) No. minor collections.
zJVMSERVER_MNR_GC_CPU	TIME	8	(IBM name: SJS_JVMSERVER_MNR_GC_CPU) Elapsed time in minor GC.
zJVMSERVER_MNR_HEAP_FREED	INT	8	(IBM name: SJS_JVMSERVER_MNR_HEAP_FREED) Storage freed by GC.

Secondary segment: SMF110#02_JVMPROGRAM_Stats_Resource

Field Name	Type	Len	Description
<i>SMF110#02_JVMPROGRAM_Stats_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'PGR' => JVMPROGRAM (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zJVMPROGRAM_NAME	CHAR	8	(IBM name: PGP_JVMPROGRAM_NAME) Jvmprogram Name.
zJVMPROGRAM_ENTRYPOINT	INT (ENUM)	1	(IBM name: PGP_JVMPROGRAM_ENTRYPOINT) Application Entry Point.
zJVMPROGRAM_USECOUNT	INT	4	(IBM name: PGP_JVMPROGRAM_USECOUNT) Jvmprogram Use count.
zJVMPROGRAM_EXEC_KEY	INT (ENUM)	1	(IBM name: PGP_JVMPROGRAM_EXEC_KEY) Jvmprogram CICS/USER key.
zJVMPROGRAM_JVMCLASS	CHAR	255	(IBM name: PGP_JVMPROGRAM_JVMCLASS) Jvmprogram Jvmclass name.
zJVMPROGRAM_SERVER	CHAR	8	(IBM name: PGP_JVMPROGRAM_SERVER) Jvmserver Name.

Secondary segment: SMF110#02_PROGRAMDEF_Stats_Resource

Field Name	Type	Len	Description
<i>SMF110#02_PROGRAMDEF_Stats_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the

			data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'PGD' => PROGRAMDEF (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPROGRAM_NAME	CHAR	8	(IBM name: PGD_PROGRAM_NAME) Program Name.
zPROGRAM_TYPE	INT (ENUM)	1	(IBM name: PGD_PROGRAM_TYPE) Program Type.
zPROGRAM_EXEC_KEY	INT (ENUM)	1	(IBM name: PGD_PROGRAM_EXEC_KEY) Program CICS/USER key.
zPROGRAM_DATA_LOC	INT (ENUM)	1	(IBM name: PGD_PROGRAM_DATA_LOC) Program Data Location.
zPROGRAM_EXECUTION_SET	INT	1	(IBM name: PGD_PROGRAM_EXECUTION_SET) Program Execution Set.
zPROGRAM_LANG_DEDUCED	INT (ENUM)	1	(IBM name: PGD_PROGRAM_LANG_DEDUCED) Program Language Deduced.
zPROGRAM_LANGUAGE	INT (ENUM)	1	(IBM name: PGD_PROGRAM_LANGUAGE) Program Language.
zPROGRAM_RUNTIME_ENV	INT (ENUM)	1	(IBM name: PGD_PROGRAM_RUNTIME_ENV) Program Runtime Environment.
zPROGRAM_CONCURRENCY	INT (ENUM)	1	(IBM name: PGD_PROGRAM_CONCURRENCY) Program Concurrency.
zPROGRAM_API	INT (ENUM)	1	(IBM name: PGD_PROGRAM_API) Program API.
zPROGRAM_REMOTE	INT (ENUM)	1	(IBM name: PGD_PROGRAM_REMOTE) Program Remote.
zPROGRAM_DYNAMIC	INT (ENUM)	1	(IBM name: PGD_PROGRAM_DYNAMIC) Program Dynamic.
zPROGRAM_JVM	INT (ENUM)	1	(IBM name: PGD_PROGRAM_JVM) Program JVM.
zPROGRAM_ENTRYPOINT	INT (ENUM)	1	(IBM name: PGD_PROGRAM_ENTRYPOINT) Application Entry Point.
zPROGRAM_REMOTE_NAME	CHAR	8	(IBM name: PGD_PROGRAM_REMOTE_NAME) Remote Program name.
zPROGRAM_TRAN_ID	CHAR	4	(IBM name: PGD_PROGRAM_TRAN_ID) Remote Transaction ID.
zPROGRAM_REMOTE_SYSID	CHAR	4	(IBM name: PGD_PROGRAM_REMOTE_SYSID) Remote System name.
zPROGRAM_JVMSERVER	CHAR	8	(IBM name: PGD_PROGRAM_JVMSERVER) Program JVM server Name.
zPROGRAM_DEFINE_SOURCE	CHAR	8	(IBM name: PGD_PROGRAM_DEFINE_SOURCE) Group installed from.
zPROGRAM_CHANGE_TIME	TSTMP	8	(IBM name: PGD_PROGRAM_CHANGE_TIME) Change/create time.
zPROGRAM_CHANGE_USERID	CHAR	8	(IBM name: PGD_PROGRAM_CHANGE_USERID) Change userid.
zPROGRAM_CHANGE_AGENT	INT (ENUM)	2	(IBM name: PGD_PROGRAM_CHANGE_AGENT) Change agent.
zPROGRAM_INSTALL_AGENT	INT (ENUM)	2	(IBM name: PGD_PROGRAM_INSTALL_AGENT) Install agent.
zPROGRAM_INSTALL_TIME	TSTMP	8	(IBM name: PGD_PROGRAM_INSTALL_TIME) Install/Create time.
zPROGRAM_INSTALL_USERID	CHAR	8	(IBM name: PGD_PROGRAM_INSTALL_USERID) Install userid.

Secondary segment: **SMF110#02_EVENTBINDINGS_Global**

Field Name	Type	Len	Description
<i>SMF110#02_EVENTBINDINGS_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'ECG' => EVENTBINDINGS (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zEB_EVENT_FILTER_OPS	INT	8	(IBM name: ECG_EB_EVENT_FILTER_OPS) Total event filtering operations.
zEB_EVENTS_CAPTURED	INT	8	(IBM name: ECG_EB_EVENTS_CAPTURED) Total events captured.
zEB_EVENTS_DISABLED	INT	4	(IBM name: ECG_EB_EVENTS_DISABLED) Events with disabled eventbinding.
zSYS_EVENTS_CAPTURED	INT	8	(IBM name: ECG_SYS_EVENTS_CAPTURED) Total system events captured.
zFILTER_OPS_FAILED	INT	4	(IBM name: ECG_FILTER_OPS_FAILED) No. filter operations failed.
zCAPTURE_OPS_FAILED	INT	4	(IBM name: ECG_CAPTURE_OPS_FAILED) No. capture operations failed.
zEVENTS_LOST_CONFIG	INT	4	(IBM name: ECG_EVENTS_LOST_CONFIG) Retired - do not reuse.
zEVENTS_LOST_OTHER	INT	4	(IBM name: ECG_EVENTS_LOST_OTHER) Retired - do not reuse.

Secondary segment: **SMF110#02_EVENTBINDINGS_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_EVENTBINDINGS_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'ECR' => EVENTBINDINGS (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zEVENTBINDING_NAME	CHAR	32	(IBM name: ECR_EVENTBINDING_NAME) Eventbinding name.
zEPADAPTER_NAME	CHAR	32	(IBM name: ECR_EPADAPTER_NAME) EP adapter name.
zEB_DEFINE_SOURCE	CHAR	8	(IBM name: ECR_EB_DEFINE_SOURCE) Group installed from.
zEB_CHANGE_TIME	TSTMP	8	(IBM name: ECR_EB_CHANGE_TIME) Change/create time.
zEB_CHANGE_USERID	CHAR	8	(IBM name: ECR_EB_CHANGE_USERID) Change userid.
zEB_CHANGE_AGENT		2	

	INT (ENUM)		(IBM name: ECR_EB_CHANGE_AGENT) Change agent.
zEB_INSTALL_AGENT	INT (ENUM)	2	(IBM name: ECR_EB_INSTALL_AGENT) Install agent.
zEB_INSTALL_TIME	TSTMP	8	(IBM name: ECR_EB_INSTALL_TIME) Install/Create time.
zEB_INSTALL_USERID	CHAR	8	(IBM name: ECR_EB_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_EVENTPROCESS_Global

Field Name	Type	Len	Description
<i>SMF110#02_EVENTPROCESS_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'EPG' => EVENTPROCESS (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPUT_EVENTS	INT	4	(IBM name: EPG_PUT_EVENTS) Put Events.
zCOMMIT_FORWARD_EVENTS	INT	4	(IBM name: EPG_COMMIT_FORWARD_EVENTS) Commit forward async events.
zCOMMIT_BACKWARD_EVENTS	INT	4	(IBM name: EPG_COMMIT_BACKWARD_EVENTS) Commit backward async events.
zCURRENT_EVC_QUEUE	INT	4	(IBM name: EPG_CURRENT_EVC_QUEUE) Current event capture queue.
zPEAK_EVC_QUEUE	INT	4	(IBM name: EPG_PEAK_EVC_QUEUE) Peak event capture queue.
zCURRENT_TRANS_QUEUE	INT	4	(IBM name: EPG_CURRENT_TRANS_QUEUE) Current transactional queue.
zPEAK_TRANS_QUEUE	INT	4	(IBM name: EPG_PEAK_TRANS_QUEUE) Peak transactional queue.
zASYNC_NORMAL_EVENTS	INT	4	(IBM name: EPG_ASYNC_NORMAL_EVENTS) Async normal events.
zASYNC_PRIORITY_EVENTS	INT	4	(IBM name: EPG_ASYNC_PRIORITY_EVENTS) Async priority events.
zTRANS_EVENTS	INT	4	(IBM name: EPG_TRANS_EVENTS) Transactional events.
zTRANS_EVENTS_DISCARDED	INT	4	(IBM name: EPG_TRANS_EVENTS_DISCARDED) Transactional events disc.
zSYNC_EVENTS	INT	4	(IBM name: EPG_SYNC_EVENTS) Synchronous events.
zSYNC_EVENTS_FAILED	INT	4	(IBM name: EPG_SYNC_EVENTS_FAILED) Synchronous events failed.
zDISPATCHERS_ATTACHED	INT	4	(IBM name: EPG_DISPATCHERS_ATTACHED) Number of dispatcher attaches.
zCURRENT_DISPATCHERS	INT	4	(IBM name: EPG_CURRENT_DISPATCHERS) Current dispatcher tasks.
zPEAK_DISPATCHERS	INT	4	(IBM name: EPG_PEAK_DISPATCHERS) Peak dispatcher tasks.
zCUSTOM_ADAPTER_EVENTS	INT	4	(IBM name: EPG_CUSTOM_ADAPTER_EVENTS) Events to Custom EP adapter.

zWMQ_ADAPTER_EVENTS	INT	4	(IBM name: EPG_WMQ_ADAPTER_EVENTS) Events to WMQ EP adapter.
zTRANS_ADAPTER_EVENTS	INT	4	(IBM name: EPG_TRANS_ADAPTER_EVENTS) Events to Trans EP adapter.
zTSQUEUE_ADAPTER_EVENTS	INT	4	(IBM name: EPG_TSQUEUE_ADAPTER_EVENTS) Events to Tsqueue adapter.
zHTTP_ADAPTER_EVENTS	INT	4	(IBM name: EPG_HTTP_ADAPTER_EVENTS) Events to HTTP adapter.
zTDQUEUE_ADAPTER_EVENTS	INT	4	(IBM name: EPG_TDQUEUE_ADAPTER_EVENTS) Events to Tdqueue adapt.
zDISPATCH_FAILURE_CONFIG	INT	4	(IBM name: EPG_DISPATCH_FAILURE_CONFIG) Events lost - config.
zDISPATCH_FAILURE_OTHER	INT	4	(IBM name: EPG_DISPATCH_FAILURE_OTHER) Events lost - other.
zADAPTER_FAILURE_CONFIG	INT	4	(IBM name: EPG_ADAPTER_FAILURE_CONFIG) Events lost - config.
zADAPTER_FAILURE_OTHER	INT	4	(IBM name: EPG_ADAPTER_FAILURE_OTHER) Events lost - other.
zEVENTS_ADAPTER_UNAVAIL	INT	4	(IBM name: EPG_EVENTS_ADAPTER_UNAVAIL) Events lost - no adapter.

Secondary segment: **SMF110#02_CAPTURESPECs_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_CAPTURESPECs_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'ECC' => CAPTURESPECs (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zEVENTBINDING_NAME	CHAR	32	(IBM name: ECR_EVENTBINDING_NAME) Eventbinding name.
zCAPTURESPEC_NAME	CHAR	32	(IBM name: N/A) Capturespec name.
zCAPTURE_POINT_TYPE	INT (ENUM)	2	(IBM name: N/A) Capturespec point type.
zCAPTURE_POINT	CHAR	25	(IBM name: N/A) Capturespec capture point.
zEVENT_NAME	CHAR	32	(IBM name: N/A) Event name.
zEVENTS_CAPTURED	INT	4	(IBM name: N/A) Total events captured.
zCAPTURE_FAILURES	INT	4	(IBM name: N/A) Number of capture failures.

Secondary segment: **SMF110#02_EPADAPTERs_Resource**

Field Name	Type	Len	Description
<i>SMF110#02_EPADAPTERs_Resource.<fieldname></i>			

zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'EPR' => EPADAPTERs (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zADAPTER_NAME	CHAR	32	(IBM name: EPR_ADAPTER_NAME) EP adapter name.
zADAPTER_TYPE	INT (ENUM)	1	(IBM name: EPR_ADAPTER_TYPE) EP adapter type.
zEMISSION_MODE	INT (ENUM)	1	(IBM name: EPR_EMISSION_MODE) Events are sync or async.
zPUT_EVENTS	INT	4	(IBM name: EPG_PUT_EVENTS) put_events for this adapter.
zADA_DEFINE_SOURCE	CHAR	8	(IBM name: EPR_ADA_DEFINE_SOURCE) Group installed from.
zADA_CHANGE_TIME	TSTMP	8	(IBM name: EPR_ADA_CHANGE_TIME) Change/create time.
zADA_CHANGE_USERID	CHAR	8	(IBM name: EPR_ADA_CHANGE_USERID) Change userid.
zADA_CHANGE_AGENT	INT (ENUM)	2	(IBM name: EPR_ADA_CHANGE_AGENT) Change agent.
zADA_INSTALL_AGENT	INT (ENUM)	2	(IBM name: EPR_ADA_INSTALL_AGENT) Install agent.
zADA_INSTALL_TIME	TSTMP	8	(IBM name: EPR_ADA_INSTALL_TIME) Install/Create time.
zADA_INSTALL_USERID	CHAR	8	(IBM name: EPR_ADA_INSTALL_USERID) Install userid.

Secondary segment: SMF110#02_POLICYS_Resource

Field Name	Type	Len	Description
<i>SMF110#02_POLICYS_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'POL' => POLICYS (resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zRest	XVCHAR	0 1	(IBM name: N/A) Raw POLICYS (Resource) data.

Secondary segment: SMF110#02_JVM_Programs_Private

Field Name	Type	Len	Description
<i>SMF110#02_JVM_Programs_Private.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.

zID	INT (ENUM)	2	(IBM name: N/A) 'PGP' => JVM programs (private) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zJVMPROGRAM_PLATFORM_NAME	CHAR	64	(IBM name: PGP_JVMPROGRAM_PLATFORM_NAME) Platform name.
zJVMPROGRAM_APPLICATION_NAME	CHAR	64	(IBM name: PGP_JVMPROGRAM_APPLICATION_NAME) Application name.
zJVMPROGRAM_APPL_MAJOR_VER	INT	4	(IBM name: PGP_JVMPROGRAM_APPL_MAJOR_VER) Application major version.
zJVMPROGRAM_APPL_MINOR_VER	INT	4	(IBM name: PGP_JVMPROGRAM_APPL_MINOR_VER) Application minor version.
zJVMPROGRAM_APPL_MICRO_VER	INT	4	(IBM name: PGP_JVMPROGRAM_APPL_MICRO_VER) Application micro version.
zJVMPROGRAM_NAME	CHAR	8	(IBM name: PGP_JVMPROGRAM_NAME) Jvmprogram Name.
zJVMPROGRAM_ENTRYPOINT	INT (ENUM)	1	(IBM name: PGP_JVMPROGRAM_ENTRYPOINT) Application Entry Point.
zJVMPROGRAM_USECOUNT	INT	4	(IBM name: PGP_JVMPROGRAM_USECOUNT) Jvmprogram Use count.
zJVMPROGRAM_EXEC_KEY	INT (ENUM)	1	(IBM name: PGP_JVMPROGRAM_EXEC_KEY) Jvmprogram CICS/USER key.
zJVMPROGRAM_JVMCLASS	CHAR	255	(IBM name: PGP_JVMPROGRAM_JVMCLASS) Jvmprogram Jvmclass name.
zJVMPROGRAM_SERVER	CHAR	8	(IBM name: PGP_JVMPROGRAM_SERVER) Jvmserver Name.
zJVMPROGRAM_OPERATION_NAME	CHAR	64	(IBM name: PGP_JVMPROGRAM_OPERATION_NAME) Operation name.

Secondary segment: SMF110#02_Program_Definitions_Private

Field Name	Type	Len	Description
<i>SMF110#02_Program_Definitions_Private.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'PGE' => Program definitions (private) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zPROGRAM_PLATFORM_NAME	CHAR	64	(IBM name: PGE_PROGRAM_PLATFORM_NAME) Platform name.
zPROGRAM_APPLICATION_NAME	CHAR	64	(IBM name: PGE_PROGRAM_APPLICATION_NAME) Application name.
zPROGRAM_APPL_MAJOR_VER	INT	4	(IBM name: PGE_PROGRAM_APPL_MAJOR_VER) Application major version.
zPROGRAM_APPL_MINOR_VER	INT	4	(IBM name: PGE_PROGRAM_APPL_MINOR_VER) Application minor version.
zPROGRAM_APPL_MICRO_VER	INT	4	(IBM name: PGE_PROGRAM_APPL_MICRO_VER) Application micro version.
zPROGRAM_NAME	CHAR	8	(IBM name: PGD_PROGRAM_NAME) Program Name.
zPROGRAM_TYPE	INT (ENUM)	1	(IBM name: PGD_PROGRAM_TYPE) Program Type.

zPROGRAM_EXEC_KEY	INT (ENUM)	1	(IBM name: PGD_PROGRAM_EXEC_KEY) Program CICS/USER key.
zPROGRAM_DATA_LOC	INT (ENUM)	1	(IBM name: PGD_PROGRAM_DATA_LOC) Program Data Location.
zPROGRAM_EXECUTION_SET	INT (ENUM)	1	(IBM name: PGD_PROGRAM_EXECUTION_SET) Program Execution Set.
zPROGRAM_LANG_DEDUCED	INT (ENUM)	1	(IBM name: PGD_PROGRAM_LANG_DEDUCED) Program Language Deduced.
zPROGRAM_LANGUAGE	INT (ENUM)	1	(IBM name: PGD_PROGRAM_LANGUAGE) Program Language.
zPROGRAM_RUNTIME_ENV	INT (ENUM)	1	(IBM name: PGD_PROGRAM_RUNTIME_ENV) Program Runtime Environment.
zPROGRAM_CONCURRENCY	INT (ENUM)	1	(IBM name: PGD_PROGRAM_CONCURRENCY) Program Concurrency.
zPROGRAM_API	INT (ENUM)	1	(IBM name: PGD_PROGRAM_API) Program API.
zPROGRAM_REMOTE	INT (ENUM)	1	(IBM name: PGD_PROGRAM_REMOTE) Program Remote.
zPROGRAM_DYNAMIC	INT (ENUM)	1	(IBM name: PGD_PROGRAM_DYNAMIC) Program Dynamic.
zPROGRAM_JVM	INT (ENUM)	1	(IBM name: PGD_PROGRAM_JVM) Program JVM.
zPROGRAM_ENTRYPOINT	INT (ENUM)	1	(IBM name: PGD_PROGRAM_ENTRYPOINT) Application Entry Point.
zPROGRAM_REMOTE_NAME	CHAR	8	(IBM name: PGD_PROGRAM_REMOTE_NAME) Remote Program name.
zPROGRAM_TRAN_ID	CHAR	4	(IBM name: PGD_PROGRAM_TRAN_ID) Remote Transaction ID.
zPROGRAM_REMOTE_SYSID	CHAR	4	(IBM name: PGD_PROGRAM_REMOTE_SYSID) Remote System name.
zPROGRAM_JVMSERVER	CHAR	8	(IBM name: PGD_PROGRAM_JVMSERVER) Program JVM server Name.
zPROGRAM_DEFINE_SOURCE	CHAR	8	(IBM name: PGD_PROGRAM_DEFINE_SOURCE) Group installed from.
zPROGRAM_CHANGE_TIME	TSTMP	8	(IBM name: PGD_PROGRAM_CHANGE_TIME) Change/create time.
zPROGRAM_CHANGE_USERID	CHAR	8	(IBM name: PGD_PROGRAM_CHANGE_USERID) Change userid.
zPROGRAM_CHANGE_AGENT	INT (ENUM)	2	(IBM name: PGD_PROGRAM_CHANGE_AGENT) Change agent.
zPROGRAM_INSTALL_AGENT	INT (ENUM)	2	(IBM name: PGD_PROGRAM_INSTALL_AGENT) Install agent.
zPROGRAM_INSTALL_TIME	TSTMP	8	(IBM name: PGD_PROGRAM_INSTALL_TIME) Install/Create time.
zPROGRAM_INSTALL_USERID	CHAR	8	(IBM name: PGD_PROGRAM_INSTALL_USERID) Install userid.
zPROGRAM_OPERATION_NAME	CHAR	64	(IBM name: PGE_PROGRAM_OPERATION_NAME) Operation name.

Secondary segment: SMF110#02_MQMONITORs_Resource

Field Name	Type	Len	Description
SMF110#02_MQMONITORs_Resource.<fieldname>			

zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'MQR' => MQMONITORs (Resource) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zName	CHAR	8	(IBM name: MQR_Name) Resource name.
zQname	CHAR	48	(IBM name: MQR_Qname) MQ Queue name.
zTranid	CHAR	4	(IBM name: MQR_Tranid) Monitor tranid.
zTasknum	DEC	4 (7,0)	(IBM name: MQR_Tasknum) Monitor task number.
zMonuserid	CHAR	8	(IBM name: MQR_Monuserid) Monitor userid.
zUserid	CHAR	8	(IBM name: MQR_Userid) Userid.
zMonstatus	INT (ENUM)	1	(IBM name: MQR_Monstatus) Monitor status.
zTOPEN	INT	4	(IBM name: MQG_TOPEN) Total number of OPEN.
zTCLOSE	INT	4	(IBM name: MQG_TCLOSE) Total number of CLOSE.
zTGET	INT	4	(IBM name: MQG_TGET) Total number of GET.
zTGETWAIT	INT	4	(IBM name: MQG_TGETWAIT) Total number of GETWAIT.
zTPUT	INT	4	(IBM name: MQG_TPUT) Total number of PUT.
zTPUT1	INT	4	(IBM name: MQG_TPUT1) Total number of PUT1.
zTINQ	INT	4	(IBM name: MQG_TINQ) Total number of INQ.
zTINQL	INT	4	(IBM name: MQR_TINQL) Total number of INQL.
zTSET	INT	4	(IBM name: MQG_TSET) Total number of SET.
zTCommUOW	INT	4	(IBM name: MQG_TCommUOW) Total number of Committed UOWs.
zTBackUOW	INT	4	(IBM name: MQG_TBackUOW) Total number of Backout UOWs.
zTOther	INT	4	(IBM name: MQR_TOther) Total number of other calls.
zStart_time_gmt	TSTMP	8	(IBM name: MQR_Start_time_gmt) start time (GMT).
zStart_time_local	TSTMP	8	(IBM name: MQR_Start_time_local) start time (local).
zStop_time_gmt	TSTMP	8	(IBM name: MQR_Stop_time_gmt) stop time (GMT).
zStop_time_local	TSTMP	8	(IBM name: MQR_Stop_time_local) stop time (local).
zMqmon_define_source	CHAR	8	(IBM name: MQR_Mqmon_define_source) Group installed from.
zMqmon_change_time	TSTMP	8	

			(IBM name: MQR_Mqmon_change_time) Change/create time.
zMqmon_change_userid	CHAR	8	(IBM name: MQR_Mqmon_change_userid) Change userid.
zMqmon_change_agent	INT (ENUM)	2	(IBM name: MQR_Mqmon_change_agent) Change agent.
zMqmon_install_agent	INT (ENUM)	2	(IBM name: MQR_Mqmon_install_agent) Install agent.
zMqmon_install_time	TSTMP	8	(IBM name: MQR_Mqmon_install_time) Install/Create time.
zMqmon_install_userid	CHAR	8	(IBM name: MQR_Mqmon_install_userid) Install userid.

Secondary segment: SMF110#02_ASYNCSERVICE_Global

Field Name	Type	Len	Description
<i>SMF110#02_ASYNCSERVICE_Global.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'ASG' => ASYNCSERVICE (global) statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zRUN_COUNT	INT	4	(IBM name: N/A) Run API count.
zFETCH_COUNT	INT	4	(IBM name: N/A) Fetch APIs count.
zFREE_COUNT	INT	4	(IBM name: N/A) Free APIs count.
zRUN_DELAY_COUNT	INT	4	(IBM name: N/A) Count of Run API being delayed.
zPARENTS_DELAYED_CUR	INT	4	(IBM name: N/A) Count of parents being delayed.
zPARENTS_DELAYED_PEAK	INT	4	(IBM name: N/A) Peak parents being delayed.
zCHILDREN_CUR	INT	4	(IBM name: N/A) Count of running children.
zCHILDREN_PEAK	INT	4	(IBM name: N/A) Peak running children.

Secondary segment: SMF110#02_NODEJSAPP_Resource

Field Name	Type	Len	Description
<i>SMF110#02_NODEJSAPP_Resource.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'NJA' => NODEJSAPP (resource) statistics.
zVERS	INT	1	

			(IBM name: N/A) Statistics record version.
zRest	XVCHAR	0 1	(IBM name: N/A) Raw NODEJSAPP (Resource) data.

Record Type 110 Subtype 3 - Shared Queue Statistics

Primary Segment:

- SMF110#03_CICS_TS_Statistics_Shared_Queue

Secondary Segment(s): 5 (in alphabetical order)

- SMF110#03_Buffer_Stats
- SMF110#03_Data_Section
- SMF110#03_Product_Section
- SMF110#03_Server_List_Stats
- SMF110#03_Storage_Stats

Primary segment: SMF110#03_CICS_TS_Statistics_Shared_Queue

Field Name	Type	Len	Description
<i>SMF110#03_CICS_TS_Statistics_Shared_Queue.<fieldname></i>			
<i>SMF110#03_CICS_TS_Statistics_Shared_Queue.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: N/A) Record type 110 (X'6E').
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: N/A) Subsystem identification. CICS
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF110#03_CICS_TS_Statistics_Shared_Queue.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zPOF	INT	4	(IBM name: N/A) Offset to product section.
zPLN	INT	2	(IBM name: N/A) Length of product section.
zPON	INT	2	(IBM name: N/A) Number of product sections.
zDOF	INT	4	(IBM name: N/A) Offset to DATA section.
zDLN	INT	2	(IBM name: N/A) Length of DATA section.
zDON	INT	2	(IBM name: N/A) Number of DATA sections.

Secondary segment: SMF110#03_Data_Section

Field Name	Type	Len	Description
<i>SMF110#03_Data_Section.<fieldname></i>			
zRest	XVCHAR	0 32760	

Secondary segment: **SMF110#03_Product_Section**

Field Name	Type	Len	Description
<i>SMF110#03_Product_Section.<fieldname></i>			
zVRM	HEX	2	(IBM name: N/A) Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.
zPRN	CHAR	8	(IBM name: N/A) Generic product name.
zSPN	CHAR	8	(IBM name: N/A) Gateway daemon identifier.
zMFL	INT	2	(IBM name: N/A) Record maintenance indicator.
zDTK	HEX	4	(IBM name: N/A) Domain Token.
zDID	CHAR	2	(IBM name: N/A) Domain Id.
zRQT	CHAR	3	(IBM name: N/A) Statistics type - USS/EOD/REQ/INT.
zICD	CHAR	3	(IBM name: N/A) YES if incomplete data recorded.
zCDATE	CHAR	8	(IBM name: N/A) Collection date MMDDYYYY.
zCTIME	CHAR	6	(IBM name: N/A) Collection time HHMMSS.
zINT	CHAR	6	(IBM name: N/A) Interval HHMMSS.
zINO	INT	4	(IBM name: N/A) Interval number.
zRTK	CHAR	8	(IBM name: N/A) Request token.
zLRT	CHAR	6	(IBM name: N/A) Last reset time HHMMSS.
zCST	TSTMP	8	(IBM name: N/A) CICS start time.
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zJTM	TSTMP	8	(IBM name: N/A) Job timestamp.
zUSERID	CHAR	8	(IBM name: USERID) User identification.
zPDN	CHAR	8	(IBM name: N/A) Operating system product level.

Secondary segment: **SMF110#03_Server_List_Stats**

Field Name	Type	Len	Description
<i>SMF110#03_Server_List_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that

			follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TSL' => TS server list structure statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

SMF110#03_Server_List_Stats.zNAME.<fieldname>

zPREF	CHAR	8	(IBM name: N/A) First part of structure name.
zPOOL	CHAR	8	(IBM name: N/A) Pool name part of structure name.

SMF110#03_Server_List_Stats.zNNAME.<fieldname>

zCNPREF	CHAR	8	(IBM name: N/A) Prefix for connection name.
zCNSYSN	CHAR	8	(IBM name: N/A) Own MVS system name from CVTSNAME.

SMF110#03_Server_List_Stats.<fieldname>

zSIZE	INT	4	(IBM name: N/A) Structure size in 4K pages.
zSIZEMX	INT	4	(IBM name: N/A) Maximum size in 4K pages.
zHDRS	INT	4	(IBM name: N/A) Maximum number of list headers.
zHDRSCT	INT	4	(IBM name: N/A) Headers used for control lists.
zHDRSQD	INT	4	(IBM name: N/A) Headers available for queue data.
zELEMLN	INT	4	(IBM name: N/A) Data element size as a fullword.
zELEMPW	INT	4	(IBM name: N/A) Data element size as power of 2.
zELEMPE	INT	4	(IBM name: N/A) Max elements per entry (for 32K).
zELEMRT	INT	4	(IBM name: N/A) Element size of entry:element ratio.
zENTRRT	INT	4	(IBM name: N/A) Entry size of entry:element ratio.
zENTRCT	INT	4	(IBM name: N/A) Current number of entries in use.
zENTRHI	INT	4	(IBM name: N/A) Highest number of entries in use.
zENTRLO	INT	4	(IBM name: N/A) Lowest number of free entries.
zENTRMX	INT	4	(IBM name: N/A) Max entries returned by IXLCONN.
zELEMCT	INT	4	(IBM name: N/A) Current number of elements in use.
zELEMHI	INT	4	(IBM name: N/A) Highest number of elements in use.
zELEMLO	INT	4	(IBM name: N/A) Lowest number of free elements.
zELEMMX	INT	4	(IBM name: N/A) Max elements returned by IXLCONN.

SMF110#03_Server_List_Stats.zSEVEC.<fieldname>			
zUSEDCT	INT	4	(IBM name: N/A) Number of entries on used list.
zUSEDHI	INT	4	(IBM name: N/A) Highest entries on used list.
zFREECT	INT	4	(IBM name: N/A) Number of entries on free list.
zFREEHI	INT	4	(IBM name: N/A) Highest entries on free list.
zINDXCT	INT	4	(IBM name: N/A) Number of entries in queue index.
zINDXHI	INT	4	(IBM name: N/A) Highest entries in queue index.

SMF110#03_Server_List_Stats.<fieldname>			
zRDQCT	INT	4	(IBM name: N/A) Read queue index entry.
zWRQCT	INT	4	(IBM name: N/A) Write queue index entry.
zDLQCT	INT	4	(IBM name: N/A) Delete queue index entry.
zCRLCT	INT	4	(IBM name: N/A) Create list for a big queue.
zDLLCT	INT	4	(IBM name: N/A) Delete list (1 per overall delete).
zRDLCT	INT	4	(IBM name: N/A) Read list entry.
zWRLCT	INT	4	(IBM name: N/A) Write list entry.
zRWLCT	INT	4	(IBM name: N/A) Rewrite list entry.
zINQCT	INT	4	(IBM name: INQCT) Read queue index status only.
zINLCT	INT	4	(IBM name: N/A) Inquire on list entry.
zWRACT	INT	4	(IBM name: N/A) Write queue index adjunct area only.
zRRQCT	INT	4	(IBM name: N/A) Reread index data for full length.
zRRLCT	INT	4	(IBM name: N/A) Reread list data for full length.
zASYCT	INT	4	(IBM name: N/A) Number of asynchronous requests.
zRSP1CT	INT	4	(IBM name: N/A) Normal response, everything OK.
zRSP2CT	INT	4	(IBM name: N/A) Buffer length was too short for the data, needs full length reread.
zRSP3CT	INT	4	(IBM name: N/A) No matching entry was found, indicates queue not found in index or end of queue for list.
zRSP4CT	INT	4	(IBM name: N/A) Entry version did not match, indicates queue updated by another system or duplicate queue exists when attempting to create queue.
zRSP5CT	INT	4	(IBM name: N/A) List authority comparison mismatch, indicates big queue was deleted.
zRSP6CT	INT	4	

			(IBM name: N/A) Maximum list key reached, indicates max queue size or max queues reached depending on list.
zRSP7CT	INT	4	(IBM name: N/A) The list structure is out of space.
zRSP8CT	INT	4	(IBM name: N/A) An IXLLIST return code occurred other than those described above.
zRSP9CT	INT	4	(IBM name: N/A) Structure temporarily unavailable, for example during rebuild.

Secondary segment: **SMF110#03_Buffer_Stats**

Field Name	Type	Len	Description
<i>SMF110#03_Buffer_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TSB' => TS buffer statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zBFQTY	INT	4	(IBM name: N/A) Total buffers defined.
zBFENTH	INT	4	(IBM name: N/A) Number of buffers used so far.
zBFACTS	INT	4	(IBM name: N/A) Active buffers owned by tasks.
zBFLRUS	INT	4	(IBM name: N/A) Valid buffers on LRU chain.
zBFEMPS	INT	4	(IBM name: N/A) Empty buffers on free chain.
zBFPWTS	INT	4	(IBM name: N/A) Waits on buffer pool lock.
zBFGETS	INT	4	(IBM name: N/A) GET requests.
zBFHITS	INT	4	(IBM name: N/A) GET which found a valid buffer.
zBFGFRS	INT	4	(IBM name: N/A) GETs which used a free buffer.
zBFGNWS	INT	4	(IBM name: N/A) GETs which used a new buffer.
zBFGLRS	INT	4	(IBM name: N/A) GETs which used the LRU buffer.
zBFLWTS	INT	4	(IBM name: N/A) GET waits on buffer lock.
zBFGNBS	INT	4	(IBM name: N/A) GETs which returned no buffer.
zBFPUTS	INT	4	(IBM name: N/A) PUTs (put back buffer as valid).
zBFKEPS	INT	4	(IBM name: N/A) KEEPS (put back buffer as modified).
zBFFRES	INT	4	(IBM name: N/A) FREEs (put back buffer as empty).
zBFFNOS	INT	4	

			(IBM name: N/A) FREE errors, buffer not owned.
zBFPURS	INT	4	(IBM name: N/A) PURGEs (mark buffer invalid).
zBFPNFS	INT	4	(IBM name: N/A) PURGE with no matching buffer found.
zBFPNOS	INT	4	(IBM name: N/A) PURGE errors, buffer not owned.

Secondary segment: SMF110#03_Storage_Stats

Field Name	Type	Len	Description
<i>SMF110#03_Storage_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'TSS' => TS storage statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNYNAM	CHAR	8	(IBM name: N/A) Pool name AXMPGANY.
zNYSIZ	INT	4	(IBM name: N/A) Size of storage pool area.
zNYPTR	HEX	4	(IBM name: N/A) Address of storage pool area.
zNYMX	INT	4	(IBM name: N/A) Total pages in the storage pool.
zNYUS	INT	4	(IBM name: N/A) Number of used pages in the pool.
zNYFR	INT	4	(IBM name: N/A) Number of free pages in the pool.
zNYLO	INT	4	(IBM name: N/A) Lowest free pages (since reset).
zNYRQG	INT	4	(IBM name: N/A) Storage GET requests.
zNYRQF	INT	4	(IBM name: N/A) Storage FREE requests.
zNYRQS	INT	4	(IBM name: N/A) GETs which failed to get storage.
zNYRQC	INT	4	(IBM name: N/A) Compress (defragmentation) attempts.
zOWNAM	CHAR	8	(IBM name: N/A) Pool name AXMPGLOW.
zOWSIZ	INT	4	(IBM name: N/A) Size of storage pool area.
zOWPTR	HEX	4	(IBM name: N/A) Address of storage pool area.
zOWMX	INT	4	(IBM name: N/A) Total pages in the storage pool.
zOWUS	INT	4	(IBM name: N/A) Number of used pages in the pool.
zOWFR	INT	4	(IBM name: N/A) Number of free pages in the pool.

zOWLO	INT	4	(IBM name: N/A) Lowest free pages (since reset).
zOWRQG	INT	4	(IBM name: N/A) Storage GET requests.
zOWRQF	INT	4	(IBM name: N/A) Storage FREE requests.
zOWRQS	INT	4	(IBM name: N/A) GETs which failed to get storage.
zOWRQC	INT	4	(IBM name: N/A) Compress (defragmentation) attempts.

Record Type 110 Subtype 4 - CF Data Table Statistics

Primary Segment:

- [SMF110#04_CICS_TS_Statistics_CF_Data_Table](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF110#04_Buffer_Stats](#)
- [SMF110#04_Data_Section](#)
- [SMF110#04_Product_Section](#)
- [SMF110#04_Request_Stats](#)
- [SMF110#04_Server_List_Stats](#)
- [SMF110#04_Storage_Stats](#)

Primary segment: [SMF110#04_CICS_TS_Statistics_CF_Data_Table](#)

Field Name	Type	Len	Description
<i>SMF110#04_CICS_TS_Statistics_CF_Data_Table.<fieldname></i>			
<i>SMF110#04_CICS_TS_Statistics_CF_Data_Table.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: N/A) Record type 110 (X'6E').
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: N/A) Subsystem identification. CICS
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF110#04_CICS_TS_Statistics_CF_Data_Table.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zPOF	INT	4	(IBM name: N/A) Offset to product section.
zPLN	INT	2	(IBM name: N/A) Length of product section.
zPON	INT	2	(IBM name: N/A) Number of product sections.
zDOF	INT	4	(IBM name: N/A) Offset to DATA section.
zDLN	INT	2	(IBM name: N/A) Length of DATA section.
zDON	INT	2	(IBM name: N/A) Number of DATA sections.

Secondary segment: [SMF110#04_Data_Section](#)

Field Name	Type	Len	Description
<i>SMF110#04_Data_Section.<fieldname></i>			
zRest	XVCHAR		

		0 32760	
--	--	------------	--

Secondary segment: **SMF110#04_Product_Section**

Field Name	Type	Len	Description
<i>SMF110#04_Product_Section.<fieldname></i>			
zVRM	HEX	2	(IBM name: N/A) Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.
zPRN	CHAR	8	(IBM name: N/A) Generic product name.
zSPN	CHAR	8	(IBM name: N/A) Gateway daemon identifier.
zMFL	INT	2	(IBM name: N/A) Record maintenance indicator.
zDTK	HEX	4	(IBM name: N/A) Domain Token.
zDID	CHAR	2	(IBM name: N/A) Domain Id.
zRQT	CHAR	3	(IBM name: N/A) Statistics type - USS/EOD/REQ/INT.
zICD	CHAR	3	(IBM name: N/A) YES if incomplete data recorded.
zCDATE	CHAR	8	(IBM name: N/A) Collection date MMDDYYYY.
zCTIME	CHAR	6	(IBM name: N/A) Collection time HHMMSS.
zINT	CHAR	6	(IBM name: N/A) Interval HHMMSS.
zINO	INT	4	(IBM name: N/A) Interval number.
zRTK	CHAR	8	(IBM name: N/A) Request token.
zLRT	CHAR	6	(IBM name: N/A) Last reset time HHMMSS.
zCST	TSTMP	8	(IBM name: N/A) CICS start time.
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zJTM	TSTMP	8	(IBM name: N/A) Job timestamp.
zUSERID	CHAR	8	(IBM name: USERID) User identification.
zPDN	CHAR	8	(IBM name: N/A) Operating system product level.

Secondary segment: **SMF110#04_Server_List_Stats**

Field Name	Type	Len	Description
<i>SMF110#04_Server_List_Stats.<fieldname></i>			

zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CFSL' => CFDT server list statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

SMF110#04_Server_List_Stats.zNAME.<fieldname>

zPREF	CHAR	8	(IBM name: N/A) Full name of list structure.
zPOOL	CHAR	8	(IBM name: N/A) First part of structure name.

SMF110#04_Server_List_Stats.zNNAME.<fieldname>

zCNPREF	CHAR	8	(IBM name: N/A) Pool name part of structure name.
zCNSYSN	CHAR	8	(IBM name: N/A) Name for connection to structure.

SMF110#04_Server_List_Stats.<fieldname>

zSIZE	INT	4	(IBM name: N/A) Structure size in 4K pages.
zSIZEMX	INT	4	(IBM name: N/A) Maximum size in 4K pages.
zHDRS	INT	4	(IBM name: N/A) Maximum number of list headers.
zHDRSCT	INT	4	(IBM name: N/A) Headers used for control lists.
zHDRSTD	INT	4	(IBM name: N/A) Headers available for table data.
zELEMLN	INT	4	(IBM name: N/A) Data element size as a fullword.
zELEMPW	INT	4	(IBM name: N/A) Data element size as power of 2.
zELEMPE	INT	4	(IBM name: N/A) Max elements per entry (for 32K).
zELEMRT	INT	4	(IBM name: N/A) Element side of entry:element ratio.
zENTRRT	INT	4	(IBM name: N/A) Entry side of entry:element ratio.
zENTRCT	INT	4	(IBM name: N/A) Current number of entries in use.
zENTRHI	INT	4	(IBM name: N/A) Highest number of entries in use.
zENTRLO	INT	4	(IBM name: N/A) Lowest number of free entries.
zENTRMX	INT	4	(IBM name: N/A) Max entries returned by IXLCONN.
zELEMCT	INT	4	(IBM name: N/A) Current number of elements in use.
zELEMHI	INT	4	(IBM name: N/A) Highest number of elements in use.
zELEMLO	INT	4	(IBM name: N/A) Lowest number of free elements.
zELEMMX	INT	4	

			(IBM name: N/A) Max elements returned by IXLCONN.
--	--	--	--

SMF110#04_Server_List_Stats.zSEVEC.<fieldname>			
zUSEDCT	INT	4	(IBM name: N/A) Number of entries on used list.
zUSEDHI	INT	4	(IBM name: N/A) Highest entries on used list.
zFREECT	INT	4	(IBM name: N/A) Number of entries on free list.
zFREEHI	INT	4	(IBM name: N/A) Highest entries on free list.
zINDXCT	INT	4	(IBM name: N/A) Number of entries in table index.
zINDXHI	INT	4	(IBM name: N/A) Highest entries in table index.
zAPPLCT	INT	4	(IBM name: N/A) Number of entries in APPLID list.
zAPPLHI	INT	4	(IBM name: N/A) Highest entries in APPLID list.
zUOWLCT	INT	4	(IBM name: N/A) Number of entries in UOW list.
zUOWLHI	INT	4	(IBM name: N/A) Highest entries in UOW list.

SMF110#04_Server_List_Stats.<fieldname>			
zRDICT	INT	4	(IBM name: N/A) Read table index entry.
zWRICT	INT	4	(IBM name: N/A) Write table index entry.
zRWICT	INT	4	(IBM name: N/A) Rewrite table index entry.
zDLICT	INT	4	(IBM name: N/A) Delete table index entry.
zCRLCT	INT	4	(IBM name: N/A) Create list.
zMDLCT	INT	4	(IBM name: N/A) Modify list.
zDLLCT	INT	4	(IBM name: N/A) Delete list (1 per overall delete).
zRDDCT	INT	4	(IBM name: N/A) Read data item.
zWRDCT	INT	4	(IBM name: N/A) Write data item.
zRWDCT	INT	4	(IBM name: N/A) Rewrite data item.
zDLDCT	INT	4	(IBM name: N/A) Delete data item.
zINLCT	INT	4	(IBM name: N/A) Inquire on data list.
zRDMCT	INT	4	(IBM name: N/A) Read message queue.
zWRMCT	INT	4	(IBM name: N/A) Write to message queue.
zRDUCT	INT	4	(IBM name: N/A) Read UOW entry.

zWRUCT	INT	4	(IBM name: N/A) Write UOW entry.
zRWUCT	INT	4	(IBM name: N/A) Rewrite UOW entry.
zDLUCT	INT	4	(IBM name: N/A) Delete UOW entry.
zRDACT	INT	4	(IBM name: N/A) Read APPLID entry.
zWRACT	INT	4	(IBM name: N/A) Write APPLID entry.
zRWACT	INT	4	(IBM name: N/A) Rewrite APPLID entry.
zDLACT	INT	4	(IBM name: N/A) Delete APPLID entry.
zRRLCT	INT	4	(IBM name: N/A) Reread entry for full data length.
zASYCT	INT	4	(IBM name: N/A) Number of asynchronous requests.
zRSP1CT	INT	4	(IBM name: N/A) Normal response, everything OK.
zRSP2CT	INT	4	(IBM name: N/A) Buffer length was too short for the data, needs full length reread.
zRSP3CT	INT	4	(IBM name: N/A) No matching entry was found, indicates table not found in index or record not found in table.
zRSP4CT	INT	4	(IBM name: N/A) Entry version did not match, indicates entry updated by another system or duplicate entry exists when attempting to create entry.
zRSP5CT	INT	4	(IBM name: N/A) List authority comparison mismatch, caused by table status update.
zRSP6CT	INT	4	(IBM name: N/A) Maximum list key reached, indicates max table size or max tables reached depending on list.
zRSP7CT	INT	4	(IBM name: N/A) The list structure is out of space.
zRSP8CT	INT	4	(IBM name: N/A) An IXLLIST return code occurred other than those described above.
zRSP9CT	INT	4	(IBM name: N/A) Structure temporarily unavailable, for example during rebuild.

Secondary segment: **SMF110#04_Buffer_Stats**

Field Name	Type	Len	Description
<i>SMF110#04_Buffer_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CFB' => CFDT buffer statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zTABLE	CHAR	16	(IBM name: N/A) Table name padded with spaces.

SMF110#04_Buffer_Stats.zSTATS.<fieldname>

zCOPEN	INT	4	(IBM name: N/A) Open table.
zCCLOS	INT	4	(IBM name: N/A) Close table.
zCSET	INT	4	(IBM name: N/A) Set table attributes.
zCDELE	INT	4	(IBM name: N/A) Delete table.
zCSTAT	INT	4	(IBM name: N/A) Extract table statistics.
zQPOIN	INT	4	(IBM name: N/A) Point.
zQHIG	INT	4	(IBM name: N/A) Return highest key.
zQREAD	INT	4	(IBM name: N/A) Read (including read for update).
zQRDDL	INT	4	(IBM name: N/A) Read and delete.
zQUNLK	INT	4	(IBM name: N/A) Unlock.
zQLOAD	INT	4	(IBM name: N/A) Load.
zQWRIT	INT	4	(IBM name: N/A) Write (new record).
zQREWR	INT	4	(IBM name: N/A) Rewrite.
zQDELE	INT	4	(IBM name: N/A) Delete.
zQDELM	INT	4	(IBM name: N/A) Delete multiple.

Secondary segment: SMF110#04_Request_Stats

Field Name	Type	Len	Description
<i>SMF110#04_Request_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CFR' => CFDT request statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

<i>SMF110#04_Request_Stats.zSTATS.<fieldname></i>			
zCOPEN	INT	4	(IBM name: N/A) Open table.
zCCLOS	INT	4	(IBM name: N/A) Close table.
zCSET	INT	4	(IBM name: N/A) Set table attributes.
zCDELE	INT	4	(IBM name: N/A) Delete table.
zCSTAT	INT	4	(IBM name: N/A) Extract table statistics.

zQPOIN	INT	4	(IBM name: N/A) Point to record.
zQHIG	INT	4	(IBM name: N/A) Return highest key.
zQREAD	INT	4	(IBM name: N/A) Read record (includes for update).
zQRDDL	INT	4	(IBM name: N/A) Read and delete record.
zQUNLK	INT	4	(IBM name: N/A) Unlock record.
zQLOAD	INT	4	(IBM name: N/A) Load record at initial load time.
zQWRIT	INT	4	(IBM name: N/A) Write new record.
zQREWR	INT	4	(IBM name: N/A) Rewrite existing record.
zQDELE	INT	4	(IBM name: N/A) Delete record.
zQDELM	INT	4	(IBM name: N/A) Delete multiple records.
zQINQU	INT	4	(IBM name: N/A) Inquire table.
zPPREP	INT	4	(IBM name: N/A) Prepare to commit unit of work.
zPRETA	INT	4	(IBM name: N/A) Retain locks for unit of work.
zPCOMM	INT	4	(IBM name: N/A) Commit unit of work.
zPBACK	INT	4	(IBM name: N/A) Back out unit of work.
zPINQU	INT	4	(IBM name: N/A) Inquire about unit of work.
zPREST	INT	4	(IBM name: N/A) Restart recoverable connection.

Secondary segment: SMF110#04_Storage_Stats

Field Name	Type	Len	Description
<i>SMF110#04_Storage_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'CFS' => CFDT storage statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNYNAM	CHAR	8	(IBM name: N/A) Pool name AXMPGANY.
zNYSIZ	INT	4	(IBM name: N/A) Size of storage pool area.
zNYPTR	HEX	4	(IBM name: N/A) Address of storage pool area.
zNYMX	INT	4	(IBM name: N/A) Total pages in the storage pool.

zNYUS	INT	4	(IBM name: N/A) Number of used pages in the pool.
zNYFR	INT	4	(IBM name: N/A) Number of free pages in the pool.
zNYLO	INT	4	(IBM name: N/A) Lowest free pages (since reset).
zNYRQG	INT	4	(IBM name: N/A) Storage GET requests.
zNYRQF	INT	4	(IBM name: N/A) Storage FREE requests.
zNYRQS	INT	4	(IBM name: N/A) GETs which failed to get storage.
zNYRQC	INT	4	(IBM name: N/A) Compress (defragmentation) attempts.
zOWNAM	CHAR	8	(IBM name: N/A) Pool name AXMPGLOW.
zOWSIZ	INT	4	(IBM name: N/A) Size of storage pool area.
zOWPTR	HEX	4	(IBM name: N/A) Address of storage pool area.
zOWMX	INT	4	(IBM name: N/A) Total pages in the storage pool.
zOWUS	INT	4	(IBM name: N/A) Number of used pages in the pool.
zOWFR	INT	4	(IBM name: N/A) Number of free pages in the pool.
zOWLO	INT	4	(IBM name: N/A) Lowest free pages (since reset).
zOWRQG	INT	4	(IBM name: N/A) Storage GET requests.
zOWRQF	INT	4	(IBM name: N/A) Storage FREE requests.
zOWRQS	INT	4	(IBM name: N/A) GETs which failed to get storage.
zOWRQC	INT	4	(IBM name: N/A) Compress (defragmentation) attempts.

Record Type 110 Subtype 5 - Named Counter Statistics

Primary Segment:

- [SMF110#05_CICS_TS_Statistics_Named_Counter](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF110#05_Data_Section](#)
- [SMF110#05_Product_Section](#)
- [SMF110#05_Server_List_Stats](#)
- [SMF110#05_Storage_Stats](#)

Primary segment: [SMF110#05_CICS_TS_Statistics_Named_Counter](#)

Field Name	Type	Len	Description
<i>SMF110#05_CICS_TS_Statistics_Named_Counter.<fieldname></i>			
<i>SMF110#05_CICS_TS_Statistics_Named_Counter.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: N/A) Record type 110 (X'6E').
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: N/A) Subsystem identification. CICS
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF110#05_CICS_TS_Statistics_Named_Counter.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zPOF	INT	4	(IBM name: N/A) Offset to product section.
zPLN	INT	2	(IBM name: N/A) Length of product section.
zPON	INT	2	(IBM name: N/A) Number of product sections.
zDOF	INT	4	(IBM name: N/A) Offset to DATA section.
zDLN	INT	2	(IBM name: N/A) Length of DATA section.
zDON	INT	2	(IBM name: N/A) Number of DATA sections.

Secondary segment: [SMF110#05_Data_Section](#)

Field Name	Type	Len	Description
<i>SMF110#05_Data_Section.<fieldname></i>			
zRest	XVCHAR	0 32760	

Secondary segment: **SMF110#05_Product_Section**

Field Name	Type	Len	Description
<i>SMF110#05_Product_Section.<fieldname></i>			
zVRM	HEX	2	(IBM name: N/A) Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.
zPRN	CHAR	8	(IBM name: N/A) Generic product name.
zSPN	CHAR	8	(IBM name: N/A) Gateway daemon identifier.
zMFL	INT	2	(IBM name: N/A) Record maintenance indicator.
zDTK	HEX	4	(IBM name: N/A) Domain Token.
zDID	CHAR	2	(IBM name: N/A) Domain Id.
zRQT	CHAR	3	(IBM name: N/A) Statistics type - USS/EOD/REQ/INT.
zICD	CHAR	3	(IBM name: N/A) YES if incomplete data recorded.
zCDATE	CHAR	8	(IBM name: N/A) Collection date MMDDYYYY.
zCTIME	CHAR	6	(IBM name: N/A) Collection time HHMMSS.
zINT	CHAR	6	(IBM name: N/A) Interval HHMMSS.
zINO	INT	4	(IBM name: N/A) Interval number.
zRTK	CHAR	8	(IBM name: N/A) Request token.
zLRT	CHAR	6	(IBM name: N/A) Last reset time HHMMSS.
zCST	TSTMP	8	(IBM name: N/A) CICS start time.
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zJTM	TSTMP	8	(IBM name: N/A) Job timestamp.
zUSERID	CHAR	8	(IBM name: USERID) User identification.
zPDN	CHAR	8	(IBM name: N/A) Operating system product level.

Secondary segment: **SMF110#05_Server_List_Stats**

Field Name	Type	Len	Description
<i>SMF110#05_Server_List_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that

			follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'NCCLS' => NC server list structure statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.

SMF110#05_Server_List_Stats.zNAME.<fieldname>

zPREF	CHAR	8	(IBM name: N/A) Full name of list structure.
zPOOL	CHAR	8	(IBM name: N/A) First part of structure name.

SMF110#05_Server_List_Stats.zNNAME.<fieldname>

zCNPREF	CHAR	8	(IBM name: N/A) Name for connection to structure.
zCNSYSN	CHAR	8	(IBM name: N/A) Prefix for connection name.

SMF110#05_Server_List_Stats.<fieldname>

zSIZE	INT	4	(IBM name: N/A) Structure size in 4K pages.
zSIZEMX	INT	4	(IBM name: N/A) Maximum size in 4K pages.
zENTRCT	INT	4	(IBM name: N/A) Current number of entries in use.
zENTRHI	INT	4	(IBM name: N/A) Highest number of entries in use.
zENTRLO	INT	4	(IBM name: N/A) Lowest number of free entries.
zENTRMX	INT	4	(IBM name: N/A) Max entries returned by IXLCONN.
zCRECT	INT	4	(IBM name: N/A) Create counter.
zGETCT	INT	4	(IBM name: GETCT) Get and increment counter.
zSETCT	INT	4	(IBM name: SETCT) Set counter.
zDELCT	INT	4	(IBM name: N/A) Delete counter.
zKEQCT	INT	4	(IBM name: N/A) Inquire KEQ.
zKGECT	INT	4	(IBM name: N/A) Inquire KGE.
zASYCT	INT	4	(IBM name: N/A) Number of asynchronous requests.
zRSP1CT	INT	4	(IBM name: N/A) Normal response, everything OK.
zRSP2CT	INT	4	(IBM name: N/A) No matching entry was found.
zRSP3CT	INT	4	(IBM name: N/A) Entry version did not match.
zRSP4CT	INT	4	(IBM name: N/A) List authority comparison mismatch.
zRSP5CT	INT	4	(IBM name: N/A) The list structure is out of space.
zRSP6CT	INT	4	

			(IBM name: N/A) An IXLLIST return code occurred other than those described above.
zRSP7CT	INT	4	(IBM name: N/A) Structure temporarily unavailable, during system-managed rebuild.

Secondary segment: **SMF110#05_Storage_Stats**

Field Name	Type	Len	Description
<i>SMF110#05_Storage_Stats.<fieldname></i>			
zLEN	INT	2	(IBM name: N/A) Length of record. Length of this header record + the length of the data that follows.
zID	INT (ENUM)	2	(IBM name: N/A) 'NCS' => NC server storage statistics.
zVERS	INT	1	(IBM name: N/A) Statistics record version.
zNYNAM	CHAR	8	(IBM name: N/A) Pool name AXMPGANY.
zNYSIZ	INT	4	(IBM name: N/A) Size of storage pool area.
zNYPTR	HEX	4	(IBM name: N/A) Address of storage pool area.
zNYMX	INT	4	(IBM name: N/A) Total pages in the storage pool.
zNYUS	INT	4	(IBM name: N/A) Number of used pages in the pool.
zNYFR	INT	4	(IBM name: N/A) Number of free pages in the pool.
zNYLO	INT	4	(IBM name: N/A) Lowest free pages (since reset).
zNYRQG	INT	4	(IBM name: N/A) Storage GET requests.
zNYRQF	INT	4	(IBM name: N/A) Storage FREE requests.
zNYRQS	INT	4	(IBM name: N/A) GETs which failed to get storage.
zNYRQC	INT	4	(IBM name: N/A) Compress (defragmentation) attempts.
zOWNAM	CHAR	8	(IBM name: N/A) Pool name AXMPGLOW.
zOWSIZ	INT	4	(IBM name: N/A) Size of storage pool area.
zOWPTR	HEX	4	(IBM name: N/A) Address of storage pool area.
zOWMX	INT	4	(IBM name: N/A) Total pages in the storage pool.
zOWUS	INT	4	(IBM name: N/A) Number of used pages in the pool.
zOWFR	INT	4	(IBM name: N/A) Number of free pages in the pool.
zOWLO	INT	4	(IBM name: N/A) Lowest free pages (since reset).
zOWRQG	INT	4	(IBM name: N/A) Storage GET requests.

zOWRQF	INT	4	(IBM name: N/A) Storage FREE requests.
zOWRQS	INT	4	(IBM name: N/A) GETs which failed to get storage.
zOWRQC	INT	4	(IBM name: N/A) Compress (defragmentation) attempts.

Record Type 111 - CICS Transaction Gateway

SMF Record 111 (CICS Transaction Gateway) is mapped by structure member "T111".

Primary Segment:

- SMF111_CICS_Transaction_Gateway

Secondary Segment(s): 12 (in alphabetical order)

- SMF111_Connection_Manager_Stats
- SMF111_CICS_Server_EXCI_Instance_Stats
- SMF111_CICS_Server_IPIC_Instance_Stats
- SMF111_CICS_Server_Stats
- SMF111_Data_Section
- SMF111_Gateway_Daemon_Stats
- SMF111_Product_Section
- SMF111_Protocol_Handler_Stats
- SMF111_System_Environment_Stats
- SMF111_Web_Service_Instance_Stats
- SMF111_Web_Service_Stats
- SMF111_Worker_Thread_Stats

Primary segment: SMF111_CICS_Transaction_Gateway

Field Name	Type	Len	Description
<i>SMF111_CICS_Transaction_Gateway.<fieldname></i>			
<i>SMF111_CICS_Transaction_Gateway.Header_Self_Defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators.
zRTY	INT	1	(IBM name: N/A) Record type 111 (X'6F').
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: N/A) Subsystem identification. CTGZ
zSTY	INT	2	(IBM name: N/A) Record subtype. CICS Transaction Gateway uses only one subtype. This value is always zero.
<i>SMF111_CICS_Transaction_Gateway.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zPOF	INT	4	(IBM name: N/A) Offset to product section.
zPLN	INT	2	(IBM name: N/A) Length of product section.
zPON	INT	2	(IBM name: N/A) Number of product sections.
zDOF	INT	4	(IBM name: N/A) Offset to DATA section.
zDLN	INT	2	(IBM name: N/A) Length of DATA section.
zDON	INT	2	(IBM name: N/A) Number of DATA sections.

Secondary segment: SMF111_Data_Section

Field Name	Type	Len	Description
SMF111_Data_Section.<fieldname>			
zRest	XVCHAR	0 32760	

Secondary segment: SMF111_Product_Section

Field Name	Type	Len	Description
SMF111_Product_Section.<fieldname>			
zVRM	HEX	2	(IBM name: N/A) Record version (0x0VRM). Each letter represents a numeric digit from values 0 to 9. V = Version, R = Release, M = Maintenance.
zPRN	CHAR	8	(IBM name: N/A) Generic product name.
zSPN	CHAR	8	(IBM name: N/A) Gateway daemon identifier.
zMFL	INT	2	(IBM name: N/A) Record maintenance indicator.
zSTATTYPE	INT (ENUM)	1	(IBM name: CTG_STATTYPE) Statistics type. This event drives the statistic to be recorded.
zCOLTS	TSTMP	8	(IBM name: CTG_COLTS) Collection time & date (0cyy,dddf,00hh,mmss) local time. set to the time that the gateway daemon requests that records for a statistics interval are cut. this value represents the time that the interval is initially requested. time to process the interval data and perform the i/o is not included. the value corresponds to the statint and stateod values in the configuration file. the timestamp that the record is written is filled in by SMF in zTME.
zLOCOFFSET	INT	4	(IBM name: CTG_LOCOFFSET) Offset from GMT to local time in seconds. Number to add to the system local time to derive GMT.
zLSTRESET	INT	4	(IBM name: CTG_LSTRESET) Last reset time or initialization time (in seconds). The period in time in seconds since the last reset. If the first time stats have been issued in the lifetime of the CICS Transaction Gateway this value represents time since initialization. The reset is performed each time that interval statistics are cut.
zINTERVAL	INT	4	(IBM name: CTG_INTERVAL) Interval seconds. Length of time remaining before the next interval.
zINTVCOUNT	INT	4	(IBM name: CTG_INTVCOUNT) Interval number. A sequence number that increments each time an interval is requested. The scope of this is within a specific Gateway daemon instance, for the lifetime of that Gateway daemon. The first interval is defined as 1.
zSTARTTS	TSTMP	8	(IBM name: CTG_STARTTS) Gateway start time & date (0cyy,dddf,00hh,mmss) local time. Set to the date that the gateway daemon started.

Secondary segment: SMF111_Connection_Manager_Stats

Field Name	Type	Len	Description
SMF111_Connection_Manager_Stats.<fieldname>			

zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zCM_CALLOC	INT	4	(IBM name: CTG_CM_CALLOC) Currently allocated connection managers
zCM_CCURR	INT	4	(IBM name: CTG_CM_CCURR) Current number of connection managers
zCM_CWAITING	INT	4	(IBM name: CTG_CM_CWAITING) Number of connection managers waiting
zCM_LTIMEOUTS	INT	4	(IBM name: CTG_CM_LTIMEOUTS) Number of times connect timeout reached
zCM_SINIT	INT	4	(IBM name: CTG_CM_SINIT) Initial number of connection managers
zCM_SMAX	INT	4	(IBM name: CTG_CM_SMAX) Maximum number of connection managers.
zCM_ITIMEOUTS	INT	4	(IBM name: CTG_CM_ITIMEOUTS) Number of times connect timeout reached
zCM_IALLOCHI	INT	4	(IBM name: CTG_CM_IALLOCHI) Peak number of allocated connection manager threads
zCM_ICREATED	INT	4	(IBM name: CTG_CM_ICREATED) Number of connection manager threads created
zCM_IALLOC	INT	4	(IBM name: CTG_CM_IALLOC) Number of times a connection manager thread was allocated
zCM_LALLOC	INT	4	(IBM name: CTG_CM_LALLOC) Number of allocations for connection manager threads representing the number of connections that have been established from remote clients.

Secondary segment: SMF111_CICS_Server_Stats

Field Name	Type	Len	Description
<i>SMF111_CICS_Server_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zCS_CALLOC	INT	4	(IBM name: CTG_CS_CALLOC) Number of EXCI pipes allocated
zCS_LALLOCFAIL	INT	4	(IBM name: CTG_CS_LALLOCFAIL) Number of EXCI pipe allocate failures
zCS_LALLREQ	INT	4	(IBM name: CTG_CS_LALLREQ) Number of requests processed

zCS_LCOMMSFAIL	INT	4	(IBM name: CTG_CS_LCOMMSFAIL) Number of CICS communication failures
zCS_LCOUNT	INT	4	(IBM name: CTG_CS_LCOUNT) Number of CICS servers
zCS_LREALLOC	INT	4	(IBM name: CTG_CS_LREALLOC) Number of EXCI pipe reallocations
zCS_SLOGONLIM	INT	4	(IBM name: CTG_CS_SLOGONLIM) EXCI pipe limit
zCS_SNETNAME	CHAR	8	(IBM name: CTG_CS_SNETNAME) EXCI NETNAME
zCS_IALLOCFAIL	INT	4	(IBM name: CTG_CS_IALLOCFAIL) Number of EXCI pipe allocate failures
zCS_IALLREQ	INT	4	(IBM name: CTG_CS_IALLREQ) Number of requests processed
zCS_ICOMMSFAIL	INT	4	(IBM name: CTG_CS_ICOMMSFAIL) Number of CICS communication failures
zCS_ICOUNT	INT	4	(IBM name: CTG_CS_ICOUNT) Number of CICS servers
zCS_IREALLOC	INT	4	(IBM name: CTG_CS_IREALLOC) Number of EXCI pipe reallocations
zCS_IREQDATA	HEX	8	(IBM name: CTG_CS_IREQDATA) Amount of CICS request data
zCS_LREQDATA	HEX	8	(IBM name: CTG_CS_LREQDATA) Amount of CICS request data
zCS_IRESPDATA	HEX	8	(IBM name: CTG_CS_IRESPDATA) Amount of CICS response data
zCS_LRESPDATA	HEX	8	(IBM name: CTG_CS_LRESPDATA) Amount of CICS response data
zCS_SCOUNT	INT	4	(IBM name: CTG_CS_SCOUNT) Number of defined CICS servers
zCS_ICONNFALL	INT	4	(IBM name: CTG_CS_ICONNFALL) Number of connect failures
zCS_LCONNFAIL	INT	4	(IBM name: CTG_CS_LCONNFAIL) Number of connect failures
zCS_ILOSTCON	INT	4	(IBM name: CTG_CS_ILOSTCON) Number of lost connections
zCS_LLOSTCON	INT	4	(IBM name: CTG_CS_LLOSTCON) Number of lost connections
zCS_LIDLETIMEOUT	INT	4	(IBM name: CTG_CS_LIDLETIMEOUT) Number of timed out connections
zCS_CSESSCURR	INT	4	(IBM name: CTG_CS_CSESSCURR) Number of IPIK sessions in use
zCS_CSESSMAX	INT	4	(IBM name: CTG_CS_CSESSMAX) Number of negotiated IPIK sessions
zCS_LSESSFAIL	INT	4	(IBM name: CTG_CS_LSESSFAIL) Number of IPIK session failures
zCS_ISESSFAIL	INT	4	(IBM name: CTG_CS_ISESSFAIL) Number of IPIK session failures
zCS_CWAITING	INT	4	(IBM name: CTG_CS_CWAITING) Number of requests waiting on a response
zCS_IIDLETIMEOUT	INT	4	(IBM name: CTG_CS_IIDLETIMEOUT) Number of timed out connections
zCS_IAVRESP	INT	4	(IBM name: CTG_CS_IAVRESP) Average CICS response time
zCS_LAVRESP	INT	4	(IBM name: CTG_CS_LAVRESP) Average CICS response time

Secondary segment: SMF111_CICS_Server_EXCI_Instance_Stats

Field Name	Type	Len	Description
<i>SMF111_CICS_Server_EXCI_Instance_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zCSx_SAPPLID	CHAR	8	(IBM name: CTG_CSx_SAPPLID) Name of CICS server
zCSx_CALLOC	INT	4	(IBM name: CTG_CSx_CALLOC) Number of EXCI pipes allocated
zCSx_LALLOCFAIL	INT	4	(IBM name: CTG_CSx_LALLOCFAIL) Number of EXCI pipe allocate failures
zCSx_LALLREQ	INT	4	(IBM name: CTG_CSx_LALLREQ) Number of requests processed
zCSx_IALLOCFAIL	INT	4	(IBM name: CTG_CSx_IALLOCFAIL) Number of EXCI pipe allocate failures
zCSx_IALLREQ	INT	4	(IBM name: CTG_CSx_IALLREQ) Number of requests processed
zCSx_IAVRESP	INT	4	(IBM name: CTG_CSx_IAVRESP) Average CICS response time
zCSx_LAVRESP	INT	4	(IBM name: CTG_CSx_LAVRESP) Average CICS response time
zCSx_LCOMMSFAIL	INT	4	(IBM name: CTG_CSx_LCOMMSFAIL) Number of CICS communication failures
zCSx_IREQDATA	HEX	8	(IBM name: CTG_CSx_IREQDATA) Amount of CICS request data
zCSx_LREQDATA	HEX	8	(IBM name: CTG_CSx_LREQDATA) Amount of CICS request data
zCSx_IRESPDATA	HEX	8	(IBM name: CTG_CSx_IRESPDATA) Amount of CICS response data
zCSx_LRESPDATA	HEX	8	(IBM name: CTG_CSx_LRESPDATA) Amount of CICS response data
zCSx_SPROTOCOL	CHAR	8	(IBM name: CTG_CSx_SPROTOCOL) CICS server protocol
zCSx_ICOMMSFAIL	INT	4	(IBM name: CTG_CSx_ICOMMSFAIL) Number of CICS communication failures
zCSx_CWAITING	INT	4	(IBM name: CTG_CSx_CWAITING) Number of requests waiting on a response

Secondary segment: SMF111_CICS_Server_IPIC_Instance_Stats

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF111_CICS_Server_IPIC_Instance_Stats.<fieldname>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zCSx_SININAME	CHAR	8	(IBM name: CTG_CSx_SININAME) CICS server name
zCSx_IREQDATA	HEX	8	(IBM name: CTG_CSx_IREQDATA) Amount of CICS request data
zCSx_LREQDATA	HEX	8	(IBM name: CTG_CSx_LREQDATA) Amount of CICS request data
zCSx_IRESPDATA	HEX	8	(IBM name: CTG_CSx_IRESPDATA) Amount of CICS response data
zCSx_LRESPDATA	HEX	8	(IBM name: CTG_CSx_LRESPDATA) Amount of CICS response data
zCSx_IALLREQ	INT	4	(IBM name: CTG_CSx_IALLREQ) Number of requests processed
zCSx_LALLREQ	INT	4	(IBM name: CTG_CSx_LALLREQ) Number of requests processed
zCSx_ICONNFAIL	INT	4	(IBM name: CTG_CSx_ICONNFAIL) Number of connection failures
zCSx_LCONNFAIL	INT	4	(IBM name: CTG_CSx_LCONNFAIL) Number of lost connections
zCSx_ILOSTCONN	INT	4	(IBM name: CTG_CSx_ILOSTCONN) Number of lost connections
zCSx_LLOSTCONN	INT	4	(IBM name: CTG_CSx_LLOSTCONN) Number of lost connections
zCSx_IIDLETIMEOUT	INT	4	(IBM name: CTG_CSx_IIDLETIMEOUT) Number of timed out connections
zCSx_LIDLETIMEOUT	INT	4	(IBM name: CTG_CSx_LIDLETIMEOUT) Number of timed out connections
zCSx_SIPADDR	CHAR	104	(IBM name: CTG_CSx_SIPADDR) CICS server TCP/IP address
zCSx_SIPPORT	INT	4	(IBM name: CTG_CSx_SIPPORT) CICS server TCP/IP port
zCSx_CSESSCURR	INT	4	(IBM name: CTG_CSx_CSESSCURR) Number of IPIC sessions in use
zCSx_CSESSMAX	INT	4	(IBM name: CTG_CSx_CSESSMAX) Number of negotiated IPIC sessions
zCSx_SSESSMAX	INT	4	(IBM name: CTG_CSx_SSESSMAX) Number of requested IPIC sessions
zCSx_LSESSFAIL	INT	4	(IBM name: CTG_CSx_LSESSFAIL) Number of IPIC session failures
zCSx_ISESSFAIL	INT	4	(IBM name: CTG_CSx_ISESSFAIL) Number of IPIC session failures
zCSx_SPROTOCOL	CHAR	8	(IBM name: CTG_CSx_SPROTOCOL) CICS server protocol
zCSx_LCOMMSFAIL	INT	4	(IBM name: CTG_CSx_LCOMMSFAIL) Number of CICS communication failures
zCSx_ICOMMSFAIL	INT	4	

			(IBM name: CTG_CSx_ICOMMSFAIL) Number of CICS communication failures
zCSx_CWAITING	INT	4	(IBM name: CTG_CSx_CWAITING) Number of requests waiting on a response
zCSx_IAVRESP	INT	4	(IBM name: CTG_CSx_IAVRESP) Average CICS response time
zCSx_LAVRESP	INT	4	(IBM name: CTG_CSx_LAVRESP) Average CICS response time
zCSx_CAPPLIDQ	CHAR	8	(IBM name: CTG_CSx_CAPPLIDQ) APPLID qualifier of the connected CICS server
zCSx_CAPPLID	CHAR	8	(IBM name: CTG_CSx_CAPPLID) APPLID of the connected CICS server

Secondary segment: SMF111_Gateway_Daemon_Stats

Field Name	Type	Len	Description
<i>SMF111_Gateway_Daemon_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zGD_CHEALTH	INT	4	(IBM name: CTG_GD_CHEALTH) Gateway daemon health
zGD_CSTATUS	CHAR	16	(IBM name: CTG_GD_CSTATUS) Gateway daemon status
zGD_LALLREQ	INT	4	(IBM name: CTG_GD_LALLREQ) Requests processed
zGD_LLUWTXNC	INT	4	(IBM name: CTG_GD_LLUWTXNC) Extended LUW transactions committed
zGD_LLUWTXNR	INT	4	(IBM name: CTG_GD_LLUWTXNR) Extended LUW transactions rolled back
zGD_LRUNTIME	HEX	8	(IBM name: CTG_GD_LRUNTIME) Gateway daemon running time
zGD_LSYNCTXN	INT	4	(IBM name: CTG_GD_LSYNCTXN) Successful SYNCONRETURN transactions
zGD_LXATXNC	INT	4	(IBM name: CTG_GD_LXATXNC) XA commit requests successfully processed
zGD_LXATXNR	INT	4	(IBM name: CTG_GD_LXATXNR) XA rollback requests successfully processed
zGD_SNAME	CHAR	8	(IBM name: CTG_GD_SNAME) Gateway daemon name
zGD_IALLREQ	INT	4	(IBM name: CTG_GD_IALLREQ) Requests processed
zGD_IRUNTIME	INT	4	(IBM name: CTG_GD_IRUNTIME) Interval running time
zGD_ISYNCTXN	INT	4	(IBM name: CTG_GD_ISYNCTXN) Successful SYNCONRETURN transactions

zGD_IXATXNC	INT	4	(IBM name: CTG_GD_IXATXNC) XA commit requests successfully processed
zGD_IXATXNR	INT	4	(IBM name: CTG_GD_IXATXNR) XA rollback requests successfully processed
zGD_ILUWTXNC	INT	4	(IBM name: CTG_GD_ILUWTXNC) Extended LUW transactions committed
zGD_ILUWTXNR	INT	4	(IBM name: CTG_GD_ILUWTXNR) Extended LUW transactions rolled back
zGD_IAVRESP	INT	4	(IBM name: CTG_GD_IAVRESP) Average Gateway daemon response time
zGD_LAVRESP	INT	4	(IBM name: CTG_GD_LAVRESP) Average Gateway daemon response time
zGD_IREQDATA	HEX	8	(IBM name: CTG_GD_IREQDATA) Amount of client request data
zGD_LREQDATA	HEX	8	(IBM name: CTG_GD_LREQDATA) Amount of client request data
zGD_IRESPDATA	HEX	8	(IBM name: CTG_GD_IRESPDATA) Amount of client response data
zGD_LRESPDATA	HEX	8	(IBM name: CTG_GD_LRESPDATA) Amount of client response data
zGD_CSYNCTXN	INT	4	(IBM name: CTG_GD_CSYNCTXN) SYNCONRETURN transactions
zGD_CLUWTXN	INT	4	(IBM name: CTG_GD_CLUWTXN) Extended LUW transactions
zGD_CXATXN	INT	4	(IBM name: CTG_GD_CXATXN) XA transactions
zGD_LXAREQ	INT	4	(IBM name: CTG_GD_LXAREQ) XA requests
zGD_IXAREQ	INT	4	(IBM name: CTG_GD_IXAREQ) XA requests
zGD_SAPPLID	CHAR	8	(IBM name: CTG_GD_SAPPLID) CICS TG APPLID
zGD_SAPPLIDQ	CHAR	8	(IBM name: CTG_GD_SAPPLIDQ) CICS TG APPLID qualifier
zGD_SSTATINT	CHAR	6	(IBM name: CTG_GD_SSTATINT) Length of the statistics interval HHMMSS
zGD_SSTATEOD	CHAR	6	(IBM name: CTG_GD_SSTATEOD) Logical end-of-day time HHMMSS
zGD_CNEXTRESET	CHAR	6	(IBM name: CTG_GD_CNEXTRESET) End of interval time HHMMSS
zGD_LHAEXIT	INT	4	(IBM name: CTG_GD_LHAEXIT) Times the CICS request exit was called
zGD_IHAEXIT	INT	4	(IBM name: CTG_GD_IHAEXIT) Times the CICS request exit was called
zGD_LSYNCFAIL	INT	4	(IBM name: CTG_GD_LSYNCFAIL) SYNCONRETURN transactions that have failed for the duration of the Gateway daemon process
zGD_ISYNCFAIL	INT	4	(IBM name: CTG_GD_ISYNCFAIL) SYNCONRETURN transactions that have failed in the current interval
zGD_SDFLTRSV	CHAR	8	(IBM name: CTG_GD_SDFLTRSV) The default CICS server for the CICS Transaction Gateway
zGD_SHOSTNAME	CHAR	28	(IBM name: CTG_GD_SHOSTNAME) The host name of the CICS Transaction Gateway computer
zGD_LXACOMP	INT	4	(IBM name: CTG_GD_LXACOMP) XA transactions completed for HA group
zGD_IXACOMP	INT	4	

			(IBM name: CTG_GD_IXACOMP) XA transactions completed for HA group
zGD_LXATXNHI	INT	4	(IBM name: CTG_GD_LXATXNHI) Peak number of in flight XA transactions
zGD_IXATXNHI	INT	4	(IBM name: CTG_GD_IXATXNHI) Peak number of in flight XA transactions
zGD_LAVRESPIO	INT	4	(IBM name: CTG_GD_LAVRESPIO) Average Gateway daemon response time with I/O
zGD_IAVRESPIO	INT	4	(IBM name: CTG_GD_IAVRESPIO) Average Gateway daemon response time with I/O

Secondary segment: SMF111_Protocol_Handler_Stats

Field Name	Type	Len	Description
<i>SMF111_Protocol_Handler_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zPH_SPORTSSL	INT	4	(IBM name: CTG_PH_SPORTSSL) SSL Protocol handler port number.
zPH_SPORTTCP	INT	4	(IBM name: CTG_PH_SPORTTCP) TCP Protocol handler port number.

Secondary segment: SMF111_System_Environment_Stats

Field Name	Type	Len	Description
<i>SMF111_System_Environment_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zSE_SELIM	INT	4	(IBM name: CTG_SE_SELIM) Amount of available memory ELIM
zSE_CELOAL	INT	4	(IBM name: CTG_SE_CELOAL) Amount of used memory ELOAL
zSE_CHEAPGCMIN	HEX	8	(IBM name: CTG_SE_CHEAPGCMIN) JVM heap size after GC
zSE_SHEAPINIT	HEX	8	(IBM name: CTG_SE_SHEAPINIT) JVM initial heap size

zSE_SHEAPMAX	HEX	8	(IBM name: CTG_SE_SHEAPMAX) JVM maximum heap size
zSE_IGCTIME	HEX	8	(IBM name: CTG_SE_IGCTIME) JVM GC time
zSE_LGCTIME	HEX	8	(IBM name: CTG_SE_LGCTIME) JVM GC time
zSE_IGCCOUNT	HEX	8	(IBM name: CTG_SE_IGCCOUNT) JVM GC count
zSE_LGCCOUNT	HEX	8	(IBM name: CTG_SE_LGCCOUNT) JVM GC count
zSE_C31MAX	INT	4	(IBM name: CTG_SE_C31MAX) Limit of used memory ELOAL

Secondary segment: SMF111_Worker_Thread_Stats

Field Name	Type	Len	Description
<i>SMF111_Worker_Thread_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zWT_CALLOC	CHAR	4	(IBM name: CTG_WT_CALLOC) Currently allocated worker threads
zWT_CCURR	INT	4	(IBM name: CTG_WT_CCURR) Current number of worker threads
zWT_LTIMEOUTS	INT	4	(IBM name: CTG_WT_LTIMEOUTS) Number of times worker timeout reached
zWT_SINIT	INT	4	(IBM name: CTG_WT_SINIT) Initial number of worker threads
zWT_SMAX	INT	4	(IBM name: CTG_WT_SMAX) Maximum number of worker threads.
zWT_ETIMEOUTS	INT	4	(IBM name: CTG_WT_ETIMEOUTS) Number of times worker timeout reached
zWT_IALLOCHI	INT	4	(IBM name: CTG_WT_IALLOCHI) Peak number of allocated worker threads

Secondary segment: SMF111_Web_Service_Stats

Field Name	Type	Len	Description
<i>SMF111_Web_Service_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.

zRECVER	INT	1	(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zWS_CREQ	INT	4	(IBM name: CTG_WS_CREQ) The current number of inflight web service transactions. These transactions might or might not be active in CICS. However, they represent one mirror transaction, which might be in a suspended state.
zWS_CWAITING	INT	4	(IBM name: CTG_WS_CWAITING) The current number of web services waiting for a worker thread to become available.
zWS_IALLREQ	INT	4	(IBM name: CTG_WS_IALLREQ) The number of web service requests that have been processed. Successful and failed requests are included.
zWS_IAVRESP	INT	4	(IBM name: CTG_WS_IAVRESP) The average time in milliseconds for web services to respond to requests from remote clients. Successful and failed requests are included. This value includes the CICS response time, as provided by the corresponding CS_LAVRESP statistic.
zWS_IREQHI	INT	4	(IBM name: CTG_WS_IREQHI) The peak number of concurrent web service transactions that have been in flight at the same time.
zWS_IREQDATA	HEX	8	(IBM name: CTG_WS_IREQDATA) The amount of application request data (in bytes) received from clients of all web services.
zWS_IRESPDATA	HEX	8	(IBM name: CTG_WS_IRESPDATA) The amount of application response data (in bytes) returned to clients of all web services.
zWS_LALLREQ	INT	4	(IBM name: CTG_WS_LALLREQ) The number of web service requests that have been processed. Successful and failed requests are included.
zWS_LAVRESP	INT	4	(IBM name: CTG_WS_LAVRESP) The average time in milliseconds for web services to respond to requests from remote clients. Successful and failed requests are included. This value includes the CICS response time, as provided by the corresponding CS_LAVRESP statistic.
zWS_LREQHI	INT	4	(IBM name: CTG_WS_LREQHI) The peak number of concurrent web service transactions that have been in flight at the same time.
zWS_LREQDATA	HEX	8	(IBM name: CTG_WS_LREQDATA) The amount of application request data (in bytes) received from clients of all web services.
zWS_LRESPDATA	HEX	8	(IBM name: CTG_WS_LRESPDATA) The amount of application response data (in bytes) returned to clients of all web services.
zWS_SCOUNT	INT	4	(IBM name: CTG_WS_SCOUNT) The number of web services defined in the configuration file.

Secondary segment: SMF111_Web_Service_Instance_Stats

Field Name	Type	Len	Description
<i>SMF111_Web_Service_Instance_Stats.<fieldname></i>			
zDATALEN	INT	2	(IBM name: CTG_DATALEN) Length of record. Length of this header record + the length of the data that follows.
zRECORDID	INT (ENUM)	2	(IBM name: CTG_RECORDID) Record ID resource group. Each CICS TG statistics resource group has a numeric ID allocated to it.
zRECVER	INT	1	

			(IBM name: CTG_RECVER) Data section version. A combination of CTGRECID and CTGRECVER controls the version of the structure. Because structures are fixed length, you change CTGRECVER every time a statistic is added to a resource group (in between releases).
zWSX_SININAME	CHAR	8	(IBM name: CTG_WSX_SININAME) Web service name
zWSX_CREQ	INT	4	(IBM name: CTG_WSX_CREQ) The current number of inflight web service transactions. These transactions might or might not be active in CICS. However, they represent one mirror transaction, which might be in a suspended state.
zWSX_IALLREQ	INT	4	(IBM name: CTG_WSX_IALLREQ) The number of web service requests that have been processed. Successful and failed requests are included.
zWSX_IAVRESP	INT	4	(IBM name: CTG_WSX_IAVRESP) The average time in milliseconds for web service x to respond to requests from remote clients. Successful and failed requests are included. This value includes the CICS response time, as provided by the corresponding CS_LAVRESP statistic.
zWSX_IREQHI	INT	4	(IBM name: CTG_WSX_IREQHI) The peak number of concurrent web service transactions that have been in flight at the same time.
zWSX_IREQDATA	HEX	8	(IBM name: CTG_WSX_IREQDATA) The amount of application request data (in bytes) received from clients of web service x.
zWSX_IRESPDATA	HEX	8	(IBM name: CTG_WSX_IRESPDATA) The amount of application response data (in bytes) returned to clients of web service x.
zWSX_LALLREQ	INT	4	(IBM name: CTG_WSX_LALLREQ) The number of web service requests that have been processed. Successful and failed requests are included.
zWSX_LAVRESP	INT	4	(IBM name: CTG_WSX_LAVRESP) The average time in milliseconds for web service x to respond to requests from remote clients. Successful and failed requests are included. This value includes the CICS response time, as provided by the corresponding CS_LAVRESP statistic.
zWSX_LREQHI	INT	4	(IBM name: CTG_WSX_LREQHI) The peak number of concurrent web service transactions that have been in flight at the same time.
zWSX_LREQDATA	HEX	8	(IBM name: CTG_WSX_LREQDATA) The amount of application request data (in bytes) received from clients of web service x.
zWSX_LRESPDATA	HEX	8	(IBM name: CTG_WSX_LRESPDATA) The amount of application response data (in bytes) returned to clients of web service x.
zWSX_SEIBTRNID	CHAR	4	(IBM name: CTG_WSX_SEIBTRNID) The CICS EIBTRNID transaction identifier for requests to this web service.
zWSX_SMIRROR	CHAR	8	(IBM name: CTG_WSX_SMIRROR) The name of the CICS mirror transaction under which requests to this web service run.
zWSX_SPROGRAM	CHAR	8	(IBM name: CTG_WSX_SPROGRAM) The name of the CICS program that implements this web service.
zWSX_SSERVER	CHAR	8	(IBM name: CTG_WSX_SSERVER) The CICS server that requests to this web service are sent.
zWSX_SURI	CHAR	256	(IBM name: CTG_WSX_SURI) The URI that requests to this web service are sent.

Record Type 113 - Hardware Statistics

SMF Record 113 (Hardware Statistics) is mapped by structure member "T113".

Primary Segment:

- [SMF113_Hardware_Stats](#)

Secondary Segment(s): 9 (in alphabetical order)

- [SMF113_Identification](#)
- [SMF113_Subsystem](#)
- [SMF113_SubType_1](#)
- [SMF113_SubType_1_CounterLCR](#)
- [SMF113_SubType_1_CounterSet](#)
- [SMF113_SubType_1_CounterSCR](#)
- [SMF113_SubType_2](#)
- [SMF113_SubType_2_Counters](#)
- [SMF113_SubType_2_CounterSet](#)

Primary segment: [SMF113_Hardware_Stats](#)

Field Name	Type	Len	Description
<i>SMF113_Hardware_Stats.<fieldname></i>			
<i>SMF113_Hardware_Stats.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM113FLG) Header flag byte: Bit Meaning when set 0 SUBSYSTEM identification follows system identification 1 SubTypeS used 2 RESERVED 3-6 Version indicators 7 RESERVED
zRTY	INT	1	(IBM name: SMF113RTY) Record type 113 (X'71')
zTME	TSTMP	8	(IBM name: SMF113TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF113SID) System identification (from the SID parameter).
zWID	CHAR	4	(IBM name: SMF113WID) Subsystem identifier.
zSTY	INT	2	(IBM name: SMF113STP) Indicates the record SubType, based on the value of SMF113STP: 1 HARDWARE event counter deltas 2 HARDWARE event counters
zSDL	INT	2	(IBM name: SMF113SDL) Length of self-defining section.
zSOF	INT	4	(IBM name: SMF113SOF) Offset to subsystem section from beginning of record type 113
zSLN	INT	2	(IBM name: SMF113SLN) Length of subsystem section
zSON	INT	2	(IBM name: SMF113SON) Number of subsystem sections
zIOF	INT	4	(IBM name: SMF113IOF) Offset to identification section from beginning of record type 113
zILN	INT	2	(IBM name: SMF113ILN) Length of identification section
zION	INT	2	(IBM name: SMF113ION) Number of identification sections
zDOF	INT	4	(IBM name: SMF113DOF) Offset to data section from beginning of record type 113
zDLN	INT	2	(IBM name: SMF113DLN) Length of data section
zDON	INT	2	(IBM name: SMF113DON) Number of data sections

Secondary segment: SMF113_Subsystem

Field Name	Type	Len	Description
<i>SMF113_Subsystem.<fieldname></i>			
zRVN	CHAR	2	(IBM name: SMF113RVN) Record version number
zPNM	CHAR	8	(IBM name: SMF113PNM) Product name
zOSL	CHAR	8	(IBM name: SMF113OSL) MVS product level

Secondary segment: SMF113_Identification

Field Name	Type	Len	Description
<i>SMF113_Identification.<fieldname></i>			
zJBN	CHAR	8	(IBM name: SMF113JBN) Job name
zRST	TSTMP	8	(IBM name: SMF113RST) Reader start time
zSTN	CHAR	8	(IBM name: SMF113STN) Step name
zIntervalStart	TSTMP	8	(IBM name: SMF113IntervalStart) Interval start time, STCK format
zIntervalEnd	TSTMP	8	(IBM name: SMF113IntervalEnd) Interval end time, STCK format

Secondary segment: SMF113_SubType_1

Field Name	Type	Len	Description
<i>SMF113_SubType_1.<fieldname></i>			
zCTS	TSTMP	8	(IBM name: SMF113_1_CTS) Time when the hardware data collection run started in STCK format
zCTM	TSTMP	8	(IBM name: SMF113_1_CTM) Time when this SMF record was written in STCK format.
zCpuld	INT	2	(IBM name: SMF113_1_Cpuld) Processor ID for which the hardware counters are recorded. Note that zero is a valid processor number.
zCpuProcClass	INT (ENUM)	1	(IBM name: SMF113_1_CpuProcClass) The processor type for which the hardware event counters are recorded.
zCpuSpeed	INT	4	(IBM name: SMF113_1_CpuSpeed) Processor speed for which the event counters are recorded. Speed is in cycles/microsecond.
zMachType	CHAR	4	(IBM name: SMF113_1_MachType) The machine type.
zMachModel	CHAR	16	(IBM name: SMF113_1_MachModel) The machine model.
zCtrVersion0	INT	2	(IBM name: SMF113_1_CtrVersion0) Zero counter version number. This number is increased when there is a

			change to the meaning of a counter in the z/OS counter set.
zCtrVersion1	INT	2	(IBM name: SMF113_1_CtrVersion1) First counter version number. This number is increased when there is a change to the meaning of a counter or the number of installed counters in the Basic or Problem-state counter sets.
zCtrVersion2	INT	2	(IBM name: SMF113_1_CtrVersion2) Second counter version number. This number is increased when there is a change to the meaning of a counter or the number of installed counters in the Crypto-activity or Extended or MT-diagnostic counter sets.
zFlags2	INT	2	(IBM name: SMF113_1_Flags2) Record flags:
zCSOF	INT	4	(IBM name: SMF113_1_CSOF) Offset to counter set section, from beginning of r SMF record type 113.
zCSLN	INT	2	(IBM name: SMF113_1_CSLN) Length of counter set section.
zCSON	INT	2	(IBM name: SMF113_1_CSON) Number of counter set sections.
zSeqCode	CHAR	16	(IBM name: SMF113_1_SeqCode) The machine sequence code.
zCoreId	INT	2	(IBM name: SMF113_1_CoreId) Core ID for which the hardware event counters are recorded. Note that zero is a valid core ID number.

Secondary segment: SMF113_SubType_1_CounterSet

Field Name	Type	Len	Description
<i>SMF113_SubType_1_CounterSet.<fieldname></i>			
zCSType	INT (ENUM)	2	(IBM name: SMF113_1_CSType) Counter set type for counters recorded

SMF113_SubType_1_CounterSet.zFlags.<fieldname>

zLCDS	BIT	1	This counter set's counter data section is mapped by SMF113_1_LCDS. Otherwise, it is mapped by SMF113_1_SCDS.
-------	-----	---	---

SMF113_SubType_1_CounterSet.<fieldname>

zCDOF	INT	4	(IBM name: SMF113_1_CDOF) Offset to counter data section for this counter set, from the beginning of the record. This can be to a SMF113_1_SCDS section or a SMF113_1_LCDS section, depending on bit 0 of SMF113_1_Flags.
zCDLN	INT	2	(IBM name: SMF113_1_CDLN) Length of counter data section.
zCDON	INT	2	(IBM name: SMF113_1_CDON) Number of counter data sections.

Secondary segment: SMF113_SubType_1_CounterSCR

Field Name	Type	Len	Description
<i>SMF113_SubType_1_CounterSCR.<fieldname></i>			
zSCR	INT	4	(IBM name: SMF113_1_SCR) Event counter value delta. This is the number of times a particular counter event has occurred since either the start of the HIS collection run, or the previous SMF 113 TYPE 1 RECORD was written.

Secondary segment: SMF113_SubType_1_CounterLCR

Field Name	Type	Len	Description
<i>SMF113_SubType_1_CounterLCR.<fieldname></i>			
zLCR	INT	8	(IBM name: SMF113_1_LCR) Event counter value delta. This is the number of times a particular counter event has occurred since either the start of the HIS collection run, or the previous SMF 113 TYPE 1 RECORD was written.

Secondary segment: SMF113_SubType_2

Field Name	Type	Len	Description
<i>SMF113_SubType_2.<fieldname></i>			
zCTS	TSTMP	8	(IBM name: SMF113_2_CTS) Time when the hardware data collection run started in STCK format
zCTM	TSTMP	8	(IBM name: SMF113_2_CTM) Time when this SMF record was written in STCK format.
zCPU#	INT	1	(IBM name: SMF113_2_CPU#) This field is deprecated, use SMF113_2_Cpuld instead. Processor number for which the hardware counters in SMF113_2_CR are recorded. Note that zero is a valid processor number.
zCpuProcClass	INT (ENUM)	1	(IBM name: SMF113_2_CpuProcClass) The processor type for which the hardware event counters are recorded.

<i>SMF113_SubType_2.zCF.<fieldname></i>			
zFirst	BIT	1	First SMF record for the hardware data collection run. The counter values are the initial values at the beginning of the run.
zInter	BIT	1	Intermediate SMF record, written by the system at defined intervals during the hardware data collection run. The counter values are intermediate values. The interval is based on the SMFINTVAL parameter specified at the start of the hardware data collection run.
zFinal	BIT	1	Final SMF record written for this hardware data collection run. The counter values are the final values.
zNonStd	BIT	1	Indicates that the SMF record was written on non-standard hardware.
zLost	BIT	1	When on, the hardware indicated the hardware has lost counter data during the current interval.

<i>SMF113_SubType_2.<fieldname></i>			
zCTRVN1	INT	2	(IBM name: SMF113_2_CTRVN1) First counter version number. This number is increased when there is a change to the meaning of a counter or a change to the number of the installed counters in the basic or problem-state counter sets.
zCTRVN2	INT	2	(IBM name: SMF113_2_CTRVN2) Second counter version number. This number is increased when there is a change to the meaning of a counter or a change to the number of the installed counters in the crypto-activity or extended counter sets. Self-defining section
zCSOF	INT	4	(IBM name: SMF113_2_CSOF) Offset to counter set section, from beginning of SMF record type 113
zCSLN	INT	2	(IBM name: SMF113_2_CSLN) Length of counter set sections
zCSON	INT	2	(IBM name: SMF113_2_CSON) Number of counter set sections
zCDOF	INT	4	

			(IBM name: SMF113_2_CDOF) Offset to counters section, from beginning of SMF record type 113
zCDLN	INT	2	(IBM name: SMF113_2_CDLN) Length of counters sections
zCDON	INT	2	(IBM name: SMF113_2_CDON) Number of counter sections CPU information section
zCPSP	INT	4	(IBM name: SMF113_2_CPSP) Processor speed for which the hardware event counters are recorded. Speed is in cycles/microsecond.
zMachType	CHAR	4	(IBM name: SMF113_2_MachType) The machine type.
zMachModel	CHAR	16	(IBM name: SMF113_2_MachModel) The machine model.
zCpuld	INT	2	(IBM name: SMF113_2_Cpuld) Processor ID for which the hardware event counters are recorded. Note that zero is a valid processor number.
zSeqCode	CHAR	16	(IBM name: SMF113_2_SeqCode) The machine sequence code.

Secondary segment: SMF113_SubType_2_CounterSet

Field Name	Type	Len	Description
<i>SMF113_SubType_2_CounterSet.<fieldname></i>			
zCST	INT (ENUM)	1	(IBM name: SMF113_2_CST) Indicates the counter set type for counters recorded in field SMF113_2_CR
zCSN	INT	2	(IBM name: SMF113_2_CSN) Number of counter sections.
zCSP	HEX	8	(IBM name: SMF113_2_CSP) Bit pattern identifying which hardware counters are being recorded. Each bit position maps to a hardware counter. For example, lets say you have a bit pattern of 'X'FC800000 00000000'. This pattern indicates that event counters 0-5 and 8 are recorded contiguously in SMF113_2_CR fields.

Secondary segment: SMF113_SubType_2_Counters

Field Name	Type	Len	Description
<i>SMF113_SubType_2_Counters.<fieldname></i>			
zCR	INT	8	(IBM name: SMF113_2_CR) Hardware event counter value. This is the absolute number of times a particular hardware counter event has occurred.

Record Type 115 - MQSeries Statistics

SMF Record 115 (MQSeries Statistics) has several subtypes, each mapped by a structure member name of the format "T115STnn" or "T115Snnn".

Record Type 115 Subtype 1 - System Information

Primary Segment:

- SMF115#01_MQSeries_Statistics

Secondary Segment(s): 4 (in alphabetical order)

- SMF115#01_Log_Manager_Statistics
- SMF115#01_Product_Correlation
- SMF115#01_Product_Standard
- SMF115#01_Storage_Manager_Statistics

Primary segment: SMF115#01_MQSeries_Statistics

Field Name	Type	Len	Description
<i>SMF115#01_MQSeries_Statistics.<fieldname></i>			
SMF115#01_MQSeries_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF115FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF115RTY) Record type 115
zTME	TSTMP	8	(IBM name: SMF115TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF115SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF115SID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF115STF) Record subtype.
zREL	CHAR	3	(IBM name: SMF115REL) IBM MQ version.

SMF115#01_MQSeries_Statistics.Self_defining_Section.<fieldname>			
zPSO	INT	4	(IBM name: SMF115PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF115PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF115PSN) Number of product sections.
zR9O	INT	4	(IBM name: SMF115R9O) Offset to the Storage Manager data section from beginning of the record (including RDW).
zR9L	INT	2	(IBM name: SMF115R9L) Length of the Storage Manager data section.
zR9N	INT	2	(IBM name: SMF115R9N) Number of Storage Manager data sections.
zRBO	INT	4	

			(IBM name: SMF115RBO) Offset to the Log Manager data section from beginning of the record (including RDW).
zRBL	INT	2	(IBM name: SMF115RBL) Length of the Log Manager data section.
zRBN	INT	2	(IBM name: SMF115RBN) Number of Log Manager data sections.

Secondary segment: **SMF115#01_Product_Standard**

Field Name	Type	Len	Description
<i>SMF115#01_Product_Standard.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF115HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF115HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF115HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF115HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF115HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF115SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF115STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF115ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF115WSEQ) Sequence number for destination.

<i>SMF115#01_Product_Standard.zHFLG.<fieldname></i>			
zSMFC	BIT	1	More SMF records follow for this interval.

<i>SMF115#01_Product_Standard.<fieldname></i>			
zSTIME	TSTMP	8	(IBM name: SMF115STIME) STCK MQ view of interval start.
zSDURN	FIXED	8 (20,6)	(IBM name: SMF115SDURN) Interval duration in seconds.

Secondary segment: **SMF115#01_Product_Correlation**

Field Name	Type	Len	Description
<i>SMF115#01_Product_Correlation.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP		1	

	INT (ENUM)		(IBM name: SMF115HTYP) Header Type.
zCAuthId	CHAR	8	(IBM name: N/A) Authorization id.
zCCV	CHAR	12	(IBM name: N/A) Correlation id value.
zCCN	CHAR	8	(IBM name: N/A) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: N/A) Original operator id.
zCATYP	HEX	4	(IBM name: N/A) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: N/A) Accounting token.
zCNID	CHAR	16	(IBM name: N/A) Network identifier.

Secondary segment: **SMF115#01_Storage_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#01_Storage_Manager_Statistics.<fieldname></i>			
zSMID	HEX	2	(IBM name: SMF115SMID) Control block id.
zSMLN	INT	2	(IBM name: SMF115SMLN) Length of control block.
zSMDESC	CHAR	4	(IBM name: SMF115SMDESC) Eye-catcher.
zSMGPLF	INT	4	(IBM name: SMF115SMGPLF) Fixed pools created.
zSMFPLF	INT	4	(IBM name: SMF115SMFPLF) Fixed pools deallocated.
zSMFREF	INT	4	(IBM name: SMF115SMFREF) Fixed pool segments freed.
zSMEXPF	INT	4	(IBM name: SMF115SMEXPF) Fixed pool segments expanded.
zSMCONF	INT	4	(IBM name: SMF115SMCONF) Fixed pool segments contracted.
zSMGPLV	INT	4	(IBM name: SMF115SMGPLV) Variable pools created.
zSMFPLV	INT	4	(IBM name: SMF115SMFPLV) Variable pools deallocated.
zSMFREV	INT	4	(IBM name: SMF115SMFREV) Variable pool segments freed.
zSMEXPV	INT	4	(IBM name: SMF115SMEXPV) Variable pool segments expanded.
zSMCONV	INT	4	(IBM name: SMF115SMCONV) Variable pool segments contracted.
zSMGETM	INT	4	(IBM name: SMF115SMGETM) GETMAIN issued to allocate storage other than fixed and variable blocks.
zSMFREM	INT	4	(IBM name: SMF115SMFREM) FREEMAIN issued to deallocate storage other than fixed and variable blocks.
zSMRCNZ	INT	4	

			(IBM name: SMF115SMRCNZ) Nonzero return codes issued by GETMAIN/FREEMAIN.
zSMCONT	INT	4	(IBM name: SMF115SMCONT) Contractions issued for short on storage.
zSMCRIT	INT	4	(IBM name: SMF115SMCRIT) Short on storage bit set.
zSMABND	INT	4	(IBM name: SMF115SMABND) Abend issued because of short on storage.
zSMCN64	INT	4	(IBM name: SMF115SMCN64) Contractions for short on 64-bit storage.
zSMCR64	INT	4	(IBM name: SMF115SMCR64) Short on 64-bit storage bit set.

Secondary segment: **SMF115#01_Log_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#01_Log_Manager_Statistics.<fieldname></i>			
zLMID	HEX	2	(IBM name: SMF115LMID) Control block id.
zLMLEN	INT	2	(IBM name: SMF115LMLEN) Length of block.
zLMDESC	CHAR	4	(IBM name: SMF115LMDESC) Eye-catcher.
zLMWRW	INT	4	(IBM name: SMF115LMWRW) Write request count, WAIT.
zLMWRNW	INT	4	(IBM name: SMF115LMWRNW) Write request count, NOWAIT.
zLMWRF	INT	4	(IBM name: SMF115LMWRF) Write request count, FORCE.
zLMWTB	INT	4	(IBM name: SMF115LMWTB) Wait count due to unavailable active buffer.
zLMRBUF	INT	4	(IBM name: SMF115LMRBUF) Log reads satisfied from output buffers.
zLMRACT	INT	4	(IBM name: SMF115LMRACT) Reads satisfied from active log data set.
zLMRARH	INT	4	(IBM name: SMF115LMRARH) Reads satisfied from archive log data set.
zLMTVC	INT	4	(IBM name: SMF115LMTVC) Number of read accesses delayed due to tape volume contention.
zLMBSDS	INT	4	(IBM name: SMF115LMBSDS) Total BSDS access requests.
zLMBFFL	INT	4	(IBM name: SMF115LMBFFL) Active log output control intervals created.
zLMBFWR	INT	4	(IBM name: SMF115LMBFWR) Count of calls to write active log buffers.
zLMALR	INT	4	(IBM name: SMF115LMALR) Archive log read allocations.
zLMALW	INT	4	(IBM name: SMF115LMALW) Archive log write allocations.
zLMCIOF	INT	4	(IBM name: SMF115LMCIOF) Count of control intervals.
zLMLLCP	INT	4	(IBM name: SMF115LMLLCP) Count of checkpoints issued.

zLMWUR	INT	4	(IBM name: SMF115LMWUR) Number of read accesses delayed due to unavailable resource.
zLMLAMA	INT	4	(IBM name: SMF115LMLAMA) Number of look-ahead tape volume mounts attempted. This field along with field QJSTLAMS, will show how many times look-ahead mounting failed, thus negating potential significant performance gains.
zLMLAMS	INT	4	(IBM name: SMF115LMLAMS) Number of look-ahead tape volume mounts performed.
zLMLSUS	INT	4	(IBM name: SMF115LMLSUS) Number of times a log request resulted in a suspend for a log write to occur.
zLMLOGW	INT	4	(IBM name: SMF115LMLOGW) Total number of log write i/o requests.
zLMCIWR	INT	4	(IBM name: SMF115LMCIWR) Total number of log CI-s written.
zLMSERW	INT	4	(IBM name: SMF115LMSERW) Number of serial log write requests for CI re-writes when dual logging.
zLMTHRW	INT	4	(IBM name: SMF115LMTHRW) Number of times a log write request was scheduled because the log write threshold was reached.
zLMBPAG	INT	4	(IBM name: SMF115LMBPAG) Number of times a log-write buffer had to be paged-in before it could be used.

SMF115#01_Log_Manager_Statistics.zLMCmp.<fieldname>

zLMCmpReq	INT	4	(IBM name: SMF115LMCmpReq) Compression requests.
zLMCmpFail	INT	4	(IBM name: SMF115LMCmpFail) Compression failures.
zLMCmpUncmp	INT	8	(IBM name: SMF115LMCmpUncmp) Uncompressed bytes.
zLMCmpComp	INT	8	(IBM name: SMF115LMCmpComp) Compressed bytes.
zLMDecReq	INT	4	(IBM name: SMF115LMDecReq) Decompression requests.
zLMDecFail	INT	4	(IBM name: SMF115LMDecFail) Decompression failures.
zLMDecUncmp	INT	8	(IBM name: SMF115LMDecUncmp) Uncompressed bytes.
zLMDecComp	INT	8	(IBM name: SMF115LMDecComp) Compressed bytes.

SMF115#01_Log_Manager_Statistics.zLMCopy1CI1.<fieldname>

zLMCopy1CI1Count	INT	4	(IBM name: SMF115LMCopy1CI1Count) Number of Writes for this log and type.
zLMCopy1CI1CI	INT	4	(IBM name: SMF115LMCopy1CI1CI) Number of CIs for this log and type.
zLMCopy1CI1TotIO	TIME	8	(IBM name: SMF115LMCopy1CI1TotIO) Total IO time in STCK units.
zLMCopy1CI1TotSus	TIME	8	(IBM name: SMF115LMCopy1CI1TotSus) Total suspend time in STCK units.
zLMCopy1CI1MaxIO	TIME	8	(IBM name: SMF115LMCopy1CI1MaxIO) Max IO time in STCK units.
zLMCopy1CI1MaxIOT	TSTMP	8	(IBM name: SMF115LMCopy1CI1MaxIOT) STCK time of max IO time incident.
zLMCopy1CI1MaxIOL	CHAR	8	(IBM name: SMF115LMCopy1CI1MaxIOL) Log name indicator of incident.

zLMCopy1C11MaxSus	TIME	8	(IBM name: SMF115LMCopy1C11MaxSus) Max suspend time in STCK units.
zLMCopy1C11MaxSusT	TSTMP	8	(IBM name: SMF115LMCopy1C11MaxSusT) STCK time of max suspend time incident.
zLMCopy1C11MqxSusL	CHAR	8	(IBM name: SMF115LMCopy1C11MqxSusL) Log name indicator of incident.

SMF115#01_Log_Manager_Statistics.zLMCopy1Cln.<fieldname>

zLMCopy1ClnCount	INT	4	(IBM name: SMF115LMCopy1ClnCount) Number of Writes for this log and type.
zLMCopy1ClnCI	INT	4	(IBM name: SMF115LMCopy1ClnCI) Number of CIs for this log and type.
zLMCopy1ClnTotIO	TIME	8	(IBM name: SMF115LMCopy1ClnTotIO) Total IO time in STCK units.
zLMCopy1ClnTotSus	TIME	8	(IBM name: SMF115LMCopy1ClnTotSus) Total suspend time in STCK units.
zLMCopy1ClnMaxIO	TIME	8	(IBM name: SMF115LMCopy1ClnMaxIO) Max IO time in STCK units.
zLMCopy1ClnMaxIOT	TSTMP	8	(IBM name: SMF115LMCopy1ClnMaxIOT) STCK time of max IO time incident.
zLMCopy1ClnMaxIOL	CHAR	8	(IBM name: SMF115LMCopy1ClnMaxIOL) Log name indicator of incident.
zLMCopy1ClnMaxSus	TIME	8	(IBM name: SMF115LMCopy1ClnMaxSus) Max suspend time in STCK units.
zLMCopy1ClnMaxSusT	TSTMP	8	(IBM name: SMF115LMCopy1ClnMaxSusT) STCK time of max suspend time incident.
zLMCopy1ClnMqxSusL	CHAR	8	(IBM name: SMF115LMCopy1ClnMqxSusL) Log name indicator of incident.

SMF115#01_Log_Manager_Statistics.zLMCopy2C11.<fieldname>

zLMCopy2C11Count	INT	4	(IBM name: SMF115LMCopy2C11Count) Number of Writes for this log and type.
zLMCopy2C11CI	INT	4	(IBM name: SMF115LMCopy2C11CI) Number of CIs for this log and type.
zLMCopy2C11TotIO	TIME	8	(IBM name: SMF115LMCopy2C11TotIO) Total IO time in STCK units.
zLMCopy2C11TotSus	TIME	8	(IBM name: SMF115LMCopy2C11TotSus) Total suspend time in STCK units.
zLMCopy2C11MaxIO	TIME	8	(IBM name: SMF115LMCopy2C11MaxIO) Max IO time in STCK units.
zLMCopy2C11MaxIOT	TSTMP	8	(IBM name: SMF115LMCopy2C11MaxIOT) STCK time of max IO time incident.
zLMCopy2C11MaxIOL	CHAR	8	(IBM name: SMF115LMCopy2C11MaxIOL) Log name indicator of incident.
zLMCopy2C11MaxSus	TIME	8	(IBM name: SMF115LMCopy2C11MaxSus) Max suspend time in STCK units.
zLMCopy2C11MaxSusT	TSTMP	8	(IBM name: SMF115LMCopy2C11MaxSusT) STCK time of max suspend time incident.
zLMCopy2C11MqxSusL	CHAR	8	(IBM name: SMF115LMCopy2C11MqxSusL) Log name indicator of incident.

SMF115#01_Log_Manager_Statistics.zLMCopy2Cln.<fieldname>

zLMCopy2ClnCount	INT	4	(IBM name: SMF115LMCopy2ClnCount) Number of Writes for this log and type.
zLMCopy2ClnCI	INT	4	(IBM name: SMF115LMCopy2ClnCI) Number of CIs for this log and type.

zLMCopy2CInTotIO	TIME	8	(IBM name: SMF115LMCopy2CInTotIO) Total IO time in STCK units.
zLMCopy2CInTotSus	TIME	8	(IBM name: SMF115LMCopy2CInTotSus) Total suspend time in STCK units.
zLMCopy2CInMaxIO	TIME	8	(IBM name: SMF115LMCopy2CInMaxIO) Max IO time in STCK units.
zLMCopy2CInMaxIOT	TSTMP	8	(IBM name: SMF115LMCopy2CInMaxIOT) STCK time of max IO time incident.
zLMCopy2CInMaxIOL	CHAR	8	(IBM name: SMF115LMCopy2CInMaxIOL) Log name indicator of incident.
zLMCopy2CInMaxSus	TIME	8	(IBM name: SMF115LMCopy2CInMaxSus) Max suspend time in STCK units.
zLMCopy2CInMaxSusT	TSTMP	8	(IBM name: SMF115LMCopy2CInMaxSusT) STCK time of max suspend time incident.
zLMCopy2CInMqxSusL	CHAR	8	(IBM name: SMF115LMCopy2CInMqxSusL) Log name indicator of incident.

SMF115#01_Log_Manager_Statistics.<fieldname>

zLMSLPTU	FIXED	8 (20,6)	(IBM name: SMF115LMSLPTU) Physical writer sleep time in seconds.
zLMIOSQU	HEX	16	(IBM name: SMF115LMIOSQU) Sum squares IO time.

Record Type 115 Subtype 2 - Message, Buffer, Paging Activity

Primary Segment:

- [SMF115#02_MQSeries_Statistics](#)

Secondary Segment(s): 10 (in alphabetical order)

- [SMF115#02_Buffer_Manager_Statistics](#)
- [SMF115#02_Coupling_Facility_Manager_Statistics](#)
- [SMF115#02_Data_Manager_Statistics](#)
- [SMF115#02_DB2_Manager_Statistics](#)
- [SMF115#02_Lock_Manager_Statistics](#)
- [SMF115#02_Message_Manager_Statistics](#)
- [SMF115#02_Product_Correlation](#)
- [SMF115#02_Product_Standard](#)
- [SMF115#02_SMDS_Statistics](#)
- [SMF115#02_Topic_Manager_Statistics](#)

Primary segment: [SMF115#02_MQSeries_Statistics](#)

Field Name	Type	Len	Description
<i>SMF115#02_MQSeries_Statistics.<fieldname></i>			
<i>SMF115#02_MQSeries_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF115FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF115RTY) Record type 115
zTME	TSTMP	8	(IBM name: SMF115TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF115SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF115SID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF115STF) Record subtype.
zREL	CHAR	3	(IBM name: SMF115REL) IBM MQ version.

<i>SMF115#02_MQSeries_Statistics.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF115PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF115PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF115PSN) Number of product sections.
zR1O	INT	4	(IBM name: SMF115R1O) Offset to the Message Manager data section from beginning of the record (including RDW).
zR1L	INT	2	(IBM name: SMF115R1L) Length of the Message Manager data section.
zR1N	INT	2	(IBM name: SMF115R1N) Number of Message Manager data sections.
zR2O	INT	4	(IBM name: SMF115R2O) Offset to the Data Manager data section from beginning of the record (including RDW).

zR2L	INT	2	(IBM name: SMF115R2L) Length of the Data Manager data section.
zR2N	INT	2	(IBM name: SMF115R2N) Number of Data Manager data sections.
zR3O	INT	4	(IBM name: SMF115R3O) Offset to the Buffer Manager data section from beginning of the record (including RDW).
zR3L	INT	2	(IBM name: SMF115R3L) Length of the Buffer Manager data section.
zR3N	INT	2	(IBM name: SMF115R3N) Number of Buffer Manager data sections.
zR4O	INT	4	(IBM name: SMF115R4O) Offset to the Lock Manager data section from beginning of the record (including RDW).
zR4L	INT	2	(IBM name: SMF115R4L) Length of the Lock Manager data section.
zR4N	INT	2	(IBM name: SMF115R4N) Number of Lock Manager data sections.
zR5O	INT	4	(IBM name: SMF115R5O) Offset to the DB2 Manager data section from beginning of the record (including RDW).
zR5L	INT	2	(IBM name: SMF115R5L) Length of the DB2 Manager data section.
zR5N	INT	2	(IBM name: SMF115R5N) Number of DB2 Manager data sections.
zR6O	INT	4	(IBM name: SMF115R6O) Offset to the Coupling Facility data section from beginning of the record (including RDW).
zR6L	INT	2	(IBM name: SMF115R6L) Length of the Coupling Facility data section.
zR6N	INT	2	(IBM name: SMF115R6N) Number of Coupling Facility data sections.
zR7O	INT	4	(IBM name: SMF115R7O) Offset to the Topic Manager data section from beginning of the record (including RDW).
zR7L	INT	2	(IBM name: SMF115R7L) Length of the Topic Manager data section.
zR7N	INT	2	(IBM name: SMF115R7N) Number of Topic Manager data sections.
zR8O	INT	4	(IBM name: SMF115R8O) Offset to the SMDS data section from beginning of the record (including RDW).
zR8L	INT	2	(IBM name: SMF115R8L) Length of the SMDS data section.
zR8N	INT	2	(IBM name: SMF115R8N) Number of SMDS data sections.

Secondary segment: SMF115#02_Product_Standard

Field Name	Type	Len	Description
SMF115#02_Product_Standard.<fieldname>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.

zHRMID	INT	1	(IBM name: SMF115HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF115HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF115HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF115HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF115HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF115SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF115STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF115ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF115WSEQ) Sequence number for destination.

SMF115#02_Product_Standard.zHFLG.<fieldname>

zSMFC	BIT	1	More SMF records follow for this interval.
-------	-----	---	--

SMF115#02_Product_Standard.<fieldname>

zSTIME	TSTMP	8	(IBM name: SMF115STIME) STCK MQ view of interval start.
zSDURN	FIXED	8 (20,6)	(IBM name: SMF115SDURN) Interval duration in seconds.

Secondary segment: SMF115#02_Product_Correlation

Field Name	Type	Len	Description
SMF115#02_Product_Correlation.<fieldname>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zCAuthId	CHAR	8	(IBM name: N/A) Authorization id.
zCCV	CHAR	12	(IBM name: N/A) Correlation id value.
zCCN	CHAR	8	(IBM name: N/A) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: N/A) Original operator id.
zCATYP	HEX	4	(IBM name: N/A) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: N/A) Accounting token.
zCNID	CHAR	16	(IBM name: N/A) Network identifier.

Secondary segment: SMF115#02_Message_Manager_Statistics

Field Name	Type	Len	Description
<i>SMF115#02_Message_Manager_Statistics.<fieldname></i>			
zMMID	HEX	2	(IBM name: SMF115MMID) Control block id.
zMMLLEN	INT	2	(IBM name: SMF115MMLLEN) Length of control block.
zMMDESC	CHAR	4	(IBM name: SMF115MMDESC) Eye-catcher.
zMMOPEN	INT	4	(IBM name: SMF115MMOPEN) Number of MQOPEN requests.
zMMCLOS	INT	4	(IBM name: SMF115MMCLOS) Number of MQCLOSE requests.
zMMGET	INT	4	(IBM name: SMF115MMGET) Number of MQGET requests.
zMMPUT	INT	4	(IBM name: SMF115MMPUT) Number of MQPUT requests.
zMMPUT1	INT	4	(IBM name: SMF115MMPUT1) Number of MQPUT1 requests.
zMMINQ	INT	4	(IBM name: SMF115MMINQ) Number of MQINQ requests.
zMMSET	INT	4	(IBM name: SMF115MMSET) Number of MQSET requests.
zMMCALH	INT	4	(IBM name: SMF115MMCALH) Number of Close All Handles reqs.
zMMSUB	INT	4	(IBM name: SMF115MMSUB) Number of Subscribes.
zMMSUBR	INT	4	(IBM name: SMF115MMSUBR) Number of Subscribe request.
zMMCB	INT	4	(IBM name: SMF115MMCB) Number of Register callback.
zMMCTL	INT	4	(IBM name: SMF115MMCTL) Number of Control.
zMMSTUS	INT	4	(IBM name: SMF115MMSTUS) Number of stat requests.
zMMPUBS	INT	4	(IBM name: SMF115MMPUBS) Number publish requests (PUT+PUT1).
zMMSPP	INT	8	(IBM name: SMF115MMSPP) Number of successful pers puts.
zMMSNP	INT	8	(IBM name: SMF115MMSNP) Number of successful non-pers puts.
zMMPBP	INT	8	(IBM name: SMF115MMPBP) Number of pers bytes put.
zMMNBP	INT	8	(IBM name: SMF115MMNBP) Number of non-pers bytes put.

Secondary segment: SMF115#02_Data_Manager_Statistics

Field Name	Type	Len	Description
<i>SMF115#02_Data_Manager_Statistics.<fieldname></i>			
zDMID	HEX	2	(IBM name: SMF115DMID) Control block id.

zDMLLEN	INT	2	(IBM name: SMF115DMLLEN) Length of control block.
zDMDESC	CHAR	4	(IBM name: SMF115DMDESC) Eye-catcher.
zDMMGET	INT	4	(IBM name: SMF115DMMGET) Number of Message Get requests.
zDMMPUT	INT	4	(IBM name: SMF115DMMPUT) Number of Message Put requests.
zDMMBLR	INT	4	(IBM name: SMF115DMMBLR) Number of Release Browse Lock requests.
zDMDCRE	INT	4	(IBM name: SMF115DMDCRE) Number of Object Create requests.
zDMDPUT	INT	4	(IBM name: SMF115DMDPUT) Number of Object Put requests.
zDMDEL	INT	4	(IBM name: SMF115DMDEL) Number of Object Delete requests.
zDMGGET	INT	4	(IBM name: SMF115DMGGET) Number of Object Get requests.
zDMDLOC	INT	4	(IBM name: SMF115DMDLOC) Number of Object Locate requests.
zDMMCNT	INT	4	(IBM name: SMF115DMMCNT) Number of Message Count requests.
zDMALST	INT	4	(IBM name: SMF115DMALST) Number of Stgclass change requests.
zDMLLOMM	INT	4	(IBM name: SMF115DMLLOMM) Number of Lock Marked Msg requests.
zDMDLMM	INT	4	(IBM name: SMF115DMDLMM) Number of Delete Marked Msg requests.
zDMENUM	INT	4	(IBM name: SMF115DMENUM) Number of Enumerate/select requests.
zDMRAIO	INT	4	(IBM name: SMF115DMRAIO) Number of Read aheads doing I/O.
zDMRABP	INT	4	(IBM name: SMF115DMRABP) Number of Read aheads from Buff Pool.
zDMGETD	INT	4	(IBM name: SMF115DMGETD) Number of Gets that got msg off disk.
zDMGETB	INT	4	(IBM name: SMF115DMGETB) Number of Gets that got msg from BP.

Secondary segment: **SMF115#02_Buffer_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#02_Buffer_Manager_Statistics.<fieldname></i>			
zBMID	HEX	2	(IBM name: SMF115BMID) Control block id.
zBMLEN	INT	2	(IBM name: SMF115BMLEN) Length of control block.
zBMDESC	CHAR	4	(IBM name: SMF115BMDESC) Eye-catcher.
zBMPOOL	INT	4	(IBM name: SMF115BMPOOL) Buffer Pool Number.
zBMNBUF	INT	4	(IBM name: SMF115BMNBUF) Number of buffers in pool.

zBMCBSL	INT	4	(IBM name: SMF115BMCBSL) Lowest Number of stealable buffers.
zBMCBS	INT	4	(IBM name: SMF115BMCBS) Number of stealable buffers.
zBMGETP	INT	4	(IBM name: SMF115BMGETP) Number of Get Page (old) requests.
zBMGETN	INT	4	(IBM name: SMF115BMGETN) Number of Get Page (new) requests.
zBMRIO	INT	4	(IBM name: SMF115BMRIO) Number of DASD read operations.
zBMSTW	INT	4	(IBM name: SMF115BMSTW) Number of Set Write Intent requests.
zBMTPW	INT	4	(IBM name: SMF115BMTPW) Number of pages written to DASD.
zBMWIO	INT	4	(IBM name: SMF115BMWIO) Number of DASD write operations.
zBMIMW	INT	4	(IBM name: SMF115BMIMW) Number of synchronous write operations.
zBMDWT	INT	4	(IBM name: SMF115BMDWT) Number of times deferred write threshold is reached.
zBMDMC	INT	4	(IBM name: SMF115BMDMC) Number of times synchronous write threshold is reached.
zBMSTL	INT	4	(IBM name: SMF115BMSTL) Number of buffer steals.
zBMSTLA	INT	4	(IBM name: SMF115BMSTLA) Number of times hash chain modified during buffer steal.
zBMSOS	INT	4	(IBM name: SMF115BMSOS) Number times suspended for no stealable buffers.

SMF115#02_Buffer_Manager_Statistics.zBMFLAG.<fieldname>

zAboveBar	BIT	1	buffer pool is located above the bar
zFixPages	BIT	1	buffer pool is backed by fixed 4KB pages otherwise pageable 4KB pages are used.

Secondary segment: SMF115#02_Lock_Manager_Statistics

Field Name	Type	Len	Description
<i>SMF115#02_Lock_Manager_Statistics.<fieldname></i>			
zLMID	HEX	2	(IBM name: SMF115LMID) Control block id.
zLMLEN	INT	2	(IBM name: SMF115LMLEN) Length of control block.
zLMDESC	CHAR	4	(IBM name: SMF115LMDESC) Eye-catcher.
zLMGETL	INT	4	(IBM name: N/A) Number of GET LOCK requests.
zLMHLDL	INT	4	(IBM name: N/A) Number of times requested lock held.
zLMRELL	INT	4	(IBM name: N/A) Number of RELEASE LOCK requests.

Secondary segment: **SMF115#02_DB2_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#02_DB2_Manager_Statistics.<fieldname></i>			
zDB2ID	HEX	2	(IBM name: SMF115DB2ID) Control block id.
zDB2LEN	INT	2	(IBM name: SMF115DB2LEN) Length of control block.
zDB2DESC	CHAR	4	(IBM name: SMF115DB2DESC) Eye-catcher.
zDB2NUMTASK	INT	4	(IBM name: SMF115DB2NUMTASK) Number of server tasks.
zDB2ACTTASK	INT	4	(IBM name: SMF115DB2ACTTASK) Number of active server tasks.
zDB2CONNCNT	INT	4	(IBM name: SMF115DB2CONNCNT) Number of connect requests.
zDB2DISCCNT	INT	4	(IBM name: SMF115DB2DISCCNT) Number of disconnect requests.
zDB2DHIGMAX	INT	4	(IBM name: SMF115DB2DHIGMAX) Max. request queue depth.
zDB2ABNDCNT	INT	4	(IBM name: SMF115DB2ABNDCNT) Number of DB2SRV task abends.
zDB2REQUCNT	INT	4	(IBM name: SMF115DB2REQUCNT) Number of request queues.
zDB2DEADCNT	INT	4	(IBM name: SMF115DB2DEADCNT) Number of deadlock timeouts.
zDB2DELECNT	INT	4	(IBM name: SMF115DB2DELECNT) Number of delete requests.
zDB2LISTCNT	INT	4	(IBM name: SMF115DB2LISTCNT) Number of list requests.
zDB2READCNT	INT	4	(IBM name: SMF115DB2READCNT) Number of read requests.
zDB2UPDTCNT	INT	4	(IBM name: SMF115DB2UPDTCNT) Number of update requests.
zDB2WRITCNT	INT	4	(IBM name: SMF115DB2WRITCNT) Number of write requests.
zDB2SCSSEL	INT	4	(IBM name: SMF115DB2SCSSEL) SCST selects - Shared Ch. status.
zDB2SCSINS	INT	4	(IBM name: SMF115DB2SCSINS) SCST inserts - Shared Ch. status.
zDB2SCSUPD	INT	4	(IBM name: SMF115DB2SCSUPD) SCST updates - Shared Ch. status.
zDB2SCSDEL	INT	4	(IBM name: SMF115DB2SCSDEL) SCST deletes - Shared Ch. status.
zDB2SSKSEL	INT	4	(IBM name: SMF115DB2SSKSEL) SSKT selects - Shared sync. key.
zDB2SSKINS	INT	4	(IBM name: SMF115DB2SSKINS) SSKT inserts - Shared sync. key.
zDB2SSKDEL	INT	4	(IBM name: SMF115DB2SSKDEL) SSKT deletes - Shared sync. key.
zDB2SCSBFTS	INT	4	(IBM name: SMF115DB2SCSBFTS) SCST Number of times buffer too small.
zDB2SCSMAXR	INT	4	(IBM name: SMF115DB2SCSMAXR) SCST maximum rows on query.
zDB2DELETCUW	TIME	8	(IBM name: SMF115DB2DELETCUW) Total elapse time - Thread delete.

zDB2DELETMXW	TIME	8	(IBM name: SMF115DB2DELETMXW) Maximum elapse time - Thread delete.
zDB2DELESCUW	TIME	8	(IBM name: SMF115DB2DELESCUW) Total elapse time - SQL delete.
zDB2DELESMXW	TIME	8	(IBM name: SMF115DB2DELESMXW) Maximum elapse time - SQL delete.
zDB2LISTTCUW	TIME	8	(IBM name: SMF115DB2LISTTCUW) Total elapse time - Thread list.
zDB2LISTTMXW	TIME	8	(IBM name: SMF115DB2LISTTMXW) Maximum elapse time - Thread list.
zDB2LISTSCUW	TIME	8	(IBM name: SMF115DB2LISTSCUW) Total elapse time - SQL list.
zDB2LISTSMXW	TIME	8	(IBM name: SMF115DB2LISTSMXW) Maximum elapse time - SQL list.
zDB2READTCUW	TIME	8	(IBM name: SMF115DB2READTCUW) Total elapse time - Thread read.
zDB2READTMXW	TIME	8	(IBM name: SMF115DB2READTMXW) Maximum elapse time - Thread read.
zDB2READSCUW	TIME	8	(IBM name: SMF115DB2READSCUW) Total elapse time - SQL read.
zDB2READSMXW	TIME	8	(IBM name: SMF115DB2READSMXW) Maximum elapse time - SQL read.
zDB2UPDTCUW	TIME	8	(IBM name: SMF115DB2UPDTCUW) Total elapse time - Thread update.
zDB2UPDTTMXW	TIME	8	(IBM name: SMF115DB2UPDTTMXW) Maximum elapse time - Thread update.
zDB2UPDTSCUW	TIME	8	(IBM name: SMF115DB2UPDTSCUW) Total elapse time - SQL update.
zDB2UPDTSMXW	TIME	8	(IBM name: SMF115DB2UPDTSMXW) Maximum elapse time - SQL update.
zDB2WRITTCUW	TIME	8	(IBM name: SMF115DB2WRITTCUW) Total elapse time - Thread write.
zDB2WRITTMXW	TIME	8	(IBM name: SMF115DB2WRITTMXW) Maximum elapse time - Thread write.
zDB2WRITSCUW	TIME	8	(IBM name: SMF115DB2WRITSCUW) Total elapse time - SQL write.
zDB2WRITSMXW	TIME	8	(IBM name: SMF115DB2WRITSMXW) Maximum elapse time - SQL write.
zDB2SCSSTCUW	TIME	8	(IBM name: SMF115DB2SCSSTCUW) Total elapse time - Thread select.
zDB2SCSSTMXW	TIME	8	(IBM name: SMF115DB2SCSSTMXW) Maximum elapse time - Thread select.
zDB2SCSSCUW	TIME	8	(IBM name: SMF115DB2SCSSCUW) Total elapse time - SQL select.
zDB2SCSSMXW	TIME	8	(IBM name: SMF115DB2SCSSMXW) Maximum elapse time - SQL select.
zDB2SCSITCUW	TIME	8	(IBM name: SMF115DB2SCSITCUW) Total elapse time - Thread insert.
zDB2SCSITMXW	TIME	8	(IBM name: SMF115DB2SCSITMXW) Maximum elapse time - Thread insert.
zDB2SCSISCUW	TIME	8	(IBM name: SMF115DB2SCSISCUW) Total elapse time - SQL insert.
zDB2SCSISMXW	TIME	8	(IBM name: SMF115DB2SCSISMXW) Maximum elapse time - SQL insert.
zDB2SCSUTCUW	TIME	8	(IBM name: SMF115DB2SCSUTCUW) Total elapse time - Thread update.

zDB2SCSUTMXW	TIME	8	(IBM name: SMF115DB2SCSUTMXW) Maximum elapse time - Thread update.
zDB2SCSUSCUW	TIME	8	(IBM name: SMF115DB2SCSUSCUW) Total elapse time - SQL update.
zDB2SCSUSMXW	TIME	8	(IBM name: SMF115DB2SCSUSMXW) Maximum elapse time - SQL update.
zDB2SCSDTCUW	TIME	8	(IBM name: SMF115DB2SCSDTCUW) Total elapse time - Thread delete.
zDB2SCSDTMXW	TIME	8	(IBM name: SMF115DB2SCSDTMXW) Maximum elapse time - Thread delete.
zDB2SCSDSCUW	TIME	8	(IBM name: SMF115DB2SCSDSCUW) Total elapse time - SQL delete.
zDB2SCSDSMXW	TIME	8	(IBM name: SMF115DB2SCSDSMXW) Maximum elapse time - SQL delete.
zDB2SSKSTCUW	TIME	8	(IBM name: SMF115DB2SSKSTCUW) Total elapse time - Thread select.
zDB2SSKSTMXW	TIME	8	(IBM name: SMF115DB2SSKSTMXW) Maximum elapse time - Thread select.
zDB2SSKSSCUW	TIME	8	(IBM name: SMF115DB2SSKSSCUW) Total elapse time - SQL select.
zDB2SSKSSMXW	TIME	8	(IBM name: SMF115DB2SSKSSMXW) Maximum elapse time - SQL select.
zDB2SSKITCUW	TIME	8	(IBM name: SMF115DB2SSKITCUW) Total elapse time - Thread insert.
zDB2SSKITMXW	TIME	8	(IBM name: SMF115DB2SSKITMXW) Maximum elapse time - Thread insert.
zDB2SSKISCUW	TIME	8	(IBM name: SMF115DB2SSKISCUW) Total elapse time - SQL insert.
zDB2SSKISMXW	TIME	8	(IBM name: SMF115DB2SSKISMXW) Maximum elapse time - SQL insert.
zDB2SSKDTCUW	TIME	8	(IBM name: SMF115DB2SSKDTCUW) Total elapse time - Thread delete.
zDB2SSKDTMXW	TIME	8	(IBM name: SMF115DB2SSKDTMXW) Maximum elapse time - Thread delete.
zDB2SSKDSCUW	TIME	8	(IBM name: SMF115DB2SSKDSCUW) Total elapse time - SQL delete.
zDB2SSKDSMXW	TIME	8	(IBM name: SMF115DB2SSKDSMXW) Maximum elapse time - SQL delete.
zDB2LMSSEL	INT	4	(IBM name: SMF115DB2LMSSEL) Number of DB2 BLOB read requests.
zDB2LMSINS	INT	4	(IBM name: SMF115DB2LMSINS) Number of DB2 BLOB insert requests.
zDB2LMSUPD	INT	4	(IBM name: SMF115DB2LMSUPD) Number of DB2 BLOB update requests.
zDB2LMSDEL	INT	4	(IBM name: SMF115DB2LMSDEL) Number of DB2 BLOB delete requests.
zDB2LMSLIS	INT	4	(IBM name: SMF115DB2LMSLIS) Number of DB2 BLOB list requests.
zDB2LMSSTCUW	INT	8	(IBM name: SMF115DB2LMSSTCUW) Total elapse time - thd. BLOB read.
zDB2LMSSTMXW	INT	8	(IBM name: SMF115DB2LMSSTMXW) Max Elapse time - thd. BLOB read.
zDB2LMSSSCUW	INT	8	(IBM name: SMF115DB2LMSSSCUW) Total elapse time - SQL BLOB read.
zDB2LMSSSMXW	INT	8	(IBM name: SMF115DB2LMSSSMXW) Max Elapse time - SQL BLOB read.

zDB2LMSITCUW	INT	8	(IBM name: SMF115DB2LMSITCUW) Total elapse time - thd. BLOB write.
zDB2LMSITMXW	INT	8	(IBM name: SMF115DB2LMSITMXW) Max Elapse time - thd. BLOB write.
zDB2LMSISCUW	INT	8	(IBM name: SMF115DB2LMSISCUW) Total elapse time - SQL BLOB write.
zDB2LMSISMXW	INT	8	(IBM name: SMF115DB2LMSISMXW) Max Elapse time - SQL BLOB write.
zDB2LMSUTCW	INT	8	(IBM name: SMF115DB2LMSUTCW) Total elapse time - thd. BLOB update.
zDB2LMSUTMXW	INT	8	(IBM name: SMF115DB2LMSUTMXW) Max Elapse time - thd. BLOB update.
zDB2LMSUSCUW	INT	8	(IBM name: SMF115DB2LMSUSCUW) Total elapse time - SQL BLOB update.
zDB2LMSUSMXW	INT	8	(IBM name: SMF115DB2LMSUSMXW) Max Elapse time - SQL BLOB update.
zDB2LMSDTCW	INT	8	(IBM name: SMF115DB2LMSDTCW) Total elapse time - thd. BLOB delete.
zDB2LMSDTMXW	INT	8	(IBM name: SMF115DB2LMSDTMXW) Max Elapse time - thd. BLOB delete.
zDB2LMSDSCW	INT	8	(IBM name: SMF115DB2LMSDSCW) Total elapse time - SQL BLOB delete.
zDB2LMSDSMXW	INT	8	(IBM name: SMF115DB2LMSDSMXW) Max Elapse time - SQL BLOB delete.
zDB2LMSLTCW	INT	8	(IBM name: SMF115DB2LMSLTCW) Total elapse time - thd. BLOB list.
zDB2LMSLTMXW	INT	8	(IBM name: SMF115DB2LMSLTMXW) Max Elapse time - thd. BLOB list.
zDB2LMSLSCW	INT	8	(IBM name: SMF115DB2LMSLSCW) Total elapse time - SQL BLOB list.
zDB2LMSLSMXW	INT	8	(IBM name: SMF115DB2LMSLSMXW) Max Elapse time - SQL BLOB list.

Secondary segment: **SMF115#02_Coupling_Facility_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#02_Coupling_Facility_Manager_Statistics.<fieldname></i>			
zCFID	HEX	2	(IBM name: SMF115CFID) Control block id.
zCFLEN	INT	2	(IBM name: SMF115CFLEN) Length of control block.
zCFDESC	CHAR	4	(IBM name: SMF115CFDESC) Eye-catcher.

SMF115#02_Coupling_Facility_Manager_Statistics.zCFSTUC.<fieldname>			
zCFSTR	CHAR	12	(IBM name: SMF115CFSTR) Structure name.
zCFSTRN	INT	4	(IBM name: SMF115CFSTRN) Structure number.
zCFCSEC	INT	4	(IBM name: SMF115CFCSEC) Number of IXLLSTE calls.
zCFCMEC	INT	4	(IBM name: SMF115CFCMEC) Number of IXLLSTM calls.

zCFSSTC	TIME	8	(IBM name: SMF115CFSSTC) Time spent doing IXLLSTE Calls.
zCFMSTC	TIME	8	(IBM name: SMF115CFMSTC) Time spent doing IXLLSTM calls.
zCFRSEC	INT	4	(IBM name: SMF115CFRSEC) Number of IXLLSTE redrives.
zCFRMEC	INT	4	(IBM name: SMF115CFRMEC) Number of IXLLSTM redrives.
zCFSFUL	INT	4	(IBM name: SMF115CFSFUL) Number of structure fulls.
zCFMNUS	INT	4	(IBM name: SMF115CFMNUS) Max number of entries in use.
zCFMLUS	INT	4	(IBM name: SMF115CFMLUS) Max number of elements in use.

Secondary segment: **SMF115#02_Topic_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#02_Topic_Manager_Statistics.<fieldname></i>			
zTMID	HEX	2	(IBM name: SMF115TMID) Control block id.
zTMLLEN	INT	2	(IBM name: SMF115TMLLEN) Length of control block.
zTMDESC	CHAR	4	(IBM name: SMF115TMDESC) Eye-catcher.
zTMSTOT	INT	4	(IBM name: SMF115TMSTOT) Total subscription requests.
zTMSDUR	INT	4	(IBM name: SMF115TMSDUR) Durable subscription requests.
zTMSHIG_API	INT	4	(IBM name: N/A) Subscription high water mark - API.
zTMSHIG_ADMIN	INT	4	(IBM name: N/A) Subscription high water mark - ADMIN.
zTMSHIG_PROXY	INT	4	(IBM name: N/A) Subscription high water mark - PROXY.
zTMSLOW_API	INT	4	(IBM name: N/A) Subscription low water mark - API.
zTMSLOW_ADMIN	INT	4	(IBM name: N/A) Subscription low water mark - ADMIN.
zTMSLOW_PROXY	INT	4	(IBM name: N/A) Subscription low water mark - PROXY.
zTMSEXP	INT	4	(IBM name: SMF115TMSEXP) Subscriptions expired.
zTMTMSG	INT	4	(IBM name: SMF115TMTMSG) Total msgs put to Subscription queue.
zTMSPHW	INT	4	(IBM name: SMF115TMSPHW) Single publish subscriber high water mark.
zTMPTOT_API	INT	4	(IBM name: N/A) Total Publication requests - API.
zTMPTOT_ADMIN	INT	4	(IBM name: N/A) Total Publication requests - ADMIN.
zTMPTOT_PROXY	INT	4	(IBM name: N/A) Total Publication requests - PROXY.

zTMPHIG	INT	4	(IBM name: SMF115TMPHIG) Total publish high water mark.
zTMPLOW	INT	4	(IBM name: SMF115TMPLOW) Total publish low water mark.
zTMPNOS	INT	4	(IBM name: SMF115TMPNOS) Count of publishes to no subscriber.
zTMETHW	TIME	8	(IBM name: SMF115TMETHW) Elapse time high water mark on publish.
zTMETTO	TIME	8	(IBM name: SMF115TMETTO) Elapse time total on publish.

Secondary segment: **SMF115#02_SMDS_Statistics**

Field Name	Type	Len	Description
<i>SMF115#02_SMDS_Statistics.<fieldname></i>			
zSDID	HEX	2	(IBM name: SMF115SDID) Control block id.
zSDLEN	INT	2	(IBM name: SMF115SDLEN) Length of control block.
zSDDESC	CHAR	4	(IBM name: SMF115SDDESC) Eye-catcher.
zSDSTR	CHAR	12	(IBM name: SMF115SDSTR) Application structure name.
zSDSTRN	INT	4	(IBM name: SMF115SDSTRN) Structure number.

SMF115#02_SMDS_Statistics.zSDSM.<fieldname>

<i>SMF115#02_SMDS_Statistics.zSDSM.zSDSMU.<fieldname></i>			
zSDSMBT	INT	4	(IBM name: SMF115SDSMBT) Logical blocks total for SMDS.
zSDSMBS	INT	4	(IBM name: SMF115SDSMBS) Logical blocks for space map.
zSDSMBD	INT	4	(IBM name: SMF115SDSMBD) Logical blocks for message data.
zSDSMBU	INT	4	(IBM name: SMF115SDSMBU) Data blocks currently in use.
zSDSMBF	INT	4	(IBM name: SMF115SDSMBF) Data blocks currently free.
zSDSMMC	INT	4	(IBM name: SMF115SDSMMC) Count of messages in data set.

SMF115#02_SMDS_Statistics.zSDSM.zSDSMC.<fieldname>

zSDSMAR	INT	4	(IBM name: SMF115SDSMAR) Allocated space for message.
zSDSMFR	INT	4	(IBM name: SMF115SDSMFR) Freed space.
zSDSMRR	INT	4	(IBM name: SMF115SDSMRR) Reallocated space (for restart).
zSDSMCR	INT	4	(IBM name: SMF115SDSMCR) Cleaned up space (normal close).
zSDSMAP	INT	4	(IBM name: SMF115SDSMAP) Allocated pages.

zSDSMFP	INT	4	(IBM name: SMF115SDSMFP) Freed pages.
zSDSMRP	INT	4	(IBM name: SMF115SDSMRP) Reallocated pages.
zSDSMCP	INT	4	(IBM name: SMF115SDSMCP) Clean up pages released.
zSDSMFL	INT	4	(IBM name: SMF115SDSMFL) Allocate failed, data set full.

SMF115#02_SMDS_Statistics.zSDSM.zSDSM.*<fieldname>*

zSDSMMM	INT	4	(IBM name: SMF115SDSMMM) Maximum message count.
zSDSMMU	INT	4	(IBM name: SMF115SDSMMU) Maximum used blocks.
zSDSMMF	INT	4	(IBM name: SMF115SDSMMF) Minimum free blocks.

SMF115#02_SMDS_Statistics.zSDBF.*<fieldname>***SMF115#02_SMDS_Statistics.zSDBF.zSDBFU.*<fieldname>***

zSDBFSZ	INT	4	(IBM name: SMF115SDBFSZ) Buffer size in bytes.
zSDBFTO	INT	4	(IBM name: SMF115SDBFTO) Total buffers in pool.
zSDBFUS	INT	4	(IBM name: SMF115SDBFUS) Used shared buffers.
zSDBFUP	INT	4	(IBM name: SMF115SDBFUP) Used private buffers.
zSDBFFS	INT	4	(IBM name: SMF115SDBFFS) Free saved buffers.
zSDBFFE	INT	4	(IBM name: SMF115SDBFFE) Free empty buffers.
zSDBFPW	INT	4	(IBM name: SMF115SDBFPW) Pool waiters (for any buffer).
zSDBFBW	INT	4	(IBM name: SMF115SDBFBW) Buffer waiters (buffer busy).

SMF115#02_SMDS_Statistics.zSDBF.zSDBFC.*<fieldname>*

zSDBFGB	INT	4	(IBM name: SMF115SDBFGB) Number of times got a buffer.
zSDBFGV	INT	4	(IBM name: SMF115SDBFGV) Got valid buffer.
zSDBFGM	INT	4	(IBM name: SMF115SDBFGM) Got matching buffer but empty.
zSDBFGF	INT	4	(IBM name: SMF115SDBFGF) Got a free empty buffer.
zSDBFGL	INT	4	(IBM name: SMF115SDBFGL) Got (stole) LRU saved buffer.
zSDBFGN	INT	4	(IBM name: SMF115SDBFGN) Got no buffer (conditional).
zSDBFRR	INT	4	(IBM name: SMF115SDBFRR) Number of read requests.
zSDBFRS	INT	4	(IBM name: SMF115SDBFRS) Number of times read saved.
zSDBFRP	INT	4	(IBM name: SMF115SDBFRP) Number of times read partial.

zSDBFWR	INT	4	(IBM name: SMF115SDBFWR) Number of write requests.
zSDBFFB	INT	4	(IBM name: SMF115SDBFFB) Freed buffer with valid data.
zSDBFDB	INT	4	(IBM name: SMF115SDBFDB) Discarded buffer as empty.
zSDBFWP	INT	4	(IBM name: SMF115SDBFWP) Waited for pool (free buffer).
zSDBFWB	INT	4	(IBM name: SMF115SDBFWB) Waited for buffer (when busy).
zSDBFPT	TIME	8	(IBM name: SMF115SDBFPT) Total pool wait time.
zSDBFBT	TIME	8	(IBM name: SMF115SDBFBT) Total buffer wait time.

SMF115#02_SMDS_Statistics.zSDBF.zSDBFM.<fieldname>

zSDBFMU	INT	4	(IBM name: SMF115SDBFMU) Maximum used buffers.
zSDBFMF	INT	4	(IBM name: SMF115SDBFMF) Minimum free buffers.
zSDBFMP	INT	4	(IBM name: SMF115SDBFMP) Max number of pool waiters.
zSDBFMB	INT	4	(IBM name: SMF115SDBFMB) Max number of buffer waiters.

SMF115#02_SMDS_Statistics.zSDIO.<fieldname>
SMF115#02_SMDS_Statistics.zSDIO.zSDIOU.<fieldname>

zSDIOHA	INT	4	(IBM name: SMF115SDIOHA) High allocated control interval.
zSDIOHU	INT	4	(IBM name: SMF115SDIOHU) High used control interval.
zSDIOCI	INT	4	(IBM name: SMF115SDIOCI) Control interval size.
zSDIOCA	INT	4	(IBM name: SMF115SDIOCA) Control area size.

SMF115#02_SMDS_Statistics.zSDIO.zSDIOC.<fieldname>
SMF115#02_SMDS_Statistics.zSDIO.zSDIOC.zSDIOF.<fieldname>

zSDIOFR	INT	4	(IBM name: SMF115SDIOFR) Format write (extend) requests.
zSDIOFP	INT	4	(IBM name: SMF115SDIOFP) Format total pages.
zSDIOFT	INT	8	(IBM name: SMF115SDIOFT) Format I/O time.
zSDIOFW	TIME	8	(IBM name: SMF115SDIOFW) Format wait time.

SMF115#02_SMDS_Statistics.zSDIO.zSDIOC.zSDIOW.<fieldname>

zSDIOWR	INT	4	(IBM name: SMF115SDIOWR) Write requests.
zSDIOWP	INT	4	(IBM name: SMF115SDIOWP) Write total pages.
zSDIOWT	INT	8	(IBM name: SMF115SDIOWT) Write I/O time.

zSDIOWW	TIME	8	(IBM name: SMF115SDIOWW) Write wait time.
---------	------	---	--

SMF115#02_SMDS_Statistics.zSDIO.zSDIOC.zSDIOR.<fieldname>			
zSDIORR	INT	4	(IBM name: SMF115SDIORR) Local read requests.
zSDIORP	INT	4	(IBM name: SMF115SDIORP) Local read total pages.
zSDIORT	INT	8	(IBM name: SMF115SDIORT) Local read I/O time.
zSDIORW	TIME	8	(IBM name: SMF115SDIORW) Local read wait time.

SMF115#02_SMDS_Statistics.zSDIO.zSDIOC.zSDIOO.<fieldname>			
zSDIOOR	INT	4	(IBM name: SMF115SDIOOR) Other read requests.
zSDIOOP	INT	4	(IBM name: SMF115SDIOOP) Other read total pages.
zSDIOOT	INT	8	(IBM name: SMF115SDIOOT) Other read I/O time.
zSDIOOW	TIME	8	(IBM name: SMF115SDIOOW) Other read wait time.

Record Type 115 Subtype 201 - MQSeries Statistics

Primary Segment:

- [SMF115#201_MQSeries_Statistics](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF115#201_Data_Manager_Page_Set](#)
- [SMF115#201_Product_Correlation](#)
- [SMF115#201_Product_Standard](#)

Primary segment: [SMF115#201_MQSeries_Statistics](#)

Field Name	Type	Len	Description
<i>SMF115#201_MQSeries_Statistics.<fieldname></i>			
<i>SMF115#201_MQSeries_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF115FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF115RTY) Record type 115
zTME	TSTMP	8	(IBM name: SMF115TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF115SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF115SID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF115STF) Record subtype.
zREL	CHAR	3	(IBM name: SMF115REL) IBM MQ version.
<i>SMF115#201_MQSeries_Statistics.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF115PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF115PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF115PSN) Number of product sections.
zR1O	INT	4	(IBM name: SMF115R1O) Offset to the Data Manager Page Set section from the beginning of the record (including RDW).
zR1L	INT	2	(IBM name: SMF115R1L) Length of the Data Manager Page Set section.
zR1N	INT	2	(IBM name: SMF115R1N) Number of Data Manager Page Sets.

Secondary segment: [SMF115#201_Product_Standard](#)

Field Name	Type	Len	Description
<i>SMF115#201_Product_Standard.<fieldname></i>			
zHLEN	INT	2	

			(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF115HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF115HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF115HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF115HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF115HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF115SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF115STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF115ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF115WSEQ) Sequence number for destination.

SMF115#201_Product_Standard.zHFLG.<fieldname>			
zSMFC	BIT	1	More SMF records follow for this interval.

SMF115#201_Product_Standard.<fieldname>			
zSTIME	TSTMP	8	(IBM name: SMF115STIME) STCK MQ view of interval start.
zSDURN	FIXED	8 (20,6)	(IBM name: SMF115SDURN) Interval duration in seconds.

Secondary segment: **SMF115#201_Product_Correlation**

Field Name	Type	Len	Description
SMF115#201_Product_Correlation.<fieldname>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zCAuthId	CHAR	8	(IBM name: N/A) Authorization id.
zCCV	CHAR	12	(IBM name: N/A) Correlation id value.
zCCN	CHAR	8	(IBM name: N/A) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: N/A) Original operator id.
zCATYP	HEX	4	(IBM name: N/A) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: N/A) Accounting token.

zCNID	CHAR	16	(IBM name: N/A) Network identifier.
-------	------	----	--

Secondary segment: **SMF115#201_Data_Manager_Page_Set**

Field Name	Type	Len	Description
<i>SMF115#201_Data_Manager_Page_Set.<fieldname></i>			
zPGID	HEX	2	(IBM name: SMF115PGID) Control block id.
zPGLN	INT	2	(IBM name: SMF115PGLN) Length of control block.
zPGDESC	CHAR	4	(IBM name: SMF115PGDESC) Eye-catcher.
zPGPSNO	INT	4	(IBM name: SMF115PGPSNO) Pageset number.
zPGBPNO	INT	4	(IBM name: SMF115PGBPNO) Associate buffer pool number.
zPGTOPG	INT	4	(IBM name: SMF115PGTOPG) Total pages.
zPGUNPG	INT	4	(IBM name: SMF115PGUNPG) Current unused pages.
zPGPPG	INT	4	(IBM name: SMF115PGPPG) Persistent used pages.
zPGNPPG	INT	4	(IBM name: SMF115PGNPPG) Non-Persistent used pages.
zPGFULL	INT	4	(IBM name: SMF115PGFULL) Times of pageset full.
zPGPCHI	INT	4	(IBM name: SMF115PGPCHI) Put cursor high value.
zPGDWPN	INT	4	(IBM name: SMF115PGDWPN) Number of write page I/Os.
zPGDWPP	INT	4	(IBM name: SMF115PGDWPP) Number of pages written.
zPGDWPT	TIME	8	(IBM name: SMF115PGDWPT) Total write I/O time.
zPGIMWN	INT	4	(IBM name: SMF115PGIMWN) Number of IMW page I/Os.
zPGIMWP	INT	4	(IBM name: SMF115PGIMWP) Number of pages IMW.
zPGIMWT	TIME	8	(IBM name: SMF115PGIMWT) Total IMW I/O time.
zPGGETN	INT	4	(IBM name: SMF115PGGETN) Number of read page I/Os.
zPGGETP	INT	4	(IBM name: SMF115PGGETP) Number of pages read.
zPGGETT	TIME	8	(IBM name: SMF115PGGETT) Total read I/O time.
zPGCKPP	INT	4	(IBM name: SMF115PGCKPP) Pages written in checkpoints.
zPGEXPN	INT	2	(IBM name: SMF115PGEXPN) Number of extends.
zPGSTRN	CHAR	1	(IBM name: SMF115PGSTRN) Number of stripes.

zPGEXPM	CHAR	1	(IBM name: SMF115PGEXPM) Expansion method see MQUSAGE_EXPAND*.
zPGSTAT	CHAR	1	(IBM name: SMF115PGSTAT) Pageset status, see MQUSAGE_PS_*.

SMF115#201_Data_Manager_Page_Set.zPGFLAG.<fieldname>

zExp	BIT	1	Is expansion occurred.
------	-----	---	------------------------

Record Type 115 Subtype 215 - Bufferpool Information

Primary Segment:

- [SMF115#215_MQSeries_Statistics](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF115#215_Buffer_Manager_Statistics](#)
- [SMF115#215_Product_Correlation](#)
- [SMF115#215_Product_Standard](#)

Primary segment: [SMF115#215_MQSeries_Statistics](#)

Field Name	Type	Len	Description
<i>SMF115#215_MQSeries_Statistics.<fieldname></i>			
<i>SMF115#215_MQSeries_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF115FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF115RTY) Record type 115
zTME	TSTMP	8	(IBM name: SMF115TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF115SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF115SID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF115STF) Record subtype.
zREL	CHAR	3	(IBM name: SMF115REL) IBM MQ version.
<i>SMF115#215_MQSeries_Statistics.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF115PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF115PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF115PSN) Number of product sections.
zR1O	INT	4	(IBM name: SMF115R1O) Offset to the Buffer Manager data section from beginning of the record (including RDW).
zR1L	INT	2	(IBM name: SMF115R1L) Length of the Buffer Manager data section.
zR1N	INT	2	(IBM name: SMF115R1N) Number of Buffer Manager data sections.

Secondary segment: [SMF115#215_Product_Standard](#)

Field Name	Type	Len	Description
<i>SMF115#215_Product_Standard.<fieldname></i>			
zHLEN	INT	2	

			(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF115HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF115HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF115HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF115HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF115HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF115SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF115STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF115ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF115WSEQ) Sequence number for destination.

SMF115#215_Product_Standard.zHFLG.<fieldname>

zSMFC	BIT	1	More SMF records follow for this interval.
-------	-----	---	--

SMF115#215_Product_Standard.<fieldname>

zSTIME	TSTMP	8	(IBM name: SMF115STIME) STCK MQ view of interval start.
zSDURN	FIXED	8 (20,6)	(IBM name: SMF115SDURN) Interval duration in seconds.

Secondary segment: SMF115#215_Product_Correlation

Field Name	Type	Len	Description
SMF115#215_Product_Correlation.<fieldname>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zCAuthId	CHAR	8	(IBM name: N/A) Authorization id.
zCCV	CHAR	12	(IBM name: N/A) Correlation id value.
zCCN	CHAR	8	(IBM name: N/A) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: N/A) Original operator id.
zCATYP	HEX	4	(IBM name: N/A) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: N/A) Accounting token.

zCNID	CHAR	16	(IBM name: N/A) Network identifier.
-------	------	----	--

Secondary segment: **SMF115#215_Buffer_Manager_Statistics**

Field Name	Type	Len	Description
<i>SMF115#215_Buffer_Manager_Statistics.<fieldname></i>			
zBMID	HEX	2	(IBM name: SMF115BMID) Control block id.
zBMLEN	INT	2	(IBM name: SMF115BMLEN) Length of control block.
zBMDESC	CHAR	4	(IBM name: SMF115BMDESC) Eye-catcher.
zBMPOOL	INT	4	(IBM name: SMF115BMPOOL) Buffer Pool Number.
zBMNBUF	INT	4	(IBM name: SMF115BMNBUF) Number of buffers in pool.
zBMCBSL	INT	4	(IBM name: SMF115BMCBSL) Lowest Number of stealable buffers.
zBMCBS	INT	4	(IBM name: SMF115BMCBS) Number of stealable buffers.
zBMGETP	INT	4	(IBM name: SMF115BMGETP) Number of Get Page (old) requests.
zBMGETN	INT	4	(IBM name: SMF115BMGETN) Number of Get Page (new) requests.
zBMRIO	INT	4	(IBM name: SMF115BMRIO) Number of DASD read operations.
zBMSTW	INT	4	(IBM name: SMF115BMSTW) Number of Set Write Intent requests.
zBMTPW	INT	4	(IBM name: SMF115BMTPW) Number of pages written to DASD.
zBMWIO	INT	4	(IBM name: SMF115BMWIO) Number of DASD write operations.
zBMIMW	INT	4	(IBM name: SMF115BMIMW) Number of synchronous write operations.
zBMDWT	INT	4	(IBM name: SMF115BMDWT) Number of times deferred write threshold is reached.
zBMDMC	INT	4	(IBM name: SMF115BMDMC) Number of times synchronous write threshold is reached.
zBMSTL	INT	4	(IBM name: SMF115BMSTL) Number of buffer steals.
zBMSTLA	INT	4	(IBM name: SMF115BMSTLA) Number of times hash chain modified during buffer steal.
zBMSOS	INT	4	(IBM name: SMF115BMSOS) Number times suspended for no stealable buffers.
<i>SMF115#215_Buffer_Manager_Statistics.zBMFLAG.<fieldname></i>			
zAboveBar	BIT	1	buffer pool is located above the bar
zFixPages	BIT	1	buffer pool is backed by fixed 4KB pages otherwise pageable 4KB pages are used.

Record Type 115 Subtype 231 - Channel Initiator Statistics

Primary Segment:

- SMF115#231_MQSeries_Statistics

Secondary Segment(s): 7 (in alphabetical order)

- SMF115#231_Adapter_Task
- SMF115#231_Channel_Initiator
- SMF115#231_Dispatcher_Task
- SMF115#231_DNS_Task
- SMF115#231_Product_Correlation
- SMF115#231_Product_Standard
- SMF115#231_SSL_Task

Primary segment: SMF115#231_MQSeries_Statistics

Field Name	Type	Len	Description
<i>SMF115#231_MQSeries_Statistics.<fieldname></i>			
<i>SMF115#231_MQSeries_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF115FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF115RTY) Record type 115
zTME	TSTMP	8	(IBM name: SMF115TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF115SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF115SID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF115STF) Record subtype.
zREL	CHAR	3	(IBM name: SMF115REL) IBM MQ version.
<i>SMF115#231_MQSeries_Statistics.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF115PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF115PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF115PSN) Number of product sections.
zR1O	INT	4	(IBM name: SMF115R1O) Offset to the Channel Initiator data section from beginning of the record (including RDW).
zR1L	INT	2	(IBM name: SMF115R1L) Length of the Channel Initiator data section.
zR1N	INT	2	(IBM name: SMF115R1N) Number of Channel Initiator data sections.
zR2O	INT	4	(IBM name: SMF115R2O) Offset to the Dispatcher Task data section from beginning of the record (including RDW).
zR2L	INT	2	(IBM name: SMF115R2L) Length of the Dispatcher Task data section.
zR2N	INT	2	

			(IBM name: SMF115R2N) Number of Dispatcher Task data sections.
zR3O	INT	4	(IBM name: SMF115R3O) Offset to the Adapter Task data section from beginning of the record (including RDW).
zR3L	INT	2	(IBM name: SMF115R3L) Length of the Adapter Task data section.
zR3N	INT	2	(IBM name: SMF115R3N) Number of Adapter Task data sections.
zR4O	INT	4	(IBM name: SMF115R4O) Offset to the SSL Task data section from beginning of the record (including RDW).
zR4L	INT	2	(IBM name: SMF115R4L) Length of the SSL Task data section.
zR4N	INT	2	(IBM name: SMF115R4N) Number of SSL Task data sections.
zR5O	INT	4	(IBM name: SMF115R5O) Offset to the DNS Task data section from beginning of the record (including RDW).
zR5L	INT	2	(IBM name: SMF115R5L) Length of the DNS Task data section.
zR5N	INT	2	(IBM name: SMF115R5N) Number of DNS Task data sections.

Secondary segment: SMF115#231_Product_Standard

Field Name	Type	Len	Description
<i>SMF115#231_Product_Standard.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF115HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF115HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF115HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF115HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF115HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF115SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF115STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF115ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF115WSEQ) Sequence number for destination.
<i>SMF115#231_Product_Standard.zHFLG.<fieldname></i>			
zSMFC	BIT	1	More SMF records follow for this interval.

SMF115#231_Product_Standard.<fieldname>			
zSTIME	TSTMP	8	(IBM name: SMF115STIME) STCK MQ view of interval start.
zSDURN	FIXED	8 (20,6)	(IBM name: SMF115SDURN) Interval duration in seconds.

Secondary segment: **SMF115#231_Product_Correlation**

Field Name	Type	Len	Description
SMF115#231_Product_Correlation.<fieldname>			
zHLEN	INT	2	(IBM name: SMF115HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF115HTYP) Header Type.
zCAuthId	CHAR	8	(IBM name: N/A) Authorization id.
zCCV	CHAR	12	(IBM name: N/A) Correlation id value.
zCCN	CHAR	8	(IBM name: N/A) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: N/A) Original operator id.
zCATYP	HEX	4	(IBM name: N/A) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: N/A) Accounting token.
zCNID	CHAR	16	(IBM name: N/A) Network identifier.

Secondary segment: **SMF115#231_Channel_Initiator**

Field Name	Type	Len	Description
SMF115#231_Channel_Initiator.<fieldname>			
zCIID	HEX	2	(IBM name: SMF115CIID) Control block id.
zCILEN	INT	2	(IBM name: SMF115CILEN) Length of control block.
zCIDESC	CHAR	4	(IBM name: SMF115CIDESC) Eye-catcher.
zCIJOBNAME	CHAR	8	(IBM name: SMF115CIJOBNAME) Chinit job name.
zCIQSGN	CHAR	4	(IBM name: SMF115CIQSGN) QSG name.
zCINOCC	INT	4	(IBM name: SMF115CINOCC) High water mark of current channels.
zCIMXCC	INT	4	(IBM name: SMF115CIMXCC) Maximum current channels.
zCINOAC	INT	4	(IBM name: SMF115CINOAC) High water mark of active channels.
zCIMXAC	INT	4	

			(IBM name: SMF115CIMXAC) Maximum active channels.
zCIMXTP	INT	4	(IBM name: SMF115CIMXTP) Maximum TCP/IP channels.
zCIMXLU	INT	4	(IBM name: SMF115CIMXLU) Maximum LU 6.2 channels
zCISTUS	INT	4	(IBM name: SMF115CISTUS) Storage usage for Chinit.
zCITSKN	HEX	4	(IBM name: SMF115CITSKN) Task number. (TCB addr)
zCIREQN	INT	4	(IBM name: SMF115CIREQN) Number of requests for task.
zCICPTM	TIME	8	(IBM name: SMF115CICPTM) Busy CPU time.
zCIELTM	TIME	8	(IBM name: SMF115CIELTM) Elapse time.
zCIWTTM	TIME	8	(IBM name: SMF115CIWTTM) Wait elapsed time.

Secondary segment: **SMF115#231_Dispatcher_Task**

Field Name	Type	Len	Description
<i>SMF115#231_Dispatcher_Task.<fieldname></i>			
zCIDSP	INT	4	(IBM name: SMF115CIDSP) Number of channels running on this dispatcher task.

Secondary segment: **SMF115#231_Adapter_Task**

Field Name	Type	Len	Description
<i>SMF115#231_Adapter_Task.<fieldname></i>			
zCIADP	INT	4	(IBM name: SMF115CIADP) Adapter Task.

Secondary segment: **SMF115#231_SSL_Task**

Field Name	Type	Len	Description
<i>SMF115#231_SSL_Task.<fieldname></i>			
zCILSTM	TSTMP	8	(IBM name: SMF115CILSTM) Time of day of max SSL request.
zCILSDU	TIME	8	(IBM name: SMF115CILSDU) Duration of max SSL request.

Secondary segment: **SMF115#231_DNS_Task**

Field Name	Type	Len	Description
<i>SMF115#231_DNS_Task.<fieldname></i>			

zCILGTM	TSTMP	8	(IBM name: SMF115CILGTM) Time of day of max DNS request.
zCILGDU	TIME	8	(IBM name: SMF115CILGDU) Duration of max DNS request.

Record Type 116 - MQSeries Accounting

SMF Record 116 (MQSeries Accounting) has several subtypes, each mapped by a structure member name of the format "T116STnn".

Record Type 116 Subtype 0 - Message Manager Accounting

Primary Segment:

- [SMF116#00_MQSeries_Accounting](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF116#00_Accounting_Data](#)
- [SMF116#00_Message_Manager](#)
- [SMF116#00_Product_Information](#)

Primary segment: [SMF116#00_MQSeries_Accounting](#)

Field Name	Type	Len	Description
<i>SMF116#00_MQSeries_Accounting.<fieldname></i>			
<i>SMF116#00_MQSeries_Accounting.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF116FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF116RTY) Record type 116
zTME	TSTMP	8	(IBM name: SMF116TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF116SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF116SID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF116STF) Record subtype.
zREL	CHAR	3	(IBM name: SMF116REL) IBM MQ version.

<i>SMF116#00_MQSeries_Accounting.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF116PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF116PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF116PSN) Number of product sections.
zR1O	INT	4	(IBM name: SMF116R1O) Offset to the Accounting Data section from the beginning of the record (including RDW).
zR1L	INT	2	(IBM name: SMF116R1L) Length of the Accounting Data section.
zR1N	INT	2	(IBM name: SMF116R1N) Number of Accounting Data sections.
zR2O	INT	4	(IBM name: SMF116R2O) Offset to the Message Manager accounting section from the beginning of

			the record (including RDW).
zR2L	INT	2	(IBM name: SMF116R2L) Length of the Message Manager accounting section.
zR2N	INT	2	(IBM name: SMF116R2N) Number of Message Manager accounting sections.
zR6O	INT	4	(IBM name: SMF116R6O) Offset to the MVS section from the beginning of the record (including RDW).
zR6L	INT	2	(IBM name: SMF116R6L) Length of the MVS section.
zR6N	INT	2	(IBM name: SMF116R6N) Number of MVS sections.

Secondary segment: **SMF116#00_Product_Information**

Field Name	Type	Len	Description
<i>SMF116#00_Product_Information.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF116HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF116HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF116HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF116HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF116HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF116HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF116HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF116SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF116STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF116ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF116WSEQ) Sequence number for destination.

SMF116#00_Product_Information.zHFLG.<fieldname>

zSMFC	BIT	1	More SMF records follow for this interval.
-------	-----	---	--

SMF116#00_Product_Information.<fieldname>

zCLEN	INT	2	(IBM name: SMF116CLEN) Length of the standard header.
zCTYP	INT (ENUM)	1	(IBM name: SMF116CTYP) Header Type. (Correlation Header = 2)
zCAuthId	CHAR	8	(IBM name: SMF116CAuthId) Authorization id.
zCCV	CHAR	12	(IBM name: SMF116CCV) Correlation id value.
zCCN	CHAR	8	

			(IBM name: SMF116CCN) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: SMF116COPID) Original operator id.
zCATYP	HEX	4	(IBM name: SMF116CATYP) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: SMF116CTOKN) Accounting token.
zCNID	CHAR	16	(IBM name: SMF116CNID) Network identifier.

Secondary segment: **SMF116#00_Accounting_Data**

Field Name	Type	Len	Description
<i>SMF116#00_Accounting_Data.<fieldname></i>			
zBSC	TSTMP	8	(IBM name: SMF116BSC) Beginning store clock value.
zESC	TSTMP	8	(IBM name: SMF116ESC) Ending store clock value.
zBJST	TIME	8	(IBM name: SMF116BJST) Beginning TCB CPU time from MVS for all environments (CICS, IMS, & TSO). Binary zero means no timing is available for data base access agents, this is the begin cpu time for the agent.
zEJST	TIME	8	(IBM name: SMF116EJST) Ending TCB CPU time in all environments. Binary zero means no timing is available for data base access agents, this is the end cpu time for the agent.
zBSRB	TIME	8	(IBM name: SMF116BSRB) Beginning SRB ASCB time. For data base access agents, this time is invalid.
zESRB	TIME	8	(IBM name: SMF116ESRB) Ending SRB ASCB time. For data base access agents, this time is invalid.
zRINV	INT (ENUM)	4	(IBM name: SMF116RINV) Reason Accounting invoked. Read = Reads request for IFCID 0147 or 0148. Sign-On = Same user resign-on with same authid. New-User = New user - the authorization id changed. De-Alloc = Deallocation - normal program termination. EOT-PgmTerm = End of task - application program terminated. EOT-PgmAbend = End of task - application program abend situation. (Accounting Record written at de-allocation.) EOM-Abend = End of memory - abnormal termination. (Accounting Record written at de-allocation.) In-Doubt = Resolve INDOUBT. (Accounting Record written at de-allocation.) Force = CANCEL FORCE - STOP FORCE COMMAND. (Accounting Record written at de-allocation.) EOT-PgmTerm-In-Doubt = End of task - application program terminated. (Accounting Record written with work unit gone INDOUBT.) EOT-PgmAbend-In-Doubt = End of task - application program abend situation. (Accounting Record written with work unit gone INDOUBT.) EOM-Abend-In-Doubt = End of memory - abnormal termination. (Accounting Record written with work unit gone INDOUBT.) Force-In-Doubt = CANCEL FORCE - STOP FORCE COMMAND. (Accounting Record written with work unit gone INDOUBT.)
zNID	CHAR	16	(IBM name: SMF116NID) Network id value from CCB.
zCOMM	INT	4	(IBM name: SMF116COMM) Number of commit phase 2 requests.
zBACK	INT	4	(IBM name: SMF116BACK) Number of backout requests.
zASC	TIME	8	(IBM name: SMF116ASC) Accumulated elapsed time in subsystem.
zAJST	TIME	8	

			(IBM name: SMF116AJST) Accumulated home TCB ASCB time while in subsystem for IMS and TSO accumulated attach TCB time in subsystem for CICS.
zASRB	TIME	8	(IBM name: SMF116ASRB) Accumulated home SRB ASCB time while in subsystem.
zAWTI	TIME	8	(IBM name: SMF116AWTI) Accumulated I/O elapsed wait time for I/O done under this thread.
zAWTL	TIME	8	(IBM name: SMF116AWTL) Accumulated LOCK and LATCH elapsed time.
zARNA	INT	4	(IBM name: SMF116ARNA) Number of entry/exit events processed.
zARNE	INT	4	(IBM name: SMF116ARNE) Number of wait trace events processed for waits for I/O under this thread.
zAWTR	TIME	8	(IBM name: SMF116AWTR) Accumulated wait time for read I/O that is done under a thread other than this one.
zAWTW	TIME	8	(IBM name: SMF116AWTW) Accumulated wait time for write I/O that is done under a thread other than this one.
zAWTE	TIME	8	(IBM name: SMF116AWTE) Accumulated wait time due to synchronous execution unit switch to services from this thread.
zALOG	TIME	8	(IBM name: SMF116ALOG) Accumulated wait time due to processing of ARCHIVE LOG MODE(QUIESCE) commands. Note that this number represents the amount of time that an individual thread was suspended due to an ARCHIVE LOG MODE(QUIESCE) command and not the time that it took for the entire command to complete.
zARNL	INT	4	(IBM name: SMF116ARNL) Number of wait trace events processed for waits for LOCK/LATCH.
zARNR	INT	4	(IBM name: SMF116ARNR) Number of wait trace events processed for waits for read I/O under another thread.
zARNW	INT	4	(IBM name: SMF116ARNW) Number of wait trace events processed for waits for write I/O under another thread.
zARNS	INT	4	(IBM name: SMF116ARNS) Number of wait trace events processed for waits for synchronous execution unit switching to service tasks.
zALCT	INT	4	(IBM name: SMF116ALCT) Number of suspensions due to processing of archive LOG MODE(QUIESCE) commands.

Secondary segment: **SMF116#00_Message_Manager**

Field Name	Type	Len	Description
<i>SMF116#00_Message_Manager.<fieldname></i>			
SMF115MMID	HEX	2	Control block id.
SMF115MMLEN	INT	2	Length of control block.
SMF115MMDESC	CHAR	4	Eye-catcher.
SMF115MMCPUT	TIME	8	CPU time used.
SMF115MMPUTA	INT	4	# puts for length 0-99 bytes.
SMF115MMPUTB	INT	4	# puts for length 100-999 bytes.
SMF115MMPUTC	INT	4	# puts for length 1000-9999 bytes.
SMF115MMPUTD	INT	4	# puts for length >= 10000 bytes.

SMF115MMGETA	INT	4	# gets for length 0-99 bytes.
SMF115MMGETB	INT	4	# gets for length 100-999 bytes.
SMF115MMGETC	INT	4	# gets for length 1000-9999 bytes.
SMF115MMGETD	INT	4	# gets for length >= 10000 bytes.

Record Type 116 Subtype 1 - Thread/Queue Level Accounting

Primary Segment:

- [SMF116#01_MQSeries_Accounting](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF116#01_Product_Information](#)
- [SMF116#01_Queue_Level_Accounting](#)
- [SMF116#01_Thread_Level_Accounting](#)
- [SMF116#01_Thread_Level_Identification](#)

Primary segment: [SMF116#01_MQSeries_Accounting](#)

Field Name	Type	Len	Description
<i>SMF116#01_MQSeries_Accounting.<fieldname></i>			
<i>SMF116#01_MQSeries_Accounting.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF116FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF116RTY) Record type 116
zTME	TSTMP	8	(IBM name: SMF116TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF116SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF116SSID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF116STY) Record subtype.
zREL	CHAR	3	(IBM name: SMF116REL) IBM MQ version.

<i>SMF116#01_MQSeries_Accounting.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF116PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF116PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF116PSN) Number of product sections.
zTIO	INT	4	(IBM name: SMF116TIO) Offset to the Thread Level ID Data section from the beginning of the record (including RDW).
zTIL	INT	2	(IBM name: SMF116TIL) Length of the Thread Level ID Data section.
zTIN	INT	2	(IBM name: SMF116TIN) Number of Thread Level ID Data sections.
zTAO	INT	4	(IBM name: SMF116TAO) Offset to the Thread Level Accounting Data section from the beginning of the record (including RDW).
zTAL	INT	2	(IBM name: SMF116TAL) Length of the Thread Level Accounting Data section.
zTAN	INT	2	(IBM name: SMF116TAN) Number of Thread Level Accounting Data sections.
zQAO	INT	4	

			(IBM name: SMF116QAO) Offset to the Queue Level Accounting Data section from the beginning of the record (including RDW).
zQAL	INT	2	(IBM name: SMF116QAL) Length of the Queue Level Accounting Data section.
zQAN	INT	2	(IBM name: SMF116QAN) Number of Queue Level Accounting Data sections.

Secondary segment: **SMF116#01_Product_Information**

Field Name	Type	Len	Description
<i>SMF116#01_Product_Information.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF116HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF116HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF116HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF116HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF116HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF116HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF116HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF116SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF116STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF116ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF116WSEQ) Sequence number for destination.

<i>SMF116#01_Product_Information.zHFLG.<fieldname></i>			
zSMFC	BIT	1	More SMF records follow for this interval.

<i>SMF116#01_Product_Information.<fieldname></i>			
zCLEN	INT	2	(IBM name: SMF116CLEN) Length of the standard header.
zCTYP	INT (ENUM)	1	(IBM name: SMF116CTYP) Header Type. (Correlation Header = 2)
zCAuthId	CHAR	8	(IBM name: SMF116CAuthId) Authorization id.
zCCV	CHAR	12	(IBM name: SMF116CCV) Correlation id value.
zCCN	CHAR	8	(IBM name: SMF116CCN) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: SMF116COPID) Original operator id.
zCATYP	HEX	4	(IBM name: SMF116CATYP) Connecting System Type Code.

zCTOKN	CHAR	22	(IBM name: SMF116CTOKN) Accounting token.
zCNID	CHAR	16	(IBM name: SMF116CNID) Network identifier.

Secondary segment: **SMF116#01_Thread_Level_Identification**

Field Name	Type	Len	Description
<i>SMF116#01_Thread_Level_Identification.<fieldname></i>			
zTIID	HEX	2	(IBM name: SMF116TIID) Control block id.
zTILEN	INT	2	(IBM name: SMF116TILEN) Length of control block.
zTIDESC	CHAR	4	(IBM name: SMF116TIDESC) Eye-catcher.
zTIATYP	INT	4	(IBM name: SMF116TIATYP) Connection type.
zTICCN	CHAR	8	(IBM name: SMF116TICCN) Connection name.
zTIOPID	CHAR	8	(IBM name: SMF116TIOPID) CCBOPID Operator ID.
zTINID	CHAR	16	(IBM name: SMF116TINID) NID.
zTICORI	CHAR	12	(IBM name: SMF116TICORI) Correlator.
zTIUOWI	CHAR	24	(IBM name: SMF116TIUOWI) LUWID.
zTIACCT	CHAR	22	(IBM name: SMF116TIACCT) Accounting token.
zTICHL	CHAR	20	(IBM name: SMF116TICHL) Channel name.
zTICHLG	CHAR	48	(IBM name: SMF116TICHLG) Channel connection name.
zTICTXT	CHAR	16	(IBM name: SMF116TICTXT) current context token.
zTITRAN	CHAR	8	(IBM name: SMF116TITRAN) CCBUSER Userid.
zTICFWD	INT	4	(IBM name: SMF116TICFWD) Reserved.
zTICBWD	INT	4	(IBM name: SMF116TICBWD) Reserved.
zTIWTAS	INT	4	(IBM name: SMF116TIWTAS) Reserved.

Secondary segment: **SMF116#01_Thread_Level_Accounting**

Field Name	Type	Len	Description
<i>SMF116#01_Thread_Level_Accounting.<fieldname></i>			
zTAID	HEX	2	(IBM name: SMF116TAID) Control block id.
zTALEN	INT	2	

			(IBM name: SMF116TALEN) Length of control block.
zTADESC	CHAR	4	(IBM name: SMF116TADESC) Eye-catcher.
zTASTRT	TSTMP	8	(IBM name: SMF116TASTRT) Timestamp when WTAS was allocated.
zTAMTHR	INT	4	(IBM name: SMF116TAMTHR) Reserved.
zTAWTAS	INT	4	(IBM name: SMF116TAWTAS) Reserved.
zTALATC	HEX	8	(IBM name: SMF116TALATC) Reserved.
zTAHSHI	INT	4	(IBM name: SMF116TAHSHI) Reserved.
zTANEXT	INT	4	(IBM name: SMF116TANEXT) Reserved.

SMF116#01_Thread_Level_Accounting.zTAFLAG.<fieldname>

zAEOT	BIT	1	Accounting end of thread.
-------	-----	---	---------------------------

SMF116#01_Thread_Level_Accounting.<fieldname>

zTAWQCT	INT	4	(IBM name: SMF116TAWQCT) Count of WQSTAT blocks.
zTALWET	TIME	8	(IBM name: SMF116TALWET) Latch elapse time wait.
zTALWN	INT	4	(IBM name: SMF116TALWN) Number of times waiting for latch.
zTAOTET	TIME	8	(IBM name: SMF116TAOTET) 'Other' MQ Calls elapsed.
zTAOTCT	TIME	8	(IBM name: SMF116TAOTCT) 'Other' MQ calls CPU time.
zTAOTN	INT	4	(IBM name: SMF116TAOTN) Number of 'Other' calls.
zTAMLW	TIME	8	(IBM name: SMF116TAMLW) Max latch wait time.
zTAMLWN	INT	4	(IBM name: SMF116TAMLWN) Max wait latch number.
zTALOWN	HEX	8	(IBM name: SMF116TALOWN) Address of longest latch.
zTACMET	TIME	8	(IBM name: SMF116TACMET) Commit elapsed time.
zTACMCT	TIME	8	(IBM name: SMF116TACMCT) Commit CPU time.
zTACMN	INT	4	(IBM name: SMF116TACMN) Commit number of calls.
zTABAET	TIME	8	(IBM name: SMF116TABAET) Backout elapsed time.
zTABACT	TIME	8	(IBM name: SMF116TABACT) Backout CPU time.
zTABAN	INT	4	(IBM name: SMF116TABAN) Backout number of calls.
zTAJWET	TIME	8	(IBM name: SMF116TAJWET) Elapse time waiting for ALL journal writes to complete.
zTAJWN	INT	4	(IBM name: SMF116TAJWN) Total number of journal writes.

zTAJWB	INT	4	(IBM name: SMF116TAJWB) Number of bytes written.
zTAJCET	TIME	8	(IBM name: SMF116TAJCET) Elapsed time waiting for FORCE journal writes to complete.
zTAJCN	INT	4	(IBM name: SMF116TAJCN) Number of FORCE journal writes.
zTASUSN	INT	4	(IBM name: SMF116TASUSN) Number of task suspends.
zTASUSE	TIME	8	(IBM name: SMF116TASUSE) Total suspend time.
zTAPSE0	TIME	8	(IBM name: SMF116TAPSE0) Elapse time logging Page Set 0.
zTAPSN0	INT	4	(IBM name: SMF116TAPSN0) Number of logging request Page Set 0.
zTADBET	TIME	8	(IBM name: SMF116TADBET) DB2 Elapse thread.
zTADBES	TIME	8	(IBM name: SMF116TADBES) DB2 Elapse Server.
zTADBMT	TIME	8	(IBM name: SMF116TADBMT) DB2 max elapse thread.
zTADBMS	TIME	8	(IBM name: SMF116TADBMS) DB2 max elapse server.
zTADBCT	INT	4	(IBM name: SMF116TADBCT) DB2 requests.
zTACSEC	INT	4	(IBM name: SMF116TACSEC) Number of Coupling Facility IXLLSTE calls.
zTACMEC	INT	4	(IBM name: SMF116TACMEC) Number of Coupling Facility IXLLSTM calls.
zTARSEC	INT	4	(IBM name: SMF116TARSEC) Number of Coupling Facility IXLLSTE redrives.
zTARMEC	INT	4	(IBM name: SMF116TARMEC) Number of Coupling Facility IXLLSTM redrives.
zTASSTC	TIME	8	(IBM name: SMF116TASSTC) Time spent on Coupling Facility IXLLSTE calls.
zTAMSTC	TIME	8	(IBM name: SMF116TAMSTC) Time spent on Coupling Facility IXLLSTM calls.
zTASMRS	INT	4	(IBM name: SMF116TASMRS) Reads saved for SMDS.
zTASMRB	INT	4	(IBM name: SMF116TASMRB) Blocks read from SMDS.
zTASMWB	INT	4	(IBM name: SMF116TASMWB) Blocks written to SMDS.
zTASMRP	INT	4	(IBM name: SMF116TASMRP) Pages read from SMDS.
zTASMWP	INT	4	(IBM name: SMF116TASMWP) Pages written to SMDS.
zTASMWT	TIME	8	(IBM name: SMF116TASMWT) I/O wait time for SMDS.
zTAINTS	TSTMP	8	(IBM name: SMF116TAINTS) Interval start.
zTAINTE	TSTMP	8	(IBM name: SMF116TAINTE) Interval end.
zTAGPO	INT	4	(IBM name: SMF116TAGPO) Get Pages old.
zTAGPN	INT	4	(IBM name: SMF116TAGPN) Get Pages new.

zTACQF	INT	4	(IBM name: SMF116TACQF) Reserved.
zTACQB	INT	4	(IBM name: SMF116TACQB) Reserved.
zTAVER	INT	4	(IBM name: SMF116TAVER) Version number.
zTADBPT	INT	8	(IBM name: SMF116TADBPT) DB2 number of bytes written.
zTADBGT	INT	8	(IBM name: SMF116TADBGT) DB2 number of bytes read.
zTAPBHW	TIME	8	(IBM name: SMF116TAPBHW) Publish high water mark.
zTAPBTT	TIME	8	(IBM name: SMF116TAPBTT) Publish total elapse time.
zTATPET	TIME	8	(IBM name: SMF116TATPET) Topic Elapse time.
zTATPCT	TIME	8	(IBM name: SMF116TATPCT) Topic CPU time.
zTATPN	INT	4	(IBM name: SMF116TATPN) Topic count.
zTASUET	TIME	8	(IBM name: SMF116TASUET) MQSUB Elapse time.
zTASUCT	TIME	8	(IBM name: SMF116TASUCT) MQSUB CPU time.
zTASUN	INT	4	(IBM name: SMF116TASUN) MQSUB count.
zTASUSC	INT	4	(IBM name: SMF116TASUSC) MQSUB count of selectors.
zTASUSL	INT	4	(IBM name: SMF116TASUSL) MQSUB max length selector.
zTASQET	TIME	8	(IBM name: SMF116TASQET) MQSUBRQ Elapse time.
zTASQCT	TIME	8	(IBM name: SMF116TASQCT) MQSUBRQ CPU time.
zTASQN	INT	4	(IBM name: SMF116TASQN) MQSUBRQ count.
zTACTET	TIME	8	(IBM name: SMF116TACTET) MQCTL Elapse time.
zTACTCT	TIME	8	(IBM name: SMF116TACTCT) MQCTL CPU time.
zTACTN	INT	4	(IBM name: SMF116TACTN) MQCTL count.
zTASTET	TIME	8	(IBM name: SMF116TASTET) MQSTAT Elapse time.
zTASTCT	TIME	8	(IBM name: SMF116TASTCT) MQSTAT CPU time.
zTASTN	INT	4	(IBM name: SMF116TASTN) MQSTAT count.
zTACTSR	TIME	8	(IBM name: SMF116TACTSR) CPU TIME USED UNDER SRB.

SMF116#01_Thread_Level_Accounting.zCOMMITCF.<fieldname>

zCommitCFCount	INT	4	(IBM name: SMF116CommitCFCount) Number of calls to module for COMMIT.
zCommitCFSyncN	INT	4	(IBM name: SMF116CommitCFSyncN) Number of synchronous calls for COMMIT.

zCommitCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116CommitCFSyncET) Total elapsed time for synchronous CF calls for COMMIT in seconds.
zCommitCFAsyncN	INT	4	(IBM name: SMF116CommitCFAsyncN) Number of Asynchronous calls for COMMIT.
zCommitCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116CommitCFAsyncET) Total elapsed time for Asynchronous CF calls for COMMIT in seconds.

SMF116#01_Thread_Level_Accounting.zPREFCF.<fieldname>

zPrefCFCount	INT	4	(IBM name: SMF116PrefCFCount) Number of calls to module for PREF.
zPrefCFSyncN	INT	4	(IBM name: SMF116PrefCFSyncN) Number of synchronous calls for PREF.
zPrefCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116PrefCFSyncET) Total elapsed time for synchronous CF calls for PREF in seconds.
zPrefCFAsyncN	INT	4	(IBM name: SMF116PrefCFAsyncN) Number of Asynchronous calls for PREF.
zPrefCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116PrefCFAsyncET) Total elapsed time for Asynchronous CF calls for PREF in seconds.

SMF116#01_Thread_Level_Accounting.<fieldname>

zTAPRET	TIME	8	(IBM name: SMF116TAPRET) Prepare elapsed time.
zTAPRCT	TIME	8	(IBM name: SMF116TAPRCT) Prepare CPU time.
zTAPRN	INT	4	(IBM name: SMF116TAPRN) Number of Prepares.
zTALMAX	TIME	8	(IBM name: SMF116TALMAX) Array of maximum latch waits.

Secondary segment: SMF116#01_Queue_Level_Accounting

Field Name	Type	Len	Description
SMF116#01_Queue_Level_Accounting.<fieldname>			
zQAID	HEX	2	(IBM name: SMF116QAID) Control block id.
zQALEN	INT	2	(IBM name: SMF116QALEN) Length of control block.
zQADESC	CHAR	4	(IBM name: SMF116QADESC) Eye-catcher.
zWQVER	INT	4	(IBM name: SMF116WQVER) Version number.
zWQNEXT	HEX	4	(IBM name: SMF116WQNEXT) Reserved.
zCORREL	CHAR	16	(IBM name: SMF116CORREL) Correlator identifier connection WQST block to owning WTAS block.
zOBJNAME	CHAR	48	(IBM name: SMF116OBJNAME) Queue name as specified in OD of MQOPEN request.
zBASENAME	CHAR	48	(IBM name: SMF116BASENAME) Base queue name to which OBJNAME resolved.
zOPENTIME	TSTMP	8	(IBM name: SMF116OPENTIME) Time queue was first opened. (MQOPEN)
zCLOSTIME	TSTMP	8	(IBM name: SMF116CLOSTIME) Time queue was last closed. (MQCLOSE)

zQTYPE	INT	4	(IBM name: SMF116QTYPE) Type of queue.
zINDXTYPE	INT	4	(IBM name: SMF116INDXTYPE) Index type of queue.
zQSGDISP	CHAR	4	(IBM name: SMF116QSGDISP) QSGDISP of queue.
zOPENEYE	CHAR	4	(IBM name: SMF116OPENEYE) Eye catcher - 'OPEN'.
zOPENET	TIME	8	(IBM name: SMF116OPENET) Total elapsed time for MQOPENS.
zOPENCT	TIME	8	(IBM name: SMF116OPENCT) Total CPU time for MQOPENS.
zOPENN	INT	4	(IBM name: SMF116OPENN) Number of MQOPEN calls.
zCLOSEEYE	CHAR	4	(IBM name: SMF116CLOSEEYE) Eye catcher - 'CLOS'.
zCLOSEET	TIME	8	(IBM name: SMF116CLOSEET) Total elapsed time for MQCLOSEEs.
zCLOSECT	TIME	8	(IBM name: SMF116CLOSECT) Total CPU time for MQCLOSEEs.
zCLOSEN	INT	4	(IBM name: SMF116CLOSEN) Number of MQCLOSE calls.
zGETEYE	CHAR	4	(IBM name: SMF116GETEYE) Eyecatcher - 'GET'.
zGETET	TIME	8	(IBM name: SMF116GETET) Total elapsed time for MQGETs.
zGETCT	TIME	8	(IBM name: SMF116GETCT) Total CPU time for MQGETs.
zGETN	INT	4	(IBM name: SMF116GETN) Number of MQGET calls.
zGETBRWA	INT	4	(IBM name: SMF116GETBRWA) Number of MQGET browses any.
zGETBRWS	INT	4	(IBM name: SMF116GETBRWS) Number of MQGET browses specific.
zGETA	INT	4	(IBM name: SMF116GETA) Number of MQGET destructive any.
zGETS	INT	4	(IBM name: SMF116GETS) Number of MQGET destructive specific.
zGETERR	INT	4	(IBM name: SMF116GETERR) Number of unaccountable MQGETs.
zGETJWET	TIME	8	(IBM name: SMF116GETJWET) Elapsed time waiting for ALL journal writes to complete.
zGETJWN	INT	4	(IBM name: SMF116GETJWN) Number of journal writes.
zGETPSET	TIME	8	(IBM name: SMF116GETPSET) Elapsed time waiting for a read from a pageset.
zGETPSN	INT	4	(IBM name: SMF116GETPSN) Number of pageset MQGETs.
zGETSUSET	TIME	8	(IBM name: SMF116GETSUSET) Total elapsed time suspended for MQGETs.
zGETSUSN	INT	4	(IBM name: SMF116GETSUSN) Number of times suspended.
zGETEPAGE	INT	4	(IBM name: SMF116GETEPAGE) Number of pages skipped when doing MQGETs.
zGETSMMSG	INT	4	(IBM name: SMF116GETSMMSG) Number of messages skipped.

zGETEXMSG	INT	4	(IBM name: SMF116GETEXMSG) Number of expired messages.
zPUTEYE	CHAR	4	(IBM name: SMF116PUTEYE) Eyecatcher - 'PUT '.
zPUTET	TIME	8	(IBM name: SMF116PUTET) Total elapsed time for MQPUTs.
zPUTCT	TIME	8	(IBM name: SMF116PUTCT) Total CPU time for MQPUTs.
zPUTN	INT	4	(IBM name: SMF116PUTN) Number of MQPUT calls passed directly to waiting getter.
zPUTJWET	TIME	8	(IBM name: SMF116PUTJWET) Elapsed time waiting for ALL journal writes to complete.
zPUTJWN	INT	4	(IBM name: SMF116PUTJWN) Number of journal writes.
zPUTSUSET	TIME	8	(IBM name: SMF116PUTSUSET) Total elapsed time suspended for MQPUTs.
zPUTSUSN	INT	4	(IBM name: SMF116PUTSUSN) Number of times suspended.
zPUTPSET	TIME	8	(IBM name: SMF116PUTPSET) Elapsed time waiting for pageset for MQPUT.
zPUTPSN	INT	4	(IBM name: SMF116PUTPSN) Number of pageset MQPUTs.
zPUT1EYE	CHAR	4	(IBM name: SMF116PUT1EYE) Eyecatcher - 'PUT1'.
zPUT1ET	TIME	8	(IBM name: SMF116PUT1ET) Total elapsed time for MQPUT1s.
zPUT1CT	TIME	8	(IBM name: SMF116PUT1CT) Total CPU time for MQPUT1s.
zPUT1N	INT	4	(IBM name: SMF116PUT1N) Number of MQPUT1 calls.
zPUT1JWET	TIME	8	(IBM name: SMF116PUT1JWET) Elapsed time waiting for ALL journal writes to complete.
zPUT1JWN	INT	4	(IBM name: SMF116PUT1JWN) Number of journal writes.
zPUT1SUSET	TIME	8	(IBM name: SMF116PUT1SUSET) Total elapsed time suspended for MQPUT1s.
zPUT1SUSN	INT	4	(IBM name: SMF116PUT1SUSN) Number of times suspended.
zPUT1PSET	TIME	8	(IBM name: SMF116PUT1PSET) Elapsed time waiting for pageset for MQPUT1.
zPUT1PSN	INT	4	(IBM name: SMF116PUT1PSN) Number of pageset MQPUT1s.
zINQEYE	CHAR	4	(IBM name: SMF116INQEYE) Eyecatcher - 'INQ '.
zINQET	TIME	8	(IBM name: SMF116INQET) Total elapsed time for MQINQs.
zINQCT	TIME	8	(IBM name: SMF116INQCT) Total CPU time for MQINQs.
zINQN	INT	4	(IBM name: SMF116INQN) Number of MQINQ calls.
zSETEYE	CHAR	4	(IBM name: SMF116SETEYE) Eyecatcher - 'SET '.
zSETET	TIME	8	(IBM name: SMF116SETET) Total elapsed time for MQSETs.
zSETCT	TIME	8	(IBM name: SMF116SETCT) Total CPU time for MQSETs.

zSETN	INT	4	(IBM name: SMF116SETN) Number of MQSET calls.
zSETJWET	TIME	8	(IBM name: SMF116SETJWET) Elapsed time waiting for ALL journal writes to complete.
zSETJWN	INT	4	(IBM name: SMF116SETJWN) Number of journal writes.
zNPS	INT	4	(IBM name: SMF116NPS) Pageset number. This has a valid value if validput > 0 or validget > 0.
zCFSTRUCNAME	CHAR	12	(IBM name: SMF116CFSTRUCNAME) Name of CF structure.
zNBUFFPOOL	INT	4	(IBM name: SMF116NBUFFPOOL) Buffer pool number. This has a valid value if validput > 0 or validget > 0.
zPUTBYTES	TIME	8	(IBM name: SMF116PUTBYTES) Total bytes put by MQQUT/MQPUT1.
zGETBYTES	TIME	8	(IBM name: SMF116GETBYTES) Total bytes got by MQGET.
zVALIDPUT	INT	4	(IBM name: SMF116VALIDPUT) Number of MQPUT/MQPUT1s with data.
zVALIDGET	INT	4	(IBM name: SMF116VALIDGET) Number of MQGETs with data.
zNGEN	INT	4	(IBM name: SMF116NGEN) Number of generated messages.
zGETMAXMS	INT	4	(IBM name: SMF116GETMAXMS) Get maximum message size.
zGETMINMS	INT	4	(IBM name: SMF116GETMINMS) Get minimum message size.
zPUTMAXMS	INT	4	(IBM name: SMF116PUTMAXMS) Put maximum message size.
zPUTMINMS	INT	4	(IBM name: SMF116PUTMINMS) Put minimum message size.
zMAXLATNT	TIME	8	(IBM name: SMF116MAXLATNT) Maximum time on queue of message.
zMINLATNT	TIME	8	(IBM name: SMF116MINLATNT) Minimum time on queue of message.
zTOTLATNT	TIME	8	(IBM name: SMF116TOTLATNT) Total time on queue of messages.
zWQBACK	INT	4	(IBM name: SMF116WQBACK) Reserved.
zUSE_COUNT	INT	4	(IBM name: SMF116USE_COUNT) Use: +1 for open, -1 for close.
zTOTAL_USE	INT	4	(IBM name: SMF116TOTAL_USE) Total number of calls.
zGETPMSG	INT	4	(IBM name: SMF116GETPMSG) Number of persistent messages got by MQGET.
zPUTPMSG	INT	4	(IBM name: SMF116PUTPMSG) Number of persistent messages put by MQPUT.
zPUT1PMSG	INT	4	(IBM name: SMF116PUT1PMSG) Number of persistent messages put by MQPUT1.
zMAXQDPH	INT	4	(IBM name: SMF116MAXQDPH) Maximum encountered queue depth.
zFLAGS	HEX	2	(IBM name: SMF116FLAGS) Flags.
zGETDVAL	INT	4	(IBM name: SMF116GETDVAL) Number of Successful destructive gets.
zGETJCET	TIME	8	(IBM name: SMF116GETJCET) Elapsed time waiting for FORCE journal writes to complete.

zGETJCN	INT	4	(IBM name: SMF116GETJCN) Number of FORCE journal writes.
zPUTPWG	INT	4	(IBM name: SMF116PUTPWG) Number of MQPUT calls where msg.
zPUTJCET	TIME	8	(IBM name: SMF116PUTJCET) Elapsed time waiting for FORCE journal writes to complete.
zPUTJCN	INT	4	(IBM name: SMF116PUTJCN) Number of FORCE journal writes.
zPUT1PWG	INT	4	(IBM name: SMF116PUT1PWG) Number of MQPUT1 calls where message passed directly to waiting getter.
zPUT1JCET	TIME	8	(IBM name: SMF116PUT1JCET) Elapsed time waiting for FORCE journal writes to complete.
zPUT1JCN	INT	4	(IBM name: SMF116PUT1JCN) Number of FORCE journal writes.
zSETJCET	TIME	8	(IBM name: SMF116SETJCET) Elapsed time waiting for FORCE journal writes to complete.
zSETJCN	INT	4	(IBM name: SMF116SETJCN) Number of FORCE journal writes.
zPUTDSQ	INT	4	(IBM name: SMF116PUTDSQ) Puts direct to shared queue.
zPUTIGQ	INT	4	(IBM name: SMF116PUTIGQ) Puts direct to shared queue.
zPUT1IGQ	INT	4	(IBM name: SMF116PUT1IGQ) Puts direct to shared queue.
zSELCOUNT	INT	4	(IBM name: SMF116SELCOUNT) Count of selection requests.
zSELMAXLN	INT	4	(IBM name: SMF116SELMAXLN) Maximum length of selector.
zCBEYE	CHAR	4	(IBM name: SMF116CBEYE) Eyecatcher - 'CB '.
zCBET	TIME	8	(IBM name: SMF116CBET) Total elapsed time for MQCBs.
zCBCT	TIME	8	(IBM name: SMF116CBCT) Total CPU time for MQCBs.
zCBN	INT	4	(IBM name: SMF116CBN) Count of MQCB requests.
zOPENSUET	TIME	8	(IBM name: SMF116OPENSUET) OPEN suspend time.
zOPENSUN	INT	4	(IBM name: SMF116OPENSUN) OPEN suspend count.
zCLOSESUET	TIME	8	(IBM name: SMF116CLOSESUET) CLOSE suspend time.
zCLOSESUN	INT	4	(IBM name: SMF116CLOSESUN) CLOSE suspend count.
zOPENCF0	INT	4	(IBM name: SMF116OPENCF0) Number of calls for OPEN - no CF.
zCLOSECF0	INT	4	(IBM name: SMF116CLOSECF0) Number of calls for CLOSE - no CF.

SMF116#01_Queue_Level_Accounting.zOPENCFSTATS.<fieldname>

zOpenCFCount	INT	4	(IBM name: SMF116OpenCFCount) Number of calls to module for OPEN.
zOpenCFSyncN	INT	4	(IBM name: SMF116OpenCFSyncN) Number of synchronous calls for OPEN.
zOpenCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116OpenCFSyncET) Total elapsed time for synchronous CF calls for OPEN in seconds.

zOpenCFAsyncN	INT	4	(IBM name: SMF116OpenCFAsyncN) Number of Asynchronous calls for OPEN.
zOpenCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116OpenCFAsyncET) Total elapsed time for Asynchronous CF calls for OPEN in seconds.

SMF116#01_Queue_Level_Accounting.zCLOSECFSTATS.<fieldname>

zCLOSECFCount	INT	4	(IBM name: SMF116CLOSECFCount) Number of calls to module for CLOSE.
zCLOSECFSyncN	INT	4	(IBM name: SMF116CLOSECFSyncN) Number of synchronous calls for CLOSE.
zCLOSECFSyncET	FIXED	4 (10,6)	(IBM name: SMF116CLOSECFSyncET) Total elapsed time for synchronous CF calls for CLOSE in seconds.
zCLOSECFAsyncN	INT	4	(IBM name: SMF116CLOSECFAsyncN) Number of Asynchronous calls for CLOSE.
zCLOSECFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116CLOSECFAsyncET) Total elapsed time for Asynchronous CF calls for CLOSE in seconds.

SMF116#01_Queue_Level_Accounting.zGETCFSTATS.<fieldname>

zGETCFCount	INT	4	(IBM name: SMF116GETCFCount) Number of calls to module for GET.
zGETCFSyncN	INT	4	(IBM name: SMF116GETCFSyncN) Number of synchronous calls for GET.
zGETCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116GETCFSyncET) Total elapsed time for synchronous CF calls for GET in seconds.
zGETCFAsyncN	INT	4	(IBM name: SMF116GETCFAsyncN) Number of Asynchronous calls for GET.
zGETCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116GETCFAsyncET) Total elapsed time for Asynchronous CF calls for GET in seconds.

SMF116#01_Queue_Level_Accounting.zPUTCFSTATS.<fieldname>

zPUTCFCount	INT	4	(IBM name: SMF116PUTCFCount) Number of calls to module for PUT.
zPUTCFSyncN	INT	4	(IBM name: SMF116PUTCFSyncN) Number of synchronous calls for PUT.
zPUTCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116PUTCFSyncET) Total elapsed time for synchronous CF calls for PUT in seconds.
zPUTCFAsyncN	INT	4	(IBM name: SMF116PUTCFAsyncN) Number of Asynchronous calls for PUT.
zPUTCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116PUTCFAsyncET) Total elapsed time for Asynchronous CF calls for PUT in seconds.

SMF116#01_Queue_Level_Accounting.zPUT1CFSTATS.<fieldname>

zPUT1CFCount	INT	4	(IBM name: SMF116PUT1CFCount) Number of calls to module for PUT1.
zPUT1CFSyncN	INT	4	(IBM name: SMF116PUT1CFSyncN) Number of synchronous calls for PUT1.
zPUT1CFSyncET	FIXED	4 (10,6)	(IBM name: SMF116PUT1CFSyncET) Total elapsed time for synchronous CF calls for PUT1 in seconds.
zPUT1CFAsyncN	INT	4	(IBM name: SMF116PUT1CFAsyncN) Number of Asynchronous calls for PUT1.
zPUT1CFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116PUT1CFAsyncET) Total elapsed time for Asynchronous CF calls for PUT1 in seconds.

SMF116#01_Queue_Level_Accounting.<fieldname>

zPUBLISHEDN	INT	4	(IBM name: SMF116PUBLISHEDN) Number of publications made.
-------------	-----	---	--

zRES1	HEX	12	(IBM name: SMF116RES1) reserved.
zTOPICOPENSRB	TIME	8	(IBM name: SMF116TOPICOPENSRB) Topic open on SRB task.
zTOPICPutSRB	TIME	8	(IBM name: SMF116TOPICPutSRB) Topic Put on SRB task.
zTOPICput1SRB	TIME	8	(IBM name: SMF116TOPICput1SRB) Topic Put1 on SRB task.
zTOPICCloseSRB	TIME	8	(IBM name: SMF116TOPICCloseSRB) Topic Close on SRB task.
zPUTDDLY	INT	4	(IBM name: SMF116PUTDDLY) Number of puts with delivery delay.

Record Type 116 Subtype 2 - More Queue Level Data Accounting

Primary Segment:

- [SMF116#02_MQSeries_Accounting](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF116#02_Product_Information](#)
- [SMF116#02_Queue_Level_Accounting](#)
- [SMF116#02_Thread_Level_Identification](#)

Primary segment: [SMF116#02_MQSeries_Accounting](#)

Field Name	Type	Len	Description
<i>SMF116#02_MQSeries_Accounting.<fieldname></i>			
<i>SMF116#02_MQSeries_Accounting.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF116FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF116RTY) Record type 116
zTME	TSTMP	8	(IBM name: SMF116TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF116SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF116SSID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF116STY) Record subtype.
zREL	CHAR	3	(IBM name: SMF116REL) IBM MQ version.
<i>SMF116#02_MQSeries_Accounting.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF116PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF116PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF116PSN) Number of product sections.
zTIO	INT	4	(IBM name: SMF116TIO) Offset to the Thread Level ID Data section from the beginning of the record (including RDW).
zTIL	INT	2	(IBM name: SMF116TIL) Length of the Thread Level ID Data section.
zTIN	INT	2	(IBM name: SMF116TIN) Number of Thread Level ID Data sections.
zQAO	INT	4	(IBM name: SMF116QAO) Offset to the Queue Level Accounting Data section from the beginning of the record (including RDW).
zQAL	INT	2	(IBM name: SMF116QAL) Length of the Queue Level Accounting Data section.
zQAN	INT	2	(IBM name: SMF116QAN) Number of Queue Level Accounting Data sections.

Secondary segment: **SMF116#02_Product_Information**

Field Name	Type	Len	Description
<i>SMF116#02_Product_Information.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF116HLEN) Length of the standard header.
zHTYP	INT (ENUM)	1	(IBM name: SMF116HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF116HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF116HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF116HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF116HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF116HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF116SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF116STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF116ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF116WSEQ) Sequence number for destination.

SMF116#02_Product_Information.zHFLG.<fieldname>

zSMFC	BIT	1	More SMF records follow for this interval.
-------	-----	---	--

SMF116#02_Product_Information.<fieldname>

zCLEN	INT	2	(IBM name: SMF116CLEN) Length of the standard header.
zCTYP	INT (ENUM)	1	(IBM name: SMF116CTYP) Header Type. (Correlation Header = 2)
zCAuthId	CHAR	8	(IBM name: SMF116CAuthId) Authorization id.
zCCV	CHAR	12	(IBM name: SMF116CCV) Correlation id value.
zCCN	CHAR	8	(IBM name: SMF116CCN) Connection name. Not valid on end of memory and reflects the NVS home ASID connection name.
zCOPID	CHAR	8	(IBM name: SMF116COPID) Original operator id.
zCATYP	HEX	4	(IBM name: SMF116CATYP) Connecting System Type Code.
zCTOKN	CHAR	22	(IBM name: SMF116CTOKN) Accounting token.
zCNID	CHAR	16	(IBM name: SMF116CNID) Network identifier.

Secondary segment: **SMF116#02_Thread_Level_Identification**

Field Name	Type	Len	Description
<i>SMF116#02_Thread_Level_Identification.<fieldname></i>			
zTIID	HEX	2	(IBM name: SMF116TIID) Control block id.
zTILEN	INT	2	(IBM name: SMF116TILEN) Length of control block.
zTIDESC	CHAR	4	(IBM name: SMF116TIDESC) Eye-catcher.
zTIATYP	INT	4	(IBM name: SMF116TIATYP) Connection type.
zTICCN	CHAR	8	(IBM name: SMF116TICCN) Connection name.
zTIOPID	CHAR	8	(IBM name: SMF116TIOPID) CCBOPID Operator ID.
zTINID	CHAR	16	(IBM name: SMF116TINID) NID.
zTICORI	CHAR	12	(IBM name: SMF116TICORI) Correlator.
zTIUOWI	CHAR	24	(IBM name: SMF116TIUOWI) LUWID.
zTIACCT	CHAR	22	(IBM name: SMF116TIACCT) Accounting token.
zTICHL	CHAR	20	(IBM name: SMF116TICHL) Channel name.
zTICHL C	CHAR	48	(IBM name: SMF116TICHL C) Channel connection name.
zTICTXT	CHAR	16	(IBM name: SMF116TICTXT) current context token.
zTITRAN	CHAR	8	(IBM name: SMF116TITRAN) CCBUSER Userid.
zTICFWD	INT	4	(IBM name: SMF116TICFWD) Reserved.
zTICBWD	INT	4	(IBM name: SMF116TICBWD) Reserved.
zTIWTAS	INT	4	(IBM name: SMF116TIWTAS) Reserved.

Secondary segment: **SMF116#02_Queue_Level_Accounting**

Field Name	Type	Len	Description
<i>SMF116#02_Queue_Level_Accounting.<fieldname></i>			
zQAID	HEX	2	(IBM name: SMF116QAID) Control block id.
zQALEN	INT	2	(IBM name: SMF116QALEN) Length of control block.
zQADESC	CHAR	4	(IBM name: SMF116QADESC) Eye-catcher.
zWQVER	INT	4	(IBM name: SMF116WQVER) Version number.
zWQNEXT	HEX	4	(IBM name: SMF116WQNEXT) Reserved.

zCORREL	CHAR	16	(IBM name: SMF116CORREL) Correlator identifier connection WQST block to owning WTAS block.
zOBJNAME	CHAR	48	(IBM name: SMF116OBJNAME) Queue name as specified in OD of MQOPEN request.
zBASENAME	CHAR	48	(IBM name: SMF116BASENAME) Base queue name to which OBJNAME resolved.
zOPENTIME	TSTMP	8	(IBM name: SMF116OPENTIME) Time queue was first opened. (MQOPEN)
zCLOSTIME	TSTMP	8	(IBM name: SMF116CLOSTIME) Time queue was last closed. (MQCLOSE)
zQTYPE	INT	4	(IBM name: SMF116QTYPE) Type of queue.
zINDXTYPE	INT	4	(IBM name: SMF116INDXTYPE) Index type of queue.
zQSGDISP	CHAR	4	(IBM name: SMF116QSGDISP) QSGDISP of queue.
zOPENEYE	CHAR	4	(IBM name: SMF116OPENEYE) Eye catcher - 'OPEN'.
zOPENET	TIME	8	(IBM name: SMF116OPENET) Total elapsed time for MQOPENS.
zOPENCT	TIME	8	(IBM name: SMF116OPENCT) Total CPU time for MQOPENS.
zOPENN	INT	4	(IBM name: SMF116OPENN) Number of MQOPEN calls.
zCLOSEEYE	CHAR	4	(IBM name: SMF116CLOSEEYE) Eye catcher - 'CLOS'.
zCLOSEET	TIME	8	(IBM name: SMF116CLOSEET) Total elapsed time for MQCLOSEs.
zCLOSECT	TIME	8	(IBM name: SMF116CLOSECT) Total CPU time for MQCLOSEs.
zCLOSEN	INT	4	(IBM name: SMF116CLOSEN) Number of MQCLOSE calls.
zGETEYE	CHAR	4	(IBM name: SMF116GETEYE) Eyecatcher - 'GET'.
zGETET	TIME	8	(IBM name: SMF116GETET) Total elapsed time for MQGETs.
zGETCT	TIME	8	(IBM name: SMF116GETCT) Total CPU time for MQGETs.
zGETN	INT	4	(IBM name: SMF116GETN) Number of MQGET calls.
zGETBRWA	INT	4	(IBM name: SMF116GETBRWA) Number of MQGET browses any.
zGETBRWS	INT	4	(IBM name: SMF116GETBRWS) Number of MQGET browses specific.
zGETA	INT	4	(IBM name: SMF116GETA) Number of MQGET destructive any.
zGETS	INT	4	(IBM name: SMF116GETS) Number of MQGET destructive specific.
zGETERR	INT	4	(IBM name: SMF116GETERR) Number of unaccountable MQGETs.
zGETJWET	TIME	8	(IBM name: SMF116GETJWET) Elapsed time waiting for ALL journal writes to complete.
zGETJWN	INT	4	(IBM name: SMF116GETJWN) Number of journal writes.
zGETPSET	TIME	8	(IBM name: SMF116GETPSET) Elapsed time waiting for a read from a pageset.

zGETPSN	INT	4	(IBM name: SMF116GETPSN) Number of pageset MQGETs.
zGETSUSET	TIME	8	(IBM name: SMF116GETSUSET) Total elapsed time suspended for MQGETs.
zGETSUSN	INT	4	(IBM name: SMF116GETSUSN) Number of times suspended.
zGETEPAGE	INT	4	(IBM name: SMF116GETEPAGE) Number of pages skipped when doing MQGETs.
zGETSMMSG	INT	4	(IBM name: SMF116GETSMMSG) Number of messages skipped.
zGETEXMSG	INT	4	(IBM name: SMF116GETEXMSG) Number of expired messages.
zPUTEYE	CHAR	4	(IBM name: SMF116PUTEYE) Eyecatcher - 'PUT'.
zPUTET	TIME	8	(IBM name: SMF116PUTET) Total elapsed time for MQPUTs.
zPUTCT	TIME	8	(IBM name: SMF116PUTCT) Total CPU time for MQPUTs.
zPUTN	INT	4	(IBM name: SMF116PUTN) Number of MQPUT calls passed directly to waiting getter.
zPUTJWET	TIME	8	(IBM name: SMF116PUTJWET) Elapsed time waiting for ALL journal writes to complete.
zPUTJWN	INT	4	(IBM name: SMF116PUTJWN) Number of journal writes.
zPUTSUSET	TIME	8	(IBM name: SMF116PUTSUSET) Total elapsed time suspended for MQPUTs.
zPUTSUSN	INT	4	(IBM name: SMF116PUTSUSN) Number of times suspended.
zPUTPSET	TIME	8	(IBM name: SMF116PUTPSET) Elapsed time waiting for pageset for MQPUT.
zPUTPSN	INT	4	(IBM name: SMF116PUTPSN) Number of pageset MQPUTs.
zPUT1EYE	CHAR	4	(IBM name: SMF116PUT1EYE) Eyecatcher - 'PUT1'.
zPUT1ET	TIME	8	(IBM name: SMF116PUT1ET) Total elapsed time for MQPUT1s.
zPUT1CT	TIME	8	(IBM name: SMF116PUT1CT) Total CPU time for MQPUT1s.
zPUT1N	INT	4	(IBM name: SMF116PUT1N) Number of MQPUT1 calls.
zPUT1JWET	TIME	8	(IBM name: SMF116PUT1JWET) Elapsed time waiting for ALL journal writes to complete.
zPUT1JWN	INT	4	(IBM name: SMF116PUT1JWN) Number of journal writes.
zPUT1SUSET	TIME	8	(IBM name: SMF116PUT1SUSET) Total elapsed time suspended for MQPUT1s.
zPUT1SUSN	INT	4	(IBM name: SMF116PUT1SUSN) Number of times suspended.
zPUT1PSET	TIME	8	(IBM name: SMF116PUT1PSET) Elapsed time waiting for pageset for MQPUT1.
zPUT1PSN	INT	4	(IBM name: SMF116PUT1PSN) Number of pageset MQPUT1s.
zINQEYE	CHAR	4	(IBM name: SMF116INQEYE) Eyecatcher - 'INQ'.
zINQET	TIME	8	(IBM name: SMF116INQET) Total elapsed time for MQINQs.

zINQCT	TIME	8	(IBM name: SMF116INQCT) Total CPU time for MQINQs.
zINQN	INT	4	(IBM name: SMF116INQN) Number of MQINQ calls.
zSETEYE	CHAR	4	(IBM name: SMF116SETEYE) Eyecatcher - 'SET '.
zSETET	TIME	8	(IBM name: SMF116SETET) Total elapsed time for MQSETs.
zSETCT	TIME	8	(IBM name: SMF116SETCT) Total CPU time for MQSETs.
zSETN	INT	4	(IBM name: SMF116SETN) Number of MQSET calls.
zSETJWET	TIME	8	(IBM name: SMF116SETJWET) Elapsed time waiting for ALL journal writes to complete.
zSETJWN	INT	4	(IBM name: SMF116SETJWN) Number of journal writes.
zNPS	INT	4	(IBM name: SMF116NPS) Pageset number. This has a valid value if validput > 0 or validget > 0.
zCFSTRUCNAME	CHAR	12	(IBM name: SMF116CFSTRUCNAME) Name of CF structure.
zNBUFFPOOL	INT	4	(IBM name: SMF116NBUFFPOOL) Buffer pool number. This has a valid value if validput > 0 or validget > 0.
zPUTBYTES	TIME	8	(IBM name: SMF116PUTBYTES) Total bytes put by MQQUT/MQPUT1.
zGETBYTES	TIME	8	(IBM name: SMF116GETBYTES) Total bytes got by MQGET.
zVALIDPUT	INT	4	(IBM name: SMF116VALIDPUT) Number of MQPUT/MQPUT1s with data.
zVALIDGET	INT	4	(IBM name: SMF116VALIDGET) Number of MQGETs with data.
zNGEN	INT	4	(IBM name: SMF116NGEN) Number of generated messages.
zGETMAXMS	INT	4	(IBM name: SMF116GETMAXMS) Get maximum message size.
zGETMINMS	INT	4	(IBM name: SMF116GETMINMS) Get minimum message size.
zPUTMAXMS	INT	4	(IBM name: SMF116PUTMAXMS) Put maximum message size.
zPUTMINMS	INT	4	(IBM name: SMF116PUTMINMS) Put minimum message size.
zMAXLATNT	TIME	8	(IBM name: SMF116MAXLATNT) Maximum time on queue of message.
zMINLATNT	TIME	8	(IBM name: SMF116MINLATNT) Minimum time on queue of message.
zTOTLATNT	TIME	8	(IBM name: SMF116TOTLATNT) Total time on queue of messages.
zWQBACK	INT	4	(IBM name: SMF116WQBACK) Reserved.
zUSE_COUNT	INT	4	(IBM name: SMF116USE_COUNT) Use: +1 for open, -1 for close.
zTOTAL_USE	INT	4	(IBM name: SMF116TOTAL_USE) Total number of calls.
zGETPMSG	INT	4	(IBM name: SMF116GETPMSG) Number of persistent messages got by MQGET.
zPUTPMSG	INT	4	(IBM name: SMF116PUTPMSG) Number of persistent messages put by MQPUT.

zPUT1PMSG	INT	4	(IBM name: SMF116PUT1PMSG) Number of persistent messages put by MQPUT1.
zMAXQDPTH	INT	4	(IBM name: SMF116MAXQDPTH) Maximum encountered queue depth.
zFLAGS	HEX	2	(IBM name: SMF116FLAGS) Flags.
zGETDVAL	INT	4	(IBM name: SMF116GETDVAL) Number of Successful destructive gets.
zGETJCET	TIME	8	(IBM name: SMF116GETJCET) Elapsed time waiting for FORCE journal writes to complete.
zGETJCN	INT	4	(IBM name: SMF116GETJCN) Number of FORCE journal writes.
zPUTPWG	INT	4	(IBM name: SMF116PUTPWG) Number of MQPUT calls where msg.
zPUTJCET	TIME	8	(IBM name: SMF116PUTJCET) Elapsed time waiting for FORCE journal writes to complete.
zPUTJCN	INT	4	(IBM name: SMF116PUTJCN) Number of FORCE journal writes.
zPUT1PWG	INT	4	(IBM name: SMF116PUT1PWG) Number of MQPUT1 calls where message passed directly to waiting getter.
zPUT1JCET	TIME	8	(IBM name: SMF116PUT1JCET) Elapsed time waiting for FORCE journal writes to complete.
zPUT1JCN	INT	4	(IBM name: SMF116PUT1JCN) Number of FORCE journal writes.
zSETJCET	TIME	8	(IBM name: SMF116SETJCET) Elapsed time waiting for FORCE journal writes to complete.
zSETJCN	INT	4	(IBM name: SMF116SETJCN) Number of FORCE journal writes.
zPUTDSQ	INT	4	(IBM name: SMF116PUTDSQ) Puts direct to shared queue.
zPUTIGQ	INT	4	(IBM name: SMF116PUTIGQ) Puts direct to shared queue.
zPUT1IGQ	INT	4	(IBM name: SMF116PUT1IGQ) Puts direct to shared queue.
zSELCOUNT	INT	4	(IBM name: SMF116SELCOUNT) Count of selection requests.
zSELMAXLN	INT	4	(IBM name: SMF116SELMAXLN) Maximum length of selector.
zCBEYE	CHAR	4	(IBM name: SMF116CBEYE) Eyecatcher - 'CB '.
zCBET	TIME	8	(IBM name: SMF116CBET) Total elapsed time for MQCBs.
zCBCT	TIME	8	(IBM name: SMF116CBCT) Total CPU time for MQCBs.
zCBN	INT	4	(IBM name: SMF116CBN) Count of MQCB requests.
zOPENSUET	TIME	8	(IBM name: SMF116OPENSUET) OPEN suspend time.
zOPENSUN	INT	4	(IBM name: SMF116OPENSUN) OPEN suspend count.
zCLOSESUET	TIME	8	(IBM name: SMF116CLOSESUET) CLOSE suspend time.
zCLOSESUN	INT	4	(IBM name: SMF116CLOSESUN) CLOSE suspend count.
zOPENCF0	INT	4	(IBM name: SMF116OPENCF0) Number of calls for OPEN - no CF.

zCLOSECF0	INT	4	(IBM name: SMF116CLOSECF0) Number of calls for CLOSE - no CF.
-----------	-----	---	--

SMF116#02_Queue_Level_Accounting.zOPENCFSTATS.<fieldname>

zOpenCFCount	INT	4	(IBM name: SMF116OpenCFCount) Number of calls to module for OPEN.
zOpenCFSyncN	INT	4	(IBM name: SMF116OpenCFSyncN) Number of synchronous calls for OPEN.
zOpenCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116OpenCFSyncET) Total elapsed time for synchronous CF calls for OPEN in seconds.
zOpenCFAsyncN	INT	4	(IBM name: SMF116OpenCFAsyncN) Number of Asynchronous calls for OPEN.
zOpenCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116OpenCFAsyncET) Total elapsed time for Asynchronous CF calls for OPEN in seconds.

SMF116#02_Queue_Level_Accounting.zCLOSECFSTATS.<fieldname>

zCLOSECFCount	INT	4	(IBM name: SMF116CLOSECFCount) Number of calls to module for CLOSE.
zCLOSECFSyncN	INT	4	(IBM name: SMF116CLOSECFSyncN) Number of synchronous calls for CLOSE.
zCLOSECFSyncET	FIXED	4 (10,6)	(IBM name: SMF116CLOSECFSyncET) Total elapsed time for synchronous CF calls for CLOSE in seconds.
zCLOSECFAsyncN	INT	4	(IBM name: SMF116CLOSECFAsyncN) Number of Asynchronous calls for CLOSE.
zCLOSECFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116CLOSECFAsyncET) Total elapsed time for Asynchronous CF calls for CLOSE in seconds.

SMF116#02_Queue_Level_Accounting.zGETCFSTATS.<fieldname>

zGETCFCount	INT	4	(IBM name: SMF116GETCFCount) Number of calls to module for GET.
zGETCFSyncN	INT	4	(IBM name: SMF116GETCFSyncN) Number of synchronous calls for GET.
zGETCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116GETCFSyncET) Total elapsed time for synchronous CF calls for GET in seconds.
zGETCFAsyncN	INT	4	(IBM name: SMF116GETCFAsyncN) Number of Asynchronous calls for GET.
zGETCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116GETCFAsyncET) Total elapsed time for Asynchronous CF calls for GET in seconds.

SMF116#02_Queue_Level_Accounting.zPUTCFSTATS.<fieldname>

zPUTCFCount	INT	4	(IBM name: SMF116PUTCFCount) Number of calls to module for PUT.
zPUTCFSyncN	INT	4	(IBM name: SMF116PUTCFSyncN) Number of synchronous calls for PUT.
zPUTCFSyncET	FIXED	4 (10,6)	(IBM name: SMF116PUTCFSyncET) Total elapsed time for synchronous CF calls for PUT in seconds.
zPUTCFAsyncN	INT	4	(IBM name: SMF116PUTCFAsyncN) Number of Asynchronous calls for PUT.
zPUTCFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116PUTCFAsyncET) Total elapsed time for Asynchronous CF calls for PUT in seconds.

SMF116#02_Queue_Level_Accounting.zPUT1CFSTATS.<fieldname>

zPUT1CFCount	INT	4	(IBM name: SMF116PUT1CFCount) Number of calls to module for PUT1.
zPUT1CFSyncN	INT	4	(IBM name: SMF116PUT1CFSyncN) Number of synchronous calls for PUT1.

zPUT1CFSyncET	FIXED	4 (10,6)	(IBM name: SMF116PUT1CFSyncET) Total elapsed time for synchronous CF calls for PUT1 in seconds.
zPUT1CFAsyncN	INT	4	(IBM name: SMF116PUT1CFAsyncN) Number of Asynchronous calls for PUT1.
zPUT1CFAsyncET	FIXED	4 (10,6)	(IBM name: SMF116PUT1CFAsyncET) Total elapsed time for Asynchronous CF calls for PUT1 in seconds.

SMF116#02_Queue_Level_Accounting.<fieldname>

zPUBLISHEDN	INT	4	(IBM name: SMF116PUBLISHEDN) Number of publications made.
zRES1	HEX	12	(IBM name: SMF116RES1) reserved.
zTOPICOPENSRB	TIME	8	(IBM name: SMF116TOPICOPENSRB) Topic open on SRB task.
zTOPICPutSRB	TIME	8	(IBM name: SMF116TOPICPutSRB) Topic Put on SRB task.
zTOPICput1SRB	TIME	8	(IBM name: SMF116TOPICput1SRB) Topic Put1 on SRB task.
zTOPICCloseSRB	TIME	8	(IBM name: SMF116TOPICCloseSRB) Topic Close on SRB task.
zPUTDDLY	INT	4	(IBM name: SMF116PUTDDLY) Number of puts with delivery delay.

Record Type 116 Subtype 10 - Channel Statistics

Primary Segment:

- [SMF116#10_MQSeries_Accounting](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF116#10_Channel_Statistics](#)
- [SMF116#10_Product_Information](#)

Primary segment: [SMF116#10_MQSeries_Accounting](#)

Field Name	Type	Len	Description
<i>SMF116#10_MQSeries_Accounting.<fieldname></i>			
<i>SMF116#10_MQSeries_Accounting.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF116FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF116RTY) Record type 116
zTME	TSTMP	8	(IBM name: SMF116TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF116SID) z/OS Subsystem identification (from the SID parameter).
zSSID	CHAR	4	(IBM name: SMF116SSID) IBM MQ subsystem id.
zSTY	INT	2	(IBM name: SMF116STY) Record subtype.
zREL	CHAR	3	(IBM name: SMF116REL) IBM MQ version.

<i>SMF116#10_MQSeries_Accounting.Self_defining_Section.<fieldname></i>			
zPSO	INT	4	(IBM name: SMF116PSO) Offset to the product section from the beginning of the record (including RDW).
zPSL	INT	2	(IBM name: SMF116PSL) Length of the product section.
zPSN	INT	2	(IBM name: SMF116PSN) Number of product sections.
zR1O	INT	4	(IBM name: SMF116R1O) Offset to the Channel Statistics Data section from the beginning of the record (including RDW).
zR1L	INT	2	(IBM name: SMF116R1L) Length of the Channel Statistics Data section.
zR1N	INT	2	(IBM name: SMF116R1N) Number of Channel Statistics Data sections.

Secondary segment: [SMF116#10_Product_Information](#)

Field Name	Type	Len	Description
<i>SMF116#10_Product_Information.<fieldname></i>			
zHLEN	INT	2	(IBM name: SMF116HLEN) Length of the standard header.

zHTYP	INT (ENUM)	1	(IBM name: SMF116HTYP) Header Type.
zHRMID	INT	1	(IBM name: SMF116HRMID) Resource manager id.
zHIID	INT	2	(IBM name: SMF116HIID) IFC ID.
zHNSDA	INT	1	(IBM name: SMF116HNSDA) Number of self-defining areas.
zHREL	INT	1	(IBM name: SMF116HREL) Release indicator.
zHACE	HEX	4	(IBM name: SMF116HACE) ACE address - dispatch unit address.
zSNM	CHAR	4	(IBM name: SMF116SNM) Subsystem name.
zSTCK	TSTMP	8	(IBM name: SMF116STCK) STCK Store clock value of header.
zISEQ	INT	4	(IBM name: SMF116ISEQ) Sequence number for IFCID.
zWSEQ	INT	4	(IBM name: SMF116WSEQ) Sequence number for destination.

SMF116#10_Product_Information.zHFLG.<fieldname>

zSMFC	BIT	1	More SMF records follow for this interval.
-------	-----	---	--

Secondary segment: SMF116#10_Channel_Statistics

Field Name	Type	Len	Description
<i>SMF116#10_Channel_Statistics.<fieldname></i>			
zCHID	HEX	2	(IBM name: SMF116CHID) Control block id.
zCHLEN	INT	2	(IBM name: SMF116CHLEN) Length of control block.
zCHDESC	CHAR	4	(IBM name: SMF116CHDESC) Eye-catcher.
zCHTime	TSTMP	8	(IBM name: SMF116CHTime) Channel status collected time.
zCHName	CHAR	20	(IBM name: SMF116CHName) Channel name.
zCHDisp	INT	1	(IBM name: SMF116CHDisp) Channel disposition. (See MQCHLD_*)
zCHType	INT	1	(IBM name: SMF116CHType) Channel type. (See MQCHT_*)
zCHState	INT	1	(IBM name: SMF116CHState) Channel state. (See MQCHS_*)
zCHSTCL	INT	1	(IBM name: SMF116CHSTCL) Setting of STATCHL. (See MQMON_*)
zCHCNNM	CHAR	48	(IBM name: SMF116CHCNNM) Connection name.
zCHSTRT	TSTMP	8	(IBM name: SMF116CHSTRT) Channel start date & time.
zCHLUDT	TSTMP	8	(IBM name: SMF116CHLUDT) Channel stop date & time.
zCHLMST	TSTMP	8	

			(IBM name: SMF116CHLMST) Last message date & time.
zCHCBSZ	INT	4	(IBM name: SMF116CHCBSZ) Channel batch size.
zCHNMSG	INT	4	(IBM name: SMF116CHNMSG) Number of messages, or Number of MQI calls (for SVRCONN).
zCHNPMG	INT	4	(IBM name: SMF116CHNPMG) Number of persistent messages.
zCHBATC	INT	4	(IBM name: SMF116CHBATC) Number of batches.
zCHFUBA	INT	4	(IBM name: SMF116CHFUBA) Number of full batches.
zCHBFST	INT	4	(IBM name: SMF116CHBFST) Number of transmission buffer sent.
zCHBFRC	INT	4	(IBM name: SMF116CHBFRC) Number of transmission buffer received.
zCHCSCV	INT	4	(IBM name: SMF116CHCSCV) Current shared conversation.
zCHNBYT	INT	8	(IBM name: SMF116CHNBYT) Number of bytes.
zCHNPBY	INT	8	(IBM name: SMF116CHNPBY) Number of bytes in persistent messages.
zCHBYST	INT	8	(IBM name: SMF116CHBYST) Number of bytes sent.
zCHBYRC	INT	8	(IBM name: SMF116CHBYRC) Number of bytes received.
zCHCPRA	INT	4	(IBM name: SMF116CHCPRA) Compression rate.
zCHETAV	FIXED	4 (10,6)	(IBM name: SMF116CHETAV) Exit time average (seconds).
zCHETMN	FIXED	4 (10,6)	(IBM name: SMF116CHETMN) Exit time minimum (seconds).
zCHETMX	FIXED	4 (10,6)	(IBM name: SMF116CHETMX) Exit time maximum (seconds).
zCHETDT	TSTMP	8	(IBM name: SMF116CHETDT) Exit time maximum date & time.
zCHDNRT	FIXED	4 (10,6)	(IBM name: SMF116CHDNRT) DNS resolution time (seconds).
zCHNTAV	FIXED	4 (10,6)	(IBM name: SMF116CHNTAV) Net time average (seconds).
zCHNTMN	FIXED	4 (10,6)	(IBM name: SMF116CHNTMN) Net time minimum (seconds).
zCHNTMX	FIXED	4 (10,6)	(IBM name: SMF116CHNTMX) Net time maximum (seconds).
zCHNTDT	TSTMP	8	(IBM name: SMF116CHNTDT) Net time maximum date & time.
zCHRQMN	CHAR	48	(IBM name: SMF116CHRQMN) Remote QMGR/APP name.
zCHSLSN	CHAR	8	(IBM name: SMF116CHSLSN) SERIALNUMBER from SSLPEER (in hex).
zCHSLCN	CHAR	16	(IBM name: SMF116CHSLCN) CN from SSLCERTI.
zCHSLCS	INT	4	(IBM name: SMF116CHSLCS) SSL is used or not, if yes, the SSL CipherSpec being used (in hex).
zCHPTRC	INT	4	(IBM name: SMF116CHPTRC) Put retry count.

zCHQETC	INT	4	(IBM name: SMF116CHQETC) XMITQ empty count.
zCHCBIT	INT	4	(IBM name: SMF116CHCBIT) Channel batch interval (milliseconds).
zCHCBDL	INT	4	(IBM name: SMF116CHCBDL) Channel batch data limit (kilobytes).
zCHDSPN	INT	2	(IBM name: SMF116CHDSPN) Dispatcher number.

Record Type 117 - WebSphere Message Broker and IBM Integration Bus

SMF Record 117 (WebSphere Message Broker and IBM Integration Bus) is mapped by structure member "T117ST01".

Primary Segment:

- [SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF117#01_Message_Flow](#)
- [SMF117#01_Node](#)
- [SMF117#01_Terminal](#)
- [SMF117#01_Thread](#)

Primary segment: [SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus](#)

Field Name	Type	Len	Description
<i>SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus.<fieldname></i>			
<i>SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF117FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF117RTY) Record type 117
zTME	TSTMP	8	(IBM name: SMF117TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF117SID) System identification.
zSSID	CHAR	4	(IBM name: SMF117SSI) Subsystem id.
zSTY	INT	2	(IBM name: SMF117STY) Record subtype. 1 (only message flow or threads data is being collected), 2 (node data is being collected)

<i>SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus.Self_defining_Section.<fieldname></i>			
zNT	INT	4	(IBM name: SMF117TCT) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zSRT	CHAR	1	(IBM name: SMF117SRT) Record type, one of: Archive, Snapshot.
zSRC	INT (ENUM)	1	(IBM name: SMF117SRC) Record Code.
zRSQ	INT	4	(IBM name: SMF117RSQ) Sequence number of the record when multiple records are written for a collection interval.
zNOR	INT	4	(IBM name: SMF117NOR) Total number of related records in a collection interval.
zFLOWO	INT	4	(IBM name: SMF117FLOWO) Offset to Message Flow section.
zFLOWN	INT	2	(IBM name: SMF117FLOWN) Number of Message Flow sections.
zFLOWL	INT	2	(IBM name: SMF117FLOWL) Length of Message Flow sections.
zTHREADO	INT	4	(IBM name: SMF117THREADO) Offset to Thread section.
zTHREADN	INT	2	

			(IBM name: SMF117THREADN) Number of Thread sections.
zTHREADL	INT	2	(IBM name: SMF117THREADL) Length of Thread sections.
zNODEO	INT	4	(IBM name: SMF117NODEO) Offset to Node section.
zNODEN	INT	2	(IBM name: SMF117NODEN) Number of Node sections.
zNODEL	INT	2	(IBM name: SMF117NODEL) Length of Node sections.
zTERMO	INT	4	(IBM name: SMF117TERMO) Offset to Terminal section.
zTERMN	INT	2	(IBM name: SMF117TERMN) Number of Terminal sections.
zTERML	INT	2	(IBM name: SMF117TERML) Length of Terminal sections.

Secondary segment: SMF117#01_Message_Flow

Field Name	Type	Len	Description
<i>SMF117#01_Message_Flow.<fieldname></i>			
zID	INT	2	(IBM name: IMFLID) Control block hex ID (BipSMFMessageFlow_ID).
zLEN	INT	2	(IBM name: IMFLLEN) Length of control block.
zEYE	CHAR	4	(IBM name: IMFLEYE) Eyecatcher (IMFL).
zVER	INT	4	(IBM name: IMFLVER) Version number (BipSMFRecordVersion).
zBKNM	CHAR	32	(IBM name: IMFLBKNM) Integration node name.
zBKID	CHAR	36	(IBM name: IMFLBKID) Integration node universal unique identifier.
zEXNM	CHAR	32	(IBM name: IMFLEXNM) Integration server name.
zEXID	CHAR	36	(IBM name: IMFLEXID) Integration server universal unique identifier.
zMFNM	CHAR	32	(IBM name: IMFLMFNM) Message flow name.
zSTDT_YYYY	INT	2	(IBM name: IMFLSTDT) Interval start date - year.
zSTDT_MM	INT	1	(IBM name: IMFLSTDT) Interval start date - month.
zSTDT_DD	INT	1	(IBM name: IMFLSTDT) Interval start date - day.
zSTTM	TIME	4	(IBM name: IMFLSTTM) Interval start time (format as for SM117TME).
zSTTS	CHAR	26	(IBM name: IMFLSTTS) Interval start date and time (universal timestamp in ISO8601).
zENDT_YYYY	INT	2	(IBM name: IMFLENDT) Interval end date - year.
zENDT_MM	INT	1	(IBM name: IMFLENDT) Interval end date - month.

zENDT_DD	INT	1	(IBM name: IMFLENDT) Interval end date - day.
zENTM	TIME	4	(IBM name: IMFLENTM) Interval end time (format as for SM117TME).
zENTS	CHAR	26	(IBM name: IMFLENTS) Interval end date and time (universal timestamp in ISO8601).
zTPTM	INT	8	(IBM name: IMFLTPTM) Total elapsed time spent processing input messages (8 bytes binary, microseconds).
zMXTM	INT	8	(IBM name: IMFLMXTM) Maximum elapsed time spent processing an input message (8 bytes binary, microseconds).
zMNTM	INT	8	(IBM name: IMFLMNTM) Minimum elapsed time spent processing an input message (8 bytes binary, microseconds).
zTPCP	INT	8	(IBM name: IMFLTPCP) Total processor time spent processing input messages (8 bytes binary, microseconds).
zMXCP	INT	8	(IBM name: IMFLMXCP) Maximum processor time spent processing an input message (8 bytes binary, microseconds).
zMNCP	INT	8	(IBM name: IMFLMNCP) Minimum processor time spent processing an input message (8 bytes binary, microseconds).
zWTCP	INT	8	(IBM name: IMFLWTCP) Total processor time spent waiting for input messages (8 bytes binary, microseconds).
zWTIN	INT	8	(IBM name: IMFLWTIN) Total elapsed time spent waiting for input messages (8 bytes binary, microseconds).
zTPMG	INT	4	(IBM name: IMFLTPMG) Total number of messages processed.
zTSMG	INT	8	(IBM name: IMFLTSMG) Total size of input messages (bytes).
zMXMG	INT	8	(IBM name: IMFLMXMG) Maximum input message size (bytes).
zMNMG	INT	8	(IBM name: IMFLNMGM) Minimum input message size (bytes).
zTHDP	INT	4	(IBM name: IMFLTHDP) Number of threads in pool.
zTHDM	INT	4	(IBM name: IMFLTHDM) Number of times the maximum number of threads is reached.
zERMQ1	INT	4	(IBM name: IMFLERMQ1) Number of MQGET errors (MQInput node) or web services errors (HTTPInput node).
zERMG2	INT	4	(IBM name: IMFLERMG2) Number of messages that contain errors.
zERPR	INT	4	(IBM name: IMFLERPR) Number of errors processing a message.
zTMOU	INT	4	(IBM name: IMFLTMOU) Number of timeouts processing a message (AggregateReply node only).
zCMIT	INT	4	(IBM name: IMFLCMIT) Number of transaction commits.
zBKOU	INT	4	(IBM name: IMFLBKOU) Number of transaction backouts.
zACCT	CHAR	32	(IBM name: IMFLACCT) Accounting origin.

Secondary segment: SMF117#01_Thread

Field Name	Type	Len	Description
<i>SMF117#01_Thread.<fieldname></i>			
zID	INT	2	(IBM name: ITHDID) Control block hex ID.
zLEN	INT	2	(IBM name: ITHDLEN) Length of control block.
zEYE	CHAR	4	(IBM name: ITHDEYE) Eyecatcher (ITHD).
zVER	INT	4	(IBM name: ITHDVER) Version number (BipSMFRecordVersion).
zNBR	INT	4	(IBM name: ITHDNBR) Relative thread number in pool.
zTPMG	INT	4	(IBM name: ITHDTPMG) Total number of messages processed by thread.
zTPTM	INT	8	(IBM name: ITHDTPTM) Total elapsed time spent processing input messages (8 bytes binary, microseconds).
zTPCP	INT	8	(IBM name: ITHDTPCP) Total processor time spent processing input messages (8 bytes binary, microseconds).
zWTCP	INT	8	(IBM name: ITHDWTCP) Total processor time spent waiting for input messages (8 bytes binary, microseconds).
zWTIN	INT	8	(IBM name: ITHDWTIN) Total elapsed time spent waiting for input messages (8 bytes binary, microseconds).
zTSMG	INT	8	(IBM name: ITHDTSMG) Total size of input messages (bytes).
zMXMG	INT	8	(IBM name: ITHDMXMG) Maximum size of input messages (bytes).
zMNMG	INT	8	(IBM name: ITHDMNMG) Minimum size of input messages (bytes).

Secondary segment: SMF117#01_Node

Field Name	Type	Len	Description
<i>SMF117#01_Node.<fieldname></i>			
zID	INT	2	(IBM name: INODID) Control block hex ID (BipSMFNode_ID).
zLEN	INT	2	(IBM name: INODLEN) Length of control block.
zEYE	CHAR	4	(IBM name: INODEYE) Eyecatcher (INOD).
zVER	INT	4	(IBM name: INODVER) Version number (BipSMFRecordVersion).
zNDNM	INT	8	(IBM name: INODNDNM) Name of node (Label).
zTYPE	INT	8	(IBM name: INODTYPE) Type of node.
zTPTM	INT	8	

			(IBM name: INODTPTM) Total elapsed time spent processing input messages (8 bytes binary, microseconds).
zMXTM	INT	8	(IBM name: INODMXTM) Maximum elapsed time spent processing input messages (8 bytes binary, microseconds).
zMNTM	INT	8	(IBM name: INODMNTM) Minimum elapsed time spent processing input messages (8 bytes binary, microseconds).
zTPCP	INT	8	(IBM name: INODTPCP) Total processor time spent processing input messages (8 bytes binary, microseconds).
zMXCP	INT	8	(IBM name: INODMXCP) Maximum processor time spent processing input messages (8 bytes binary, microseconds).
zMNCP	INT	8	(IBM name: INODMNCP) Minimum processor time spent processing input messages (8 bytes binary, microseconds).
zTPMG	INT	4	(IBM name: INODTPMG) Total number of messages processed by this node.
zNITL	INT	4	(IBM name: INODNITL) Number of input terminals.
zNOTL	INT	4	(IBM name: INODNOTL) Number of output terminals.

Secondary segment: SMF117#01_Terminal

Field Name	Type	Len	Description
<i>SMF117#01_Terminal.<fieldname></i>			
zID	INT	2	(IBM name: ITRMID) Control block hex ID (BipSMFTerminal_ID).
zLEN	INT	2	(IBM name: ITRMLEN) Length of control block.
zEYE	CHAR	4	(IBM name: ITRMEYE) Eyecatcher (ITRM).
zVER	INT	4	(IBM name: ITRMVER) Version number (BipSMFRecordVersion).
zTLNM	CHAR	32	(IBM name: ITRMTLNM) Name of terminal.
zTYPE	CHAR	8	(IBM name: ITRMTYPE) Type of terminal, one of: Input or Output.
zTINV	INT	4	(IBM name: ITRMTINV) Total number of invocations.

Record Type 118 - TCPIP Statistics

SMF Record 118 (TCPIP Statistics) has several subtypes, each mapped by a structure member name of the format "T118STnn".

Record Type 118 Subtype 1 - TCP API Initialization

Primary Segment:

- **SMF118#01_TCPIP_Statistics**

Secondary Segment(s): 0

Primary segment: **SMF118#01_TCPIP_Statistics**

Field Name	Type	Len	Description
<i>SMF118#01_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#01_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#01_TCPIP_Statistics.TCP_API_Init.<fieldname></i>			
zStatus	CHAR	4	(IBM name: N/A) Connection status: 'INIT' Connection initiation. 'TERM' Connection termination.
zLIP	IPADDRESS	4	(IBM name: N/A) Local IPv4 address.
zRIP	IPADDRESS	4	(IBM name: N/A) Remote IPv4 address.
zLPort	INT	2	(IBM name: N/A) Local port number.
zRPort	INT	2	(IBM name: N/A) Remote port number.
zIn	INT	4	(IBM name: N/A) Inbound bytes (valid only for TERM records).
zOit	INT	4	(IBM name: N/A) Outbound bytes (valid only for TERM records).
zUXOff	INT	2	(IBM name: N/A) Offset to start of an area available for user exit storage.
zUXLen	INT	2	(IBM name: N/A) User area length. The current maximum length of the user data is 52 bytes. This value could change between TCP/IP releases.

zJOBNAME	CHAR	8	(IBM name: N/A) Job name which is one of the following: 1. For interactive TSO API usage, the TSO user ID. 2. Batch-submitted jobs, the name of the JOB card. 3. Started procedures, the name of the procedure.
zJID	CHAR	8	(IBM name: N/A) JES job identifier.
zStart	TSTMP	8	(IBM name: N/A) Connection start time & date.
zUXArea	CHAR	52	(IBM name: N/A) User area, available for user exit usage. The actual displacement of this area might change between TCP/IP releases. Use the values of the user area offset and the user area length fields to access this area correctly.

Record Type 118 Subtype 2 - TCP API Termination

Primary Segment:

- SMF118#02_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#02_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#02_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#02_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#02_TCPIP_Statistics.TCP_API_Term.<fieldname></i>			
zStatus	CHAR	4	(IBM name: N/A) Connection status: 'INIT' Connection initiation. 'TERM' Connection termination.
zLIP	IPADDRESS	4	(IBM name: N/A) Local IPv4 address.
zRIP	IPADDRESS	4	(IBM name: N/A) Remote IPv4 address.
zLPort	INT	2	(IBM name: N/A) Local port number.
zRPort	INT	2	(IBM name: N/A) Remote port number.
zIn	INT	4	(IBM name: N/A) Inbound bytes (valid only for TERM records).
zOit	INT	4	(IBM name: N/A) Outbound bytes (valid only for TERM records).
zUXOff	INT	2	(IBM name: N/A) Offset to start of an area available for user exit storage.
zUXLen	INT	2	(IBM name: N/A) User area length. The current maximum length of the user data is 52 bytes. This value could change between TCP/IP releases.
zJOBNAME	CHAR	8	(IBM name: N/A) Job name which is one of the following: 1. For interactive TSO API usage, the TSO user ID. 2. Batch-submitted jobs, the name of the JOB card. 3. Started procedures, the name of the procedure.
zJID	CHAR	8	(IBM name: N/A) JES job identifier.

zStart	TSTMP	8	(IBM name: N/A) Connection start time & date.
zUXArea	CHAR	52	(IBM name: N/A) User area, available for user exit usage. The actual displacement of this area might change between TCP/IP releases. Use the values of the user area offset and the user area length fields to access this area correctly.

Record Type 118 Subtype 3 - FTP Client

Primary Segment:

- SMF118#03_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: [SMF118#03_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF118#03_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#03_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#03_TCPIP_Statistics.FTP_Client.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand: APPE Append RETR Retrieve STOR Store.
zReply	CHAR	4	(IBM name: N/A) Value of the reply to the FTP command.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (client) IP address (IPv4) or -1 for IPv6.
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (server) IP address (IPv4) or -1 for IPv6.
zLPort	INT	2	(IBM name: N/A) Local port.
zRPort	INT	2	(IBM name: N/A) Remote port.
zRUid	CHAR	8	(IBM name: N/A) Remote user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission, if applicable, in hundredths of seconds.
zEnd	TIME	4	

			(IBM name: N/A) End time of transmission.
zBytes	INT	4	(IBM name: N/A) Byte count, if applicable.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zLDSN	CHAR	44	(IBM name: N/A) Local data set name or PDS name (for z/OS UNIX file names, only the first 44 bytes are included).
zLMbr	CHAR	8	(IBM name: N/A) Member name for PDS.
zLUid	CHAR	8	(IBM name: N/A) User ID of the FTP user.
zHost	CHAR	8	(IBM name: N/A) Host ID.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 118 Subtype 4 - TN3270 Client

Primary Segment:

- SMF118#04_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#04_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#04_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#04_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF118#04_TCPIP_Statistics.TN3270E_Client.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) Event type: LOGN (Session initiation) or LOGF (Session termination).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (server) IP address.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (client) IP address.
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zNode	CHAR	8	(IBM name: N/A) NJE node name.
zRPort	INT	2	(IBM name: N/A) Remote port number.
zLPort	INT	2	(IBM name: N/A) Local port number.

Record Type 118 Subtype 5 - TCP/IP Statistics

Primary Segment:

- SMF118#05_TCPIP_Statistics

Secondary Segment(s): 5 (in alphabetical order)

- SMF118#05_ICMP_Stats
- SMF118#05_IP_Stats
- SMF118#05_Subsystem_Stats
- SMF118#05_TCP_Stats
- SMF118#05_UDP_Stats

Primary segment: SMF118#05_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#05_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#05_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#05_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zSSO	INT	4	(IBM name: N/A) Offset of subsystem area.
zSSL	INT	2	(IBM name: N/A) Length of subsystem area.
zSSN	INT	2	(IBM name: N/A) Number of subsystem areas.
zIPO	INT	4	(IBM name: N/A) Offset of IP area.
zIPL	INT	2	(IBM name: N/A) Length of IP area.
zIPN	INT	2	(IBM name: N/A) Number of IP areas.
zICO	INT	4	(IBM name: N/A) Offset of ICMP area.
zICL	INT	2	(IBM name: N/A) Length of ICMP area.
zICN	INT	2	(IBM name: N/A) Number of ICMP areas.
zTCO	INT	4	(IBM name: N/A) Offset of TCP area.
zTCL	INT	2	(IBM name: N/A) Length of TCP area.

zTCN	INT	2	(IBM name: N/A) Number of TCP areas.
zUDO	INT	4	(IBM name: N/A) Offset of UDP area.
zUDL	INT	2	(IBM name: N/A) Length of UDP area.
zUDN	INT	2	(IBM name: N/A) Number of UDP areas.

Secondary segment: SMF118#05_Subsystem_Stats

Field Name	Type	Len	Description
<i>SMF118#05_Subsystem_Stats.<fieldname></i>			
zProc	CHAR	8	(IBM name: N/A) TCP/IP Procname.
zASID	INT	4	(IBM name: N/A) TCP/IP ASID.
zTime	TSTMP	8	(IBM name: N/A) TCP/IP Startup TOD.
zFlag	INT (ENUM)	4	(IBM name: N/A) TCP/IP SMF Reason. 'LastShut' => Last SMF record/Shutdown. 'LastEnd' => Last SMF record/End stats. 'Intv' => SMF Interval record.

Secondary segment: SMF118#05_IP_Stats

Field Name	Type	Len	Description
<i>SMF118#05_IP_Stats.<fieldname></i>			
zIRecv	INT	4	(IBM name: N/A) Total received datagrams.
zIHdrer	INT	4	(IBM name: N/A) Total discarded datagrams.
zladrer	INT	4	(IBM name: N/A) Total discarded: address errors.
zlfwdg	INT	4	(IBM name: N/A) Total attempts to forward datagrams.
zlunprt	INT	4	(IBM name: N/A) Total discarded: unknown protocols.
zldisc	INT	4	(IBM name: N/A) Total discarded: other.
zldelvr	INT	4	(IBM name: N/A) Total delivered datagrams.
zOreqst	INT	4	(IBM name: N/A) Total sent datagrams.
zOdisc	INT	4	(IBM name: N/A) Total send discarded: other.
zOnorte	INT	4	(IBM name: N/A) Total send discarded: no route.
zRsmtos	INT	4	(IBM name: N/A) Total reassembly timeouts.
zRsmreq	INT	4	(IBM name: N/A) Total received: reassembly required.

zRsmok	INT	4	(IBM name: N/A) Total datagrams reassembled.
zRsmfld	INT	4	(IBM name: N/A) Total reassembly failed.
zFragok	INT	4	(IBM name: N/A) Total datagrams fragmented.
zFrgfld	INT	4	(IBM name: N/A) Total discarded: fragments failed.
zRgcre	INT	4	(IBM name: N/A) Total fragments generated.
zRtdisc	INT	4	(IBM name: N/A) Total routing discards.
zRsmmax	INT	4	(IBM name: N/A) Max active reassemblies.
zRmsact	INT	4	(IBM name: N/A) Number of active reassemblies.
zRsmful	INT	4	(IBM name: N/A) Discarding reassembled fragments.

Secondary segment: SMF118#05_ICMP_Stats

Field Name	Type	Len	Description
SMF118#05_ICMP_Stats.<fieldname>			
zRest	XVCHAR	0 64	(IBM name: N/A) ICMP Statistics.

Secondary segment: SMF118#05_TCP_Stats

Field Name	Type	Len	Description
SMF118#05_TCP_Stats.<fieldname>			
zRtoAlgorithm	INT	4	(IBM name: N/A) Retransmit algorithm.
zRtoMin	INT	4	(IBM name: N/A) Minimum retransmit time (ms).
zRtoMax	INT	4	(IBM name: N/A) Maximum retransmit time (ms).
zMaxConn	INT	4	(IBM name: N/A) Maximum connections.
zActiveOpens	INT	4	(IBM name: N/A) Active opens.
zPassiveOpens	INT	4	(IBM name: N/A) Passive Opens.
zAttemptFails	INT	4	(IBM name: N/A) Open failures.
zEstabResets	INT	4	(IBM name: N/A) Number of resets.
zCurrEstab	INT	4	(IBM name: N/A) Number of currently established connections.
zInSegs	INT	4	(IBM name: N/A) Input segments.
zOutSegs	INT	4	

			(IBM name: N/A) Output segments.
zRetransSegs	INT	4	(IBM name: N/A) Retransmitted segments.
zInErrs	INT	4	(IBM name: N/A) Input errors.
zOutRsts	INT	4	(IBM name: N/A) Number of resets.

Secondary segment: **SMF118#05_UDP_Stats**

Field Name	Type	Len	Description
<i>SMF118#05_UDP_Stats.<fieldname></i>			
zInDgrm	INT	4	(IBM name: N/A) Received UDP datagrams.
zNoPorts	INT	4	(IBM name: N/A) UDP datagrams with no ports.
zInErrs	INT	4	(IBM name: N/A) Other UDP datagrams not received.
zOutDgrm	INT	4	(IBM name: N/A) UDP datagrams sent.

Record Type 118 Subtype 20 - TN3270 Server Initialization

Primary Segment:

- SMF118#20_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#20_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#20_TCPIP_Statistics.<fieldname></i>			
SMF118#20_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

SMF118#20_TCPIP_Statistics.TN3270E_Server.<fieldname>			
zCmd	CHAR	4	(IBM name: N/A) Event type: LOGN (Session initiation) or LOGF (Session termination).
zLU	CHAR	8	(IBM name: N/A) LU name.
zApp	CHAR	8	(IBM name: N/A) Application name.
zIAddr	HEX	4	(IBM name: N/A) Integral logical device address (same for LOGN and LOGF records).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote IP address.
zLIP	IPADDRESS	4	(IBM name: N/A) Local IP Address.
zQual	CHAR	8	(IBM name: N/A) Started task qualifier name, for example, TCPIP.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zIBytes	INT	4	(IBM name: N/A) Inbound byte count.
zOBytes	INT	4	(IBM name: N/A) Outbound byte count.
zLogoff	TSTMP	8	(IBM name: N/A) Logoff time & date. (LOGF record only)
zRPort	INT	2	(IBM name: N/A) Remote port number.
zLPort	INT	2	

		(IBM name: N/A) Local port number.
--	--	---------------------------------------

Record Type 118 Subtype 21 - TN3270 Server Termination

Primary Segment:

- SMF118#21_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#21_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#21_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#21_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#21_TCPIP_Statistics.TN3270E_Server.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) Event type: LOGN (Session initiation) or LOGF (Session termination).
zLU	CHAR	8	(IBM name: N/A) LU name.
zApp	CHAR	8	(IBM name: N/A) Application name.
zIAddr	HEX	4	(IBM name: N/A) Integral logical device address (same for LOGN and LOGF records).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote IP address.
zLIP	IPADDRESS	4	(IBM name: N/A) Local IP Address.
zQual	CHAR	8	(IBM name: N/A) Started task qualifier name, for example, TCPIP.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zIBytes	INT	4	(IBM name: N/A) Inbound byte count.
zOBytes	INT	4	(IBM name: N/A) Outbound byte count.
zLogoff	TSTMP	8	(IBM name: N/A) Logoff time & date. (LOGF record only)
zRPort	INT	2	(IBM name: N/A) Remote port number.
zLPort	INT	2	

		(IBM name: N/A) Local port number.
--	--	---------------------------------------

Record Type 118 Subtype 70 - FTP Server Append Subcommand

Primary Segment:

- SMF118#70_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#70_TCPIP_Statistics

Field Name	Type	Len	Description
SMF118#70_TCPIP_Statistics.<fieldname>			
SMF118#70_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

SMF118#70_TCPIP_Statistics.FTP_Server_Append.<fieldname>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand APPE Append: DELE (Delete), LOGN (Login), REN (Rename), RETR (Retrieve), STOR (Store) or STOU (Store unique).
zType	CHAR	4	(IBM name: N/A) FTP file type (SEQ, JES, SQL).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (client) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (server) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLUid	CHAR	8	(IBM name: N/A) Local user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission. The start time of the transmission might be greater than the end time when the transmission began on the previous day.
zEnd	TIME	4	(IBM name: N/A) End time of transmission.
zBytes	INT	4	

			(IBM name: N/A) Byte count of transmission.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zReply	CHAR	3	(IBM name: N/A) Last reply sent to the client from the FTP server.
zDSN	CHAR	44	(IBM name: N/A) User ID/Data set name. For LOGN records, this is the user ID of the failed login attempt, otherwise, this is the data set name, or up to the first 44 bytes of the z/OS UNIX file name.
zMbr	CHAR	8	(IBM name: N/A) Member name of PDS.
zDSN2	CHAR	44	(IBM name: N/A) Second data set name, if needed (for example, for REN subcommands). For z/OS UNIX files, up to the first 44 bytes of the z/OS UNIX file name.
zMbr2	CHAR	8	(IBM name: N/A) Second member name, if needed (for example, REN subcommands involving PDS files).
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (server) port number.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 118 Subtype 71 - FTP Server Delete Subcommand

Primary Segment:

- SMF118#71_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#71_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#71_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#71_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#71_TCPIP_Statistics.FTP_Server_Delete.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand APPE Append: DELE (Delete), LOGN (Login), REN (Rename), RETR (Retrieve), STOR (Store) or STOU (Store unique).
zType	CHAR	4	(IBM name: N/A) FTP file type (SEQ, JES, SQL).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (client) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (server) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLUid	CHAR	8	(IBM name: N/A) Local user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission. The start time of the transmission might be greater than the end time when the transmission began on the previous day.
zEnd	TIME	4	(IBM name: N/A) End time of transmission.
zBytes	INT	4	

			(IBM name: N/A) Byte count of transmission.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zReply	CHAR	3	(IBM name: N/A) Last reply sent to the client from the FTP server.
zDSN	CHAR	44	(IBM name: N/A) User ID/Data set name. For LOGN records, this is the user ID of the failed login attempt, otherwise, this is the data set name, or up to the first 44 bytes of the z/OS UNIX file name.
zMbr	CHAR	8	(IBM name: N/A) Member name of PDS.
zDSN2	CHAR	44	(IBM name: N/A) Second data set name, if needed (for example, for REN subcommands). For z/OS UNIX files, up to the first 44 bytes of the z/OS UNIX file name.
zMbr2	CHAR	8	(IBM name: N/A) Second member name, if needed (for example, REN subcommands involving PDS files).
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (server) port number.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 118 Subtype 72 - FTP Server Logon Failures

Primary Segment:

- SMF118#72_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#72_TCPIP_Statistics

Field Name	Type	Len	Description
SMF118#72_TCPIP_Statistics.<fieldname>			
SMF118#72_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

SMF118#72_TCPIP_Statistics.FTP_Server_Logon_Fail.<fieldname>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand APPE Append: DELE (Delete), LOGN (Login), REN (Rename), RETR (Retrieve), STOR (Store) or STOU (Store unique).
zType	CHAR	4	(IBM name: N/A) FTP file type (SEQ, JES, SQL).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (client) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (server) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLUid	CHAR	8	(IBM name: N/A) Local user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission. The start time of the transmission might be greater than the end time when the transmission began on the previous day.
zEnd	TIME	4	(IBM name: N/A) End time of transmission.
zBytes	INT	4	

			(IBM name: N/A) Byte count of transmission.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zReply	CHAR	3	(IBM name: N/A) Last reply sent to the client from the FTP server.
zDSN	CHAR	44	(IBM name: N/A) User ID/Data set name. For LOGN records, this is the user ID of the failed login attempt, otherwise, this is the data set name, or up to the first 44 bytes of the z/OS UNIX file name.
zMbr	CHAR	8	(IBM name: N/A) Member name of PDS.
zDSN2	CHAR	44	(IBM name: N/A) Second data set name, if needed (for example, for REN subcommands). For z/OS UNIX files, up to the first 44 bytes of the z/OS UNIX file name.
zMbr2	CHAR	8	(IBM name: N/A) Second member name, if needed (for example, REN subcommands involving PDS files).
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (server) port number.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 118 Subtype 73 - FTP Server Rename

Primary Segment:

- SMF118#73_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#73_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#73_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#73_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#73_TCPIP_Statistics.FTP_Server_Rename.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand APPE Append: DELE (Delete), LOGN (Login), REN (Rename), RETR (Retrieve), STOR (Store) or STOU (Store unique).
zType	CHAR	4	(IBM name: N/A) FTP file type (SEQ, JES, SQL).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (client) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (server) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLUid	CHAR	8	(IBM name: N/A) Local user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission. The start time of the transmission might be greater than the end time when the transmission began on the previous day.
zEnd	TIME	4	(IBM name: N/A) End time of transmission.
zBytes	INT	4	

			(IBM name: N/A) Byte count of transmission.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zReply	CHAR	3	(IBM name: N/A) Last reply sent to the client from the FTP server.
zDSN	CHAR	44	(IBM name: N/A) User ID/Data set name. For LOGN records, this is the user ID of the failed login attempt, otherwise, this is the data set name, or up to the first 44 bytes of the z/OS UNIX file name.
zMbr	CHAR	8	(IBM name: N/A) Member name of PDS.
zDSN2	CHAR	44	(IBM name: N/A) Second data set name, if needed (for example, for REN subcommands). For z/OS UNIX files, up to the first 44 bytes of the z/OS UNIX file name.
zMbr2	CHAR	8	(IBM name: N/A) Second member name, if needed (for example, REN subcommands involving PDS files).
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (server) port number.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 118 Subtype 74 - FTP Server Retrieve

Primary Segment:

- SMF118#74_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#74_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#74_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#74_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#74_TCPIP_Statistics.FTP_Server_Retrieve.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand APPE Append: DELE (Delete), LOGN (Login), REN (Rename), RETR (Retrieve), STOR (Store) or STOU (Store unique).
zType	CHAR	4	(IBM name: N/A) FTP file type (SEQ, JES, SQL).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (client) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (server) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLUid	CHAR	8	(IBM name: N/A) Local user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission. The start time of the transmission might be greater than the end time when the transmission began on the previous day.
zEnd	TIME	4	(IBM name: N/A) End time of transmission.
zBytes	INT	4	

			(IBM name: N/A) Byte count of transmission.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zReply	CHAR	3	(IBM name: N/A) Last reply sent to the client from the FTP server.
zDSN	CHAR	44	(IBM name: N/A) User ID/Data set name. For LOGN records, this is the user ID of the failed login attempt, otherwise, this is the data set name, or up to the first 44 bytes of the z/OS UNIX file name.
zMbr	CHAR	8	(IBM name: N/A) Member name of PDS.
zDSN2	CHAR	44	(IBM name: N/A) Second data set name, if needed (for example, for REN subcommands). For z/OS UNIX files, up to the first 44 bytes of the z/OS UNIX file name.
zMbr2	CHAR	8	(IBM name: N/A) Second member name, if needed (for example, REN subcommands involving PDS files).
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (server) port number.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 118 Subtype 75 - FTP Server Store

Primary Segment:

- SMF118#75_TCPIP_Statistics

Secondary Segment(s): 0

Primary segment: SMF118#75_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF118#75_TCPIP_Statistics.<fieldname></i>			
<i>SMF118#75_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 118
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF118#75_TCPIP_Statistics.FTP_Server_Store.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) FTP subcommand APPE Append: DELE (Delete), LOGN (Login), REN (Rename), RETR (Retrieve), STOR (Store) or STOU (Store unique).
zType	CHAR	4	(IBM name: N/A) FTP file type (SEQ, JES, SQL).
zRIP	IPADDRESS	4	(IBM name: N/A) Remote (client) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLIP	IPADDRESS	4	(IBM name: N/A) Local (server) IP address (IPv4) or -1(FFFFFFFF) for IPv6.
zLUid	CHAR	8	(IBM name: N/A) Local user ID.
zFormat	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDSType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zStart	TIME	4	(IBM name: N/A) Start time of transmission. The start time of the transmission might be greater than the end time when the transmission began on the previous day.
zEnd	TIME	4	(IBM name: N/A) End time of transmission.
zBytes	INT	4	

			(IBM name: N/A) Byte count of transmission.
zFTPid	INT (ENUM)	1	(IBM name: N/A) FTP ID.
zReply	CHAR	3	(IBM name: N/A) Last reply sent to the client from the FTP server.
zDSN	CHAR	44	(IBM name: N/A) User ID/Data set name. For LOGN records, this is the user ID of the failed login attempt, otherwise, this is the data set name, or up to the first 44 bytes of the z/OS UNIX file name.
zMbr	CHAR	8	(IBM name: N/A) Member name of PDS.
zDSN2	CHAR	44	(IBM name: N/A) Second data set name, if needed (for example, for REN subcommands). For z/OS UNIX files, up to the first 44 bytes of the z/OS UNIX file name.
zMbr2	CHAR	8	(IBM name: N/A) Second member name, if needed (for example, REN subcommands involving PDS files).
zQual	CHAR	8	(IBM name: N/A) Started task qualifier.
zHost	CHAR	8	(IBM name: N/A) TCP/IP host name.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (server) port number.
zOff1	INT	2	(IBM name: N/A) Offset to the first z/OS UNIX file name field.
zOff2	INT	2	(IBM name: N/A) Offset to the second z/OS UNIX file name field.
zTBytes	FLOAT	8	(IBM name: N/A) Bytes transferred counter. The leftmost byte is an exponent, and other seven bytes are significant bytes.
zT4GB	INT	4	(IBM name: N/A) Bytes transferred, 4 GB increments. Increments with every 4 GBs of data transfer, starting from 0.
zUnixFid1	VCHAR	2 1025	(IBM name: N/A) First z/OS UNIX file name (maximum length is 1023 bytes).
zUnixFid2	VCHAR	2 1025	(IBM name: N/A) Second z/OS UNIX file name (maximum length is 1023 bytes).

Record Type 119 - TCPIP Statistics

SMF Record 119 (TCPIP Statistics) has several subtypes, each mapped by a structure member name of the format "T119STnn".

Record Type 119 Subtype 1 - TCP Connection Initiation

Primary Segment:

- [SMF119#01_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#01_Identification](#)
- [SMF119#01_TCP_Connection_Initiation](#)

Primary segment: [SMF119#01_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#01_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#01_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#01_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to the TCP connection Initiation Data section from the beginning of the record (including RDW).
z1Len	INT	2	(IBM name: N/A) Length of the TCP connection Initiation Data section.
z1Num	INT	2	(IBM name: N/A) Number of TCP connection Initiation Data sections.

Secondary segment: SMF119#01_Identification

Field Name	Type	Len	Description
<i>SMF119#01_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#01_TCP_Connection_Initiation

Field Name	Type	Len	Description
<i>SMF119#01_TCP_Connection_Initiation.<fieldname></i>			
zRName	CHAR	8	(IBM name: N/A) TCP socket resource name.
zConnID	INT	4	(IBM name: N/A) TCP socket resource id (connection id).
zSubTask	HEX	4	(IBM name: N/A) Subtask Name. (Address of MVS TCB for the task that owns this connection. Note that this is not the subtask value specified on an INITAPI call.)
zRemoteIP	IPADDRESS	16	(IBM name: N/A) Remote IP address.
zLocalIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRemotePort	INT	2	(IBM name: N/A) Remote port number.
zLocalPort	INT	2	(IBM name: N/A) Local port number.
zConnectTS	TSTMP	8	(IBM name: N/A) Connection start date & time (UTC).

zConnectSTCK	TSTMP	8	(IBM name: N/A) Connection start date & time (STCK).
--------------	-------	---	---

Record Type 119 Subtype 2 - TCP Connection Termination

Primary Segment:

- [SMF119#02_TCPIP_Statistics](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF119#02_Identification](#)
- [SMF119#02_TCP_Connection_Termination](#)
- [SMF119#02_TCP_Connection_Termination_AppData](#)
- [SMF119#02_TCP_Connection_Termination_ATTLS](#)
- [SMF119#02_TCP_Connection_Termination_IP_Filter](#)
- [SMF119#02_TCP_Connection_Termination_Telnet](#)

Primary segment: [SMF119#02_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#02_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#02_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#02_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to the TCP connection termination Data section from the beginning of the record (including RDW).
z1Len	INT	2	(IBM name: N/A) Length of the TCP connection termination Data section.
z1Num	INT	2	(IBM name: N/A) Number of TCP connection termination Data sections.
z2Off	INT	4	(IBM name: N/A) Offset to the TCP connection termination Telnet Data section from the beginning of the record (including RDW).
z2Len	INT	2	(IBM name: N/A) Length of the TCP connection termination Telnet Data section.
z2Num	INT	2	(IBM name: N/A) Number of TCP connection termination Telnet Data sections.

z3Off	INT	4	(IBM name: N/A) Offset to the TCP connection termination Application Transparent Transport Layer Security (AT-TLS) Data section from the beginning of the record (including RDW).
z3Len	INT	2	(IBM name: N/A) Length of the TCP connection termination Application Transparent Transport Layer Security (AT-TLS) Data section.
z3Num	INT	2	(IBM name: N/A) Number of TCP connection termination Application Transparent Transport Layer Security (AT-TLS) Data sections.
z4Off	INT	4	(IBM name: N/A) Offset to the TCP connection termination ApplData Data section from the beginning of the record (including RDW).
z4Len	INT	2	(IBM name: N/A) Length of the TCP connection termination ApplData Data section.
z4Num	INT	2	(IBM name: N/A) Number of TCP connection termination ApplData Data sections.
z5Off	INT	4	(IBM name: N/A) Offset to the TCP connection termination IP Filter Data section from the beginning of the record (including RDW).
z5Len	INT	2	(IBM name: N/A) Length of the TCP connection termination IP Filter Data section.
z5Num	INT	2	(IBM name: N/A) Number of TCP connection termination IP Filter Data sections.

Secondary segment: **SMF119#02_Identification**

Field Name	Type	Len	Description
<i>SMF119#02_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#02_TCP_Connection_Termination**

Field Name	Type	Len	Description
<i>SMF119#02_TCP_Connection_Termination.<fieldname></i>			
zRName	CHAR	8	(IBM name: N/A) TCP socket resource name.
zConnID	INT	4	(IBM name: N/A) TCP socket resource id (connection id).
zTTLSCS	INT (ENUM)	1	(IBM name: N/A) AT-TLS Connection status.
zTTLSPS	INT (ENUM)	1	(IBM name: N/A) AT-TLS Policy status.
zTermCode	INT (ENUM)	1	(IBM name: N/A) Connection Termination reason.
zSMCRStatus	INT (ENUM)	1	(IBM name: N/A) SMC-R Status. No => This connection does not use an SMC-R link. (If zSMCReason is 0, SMC-R link establishment was not attempted.) Yes => This connection uses an SMC-R link.
zSubTask	HEX	4	(IBM name: N/A) Subtask Name. (Address of MVS TCB for the task that owns this connection. Note that this is not the subtask value specified on an INITAPI call.)
zConnectStart	TSTMP	8	(IBM name: N/A) Connection start date & time.
zConnectEnd	TSTMP	8	(IBM name: N/A) Connection end date & time.
zRemoteIP	IPADDRESS	16	(IBM name: N/A) Remote IP address.
zLocalIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRemotePort	INT	2	(IBM name: N/A) Remote port number.
zLocalPort	INT	2	(IBM name: N/A) Local port number.
zInBytes	INT	8	(IBM name: N/A) Inbound byte count.
zOutBytes	INT	8	(IBM name: N/A) Outbound byte count.
zSWS	INT	4	(IBM name: N/A) Send window size at close time.
zMSWS	INT	4	(IBM name: N/A) Max send window size.
zCWS	INT	4	(IBM name: N/A) Congestion window size at close time.
zSMS	INT	4	(IBM name: N/A) Send segment size at close time.
zRTT	INT	4	(IBM name: N/A) Round trip time at close (milliseconds).
zRVA	INT	4	(IBM name: N/A) RTT variance at close (milliseconds*milliseconds).
zStatus	INT (ENUM)	1	(IBM name: N/A) Socket status.
zTOS	INT	1	(IBM name: N/A) Type of service.

zXRT	INT	2	(IBM name: N/A) Number of retransmits. This field has a maximum value of 65535. If the actual count exceeds 65535, this value will not wrap. It will remain at 65535. Field zXRT32 contains the actual count.
zProf	CHAR	32	(IBM name: N/A) Service profile name.
zPol	CHAR	32	(IBM name: N/A) Service policy name at close time.
zInSeg	INT	8	(IBM name: N/A) Inbound segment count.
zOutSeg	INT	8	(IBM name: N/A) Outbound segment count.
zSSTCK	TSTMP	8	(IBM name: N/A) Connection start (STCK format).
zESTCK	TSTMP	8	(IBM name: N/A) Connection end (STCK format).
zDupAcksRcvd	INT	4	(IBM name: N/A) Duplicate acks received over connection.
zLclSMCLinkId	INT	4	(IBM name: N/A) Local SMC link ID.
zRmtSMCLinkId	INT	4	(IBM name: N/A) Remote SMC link ID.
zSMCRReason	HEX	4	(IBM name: N/A) SMC-R Reason Code.
zSMCRReasonE	INT (ENUM)	4	(IBM name: N/A) SMC-R Reason. NoAttempt => Link not attempted. NoRDMAConn => RDMA connectivity failure. VirtStorage => Insufficient virtual storage. ExceedFixM => SMCR FIXEDMemory limit reached. NoRMBs => TCP connection limit reached, no RMBs available. NoVLANid => VLAN id not found. NoActRNICs => No qualifying active RNICs. OutOfSynch => Peer is out of synchronisation. SubnetMis => Peer subnet/prefix mismatch. PeerNoAccept => No SMC-R remote support. NoSMCRRoute => Route not SMC eligible. NoActRNIC => No active RNICs for PNetID. ConnLocal => Connection is local. NoStorSMC => No storage for SMC negotiation. ConnIPSEC => Connection uses IPsec. FRCAserver => FRCA server. PASCALappl => Pascal application. PortNOSMC => NOSMC Port server. InvalidMTU => Invalid MTU from peer. NoIPv6Prefix => No prefix on interface. AutoSMC => AUTOSMC detected workload.

SMF119#02_TCP_Connection_Termination.zSMCFlags.<fieldname>

SMCRReasPeer	BIT	1	SMC-R reason set by peer.
SMCRCached	BIT	1	This route cached to not use SMC-R.
SMCDReasPeer	BIT	1	SMC-D reason set by peer.
SMCDCACHED	BIT	1	This route cached to not use SMC-D.

SMF119#02_TCP_Connection_Termination.<fieldname>

zSMCDStatus	INT (ENUM)	1	(IBM name: N/A) SMC-D Status. No => The SMC-D link is inactive. (If zSMCDReason is 0, SMC-D link establishment was not attempted.) Yes => The SMC-D link is active.
-------------	------------	---	--

SMF119#02_TCP_Connection_Termination.zIPSecFlags.<fieldname>

IPSecEnabled	BIT	1	IP Security enabled.
--------------	-----	---	----------------------

IPSecEnabledIPv6	BIT	1	IPv6 IP Security enabled.
IPFiltDone	BIT	1	IP filtering done for connection.
SMF119#02_TCP_Connection_Termination.<fieldname>			
zLclSMCBufSz	INT	4	(IBM name: N/A) Local RMB/DMB buffer size in KB.
zRmtSMCBufSz	INT	4	(IBM name: N/A) Remote RMB/DMB buffer size in KB.
zXRT32	INT	4	(IBM name: N/A) Number of retransmits.
zSMCDReason	HEX	4	(IBM name: N/A) SMC-D Reason Code.
zSMCDReasonE	INT (ENUM)	4	(IBM name: N/A) SMC-D Reason. NoAttempt => Link not attempted. NoSMCDRoute => Route not eligible for SMC-D. NoStorSMC => No storage for SMC negotiation. ConnIPSEC => Connection uses IPsec. FRCAserver => FRCA server. PASCALappl => Pascal application. PortNOSMC => NOSMC Port server. NoIPv6Prefix => No prefix on interface. AutoSMC => AUTOSMC detected workload. NoActiveISM => No active ISMs for the PNetID. PeerNoAccept => No SMC-D remote support. PeerUnreachable => Peer not reachable for SMC-D. VirtStorage => Insufficient virtual storage. ExceedFixM => SMCD FIXEDMemory limit exceeded. NoLMBs => TCP connection limit reached, no DMBs available. NoVLANid => VLAN id not found. NoActISMs => No act ISMs -SMC layer. OutOfSynch => Peer is out of synch. SubnetMis => Peer subnet/prefix mismatch. SameEndpoint => Both peers reside at the same endpoint. Located on the same LPAR and TCP/IP stack instance. NotObtained => TCP/IP stack could not obtain the reason code from the peer.

Secondary segment: SMF119#02_TCP_Connection_Termination_Telnet

Field Name	Type	Len	Description
SMF119#02_TCP_Connection_Termination_Telnet.<fieldname>			
zLUName	CHAR	8	(IBM name: N/A) TN3270 Telnet LU Name.
zAppl	CHAR	8	(IBM name: N/A) Target Application Name.
zLogmode	CHAR	8	(IBM name: N/A) Logmode Name.

SMF119#02_TCP_Connection_Termination_Telnet.zStatus.<fieldname>			
zDefResp	BIT	1	(IBM name: N/A) Definite Response mode.
zPerfMon	BIT	1	(IBM name: N/A) The connection is being performance monitored.
zProtocol	INT (ENUM)	1	(IBM name: N/A) Connection Protocol.

SMF119#02_TCP_Connection_Termination_Telnet.<fieldname>			
TTTelTermCode	INT (ENUM)	1	Termination Code. See the description of EZZ6034I in z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM) for a list of

			reason code descriptions.
--	--	--	---------------------------

Secondary segment: **SMF119#02_TCP_Connection_Termination_ATTLS**

Field Name	Type	Len	Description
<i>SMF119#02_TCP_Connection_Termination_ATTLS.<fieldname></i>			
zTLSSProt	HEX	2	(IBM name: N/A) AT-TLS SSL Protocol. X'0200' => SSL Version 2. X'0300' => SSL Version 3. X'0301' => TLS Version 1.0. X'0302' => TLS Version 1.1. X'0303' => TLS Version 1.2.
zTLSNCipher	CHAR	2	(IBM name: N/A) AT-TLS Negotiated Cipher. If the value is 4X, the cipher must be obtained from zTLSNC4.
zTLSSecType	INT (ENUM)	1	(IBM name: N/A) AT-TLS Security Type. Client => Client. Server => Server. SrvCIPassThru => Server with client authentication, ClientAuthType=PassThru. SrvCIFull => Server with client authentication, ClientAuthType=Full. SrvCIReqd => Server with client authentication, ClientAuthType=Required. SrvCISAFChk => Server with client authentication, ClientAuthType=SAFCheck.
zTLSSFIPS140	INT (ENUM)	1	(IBM name: N/A) FIPS 140 compliance level.
zTLSUID	CHAR	8	(IBM name: N/A) AT-TLS Partner UserID.
zTLSNCipher4	CHAR	4	(IBM name: N/A) AT-TLS Negotiated 4 Byte Cipher.
zTLSSessID	HEX	32	(IBM name: N/A) AT-TLS Session ID.
zTLSSessIDL	INT	2	(IBM name: N/A) AT-TLS Session ID length.
zTLSSSLReuse	INT (ENUM)	1	(IBM name: N/A) SSL Session reuse required.

Secondary segment: **SMF119#02_TCP_Connection_Termination_ApplData**

Field Name	Type	Len	Description
<i>SMF119#02_TCP_Connection_Termination_ApplData.<fieldname></i>			
zApplData	CHAR	40	(IBM name: N/A) Application Data.

Secondary segment: **SMF119#02_TCP_Connection_Termination_IP_Filter**

Field Name	Type	Len	Description
<i>SMF119#02_TCP_Connection_Termination_IP_Filter.<fieldname></i>			
zOUTACT	INT (ENUM)	1	(IBM name: N/A) Action for the matching outbound filter rule. Permitted => Outbound traffic is permitted in the clear. IPsec => Outbound traffic is protected by IPsec. Denied => Outbound traffic is denied.
zINACT	INT (ENUM)	1	(IBM name: N/A) Action for the matching inbound filter rule. Permitted => Inbound traffic is permitted in the clear. IPsec => Inbound traffic is protected by IPsec. Denied => Inbound traffic is denied.

zOUTNAME	CHAR	40	(IBM name: N/A) Outbound filter name.
zOUTEXT	CHAR	8	(IBM name: N/A) Outbound filter extension.
zINNAME	CHAR	40	(IBM name: N/A) Inbound filter name.
zINEXT	CHAR	8	(IBM name: N/A) Inbound filter extension.

Record Type 119 Subtype 3 - FTP Client Transfer Completion

Primary Segment:

- SMF119#03_TCPIP_Statistics

Secondary Segment(s): 7 (in alphabetical order)

- SMF119#03_FTP_Client_Load_Module_Name
- SMF119#03_FTP_Client_Transfer_Completion
- SMF119#03_FTP_Client_Transfer_Completion_Associated_DSN
- SMF119#03_FTP_Client_Transfer_Completion_Security
- SMF119#03_FTP_Client_Transfer_Completion SOCKS
- SMF119#03_FTP_Client_Transfer_Completion_User_Name
- SMF119#03_Identification

Primary segment: SMF119#03_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#03_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#03_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#03_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to the FTP client transfer completion Data section from the beginning of the record (including RDW).
z1Len	INT	2	(IBM name: N/A) Length of the FTP client transfer completion Data section.
z1Num	INT	2	(IBM name: N/A) Number of FTP client transfer completion Data sections.
z2Off	INT	4	(IBM name: N/A) Offset to the FTP client transfer completion associated data set name Data section from the beginning of the record (including RDW).
z2Len	INT	2	(IBM name: N/A) Length of the FTP client transfer completion associated data set name Data section.

z2Num	INT	2	(IBM name: N/A) Number of FTP client transfer completion associated data set name Data sections.
z3Off	INT	4	(IBM name: N/A) Offset to the FTP client transfer completion SOCKS Data section from the beginning of the record (including RDW).
z3Len	INT	2	(IBM name: N/A) Length of the FTP client transfer completion SOCKS Data section.
z3Num	INT	2	(IBM name: N/A) Number of FTP client transfer completion SOCKS Data sections.
z4Off	INT	4	(IBM name: N/A) Offset to the FTP client transfer completion security Data section from the beginning of the record (including RDW).
z4Len	INT	2	(IBM name: N/A) Length of the FTP client transfer completion security Data section.
z4Num	INT	2	(IBM name: N/A) Number of FTP client transfer completion security Data sections.
z5Off	INT	4	(IBM name: N/A) Offset to the FTP client transfer completion user name Data section from the beginning of the record (including RDW).
z5Len	INT	2	(IBM name: N/A) Length of the FTP client transfer completion user name Data section.
z5Num	INT	2	(IBM name: N/A) Number of FTP client transfer completion user name Data sections.
z6Off	INT	4	(IBM name: N/A) Offset to the FTP client load module name Data section from the beginning of the record (including RDW).
z6Len	INT	2	(IBM name: N/A) Length of the FTP client load module name Data section.
z6Num	INT	2	(IBM name: N/A) Number of FTP client load module name Data sections.

Secondary segment: **SMF119#03_Identification**

Field Name	Type	Len	Description
<i>SMF119#03_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int =>

			Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119T1_RecordID) ID value for correlating records.

Secondary segment: **SMF119#03_FTP_Client_Transfer_Completion**

Field Name	Type	Len	Description
<i>SMF119#03_FTP_Client_Transfer_Completion.<fieldname></i>			
zCmd	CHAR	4	(IBM name: N/A) FTP command (according to RFC 959).
zFType	CHAR	4	(IBM name: N/A) Local file type (SEQ, JES, or SQL).
zDRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address (data connection).
zDLIP	IPADDRESS	16	(IBM name: N/A) Local IP address (data connection).
zDRPort	INT	2	(IBM name: N/A) Remote port number (data connection).
zDLPort	INT	2	(IBM name: N/A) Local port number (data connection).
zCRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address (control connection).
zCLIP	IPADDRESS	16	(IBM name: N/A) Local IP address (control connection).
zCRPort	INT	2	(IBM name: N/A) Remote port number (control connection).
zCLPort	INT	2	(IBM name: N/A) Local port number (control connection).
zRUser	CHAR	8	(IBM name: N/A) User ID (login name) on server.
zLUser	CHAR	8	(IBM name: N/A) Local User ID.
zType	INT (ENUM)	1	(IBM name: N/A) Data format.
zMode	INT (ENUM)	1	(IBM name: N/A) Transfer mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Structure.
zDsType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zSTime	TSTMP	8	(IBM name: N/A) Transmission start date & time.
zETime	TSTMP	8	(IBM name: N/A) Transmission end date & time.
zDur	FIXED	4 (10,2)	(IBM name: N/A) File transmission duration in units of seconds.
zBytes	INT	8	(IBM name: N/A) Transmission byte count (64-bit integer).
zLReply	CHAR	4	(IBM name: N/A) Last server reply (3-digit RFC 959 code, left-aligned).
zM1	CHAR	8	

			(IBM name: N/A) PDS member name.
zHostname	CHAR	8	(IBM name: N/A) Host name.
zRS	CHAR	8	(IBM name: N/A) Reserved for abnormal end info.
zBytesF	FLOAT	8	(IBM name: N/A) Transmission byte count (float).
zCConnID	INT	4	(IBM name: N/A) TCP connection ID of FTP control connection.
zDConnID	INT	4	(IBM name: N/A) TCP connection ID of FTP data connection, or 0 if no data connection is active.

Secondary segment: SMF119#03_FTP_Client_Transfer_Completion_Associated_DSN

Field Name	Type	Len	Description
<i>SMF119#03_FTP_Client_Transfer_Completion_Associated_DSN.<fieldname></i>			
zFileName	XVCHAR	0 4096	(IBM name: N/A) MVS or z/OS UNIX data set name associated with the file transfer operation. Use the Data Set Type field information in the FTP client transfer completion section to determine the type of file name represented by this value.

Secondary segment: SMF119#03_FTP_Client_Transfer_Completion SOCKS

Field Name	Type	Len	Description
<i>SMF119#03_FTP_Client_Transfer_Completion SOCKS.<fieldname></i>			
zServIP	IPADDRESS	16	(IBM name: N/A) IP address of SOCKS server for control connection.
zPort	INT	2	(IBM name: N/A) SOCKS port number (control connection).
zProtocol	INT (ENUM)	1	(IBM name: N/A) SOCKS protocol version (control connection).

Secondary segment: SMF119#03_FTP_Client_Transfer_Completion_Security

Field Name	Type	Len	Description
<i>SMF119#03_FTP_Client_Transfer_Completion_Security.<fieldname></i>			
zMechanism	INT (ENUM)	1	(IBM name: N/A) Protection Mechanism.
zCProtect	INT (ENUM)	1	(IBM name: N/A) Control connection Protection Level.
zDProtect	INT (ENUM)	1	(IBM name: N/A) Data connection Protection Level.
zLoginMech	INT (ENUM)	1	(IBM name: N/A) Login Method.
zProtoLevel	CHAR	8	(IBM name: N/A) Protocol level (present only if protocol mechanism is TLS or AT-TLS).

zCipherSpec	CHAR	20	(IBM name: N/A) Cipher specification (present only if protocol mechanism is TLS or AT-TLS).
zProtBuffSize	INT	4	(IBM name: N/A) Negotiated protection buffer size.
zCipher	CHAR	2	(IBM name: N/A) Hexadecimal value of cipher specification (present only if protocol mechanism is TLS or AT-TLS). If the value is 4X, the Cipher Specification must be obtained from the zCipher4 field.
zFips140	INT (ENUM)	1	(IBM name: N/A) FIPS 140 compliance level.
zCipher4	CHAR	4	(IBM name: N/A) Four byte hexadecimal value of Cipher Specification (present only if Protocol Mechanism is TLS or AT-TLS).
zSessReuse	INT (ENUM)	1	(IBM name: N/A) SSL Session reuse.
zCSSLSessIDL	INT	2	(IBM name: N/A) Length of the SSL session ID of FTP control connection.
zCSSLSessID	CHAR	32	(IBM name: N/A) SSL session ID of FTP control connection.
zDSSLSessIDL	INT	2	(IBM name: N/A) Length of the SSL session ID of FTP data connection.
zDSSLSessID	CHAR	32	(IBM name: N/A) SSL session ID of FTP data connection.

Secondary segment: SMF119#03_FTP_Client_Transfer_Completion_User_Name

Field Name	Type	Len	Description
<i>SMF119#03_FTP_Client_Transfer_Completion_User_Name.<fieldname></i>			
zUserId	XVCHAR	0 128	(IBM name: N/A) User name or user ID used to log into the FTP server.

Secondary segment: SMF119#03_FTP_Client_Load_Module_Name

Field Name	Type	Len	Description
<i>SMF119#03_FTP_Client_Load_Module_Name.<fieldname></i>			
zMemNum	INT	4	(IBM name: N/A) Number of members associated with the file transfer operation. The member names begin in field zMemName.
zLibNameL	INT	1	(IBM name: N/A) Length of the name of the Load module or program object library associated with the file transfer operation.
zLibName	CHAR	44	(IBM name: N/A) Name of the load module or program object library associated with the file transfer operation, padded with trailing blanks.
zMemName	CHAR	8	(IBM name: N/A) Names of members associated with the file transfer operation.

Record Type 119 Subtype 4 - TCP/IP Profile Event

Primary Segment:

- SMF119#04_TCPIP_Statistics

Secondary Segment(s): 22 (in alphabetical order)

- SMF119#04_Autolog_procedure
- SMF119#04_Default_address_selection_policy
- SMF119#04_Distributed_Dynamic_VIPA
- SMF119#04_Dynamic_VIPA_address
- SMF119#04_Dynamic_VIPA_routing
- SMF119#04_Global_configuration
- SMF119#04_Identification
- SMF119#04_Interface
- SMF119#04_IPv4_IP_configuration
- SMF119#04_IPv6_address
- SMF119#04_IPv6_IP_configuration
- SMF119#04_IPSec_common
- SMF119#04_IPSec_default_rules
- SMF119#04_Management
- SMF119#04_Network_access
- SMF119#04_Port_reservation
- SMF119#04_Profile_information_common
- SMF119#04_Profile_information_common_DSN
- SMF119#04_Routing
- SMF119#04_Source_IP_address
- SMF119#04_TCP_configuration
- SMF119#04_UDP_configuration

Primary segment: SMF119#04_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#04_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#04_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#04_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to the Profile information common data section from the beginning of

			the record (including RDW).
z1Len	INT	2	(IBM name: N/A) Length of the Profile information common data section.
z1Num	INT	2	(IBM name: N/A) Number of Profile information common data sections.
z2Off	INT	4	(IBM name: N/A) Offset to the Profile information common DSN data section from the beginning of the record (including RDW).
z2Len	INT	2	(IBM name: N/A) Length of the Profile information common DSN data section.
z2Num	INT	2	(IBM name: N/A) Number of Profile information common DSN data sections.
z3Off	INT	4	(IBM name: N/A) Offset to the Autolog procedure data section from the beginning of the record (including RDW).
z3Len	INT	2	(IBM name: N/A) Length of the Autolog procedure data section.
z3Num	INT	2	(IBM name: N/A) Number of Autolog procedure data sections.
z4Off	INT	4	(IBM name: N/A) Offset to the IPv4 IP configuration data section from the beginning of the record (including RDW).
z4Len	INT	2	(IBM name: N/A) Length of the IPv4 IP configuration data section.
z4Num	INT	2	(IBM name: N/A) Number of IPv4 IP configuration data sections.
z5Off	INT	4	(IBM name: N/A) Offset to the IPv6 IP configuration data section from the beginning of the record (including RDW).
z5Len	INT	2	(IBM name: N/A) Length of the IPv6 IP configuration data section.
z5Num	INT	2	(IBM name: N/A) Number of IPv6 IP configuration data sections.
z6Off	INT	4	(IBM name: N/A) Offset to the TCP configuration data section from the beginning of the record (including RDW).
z6Len	INT	2	(IBM name: N/A) Length of the TCP configuration data section.
z6Num	INT	2	(IBM name: N/A) Number of TCP configuration data sections.
z7Off	INT	4	(IBM name: N/A) Offset to the UDP configuration data section from the beginning of the record (including RDW).
z7Len	INT	2	(IBM name: N/A) Length of the UDP configuration data section.
z7Num	INT	2	(IBM name: N/A) Number of UDP configuration data sections.
z8Off	INT	4	(IBM name: N/A) Offset to the Global configuration data section from the beginning of the record (including RDW).
z8Len	INT	2	(IBM name: N/A) Length of the Global configuration data section.
z8Num	INT	2	(IBM name: N/A) Number of Global configuration data sections.
z9Off	INT	4	(IBM name: N/A) Offset to the Port reservation data section from the beginning of the record (including RDW).
z9Len	INT	2	

			(IBM name: N/A) Length of the Port reservation data section.
z9Num	INT	2	(IBM name: N/A) Number of Port reservation data sections.
z10Off	INT	4	(IBM name: N/A) Offset to the Interface data section from the beginning of the record (including RDW).
z10Len	INT	2	(IBM name: N/A) Length of the Interface data section.
z10Num	INT	2	(IBM name: N/A) Number of Interface data sections.
z11Off	INT	4	(IBM name: N/A) Offset to the IPv6 address data section from the beginning of the record (including RDW).
z11Len	INT	2	(IBM name: N/A) Length of the IPv6 address data section.
z11Num	INT	2	(IBM name: N/A) Number of IPv6 address data sections.
z12Off	INT	4	(IBM name: N/A) Offset to the Routing data section from the beginning of the record (including RDW).
z12Len	INT	2	(IBM name: N/A) Length of the Routing data section.
z12Num	INT	2	(IBM name: N/A) Number of Routing data sections.
z13Off	INT	4	(IBM name: N/A) Offset to the Source IP address data section from the beginning of the record (including RDW).
z13Len	INT	2	(IBM name: N/A) Length of the Source IP address data section.
z13Num	INT	2	(IBM name: N/A) Number of Source IP address data sections.
z14Off	INT	4	(IBM name: N/A) Offset to the Management data section from the beginning of the record (including RDW).
z14Len	INT	2	(IBM name: N/A) Length of the Management data section.
z14Num	INT	2	(IBM name: N/A) Number of Management data sections.
z15Off	INT	4	(IBM name: N/A) Offset to the IPSec common data section from the beginning of the record (including RDW).
z15Len	INT	2	(IBM name: N/A) Length of the IPSec common data section.
z15Num	INT	2	(IBM name: N/A) Number of IPSec common data sections.
z16Off	INT	4	(IBM name: N/A) Offset to the IPSec default rules data section from the beginning of the record (including RDW).
z16Len	INT	2	(IBM name: N/A) Length of the IPSec default rules data section.
z16Num	INT	2	(IBM name: N/A) Number of IPSec default rules data sections.
z17Off	INT	4	(IBM name: N/A) Offset to the Network access data section from the beginning of the record (including RDW).
z17Len	INT	2	(IBM name: N/A) Length of the Network access data section.

z17Num	INT	2	(IBM name: N/A) Number of Network access data sections.
z18Off	INT	4	(IBM name: N/A) Offset to the Dynamic VIPA address data section from the beginning of the record (including RDW).
z18Len	INT	2	(IBM name: N/A) Length of the Dynamic VIPA address data section.
z18Num	INT	2	(IBM name: N/A) Number of Dynamic VIPA address data sections.
z19Off	INT	4	(IBM name: N/A) Offset to the DVIPA routing data section from the beginning of the record (including RDW).
z19Len	INT	2	(IBM name: N/A) Length of the DVIPA routing data section.
z19Num	INT	2	(IBM name: N/A) Number of DVIPA routing data sections.
z20Off	INT	4	(IBM name: N/A) Offset to the Distributed Dynamic VIPA data section from the beginning of the record (including RDW).
z20Len	INT	2	(IBM name: N/A) Length of the Distributed Dynamic VIPA data section.
z20Num	INT	2	(IBM name: N/A) Number of Distributed Dynamic VIPA data sections.
z21Off	INT	4	(IBM name: N/A) Offset to the Default address selection policy data section from the beginning of the record (including RDW).
z21Len	INT	2	(IBM name: N/A) Length of the Default address selection policy data section.
z21Num	INT	2	(IBM name: N/A) Number of Default address selection policy data sections.

Secondary segment: SMF119#04_Identification

Field Name	Type	Len	Description
<i>SMF119#04_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd =>

			Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#04_Profile_information_common**

Field Name	Type	Len	Description
<i>SMF119#04_Profile_information_common.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) PICO eyecatcher.
zStartTime	TSTMP	8	(IBM name: N/A) Time TCP/IP stack was started. (TOD clock value)
zStartDate	DATE	4	(IBM name: N/A) Date TCP/IP stack was started.
zChangeTime	TSTMP	8	(IBM name: N/A) Time the TCP/IP stack's profile was last changed (TOD clock value) by a VARY TCPIP,,OBEYFILE command.
zChangeDate	DATE	4	(IBM name: N/A) Date the TCP/IP stack's profile was last changed by a VARY TCPIP,,OBEYFILE command.
zChangeRsn	INT (ENUM)	1	(IBM name: N/A) Reason for last profile change.

SMF119#04_Profile_information_common.zFlags.<fieldname>

ProfComplete	BIT	1	Record contains complete profile information. If set, the record was created either during TCP/IP initialization or, by way of VARY TCPIP,,OBEYFILE where SMF TCP/IP profile record support was activated. SecChanged flags are zero if the record was created during initialization.
--------------	-----	---	---

SMF119#04_Profile_information_common.zDepStmts.<fieldname>

Autolog	BIT	1	DEVICE/LINK/BSDROUTINGPARMS for non-strategic interfaces.
V4Cfg	BIT	1	HOME for non-strategic interfaces.
V6Cfg	BIT	1	BEGINROUTES for non-strategic interfaces.
TCPCfg	BIT	1	SMFCONFIG TYPE118 or SMFPARMS.
UDPCfg	BIT	1	TRANSLATE.
GblCfg	BIT	1	VIPASMPARMS.

SMF119#04_Profile_information_common.zDepChanged.<fieldname>

Autolog	BIT	1	DEVICE/LINK/BSDROUTINGPARMS for non-strategic interfaces.
V4Cfg	BIT	1	HOME for non-strategic interfaces.
V6Cfg	BIT	1	BEGINROUTES for non-strategic interfaces.
TCPCfg	BIT	1	SMFCONFIG TYPE118 or SMFPARMS.
UDPCfg	BIT	1	TRANSLATE.
GblCfg	BIT	1	VIPASMPARMS.

SMF119#04_Profile_information_common.zSecChanged.<fieldname>

Autolog	BIT	1	
V4Cfg	BIT	1	
V6Cfg	BIT	1	

TCPCfg	BIT	1	
UDPCfg	BIT	1	
GblCfg	BIT	1	
Port	BIT	1	
Intf	BIT	1	
IPA6	BIT	1	
Route	BIT	1	
Srcip	BIT	1	
Mgmt	BIT	1	
IPSecCm	BIT	1	
IPSecRules	BIT	1	
Netacc	BIT	1	
Dasp	BIT	1	
DVCfg	BIT	1	
DVRoute	BIT	1	
DistDV	BIT	1	

SMF119#04_Profile_information_common.<fieldname>			
zConsName	CHAR	8	(IBM name: N/A) Name of console from which VARY TCPIP,,OBEYFILE command was issued.
zSysplexGrpName	CHAR	8	(IBM name: N/A) Sysplex group name. The value is created when the TCP/IP stack joins the sysplex group. Because the stack joins the sysplex group after the initial profile is processed, the SMF record created during initial profile processing does not contain the sysplex group name. If the TCP/IP stack has never joined the sysplex group since it was initialized, this field is set to zeros.
zUserToken	HEX	80	(IBM name: N/A) RACF user security token of user responsible for change. For a mapping of the fields, see the RUTKN data area in z/OS Security Server RACF Data Areas.

Secondary segment: **SMF119#04_Profile_information_common_DSN**

Field Name	Type	Len	Description
SMF119#04_Profile_information_common_DSN.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) PIDS eyecatcher

SMF119#04_Profile_information_common_DSN.zFlag.<fieldname>			
Change	BIT	1	Change data set. If set, the data set was used to change the profile. If not set, the data set was used for the initial profile.
Include	BIT	1	Include data set. If set, the data set was specified on an INCLUDE statement. If not set, the data set was the main data set.

SMF119#04_Profile_information_common_DSN.<fieldname>			
zProfDSN	CHAR	54	(IBM name: N/A) The data set name value is padded with trailing blanks.

Secondary segment: **SMF119#04_Autolog_procedure**

Field Name	Type	Len	Description
<i>SMF119#04_Autolog_procedure.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) ALPR eyecatcher.
zName	CHAR	8	(IBM name: N/A) Procedure name to be started.
zJobName	CHAR	8	(IBM name: N/A) Job name assigned to reserved port for the started procedure.
<i>SMF119#04_Autolog_procedure.zOptions.<fieldname></i>			
DelayDVIPA	BIT	1	DELAYSTART DVIPA
DelayTTLS	BIT	1	DELAYSTART TTLS
<i>SMF119#04_Autolog_procedure.<fieldname></i>			
zParmString	CHAR	115	(IBM name: N/A) Parameter string for procedure.
zWaitTime	INT	1	(IBM name: N/A) Time to wait for procedure to end when stack is restarted and procedure is still active.

Secondary segment: **SMF119#04_IPv4_IP_configuration**

Field Name	Type	Len	Description
<i>SMF119#04_IPv4_IP_configuration.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) V4CF eyecatcher.
<i>SMF119#04_IPv4_IP_configuration.zFlags.<fieldname></i>			
CLAWDbInoop	BIT	1	If set, the CLAW channel programs have 2 NOP CCWs at the end.
DatagramFwd	BIT	1	If set, the stack is forwarding datagrams and field zFwdMultipPkt indicates if a multipath per packet algorithm is being used for forwarded packets. If not set, the stack is not forwarding datagrams.
FwdMultipPkt	BIT	1	This flag is valid only if flag zDatagramFwd is set. If the zFwdMultipPkt flag is set, the stack is forwarding datagrams using a multipath per packet algorithm. If not set, the stack is not using a multipath algorithm when forwarding datagrams.
DynamicXcf	BIT	1	If set, dynamic XCF interfaces are defined and the following fields contain dynamic XCF configured values. zDynXcfAddr, zDynXcfCostMetric, zDynXcfMask, zDynXcfSecClass, zDynXcfSMCD.
FormatLong	BIT	1	If set, the Netstat command displays the report output in long format. This flag is always set for IPv6-enabled stacks.
IgnRedirectCfg	BIT	1	If set, IGNOREREDIRECT was specified on the IPCONFIG profile statement.
IgnRedirectAct	BIT	1	If set, the stack is ignoring ICMP redirects and the zIgnRedirectRsn field indicates the reason why this setting is in effect.
IPSecurity	BIT	1	If set, IP security is enabled.
IQDIORouting	BIT	1	If set, IQDIO routing is enabled.
MultipPerConn	BIT	1	If set, the stack is using a multipath per connection routing selection algorithm for outbound IP traffic.
MultipPerPkt	BIT	1	

			If set, the stack is using a multipath per packet routing selection algorithm for outbound IP traffic.
PathMtuDisc	BIT	1	If set, Path MTU discovery is in effect.
SourceVipa	BIT	1	If set, the stack uses the appropriate VIPA IP address as the source IP address for outbound packets.
StopClawErr	BIT	1	If set, the stack stops channel programs when a CLAW error is detected.
SysplexRouting	BIT	1	If set, the stack communicates interface changes to the workload manager.
TCPSourceVipa	BIT	1	If set, and zSourceVipa is also set, the stack uses the address in field zTcpSrcVipaAddr as the source IP address for outbound TCP connections.
QDIOAcc	BIT	1	If set, the QDIO accelerator function is enabled.
ChkOffload	BIT	1	If set, IP, UDP and TCP checksum processing is offloaded to an OSA-Express feature.
SegOffload	BIT	1	If set, TCP segmentation is offloaded to an OSA-Express feature.
DynXcfSrcVipalName	BIT	1	If set, the zDynXcfSrcVipalName field contains the specified source VIPA interface name.
DynXcfSMCD	BIT	1	If set, the dynamically generated XCF interface can be used for new TCP connections with SMC-D.

SMF119#04_IPv4_IP_configuration.<fieldname>

zArpTimeout	INT	4	(IBM name: N/A) ARP cache timeout in seconds. If the value was configured, then it was either specified on the ARPAGE statement, or on the ARPTO parameter of the IPCONFIG statement.
zDevRetry	INT	4	(IBM name: N/A) Device retry duration in seconds.
zTcpSrcVipaAddr	IPADDRESS	4	(IBM name: N/A) VIPA source IP address for outbound TCP connections. If flags SourceVipa and TCPSourceVipa are set, this address is used as the source IP address.
zDynXcfAddr	IPADDRESS	4	(IBM name: N/A) Dynamic XCF IP address. This field is valid only if the DynamicXcf flag is set.
zDynXcfCostMetric	INT	1	(IBM name: N/A) Dynamic XCF cost metric. This field is valid only if the DynamicXcf flag is set.
zDynXcfMask	INT	1	(IBM name: N/A) Dynamic XCF number of mask bits. This field is valid only if the DynamicXcf flag is set.
zDynXcfSecClass	INT	1	(IBM name: N/A) Dynamic XCF security class. This field is valid only if the DynamicXcf flag is set.
zQDIOPriority	INT	1	(IBM name: N/A) IQDIO routing priority. This field is valid only if either the IQDIORouting flag or the QDIOAcc flag is set.
zIgnRedirectRsn	INT (ENUM)	1	(IBM name: N/A) Reason why the IgnoreRedirectAct flag is set.
zReasmTimeout	INT	1	(IBM name: N/A) Reassembly timeout in seconds.
zTTL	INT	1	(IBM name: N/A) Time to live.
zPrimaryIntfName	CHAR	16	(IBM name: N/A) Name of the primary interface. The primary interface could have been configured on a PRIMARYINTERFACE profile statement, or the stack could have selected a default primary interface.
zDynXcfSrcVipalName	CHAR	16	(IBM name: N/A) Dynamic XCF source VIPA interface name. This field is valid only if the zDynXcfSrcVipalName flag is set.

Secondary segment: **SMF119#04_IPv6_IP_configuration**

Field Name	Type	Len	Description
<i>SMF119#04_IPv6_IP_configuration.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) V6CF eyecatcher.

<i>SMF119#04_IPv6_IP_configuration.zFlags.<fieldname></i>			
DatagramFwd	BIT	1	If set, the stack is forwarding datagrams and field zFwdMultipPkt indicates if a multipath per packet algorithm is being used for forwarded packets. If not set, the stack is not forwarding datagrams.
FwdMultipPkt	BIT	1	This flag is valid only if flag zDatagramFwd is set. If the zFwdMultipPkt flag is set, the stack is forwarding datagrams using a multipath per packet algorithm. If not set, the stack is not using a multipath algorithm when forwarding datagrams.
DynamicXcf	BIT	1	If set, dynamic XCF interfaces are defined and the following fields contain dynamic XCF configured values: zDynXcfAddr, zDynXcfPfxRteLen, zDynXcfSecClass, zDynXcfSMCD.
DynXcflfID	BIT	1	If set, field zDynXcfIntID contains the specified interface ID value.
DynXcfSrcVipalName	BIT	1	If set, field zDynXcfSrcVipalName contains the specified source VIPA interface name.
IgnRedirectCfg	BIT	1	If set, IGNOREREDIRECT was specified on the IPCONFIG6 profile statement.
IgnRedirectAct	BIT	1	If set, the stack is ignoring ICMPv6 redirects and the zIgnRedirectRsn field indicates the reason why this setting is in effect.
IgnoreRtrHopLimit	BIT	1	If set, the stack is ignoring hop limits received in router advertisements.
IPSecurity	BIT	1	If set, IP security is enabled.
MultipPerConn	BIT	1	If set, the stack is using a multipath per connection routing selection algorithm for outbound IP traffic.
MultipPerPkt	BIT	1	If set, the stack is using a multipath per packet routing selection algorithm for outbound IP traffic.
SourceVipa	BIT	1	If set, the TCP/IP stack uses the appropriate VIPA IP address as the source IP address for outbound packets.
TCPSourceVipa	BIT	1	If set, and zSourceVipa is also set, the stack uses the interface in field zTcpSrcVipalName to determine the source IP address for outbound TCP connections.
TempAddrs	BIT	1	If set, the TCP/IP stack generates IPv6 temporary addresses for IPAQENET6 OSA-Express QDIO interfaces for which stateless address autoconfiguration is enabled. When this flag is set, the following fields contain life time values for the generated addresses: zTempAddrsPrefLifeTime, zTempAddrsValidLifeTime.
ChkOffload	BIT	1	If set, UDP and TCP checksum processing is offloaded to an OSA-Express feature.
SegOffload	BIT	1	If set, TCP segmentation is offloaded to an OSA-Express feature.
DynXcfSMCD	BIT	1	If set, the dynamically generated XCF interface can be used for new TCP connections with SMC-D.

<i>SMF119#04_IPv6_IP_configuration.<fieldname></i>			
zDynXcfIntID	HEX	8	(IBM name: N/A) Dynamic XCF interface ID. This field is valid only if the DynXcflfID flag is set.
zDynXcfAddr	IPADDRESS	16	(IBM name: N/A) Dynamic XCF IP address. This field is valid only if the DynamicXcf flag is set.

zDynXcfSrcVipalntName	CHAR	16	(IBM name: N/A) Dynamic XCF source VIPA interface name. This field is valid only if the DynXcfSrcVipalfName flag is set.
zTcpSrcVipalntName	CHAR	16	(IBM name: N/A) The VIPA interface name that is used for source IP address selection for outbound TCP connections. This field is valid only if flags SourceVipa and TCPSourceVipa are set.
zDynXcfPfxRteLen	INT	1	(IBM name: N/A) Dynamic XCF prefix route length. This field is valid only if the DynamicXcf flag is set. If a prefix route length was not specified, then the value is zero.
zDynXcfSecClass	INT	1	(IBM name: N/A) Dynamic XCF security class. This field is valid only if the DynamicXcf flag is set.
zHopLimit	INT	1	(IBM name: N/A) Hop limit for outbound packets.
zIcmpErrLimit	INT	1	(IBM name: N/A) Number of ICMPv6 error messages sent per second to a particular IPv6 destination.
zIgnRedirectRsn	INT (ENUM)	1	(IBM name: N/A) Reason why the IgnoreRedirectAct flag is set.
zOSMSecClass	INT	1	(IBM name: N/A) OSM security class. This field is valid only when flag IPSecurity is set.
zTempAdrsPrefLifeTime	INT	2	(IBM name: N/A) Preferred life time for temporary addresses, specified in hours. This field is valid only if the TempAdrs flag is set.
zTempAdrsValidLifeTime	INT	2	(IBM name: N/A) Valid life time for temporary addresses, specified in hours. This field is valid only if the TempAdrs flag is set.

Secondary segment: SMF119#04_TCP_configuration

Field Name	Type	Len	Description
<i>SMF119#04_TCP_configuration.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TCCF eyecatcher.

SMF119#04_TCP_configuration.zFlags.<fieldname>

DelayAcks	BIT	1	If set, an acknowledgment is delayed when a packet is received for this port, or range of ports, with the PUSH bit on in the TCP header. If not set, the acknowledgment is returned immediately.
RestrictLowPorts	BIT	1	If set, access to TCP port numbers 1-1023 are restricted.
SendGarbage	BIT	1	If set, keepalive packets contain one byte of random data. If not set, keepalive packets contain no data.
TCPTimeStamp	BIT	1	If set, the TCP layer engages in TCP timestamp negotiation during connection setup.
TTLS	BIT	1	If set, the AT-TLS function is active.
SelectiveACK	BIT	1	If set, TCP participates in selective acknowledgement (SACK) processing.
Nagle	BIT	1	If set, the Nagle algorithm is enabled.

SMF119#04_TCP_configuration.<fieldname>

zFinWait2Time	INT	2	(IBM name: N/A) The number of seconds a TCP connection should remain in the FINWAIT2 state.
zInterval	INT	2	(IBM name: N/A) The default TCP keepalive interval, in minutes.

zSoMaxConn	INT	4	(IBM name: N/A) The maximum number of connection requests queued for any listening socket.
zMaxRcvBufSize	INT	4	(IBM name: N/A) The maximum receive buffer size, in bytes, that an application can set using the Setsockopt socket function call.
zRcvBufSize	INT	4	(IBM name: N/A) The default receive buffer size, in bytes, for applications which do not set a size using the Setsockopt socket function call.
zSendBufSize	INT	4	(IBM name: N/A) The default send buffer size, in bytes, for applications that do not set a size using the Setsockopt socket function call.
zEphemPortBegNum	INT	2	(IBM name: N/A) The beginning ephemeral port number.
zEphemPortEndNum	INT	2	(IBM name: N/A) The ending ephemeral port number.

Secondary segment: **SMF119#04_UDP_configuration**

Field Name	Type	Len	Description
<i>SMF119#04_UDP_configuration.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) UDCF eyecatcher.

<i>SMF119#04_UDP_configuration.zFlags.<fieldname></i>			
RestrictLowPorts	BIT	1	If set, access to UDP port numbers 1-1023 is restricted.
ChkSum	BIT	1	If set, the UDP layer performs checksum processing.
QueueLimit	BIT	1	If set, UDP limits queued incoming datagrams to 2000 per socket.

<i>SMF119#04_UDP_configuration.<fieldname></i>			
zRcvBufSize	INT	2	(IBM name: N/A) The default UDP receive buffer size, in bytes, for applications that do not set a size using the Setsockopt socket function call.
zSendBufSize	INT	2	(IBM name: N/A) The default UDP send buffer size, in bytes, for applications that do not set a size using the Setsockopt socket function call.
zEphemPortBegNum	INT	2	(IBM name: N/A) The beginning ephemeral port number.
zEphemPortEndNum	INT	2	(IBM name: N/A) The ending ephemeral port number.

Secondary segment: **SMF119#04_Global_configuration**

Field Name	Type	Len	Description
<i>SMF119#04_Global_configuration.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) GBCF eyecatcher.

<i>SMF119#04_Global_configuration.zFlags.<fieldname></i>			
ExpBindPortRange	BIT	1	If set, fields zExpBindPortRangeBegNum and zExpBindPortRangeEndNum contain the beginning and ending port numbers of the range of reserved TCP ports in the sysplex.

IqdMultiWrite	BIT	1	If set, multiple write support is enabled for HiperSockets interfaces.
MlsCheckTerminate	BIT	1	If set, the stack terminates if multi-level secure configuration inconsistencies are encountered.
SegOffload	BIT	1	If set, TCP segmentation is offloaded to an OSA-Express feature. Guideline: This flag is deprecated. Use IPv4 flag SegOffload instead.
TcpipStats	BIT	1	If set, several counters are written to the CFGPRINT DD data set when the TCP/IP stack terminates.
Ziip	BIT	1	If set, field zZiipOptions indicates for which workloads CPU cycles are displaced to a zIIP.
WlmPriorityQ	BIT	1	If set, the following fields indicate the OSA-Express QDIO priority values that are assigned for packets associated with WLM service classes and for forwarded packets according to the control values for the WLM PRIORITYQ parameter: zWPQCV0Pri, zWPQCV1Pri, zWPQCV2Pri, zWPQCV3Pri, zWPQCV4Pri, zWPQCV5Pri, zWPQCV6Pri, zWPQFwdPri.
SMCR	BIT	1	If set, this stack is enabled for SMC-R communications.
SMCD	BIT	1	If set, this stack is enabled for SMC-D communications.
ZERT	BIT	1	If set, this stack is enabled for the zERT discovery function. The zZertParms field identifies additional ZERT subparameter settings.

SMF119#04_Global_configuration.zSysMonOptions.<fieldname>

SysMonAutoRejoin	BIT	1	If set, the stack automatically rejoins the sysplex group after problems that caused it to leave the sysplex group are resolved.
SysMonDelayJoin	BIT	1	If set, the stack delays joining the sysplex group until OMPROUTE is active.
SysMonDynRoute	BIT	1	If set, the TCP/IP stack monitors the presence of dynamic routes over those network interfaces for which the MONSYSPLEX parameter was specified. This setting is dynamically changed if the MONINTERFACE or NOMONINTERFACE subparameters are specified.
SysMonMonIntf	BIT	1	If set, the TCP/IP stack monitors the status of network interfaces for which the MONSYSPLEX parameter was specified.
SysMonRecovery	BIT	1	If set, the TCP/IP stack issues error messages, leaves the sysplex group, and deletes all DVIPA interfaces when a sysplex problem is detected.
SysMonNoJoin	BIT	1	If set, the TCP/IP stack does not join the sysplex group until the V TCPIP,,SYSPLEX,JOINGROUP command is issued.

SMF119#04_Global_configuration.<fieldname>

zIqdVlanID	INT	2	(IBM name: N/A) VLAN ID for the dynamic XCF HiperSockets interface. If not specified the value is 0.
zSysWlmPoll	INT	1	(IBM name: N/A) The number of seconds used by the sysplex distributor and its target servers, when polling WLM for new weight values.

SMF119#04_Global_configuration.zZiipOptions.<fieldname>

ZiipIPSecurity	BIT	1	If set, the stack automatically rejoins the sysplex group after problems that caused it to leave the sysplex group are resolved.
ZiipQdioMultiWrite	BIT	1	If set, the stack delays joining the sysplex group until OMPROUTE is active.

SMF119#04_Global_configuration.<fieldname>

zSysMonTimerSecs	INT	2	(IBM name: N/A) The number of seconds used by the sysplex monitor function to react to problems with needed sysplex resources.
zXcfGroupID	CHAR	2	(IBM name: N/A) The 2-digit suffix used to generate the sysplex group name that the TCP/IP stack joins. If not specified the value is zero.

zExpBindPortRangeBegNum	INT	2	(IBM name: N/A) If flag ExpBindPortRange is set, this field contains the beginning port number in the reserved range.
zExpBindPortRangeEndNum	INT	2	(IBM name: N/A) If flag ExpBindPortRange is set, this field contains the ending port number in the reserved range.
zMaxRecs	INT	4	(IBM name: N/A) Configured maximum records value for the DTCPIP,,NETSTAT command. The value range is 1-65535. The value 65536 indicates that the * (asterisk) value was specified. This means all records.
zEcsaLimit	INT	4	(IBM name: N/A) The maximum ECSA storage size in bytes that can be used by the TCP/IP stack.
zPoolLimit	INT	4	(IBM name: N/A) The maximum private storage size in bytes that can be used in the TCP/IP address space.
zWPQCV0Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 0. This field is valid only if flag WlmPriorityQ is set.
zWPQCV1Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 1. This field is valid only if flag WlmPriorityQ is set.
zWPQCV2Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 2. This field is valid only if flag WlmPriorityQ is set.
zWPQCV3Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 3. This field is valid only if flag WlmPriorityQ is set.
zWPQCV4Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 4. This field is valid only if flag WlmPriorityQ is set.
zWPQCV5Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 5. This field is valid only if flag WlmPriorityQ is set.
zWPQCV6Pri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to packets represented by control value 6. This field is valid only if flag WlmPriorityQ is set.
zWPQFwdPri	INT	1	(IBM name: N/A) The OSA-Express QDIO priority value that is assigned to forwarded packets. This field is valid only if flag WlmPriorityQ is set.
zAutoIQDX	INT (ENUM)	1	(IBM name: N/A) AutoIQDX settings.
zPFidCnt	INT	1	(IBM name: N/A) SMCR PFID count - the current number of configured PFID, port, and MTU entries in the PFs array.

SMF119#04_Global_configuration.zSMCGFlags.<fieldname>

AUTOCACHE	BIT	1	AUTOCACHE is configured. This function is active only when flag SMCR is set and field zPFidCnt is not zero, or flag SMCD is set.
AUTOSMC	BIT	1	AUTOSMC is configured.

SMF119#04_Global_configuration.<fieldname>

zAdjDVMSS	INT (ENUM)	1	(IBM name: N/A) ADJUSTDVIPAMSS settings.
zFixedMemory	INT	4	

			(IBM name: N/A) SMCR FIXEDMEMORY value in megabytes.
zTcpKeepMinInt	INT	4	(IBM name: N/A) SMCR TCPKEEPMININTERVAL value in seconds.

SMF119#04_Global_configuration.zPFs.<fieldname>

zPFid	INT	2	(IBM name: N/A) PFid.
zPFport	INT	1	(IBM name: N/A) Port number. When PFID represents a 10 GbE RoCE Express2 feature, the PortNum value is the port number configured for the PFID in the Hardware Configuration Definition (HCD). This port number is learned by VTAM and TCP/IP during activation of the PFID and might be different from the value coded for PORTNUM for this PFID on the GLOBALCONFIG SMCR statement.
zPFmtu	INT	2	(IBM name: N/A) MTU value.
ZERTAgg	BIT	1	If set, this stack is enabled for the zERT aggregation function.

SMF119#04_Global_configuration.<fieldname>

zAutoIQDC	INT (ENUM)	1	(IBM name: N/A) AutoIQDC settings.
zFixedMemoryD	INT	4	(IBM name: N/A) SMCD FIXEDMEMORY value in megabytes.
zTcpKeepMinIntD	INT	4	(IBM name: N/A) SMCD TCPKEEPMININTERVAL value in seconds.

Secondary segment: **SMF119#04_Port_reservation**

Field Name	Type	Len	Description
SMF119#04_Port_reservation.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) PORT eyecatcher.

SMF119#04_Port_reservation.zFlags.<fieldname>

IPv6	BIT	1	If set, the BIND parameter was specified with an IPv6 IP address.
Range	BIT	1	If set, this entry represents a range of reserved ports.
Unrsv	BIT	1	If set, this entry applies to unreserved ports. For unreserved port entries field zPORTBegNum is zero and flag field zUnrsvOptions provides settings specific to unreserved ports.
TCP	BIT	1	If set, this entry applies to TCP applications. If this flag is not set, the entry applies to UDP applications.

SMF119#04_Port_reservation.<fieldname>

zUseType	INT (ENUM)	1	(IBM name: N/A) Type of use for the port or ports.
----------	------------	---	---

SMF119#04_Port_reservation.zRsvOptions.<fieldname>

RAutolog	BIT	1	If set, autolog monitoring is in effect for this port or range of ports. If not set, autolog monitoring is not in effect for this port.
RDelayAcks	BIT	1	If set, an acknowledgment is delayed when a packet is received for this port, or range of ports, with the PUSH bit on in the TCP header. If not set, the acknowledgment is returned immediately.
RSharePort	BIT	1	If set, TCP connections can be distributed to multiple listeners, listening on the same combination of port and interface.

RSharePortWlm	BIT	1	If set, TCP connections can be distributed to multiple listeners, listening on the same combination of port and interface, using WLM server-specific recommendations.
RBind	BIT	1	If set, the BIND parameter was specified for the port entry, and field zBindAddr contains the specified IPv4 or IPv6 address.
RSaf	BIT	1	If set, a SAF resource name was specified for the port entry, and field zSafName contains the name.
RNoSMC	BIT	1	If set, NOSMC was specified for the port entry.
RSMC	BIT	1	If set, SMC was specified for the port entry.

SMF119#04_Port_reservation.<fieldname>

zBegNum	INT	2	(IBM name: N/A) Contains one of the following values: 1. The reserved port number, if this is a reserved port entry and flag 'Range' is not set. 2. The beginning reserved port number in the range, if this is a reserved port entry and flag 'Range' is set. 3. Zeros, if this is an unreserved port entry (flag 'Unrsv' is set).
zEndNum	INT	2	(IBM name: N/A) If flag 'Unrsv' is not set, this field contains one of the following values: 1. If flag 'Range' is not set, this field is set to zero. 2. If flag 'Range' is set, this field contains the ending reserved port number in the range.
zUnrsvOptions	INT	1	(IBM name: N/A) Options for unreserved ports. These flags are set only for unreserved port entries (flag 'Unrsv' is set in field zFlags)
zJobName	CHAR	8	(IBM name: N/A) If the zUseType value is 'UTJobname', this field contains the MVS job name value associated with the port entry, padded with trailing blanks.
zSafName	CHAR	8	(IBM name: N/A) If flag 'RSaf' is set, this field contains the SAF resource name, padded with trailing blanks.
zBindAddr	IPADDRESS	16	(IBM name: N/A) If flag 'RBind' is set in the zRsvOptions field, this field contains one of the following values: 1. If the 'IPv6' flag bit is not set, this field contains the IPv4 IP address specified on the BIND parameter. 2. If the 'IPv6' flag bit is set, this field contains the IPv6 IP address specified on the BIND parameter.

Secondary segment: SMF119#04_Interface

Field Name	Type	Len	Description
SMF119#04_Interface.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) INTF eyecatcher.

SMF119#04_Interface.zFlags.<fieldname>

IPv6	BIT	1	IPv6 indicator. If set, this entry is an IPv6 interface, otherwise this entry is an IPv4 interface.
DefIf	BIT	1	If set, the interface was defined by the INTERFACE statement. Otherwise, the interface was defined by DEVICE and LINK statements.
IfID	BIT	1	If set, an IPv6 interface ID was specified. Field zIntID contains the interface ID value.
AutoRestart	BIT	1	This flag applies only to non-VIRTUAL interfaces defined by DEVICE and LINK profile statements. If set, either AUTORESTART was specified or, the interface is using the same OSA-Express port, MPCPTP TRLE, or HiperSockets CHPID as an IPv6 interface, so the AUTORESTART parameter has been set by default.
IpBcast	BIT	1	If set, IPBCAST was specified.

VlanID	BIT	1	If set, VLANID was specified. Field zVlanID contains the VLAN ID value.
MonSysplex	BIT	1	If set, MONSYSPLEX was specified.
DynVlanReg	BIT	1	If set, DYNVLANREG was specified.
Vmac	BIT	1	If set, VMAC was specified. Field zVmacAddr contains the virtual MAC address.
VmacAddr	BIT	1	If set, the VMAC parameter was specified with a virtual MAC address. If not set, the VMAC parameter was specified without a virtual MAC address. The OSA-Express QDIO feature generates the virtual MAC address. Field zVmacAddr contains the virtual MAC address.
VmacRtLcl	BIT	1	If set, VMAC was specified with the ROUTELCL subparameter. If not set, and flag zVmac is set, then the ROUTEALL subparameter is in effect.
CheckSum	BIT	1	If set, inbound checksum calculation is being performed. This flag applies only to MPCPTP interfaces.
SrcVipalfName	BIT	1	If set, SOURCEVIPAINTERFACE was specified. Field zSrcVipaIntName contains the specified source VIPA interface name.
TempPrefix	BIT	1	If set, TEMPPREFIX was specified. Field zTempPfxType indicates the type of IPv6 temporary address which was requested.
Isolate	BIT	1	If set, ISOLATE was specified. This flag applies only to IPAQENET interfaces defined by the INTERFACE profile statement and to IPAQENET6 interfaces.
OptLatMode	BIT	1	Indicates whether optimized latency mode (OLM parameter) was requested or is in effect. If set, and the interface is not active, the OLM parameter was specified for the interface. If set, and the interface is active, then the OLM setting is in effect for the interface. This flag applies to only IPAQENET interfaces defined by the INTERFACE profile statement and to IPAQENET6 interfaces.
ChpID	BIT	1	If set, an optional CHPID value was specified for an interface that was defined by the INTERFACE statement. The CHPID value is in zChpID field.
TempIP	BIT	1	If set, the TEMPIP value was specified for an interface that was defined by the INTERFACE statement. The zIPv4Addr field is set to zeroes when this flag is set.
SMCR	BIT	1	If set, SMCR was specified or is in effect by default. This flag applies only to IPAQENET interfaces that the INTERFACE profile statement defines and to IPAQENET6 interfaces.
SMCD	BIT	1	If set, SMCD was specified or is in effect by default. This flag only applies to IPAQENET and IPAQIDIO interfaces that the INTERFACE profile statement defines or IPAQENET6 and IPAQIDIO6 interfaces.

SMF119#04_Interface.<fieldname>

zType	INT (ENUM)	1	(IBM name: N/A) Interface Type.
zRtrType	INT (ENUM)	1	(IBM name: N/A) Router type. This field is valid only when the zType field value is 'OSAETH'.
zReadStorType	INT (ENUM)	1	(IBM name: N/A) Read storage amount type. This field is valid only when the zType field value is 'OSAETH' or 'HIPERSOCK'.
zInbPerfType	INT (ENUM)	1	(IBM name: N/A) Inbound performance type. This field is valid only when the zType field value is 'OSAETH'.
zSecClass	INT	1	(IBM name: N/A) SECCLASS value.
zChpID	INT	1	(IBM name: N/A) CHPID value. This field is valid only for the following interface types: 1. IPv6 interfaces or IPv4 interfaces that are defined by the INTERFACE statement where the zType field value is 'HIPERSOCK'. 2. Interfaces for which the 'ChpID' flag is set.
zDupAddrDet	INT	1	(IBM name: N/A) DUPADDRDET count. This field is valid only for IPv6 interfaces, where the

			zType field value is 'OSAETH'.
zIPv4Mask	INT	1	(IBM name: N/A) IPv4 Subnet number of mask bits from INTERFACE or BSDROUTINGPARMS statement. If subnet mask specified on BSDROUTINGPARMS but overridden by OMPROUTE, this field is zero.
zTempPfxType	INT (ENUM)	1	(IBM name: N/A) TEMPPREFIX type. This field is valid only for IPv6 interfaces where flag 'TempPrefix' is set, and the zType field value is 'OSAETH'.

SMF119#04_Interface.zDynTypes.<fieldname>

DynWrkLdQ	BIT	1	If set, INBPERF DYNAMIC WORKLOADQ was configured.
-----------	-----	---	---

SMF119#04_Interface.<fieldname>

zChpIDType	INT (ENUM)	1	(IBM name: N/A) The CHPID type of the OSA-Express QDIO Ethernet interface. This field is valid only for interfaces where the zType field value is 'OSAETH' and the interface was defined by an INTERFACE profile statement (flag 'Deflfl' is set).
zVlanID	INT	2	(IBM name: N/A) VLAN ID. This field is valid only when flag 'VlanID' is set and the zType field value is 'OSAETH' or 'HIPERSOCK'.
zMtu	INT	2	(IBM name: N/A) MTU value. This field is valid only when flag 'Deflfl' is set, and the zType field value is 'OSAETH' or 'HIPERSOCK'.
zIPv4Addr	IPADDRESS	4	(IBM name: N/A) If flag zIPv6 is not set, this field is the IPv4 IP address from the HOME or INTERFACE statement. If an IP address has not been configured for the interface or if the 'TempIP' flag is set, this field is set to zeros.
zIfIndex	INT	4	(IBM name: N/A) The interface index, which is a small, positive number assigned to the interface when it is defined to the TCP/IP stack. For interfaces defined by DEVICE and LINK statements, this is the interface index of the LINK.
zVmacAddr	CHAR	6	(IBM name: N/A) Virtual MAC address. This field is valid only if flag 'Vmac' is set. The field contains one of the following values: 1. If flag 'VmacAddr' is set, the field contains the configured virtual MAC address. 2. If flag 'VmacAddr' is not set, and the interface is active, the field contains the virtual MAC address generated by the OSA-Express QDIO feature, when the interface was activated. If the interface is not yet active, then the field is set to zeros.
zIntID	INT	8	(IBM name: N/A) IPv6 interface ID value. This field is valid only if flag 'IfID' is set.
zName	CHAR	16	(IBM name: N/A) Interface name. For interfaces defined by DEVICE and LINK statements, this is the LINK name. otherwise, it is the interface name defined on the INTERFACE statement.
zAssocName	CHAR	16	(IBM name: N/A) One of the following associated names: 1. DEVICE name for interfaces defined with the LINK profile statement. For IPAQENET interfaces defined with the LINK statement, this is also the OSA-Express port name. For MPCPTP interfaces defined with the LINK statement, this is also the TRLE name. 2. PORTNAME value from the IPAQENET/IPAQENET6 INTERFACE statement. 3. TRLENAME value from the MPCPTP6 profile statement.
zSrcVipaIntName	CHAR	16	(IBM name: N/A) Source VIPA interface name from the INTERFACE profile statement. This field is valid only if flag 'SrcVipalfName' is set.

Secondary segment: SMF119#04_IPv6_address

Field Name	Type	Len	Description
SMF119#04_IPv6_address.<fieldname>			

zDesc	CHAR	4	(IBM name: N/A) IPA6 eyecatcher.
-------	------	---	-------------------------------------

SMF119#04_IPv6_address.<fieldname>

Depracated	BIT	1	If set, the address or address prefix has been deprecated by the DEPRADDR parameter.
------------	-----	---	--

SMF119#04_IPv6_address.<fieldname>

zType	INT (ENUM)	1	(IBM name: N/A) Type of entry.
zPfxLen	INT	1	(IBM name: N/A) Prefix length. This field is only valid when the zType is either 'PFX' or 'TEMPPPFX'.
zIfIndex	HEX	4	(IBM name: N/A) The interface index of the interface to which the IPv6 address is assigned. This is a small, positive number assigned to the interface when it is defined to the TCP/IP stack.
zIntName	CHAR	16	(IBM name: N/A) Associated interface name.
zAddr	HEX	16	(IBM name: N/A) Address or prefix.

Secondary segment: **SMF119#04_Routing**

Field Name	Type	Len	Description
SMF119#04_Routing.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) ROUT eyecatcher.

SMF119#04_Routing.zFlags.<fieldname>

IPv6	BIT	1	IPv6 indicator. If set, this is an IPv6 route.
Default	BIT	1	If set, this is a default route so there is no destination IP address.
NextHop	BIT	1	If set, a next hop address was specified.
DelayAcks	BIT	1	If set, DELAYACKS was specified.
Replaceable	BIT	1	If set, REPLACEABLE was specified.
Replaced	BIT	1	If set, this is a replaceable static route which has been replaced by a dynamic route. This route is not currently being used by the TCP/IP stack.

SMF119#04_Routing.<fieldname>

zMtu	INT	2	(IBM name: N/A) MTU size.
zDestPfxLen	INT	1	(IBM name: N/A) Destination prefix length for both IPv4 or IPv6 destination addresses. This value is set to the maximum IPv4 (32) or IPv6(128) value in the following cases: 1. If the HOST parameter was specified as the IPv4 address mask or IPv6 prefix length. 2. A prefix length was not specified.
zIfIndex	INT	4	(IBM name: N/A) Interface index of interface over which route is defined.
zMaxRetranTime	INT	4	(IBM name: N/A) Maximum retransmission time in milliseconds.
zMinRetranTime	INT	4	(IBM name: N/A) Minimum retransmission time in milliseconds.
zRoundTripGain	INT	2	(IBM name: N/A) Round trip gain percentage in thousandths of seconds.

zVarGain	INT	2	(IBM name: N/A) Variance gain percentage in thousandths of seconds.
zVarMultiplier	INT	4	(IBM name: N/A) Variance multiplier value in thousandths if seconds.
zIntName	CHAR	16	(IBM name: N/A) Name of interface over which route is defined, padded with trailing blanks.
zDestAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: 1. If the 'IPv6' flag is not set, this field contains the IPv4 destination IP address. 2. If the 'IPv6' flag is set, this field contains the IPv6 destination IP address.
zNextHopAddr	IPADDRESS	16	(IBM name: N/A) Next hop IP address. This field is only valid if flag 'NextHop' is set. The value is one of the following: 1. If the 'IPv6' flag is not set, this field contains the IPv4 next hop IP address. 2. If the 'IPv6' flag is set, this field contains the IPv6 next hop IP address.

Secondary segment: **SMF119#04_Source_IP_address**

Field Name	Type	Len	Description
<i>SMF119#04_Source_IP_address.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) SRCI eyecatcher.
zType	INT (ENUM)	1	(IBM name: N/A) Type of entry.

<i>SMF119#04_Source_IP_address.zFlags.<fieldname></i>			
IPv6	BIT	1	IPv6 indicator. If set IP addresses are IPv6, otherwise IP addresses are IPv4.
SrclfName	BIT	1	Source IP address identifier in field zSrc is an IPv6 interface name.
Clients	BIT	1	Job name Clients.
Servers	BIT	1	Job name Servers.
TempAddr	BIT	1	If the flag is set and default source IP address selection is performed, an IPv6 temporary address is preferred over an IPv6 public address.
PubAddr	BIT	1	If the flag is set and default source IP address selection is performed, an IPv6 public address is preferred over an IPv6 temporary address.

<i>SMF119#04_Source_IP_address.<fieldname></i>			
zDestPfxLen	INT	1	(IBM name: N/A) Destination prefix length for both IPv4 or IPv6 destination addresses. This value is zero if a prefix length was not specified.
zJobName	CHAR	8	(IBM name: N/A) If the zType value is 'JOB' (Job name), this field contains the specified job name, padded with trailing blanks.
zDestAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: 1. If the zType value is 'DEST' (Destination) and the 'IPv6' flag is not set, this field contains the IPv4 destination IP address. 2. If the zType value is Destination and the 'IPv6' flag is set, this field contains the IPv6 destination IP address.
zSrcAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: 1. If the 'IPv6' flag is not set, this field contains the IPv4 source IP address. 2. If the 'IPv6' flag is set, but the 'SrclfName' and 'TempAddr' flags are not set, this field contains the IPv6 source IP address. 3. If both the 'IPv6' and 'SrclfName' flags are set, this field contains the IPv6 source interface name, padded with trailing blanks.

Secondary segment: SMF119#04_Management

Field Name	Type	Len	Description
<i>SMF119#04_Management.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) MGMT eyecatcher.

<i>SMF119#04_Management.zSMF119Types.<fieldname></i>			
FtpClient	BIT	1	FTP client.
IfStats	BIT	1	Interface statistics.
IPSec	BIT	1	IPSec.
PortStats	BIT	1	Port statistics.
Profile	BIT	1	Profile.
TcpInit	BIT	1	TCP connection initiation.
TcpipStats	BIT	1	TCP/IP statistics.
TcpStack	BIT	1	TCP/IP stack initiation and termination.
TcpTerm	BIT	1	TCP connection termination.
TN3270Client	BIT	1	TSO Telnet client connection initiation and termination.
UdpTerm	BIT	1	UDP endpoint termination.
Dvipa	BIT	1	Dynamic VIPAs.
SmcrGrpStats	BIT	1	SMC-R group statistics.
SmcrLnkEvent	BIT	1	SMC-R link event.
SmcdLnkStats	BIT	1	SMC-D link statistics.
SmcdLnkEvent	BIT	1	SMC-D link event.
ZertDetail	BIT	1	zERT connection details.

<i>SMF119#04_Management.zNetMonServices.<fieldname></i>			
NMPktTrace	BIT	1	Packet trace.
NMTcpConn	BIT	1	TCP connection.
NMSmf	BIT	1	SMF records.
NMNTATrace	BIT	1	OSAENTA trace.
NMZert	BIT	1	zERT Detail records.
NMZertSummary	BIT	1	zERT Summary records.

<i>SMF119#04_Management.zNetMonSmfRecs.<fieldname></i>			
NMSmfIPSec	BIT	1	IP Sec.
NMSmfProfile	BIT	1	Profile.
NMSmfCSSMTP	BIT	1	CSSMTP.
NMSmfCSMAIL	BIT	1	CSMail.
NMSmfDvipa	BIT	1	Dynamic VIPAs.

<i>SMF119#04_Management.<fieldname></i>			
zNetMonMinLife	INT	1	(IBM name: N/A) If flag 'NMTcpConn' is set, this field contains the NETMONITOR TCPCONN SERVICE MINLIEFTIME value.

<i>SMF119#04_Management.zSAFlags.<fieldname></i>			
SAEnabled	BIT	1	

			If set, the TCP/IP subagent is enabled. If not set, the TCP/IP subagent is disabled.
SAOsaEnabled	BIT	1	If set, OSA support is enabled. If not set, OSA support is disabled.
SASetsEnabled	BIT	1	If set, Set support is enabled. If not set, Set support is disabled.
SACommunity	BIT	1	If set, a community name was specified.

SMF119#04_Management.<fieldname>

zSAAgent	INT	2	(IBM name: N/A) SACONFIG Agent port number.
zSAOsaSf	INT	2	(IBM name: N/A) SACONFIG OSASF port number.
zSACacheTime	INT	2	(IBM name: N/A) SACONFIG Cache time.
zSACommName	CHAR	32	(IBM name: N/A) SACONFIG Community name, padded with trailing blanks. Due to security concerns, this value is not provided in the SMF record. But if a community name value was specified, flag 'SACommunity' is set.

Secondary segment: **SMF119#04_IPSec_common**

Field Name	Type	Len	Description
SMF119#04_IPSec_common.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) IPSC eyecatcher.

SMF119#04_IPSec_common.zFlags.<fieldname>

DVIPSec	BIT	1	If set, DVIPSEC was specified.
LogEnable	BIT	1	If set, LOGENABLE was specified.
LogImplicit	BIT	1	If set, LOGIMPLICIT was specified.
DVLocalFltr	BIT	1	If set, DVLOCALFLTR was specified.

Secondary segment: **SMF119#04_IPSec_default_rules**

Field Name	Type	Len	Description
SMF119#04_IPSec_default_rules.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) IPSR eyecatcher.

SMF119#04_IPSec_default_rules.zFlags.<fieldname>

IPv6	BIT	1	If set, addresses are in IPv6 format.
SrcAddrDef	BIT	1	If set, a source address was specified and field zSrcAddr contains the address. If not set, an asterisk (*) or an address with a prefix length of zero (0) was specified for the source IP address. This means that any source address matches the rule.
DestAddrDef	BIT	1	If set, a destination address was specified and field zDestAddr contains the address. If not set, an asterisk (*) or an address with a prefix length of zero (0) was specified for the destination IP address. This means that any destination address matches the rule.
Log	BIT	1	If set, LOG was specified.
ProtoDef	BIT	1	

			If set, a protocol value other than OPAQUE was specified and field zProto contains the value. If a protocol value of OPAQUE was specified, flag 'ProtoOpaqueDef' is set. If neither the 'ProtoDef' nor the 'ProtoOpaqueDef' flags are set, any protocol value matches the rule.
SrcPortDef	BIT	1	If set, a source port was specified and field zSrcPort contains the port number. If not set, any source port number matches the rule.
DestPortDef	BIT	1	If set, a destination port was specified and field zDestPort contains the port number. If not set, any destination port number matches the rule.
TypeDef	BIT	1	If set, an ICMP, ICMPv6, OSPF, or MIPv6type was specified and field zType contains the type value. If not set, any type matches the rule for the specified or defaulted protocol.
CodeDef	BIT	1	If set, an ICMP or ICMPv6 code was specified and field zCode contains the code value. If not set, any code matches the rule for the specified or defaulted protocol and type.
SrcAddrRangeDef	BIT	1	If set, a source address range was specified and field zSrcAddr contains the beginning address of the range and field zSrcAddrEnd contains the ending address of the range.
DestAddrRangeDef	BIT	1	If set, a destination address range was specified and field zDestAddr contains the beginning address of the range and field zDestAddrEnd contains the ending address of the range.
ProtoOpaqueDef	BIT	1	This flag is valid only when flag zIPv6 is set. If set, PROTOCOL OPAQUE was specified. The OPAQUE protocol setting is indicated only by this flag. Field zProto is not set.
SrcPortRangeDef	BIT	1	If set, a source port range was specified. Field zSrcPort contains the beginning port number and field zSrcPortEnd contains the ending port number.
DestPortRangeDef	BIT	1	If set, a destination port range was specified. Field zDestPort contains the beginning port number and field zDestPortEnd contains the ending port number.
TypeRangeDef	BIT	1	If set, an ICMP, ICMPv6, or MIPv6 type range was specified. Field zType contains the beginning type and field zTypeEnd contains the ending type.
CodeRangeDef	BIT	1	If set, an ICMP or ICMPv6 code range was specified. Field zCode contains the beginning code and field zCodeEnd contains the ending code.

SMF119#04_IPSec_default_rules.<fieldname>

zSrcPfxLen	INT	1	(IBM name: N/A) Source address prefix length. This field is valid only when the specified prefix length is greater than zero (0). Specifying a prefix length of 0 is the same as specifying an IP address of asterisk (*), which means that any source address matches the rule.
zDestPfxLen	INT	1	(IBM name: N/A) Destination address prefix length. This field is valid only when the specified prefix length is greater than zero (0). Specifying a prefix length of 0 is the same as specifying an IP address of asterisk (*), which means that any destination address matches the rule.
zProto	INT (ENUM)	1	(IBM name: N/A) If the flag 'ProtoDef' is set, this field contains the protocol value.
zType	INT	1	(IBM name: N/A) If the flag 'TypeDef' is set, this field contains the ICMP/ICMPv6/OSPF/MIPv6 type value. For ICMP, ICMPv6, and MIPv6, if flag 'TypeRangeDef' is not set, this is the only type value, otherwise this is the beginning type value in a range.
zCode	INT	1	(IBM name: N/A) If the flag 'CodeDef' is set, this field contains the ICMP/ICMPv6 code value. If flag 'CodeRangeDef' is not set, this is the only code value. Otherwise, this is the beginning code value in a range.
zRoutingType	INT (ENUM)	1	(IBM name: N/A) ROUTING type.
zSecClass	INT	1	(IBM name: N/A) SECCLASS value.
zTypeEnd	INT	1	

			(IBM name: N/A) If the flag 'RTypeRangeDef' is set, this field contains the ending ICMP, ICMPv6, or MIPv6 type value in a range. The beginning type value in the range is contained in the zType field.
zCodeEnd	INT	1	(IBM name: N/A) If the flag 'CodeRangeDef' is set, this field contains the ending ICMP, or ICMPv6 code value in a range. The beginning code value in the range is contained in the zCode field.
zDirection	INT (ENUM)	1	(IBM name: N/A) DIRECTION value.
zSrcPort	INT	2	(IBM name: N/A) If the flag 'SrcPortDef' is set, this field contains the source port number. If flag 'SrcPortRangeDef' is not set, this is the only source port number. Otherwise, this is the beginning source port number in a range.
zDestPort	INT	2	(IBM name: N/A) If the flag 'DestPortDef' is set, this field contains the destination port number. If flag 'DestPortRangeDef' is not set, this is the only destination port number. Otherwise, this is the beginning destination port number in a range.
zSrcAddr	IPADDRESS	16	(IBM name: N/A) If the flag 'SrcAddrDef' is set, and the 'IPv6' flag is not set, this field contains an IPv4 source address. If flag 'SrcAddrRangeDef' is not set, this is the only source IP address. Otherwise, this is the beginning source IP address in a range.
zDestAddr	IPADDRESS	16	(IBM name: N/A) If the flag 'DestAddrDef' is set, and the 'IPv6' flag is not set, this field contains an IPv4 destination address. If flag 'DestAddrRangeDef' is not set, this is the only destination IP address. Otherwise, this is the beginning destination IP address in a range.
zSrcAddrEnd	IPADDRESS	16	(IBM name: N/A) If the flag 'SrcAddrRangeDef' is set, and the 'IPv6' flag is not set, this field contains the ending IPv4 IP source address in the range. If the flag 'SrcAddrRangeDef' is set, and the 'IPv6' flag is set, this field contains the ending IPv6 IP source address in the range. The beginning source IP address in the range is contained in the zSrcAddr field.
zDestAddrEnd	IPADDRESS	16	(IBM name: N/A) If the flag 'DestAddrRangeDef' is set, and the 'IPv6' flag is not set, this field contains the ending IPv4 IP destination address in the range. If the flag 'DestAddrRangeDef' is set, and the 'IPv6' flag is set, this field contains the ending IPv6 IP destination address in the range. The beginning destination IP address in the range is contained in the zDestAddr field.
zSrcPortEnd	INT	2	(IBM name: N/A) If the flag 'SrcPortRangeDef' is set, this field contains the ending source port number in a range. The beginning port number in the range is contained in the zSrcPort field.
zDestPortEnd	INT	2	(IBM name: N/A) If the flag 'DestPortRangeDef' is set, this field contains the ending destination port number in a range. The beginning port number in the range is contained in the zDestPort field.

Secondary segment: SMF119#04_Network_access

Field Name	Type	Len	Description
<i>SMF119#04_Network_access.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) IPSR eyecatcher.
<i>SMF119#04_Network_access.zFlags.<fieldname></i>			
IPv6	BIT	1	If set IP addresses are IPv6, otherwise IP addresses are IPv4.
InBound	BIT	1	If set, inbound network access control checking is in effect.
OutBound	BIT	1	If set, outbound network access control checking is in effect.

Default	BIT	1	If set, this is a DEFAULT entry.
DefaultHome	BIT	1	If set, this is a DEFAULTHOME entry.
SMF119#04_Network_access.<fieldname>			
zNetwPfxLen	INT	1	(IBM name: N/A) Network address prefix length for the IPv4 or IPv6 network value.
zCache	INT (ENUM)	1	(IBM name: N/A) CacheAll => When a SAF call is made to check if a user has access to a security zone, the result is cached regardless of whether access is permitted or denied. CachePermit => When a SAF call is made to check if a user has access to a security zone, the result is cached if access is permitted, but is not cached if access is denied. CacheSame => When a SAF call is made to check if a user has access to a security zone, the result is cached if access is permitted, but is not cached if access is denied. In addition, a new SAF call is made for a previously permitted security zone if either the user that is associated with the socket changes, or the IP address that is being accessed changes from the IP address in the previous packet that was received or sent over the socket.
zSafName	CHAR	8	(IBM name: N/A) SAF resource name, padded with trailing blanks.
zNetwAddr	IPADDRESS	16	(IBM name: N/A) If the 'IPv6' flag is not set, and this is not a DEFAULT or DEFAULTHOME entry, this field contains the IPv4 network value. The network value is the IPv4 network address ANDed with the prefix length. If the 'IPv6' flag is set, and this is not a DEFAULT or DEFAULTHOME entry, this field contains the IPv6 network value. The network value is the IPv6 network address ANDed with the prefix length.

Secondary segment: SMF119#04_Dynamic_VIPA_address

Field Name	Type	Len	Description
SMF119#04_Dynamic_VIPA_address.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) DVCF eyecatcher.

SMF119#04_Dynamic_VIPA_address.zFlags.<fieldname>			
ChgCancelled	BIT	1	If set, pending configuration changes for this section were cancelled because the stack is not currently joined to the sysplex group. If this flag is set, no other information is provided in this section.
IPv6	BIT	1	If set, IP addresses are IPv6. Otherwise, IP addresses are IPv4.
MoveImmed	BIT	1	This flag is valid only when the value of zType is Backup or Define. If set, the DVIPA can be immediately moved to another stack when the other stack requests ownership of it, but existing connections are preserved. If this flag is not set, the DVIPA cannot move to another stack until all current connections have ended.
MoveNonDisrupt	BIT	1	This flag is valid only if the value of zType is Range. If set, the DVIPA can be immediately moved to another stack when the other stack requests ownership of it, but existing connections are preserved. If this flag is not set: 1. A subsequent BIND on another stack for the same DVIPA address fails. A subsequent SIOCSVIPA ioctl on another stack succeeds and the DVIPA is deleted from this stack. Any connections to the DVIPA on this offset are terminated. 2. A subsequent SIOCSVIPA ioctl on another stack succeeds and the DVIPA is deleted from this stack. Any connections to the DVIPA on this stack are terminated.
CpcScope	BIT	1	If set, the DVIPA cannot be moved to or taken over by another TCP/IP stack that is in a different central processor complex (CPC). This flag is valid only if field zType is set to 'Backup' or 'Define'.
Tier1	BIT	1	If set, the DVIPA is used to distribute incoming requests to non-z/OS targets. This flag is valid only if field zType is set to Backup or Define.
Tier2	BIT	1	If set, the DVIPA is used to distribute incoming requests from Tier1 targets to server applications and the DVIPA cannot be moved to or taken over by

			another TCP/IP stack that is in a different CPC. This flag is valid only if field zType is set to 'Backup' or 'Define'.
ServMgr	BIT	1	If set, and this DVIPA is distributed, MultiNode Load Balancing (MNLB) is performed as part of the distribution. This flag is not supported.
Deactivated	BIT	1	If set, the associated DVIPA address is currently deactivated. DVIPA addresses and interfaces can be deactivated by way of the VARY TCPIP,,SYSPLEX,DEACTIVATE command. This flag is valid only if zType is Backup or Define.
SAFNameSet	BIT	1	If set, the SAF parameter is specified on the VIPARANGE statement. Field zSAFName contains the SAF parameter value.

SMF119#04_Dynamic_VIPA_address.<fieldname>			
zType	INT (ENUM)	1	(IBM name: N/A) DVIPA entry type.
zBackupRank	INT	1	(IBM name: N/A) If the zType value is 'Backup', this field contains the rank value.
zPfxLen	INT	1	(IBM name: N/A) This field contains one of the following values: 1. If the zType value is 'Define' or Backup, and the 'IPv6' flag is not set, this field contains the IPv4 subnet prefix length. 2. If the zType value is 'Define' or Backup, and the 'IPv6' flag is set, this field contains the IPv6 subnet prefix length. 3. If the zType value is 'Range', and the 'IPv6' flag is not set, this field contains the prefix length used to create the IPv4 VIPARANGE prefix. 4. If the zType value is 'Range', and the 'IPv6' flag is set, this field contains the prefix length used to create the IPv6 VIPARANGE prefix. 5. 0 if a prefix length was not specified.
zAddr	IPADDRESS	16	(IBM name: N/A) If the 'IPv6' flag is not set, this field contains the IPv4 DVIPA IP address. If the 'IPv6' flag is set, this field contains the IPv6 DVIPA IP address.
zIntfName	CHAR	16	(IBM name: N/A) If the 'IPv6' flag is set, this field contains the IPv6 DVIPA interface name, padded with trailing blanks.
zSAFName	CHAR	8	(IBM name: N/A) If the 'SAFNameSet' flag is set, this field contains the name specified on the SAF parameter of the VIPARANGE statement, padded with trailing blanks.

Secondary segment: **SMF119#04_Dynamic_VIPA_routing**

Field Name	Type	Len	Description
SMF119#04_Dynamic_VIPA_routing.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) DVRT eyecatcher.

SMF119#04_Dynamic_VIPA_routing.zFlags.<fieldname>			
ChgCancelled	BIT	1	If set, pending configuration changes for this section were cancelled because the stack is not currently joined to the sysplex group. If this flag is set, no other information is provided in this section.
IPv6	BIT	1	If set, IP addresses are IPv6. Otherwise, IP addresses are IPv4.

SMF119#04_Dynamic_VIPA_routing.<fieldname>			
zDynXcfAddr	IPADDRESS	16	(IBM name: N/A) If the 'IPv6' flag is not set, this field contains the IPv4 dynamic XCF IP address. If the 'IPv6' flag is set, this field contains the IPv6 dynamic XCF IP address.
zTargetAddr	IPADDRESS	16	(IBM name: N/A) If the 'IPv6' flag is not set, this field contains the IPv4 target IP address. If the 'IPv6' flag is set, this field contains the IPv6 target IP address.

Secondary segment: **SMF119#04_Distributed_Dynamic_VIPA**

Field Name	Type	Len	Description
SMF119#04_Distributed_Dynamic_VIPA.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) DDVS eyecatcher.
SMF119#04_Distributed_Dynamic_VIPA.zFlags.<fieldname>			
ChgCancelled	BIT	1	If set, pending configuration changes for this section were cancelled because the stack is not currently joined to the sysplex group. If this flag is set, no other information is provided in this section.
IPv6	BIT	1	If set, this is an IPv6 entry. Otherwise, it is an IPv4 entry.
Port	BIT	1	If set, the PORT parameter was specified and field zDistPortNum contains the distributed port number.
DestipAll	BIT	1	If set, connections to the DVIPA address can be distributed to all stacks connected to this stack by way of a dynamic XCF interface of the same protocol type (IPv4 or IPv6) as the DVIPA address. If flag 'Tier2' is set, connections can be distributed only to targets on the same CPC as the Tier2 distributor.
OptLocal	BIT	1	If set, target stacks should normally process new connection requests locally instead of sending them to the sysplex distributor stack, depending on the OPTLOCAL value in field OptLocalValue.
SysplexPorts	BIT	1	If set, coordinated sysplex-wide ephemeral port assignment is activated for the distributed DVIPA on all stacks where the DVIPA is defined.
Tier1	BIT	1	If this parameter is set, and the 'Tier1Gre' flag is set, incoming connection requests to the distributed DVIPA are distributed to non-z/OS targets. If this parameter is set, and the 'Tier1Gre' flag is not set, incoming connection requests to the distributed DVIPA are distributed to z/OS targets. 1. If 'IPv6' is not set, the zDestipAddr field contains the IPv4 target IP address. 2. If 'IPv6' is set, the zDestipAddr field contains the IPv6 target IP address. 3. The zTierGroupName field contains the TIER1 group name. 4. If the 'Tier1Gre' flag is set, the zControlPortNum field contains the control port number.
Tier1Gre	BIT	1	If set and 'IPv6' is not set, generic routing encapsulation (GRE) is used to distribute requests to IPv4 tier 1 non-z/OS targets. If set and 'IPv6' is set, IPv6 routing encapsulation is used to distribute requests to IPv6 tier 1 non-z/OS targets. This flag can be set only if flag Tier1 is set.
Tier2	BIT	1	If set, the DVIPA is used to distribute incoming requests from tier 1 targets to server applications. The zTierGroupName field contains the TIER2 group name.
Deactivated	BIT	1	If set, the associated distributed DVIPA is currently deactivated. DVIPA distribution can be deactivated by using the VARY TCPIP,,SYSPLEX,DEACTIVATE command to deactivate the corresponding DVIPA address.
SrvTypePreferred	BIT	1	When the value of zDistMethod is 'HotStandby', this flag is set if the server type is Preferred: 1 => This is the preferred server. 0 => This is not the preferred server.
SrvTypeBackup	BIT	1	When the value of zDistMethod is 'HotStandby', this flag is set if the server type is Backup: 1 => This is a backup server. 0 => This is not a backup server.
AutoSwitchBack	BIT	1	When the value of zDistMethod is 'HotStandby', this flag is the AUTOSWITCHBACK setting: 1 => AUTOSWITCHBACK is configured. 0 => NOAUTOSWITCHBACK is configured.
HealthSwitch	BIT	1	When the value of zDistMethod is 'HotStandby', this flag is the HEALTHSWITCH setting: 1 => HEALTHSWITCH is configured. 0 => NOHEALTHSWITCH is configured.
SMF119#04_Distributed_Dynamic_VIPA.<fieldname>			

zDistMethod	INT (ENUM)	1	(IBM name: N/A) Distribution method.
zBWProcTypeCp	INT	1	(IBM name: N/A) When the value of zDistMethod is 'BaseWlm', this field contains the proportion of the workload that is expected to use conventional processors.
zBWProcTypeZaap	INT	1	(IBM name: N/A) When the value of zDistMethod is 'BaseWlm', this field contains the proportion of the workload that is expected to use zAAP processors.
zBWProcTypeZiip	INT	1	(IBM name: N/A) When the value of zDistMethod is 'BaseWlm', this field contains the proportion of the workload that is expected to use zIIP processors.
zSWProcXcostZaap	INT	1	(IBM name: N/A) When the value of zDistMethod is 'ServerWlm', this field contains the crossover cost of running the targeted zAAP workload on a conventional processor instead of the zAAP processor.
zSWProcXcostZiip	INT	1	(IBM name: N/A) When the value of zDistMethod is 'ServerWlm', this field contains the crossover cost of running the targeted zIIP workload on a conventional processor instead of the zIIP processor.
zSWIWeighting	INT	1	(IBM name: N/A) When the value of zDistMethod is 'ServerWlm', this field contains the weighting factor WLM uses when comparing displaceable capacity at different importance levels (IL's) as it determines a SERVERWLM recommendation for each system.
zWADestipWeight	INT	1	(IBM name: N/A) When the value of zDistMethod is 'WeightedActive', this field contains the weight used by the distributor to determine the proportion of active connections on this target.
zOptLocalValue	INT	1	(IBM name: N/A) If flag 'OptLocal' is set, this field contains the OPTLOCAL value.
zBackupRank	INT	1	(IBM name: N/A) When the flag 'SrvTypeBackup' is set, this field contains the rank of the backup server.
zTimedAffinity	INT	2	(IBM name: N/A) The number of seconds during which connection requests from a client are routed to the same target server. This value is valid only if the 'Optlocal' flag is not set.
zControlPortNum	INT	2	(IBM name: N/A) If flag 'Tier1' is set, this field contains the destination port number to be used when establishing a control connection to the Tier1 target.
zDistPortNum	INT	2	(IBM name: N/A) If flag 'Port' is set, this field contains the port number for one of the distributed ports.
zTierGroupName	CHAR	16	(IBM name: N/A) If either flag 'Tier1' or flag 'Tier2' is set, this field contains the group name.
zDist	IPADDRESS	16	(IBM name: N/A) If the 'IPv6' flag is not set, this field contains the IPv4 distributed DVIPA IP address. If the 'IPv6' flag is set, this field contains the IPv6 distributed DVIPA interface name.
zDestIP	IPADDRESS	16	(IBM name: N/A) If the flag DestipAll is not set, this field contains one of the destinations to which connections requests are sent. If the IPv6 flag is set, this field contains an IPv6 IP address, otherwise it contains an IPv4 IP address. The address is one of the following values: 1. If the 'Tier1Gre' flag is not set, a dynamic XCF IP address to a target stack. 2. If the 'Tier1GRE' flag is set, a non- z/OS target's IP address.

Secondary segment: **SMF119#04_Default_address_selection_policy**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF119#04_Default_address_selection_policy.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) DASP eyecatcher.
zPrefix	IPADDRESS	16	(IBM name: N/A) IPv6 address prefix.
zPfxLen	INT	1	(IBM name: N/A) IPv6 prefix length.
zPrecedence	INT	2	(IBM name: N/A) Policy precedence.
zLabel	INT	2	(IBM name: N/A) Policy label.

Record Type 119 Subtype 5 - TCP/IP Statistics

Primary Segment:

- [SMF119#05_TCPIP_Statistics](#)

Secondary Segment(s): 8 (in alphabetical order)

- [SMF119#05_Identification](#)
- [SMF119#05_ICMP_statistics](#)
- [SMF119#05_IP_statistics](#)
- [SMF119#05_IPv6_ICMP_statistics](#)
- [SMF119#05_IPv6_IP_statistics](#)
- [SMF119#05_Storage_statistics](#)
- [SMF119#05_TCP_statistics](#)
- [SMF119#05_UDP_statistics](#)

Primary segment: [SMF119#05_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#05_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#05_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#05_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to IPv4 IP statistics section.
z1Len	INT	2	(IBM name: N/A) Length of IPv4 IP statistics section.
z1Num	INT	2	(IBM name: N/A) Number of IPv4 IP statistics sections.
z2Off	INT	4	(IBM name: N/A) Offset to TCP statistics section.
z2Len	INT	2	(IBM name: N/A) Length of TCP statistics section.
z2Num	INT	2	(IBM name: N/A) Number of TCP statistics sections.

z3Off	INT	4	(IBM name: N/A) Offset to UDP statistics section.
z3Len	INT	2	(IBM name: N/A) Length of UDP statistics section.
z3Num	INT	2	(IBM name: N/A) Number of UDP statistics sections.
z4Off	INT	4	(IBM name: N/A) Offset to IPv4 ICMP statistics section.
z4Len	INT	2	(IBM name: N/A) Length of IPv4 ICMP statistics section.
z4Num	INT	2	(IBM name: N/A) Number of IPv4 ICMP statistics sections.
z5Off	INT	4	(IBM name: N/A) Offset to IPv6 IP statistics section.
z5Len	INT	2	(IBM name: N/A) Length of IPv6 IP statistics section.
z5Num	INT	2	(IBM name: N/A) Number of IPv6 IP statistics sections.
z6Off	INT	4	(IBM name: N/A) Offset to IPv6 ICMP statistics section.
z6Len	INT	2	(IBM name: N/A) Length of IPv6 ICMP statistics section.
z6Num	INT	2	(IBM name: N/A) Number of IPv6 ICMP statistics sections.
z7Off	INT	4	(IBM name: N/A) Offset to storage statistics section.
z7Len	INT	2	(IBM name: N/A) Length of storage statistics section.
z7Num	INT	2	(IBM name: N/A) Number of storage statistics sections.

Secondary segment: **SMF119#05_Identification**

Field Name	Type	Len	Description
<i>SMF119#05_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int =>

			Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119T1_RecordID) ID value for correlating records.

Secondary segment: **SMF119#05_IP_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_IP_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zRecData	INT	4	(IBM name: N/A) Number of datagrams received.
zDscData	INT	4	(IBM name: N/A) Number of input datagrams discarded due to errors in their IP headers.
zDscDAddr	INT	4	(IBM name: N/A) Number of input datagrams discarded because the IP address in their IP header's destination field was not valid.
zAttFwdData	INT	4	(IBM name: N/A) Number of attempts to forward datagrams.
zDscDUnkPr	INT	4	(IBM name: N/A) Number of datagrams discarded because of an unknown or unsupported protocol.
zDscDOth	INT	4	(IBM name: N/A) Number of input datagrams discarded that are not accounted for in another input discard counter.
zDlvData	INT	4	(IBM name: N/A) Number of datagrams delivered.
zXData	INT	4	(IBM name: N/A) Number of datagrams transmitted.
zXDscOth	INT	4	(IBM name: N/A) Number of outbound transmitted datagrams discarded, due to reasons other than no route being available.
zXDscRoute	INT	4	(IBM name: N/A) Number of outbound transmitted datagrams discarded, due to no route being available.
zTimeouts	INT	4	(IBM name: N/A) Number of reassembly timeouts.
zRecDRsbm	INT	4	(IBM name: N/A) Number of received datagrams requiring assembly.
zRsmb	INT	4	(IBM name: N/A) Number of datagrams reassembled.
zFailRsmb	INT	4	(IBM name: N/A) Number of failed reassembly attempts.
zRecFgmt	INT	4	(IBM name: N/A) Number of fragmented datagrams received.
zDscDFgmt	INT	4	(IBM name: N/A) Number of discarded datagrams due to fragmentation failures.
zXFgmt	INT	4	(IBM name: N/A) Number of fragments generated.
zRouteDisc	INT	4	(IBM name: N/A) Number of routing discards.

zMaxRsemb	INT	4	(IBM name: N/A) Maximum active number of reassemblies.
zCurRsemb	INT	4	(IBM name: N/A) Number of currently active reassemblies.
zRsembFlags	INT	4	(IBM name: N/A) Reassembly flags.
zInCalls	INT	4	(IBM name: N/A) Number of inbound calls from device layer.
zInUerrs	INT	4	(IBM name: N/A) Number of received frame unpacking.
zIDMem	INT	4	(IBM name: N/A) Number of discarded datagrams, due to memory shortages.
zODSync	INT	4	(IBM name: N/A) Number of transmitted datagrams discarded, due to Sync errors.
zODAsyn	INT	4	(IBM name: N/A) Number of transmitted datagrams discarded, due to Async errors.
zODMem	INT	4	(IBM name: N/A) Number of transmitted datagrams discarded due to memory shortages.

Secondary segment: **SMF119#05_TCP_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_TCP_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zAlg	INT	4	(IBM name: N/A) Retransmission algorithm.
zMinRet	INT	4	(IBM name: N/A) Minimum retransmission time, in milliseconds.
zMxRet	INT	4	(IBM name: N/A) Maximum retransmission time, in milliseconds.
zMxCon	INT	4	(IBM name: N/A) Maximum TCP connections.
zOpenConn	INT	4	(IBM name: N/A) Number of active open connections, including active open connections across SMC links.
zPassConn	INT	4	(IBM name: N/A) Number of passive open connections, including passive open connections across SMC links.
zOFails	INT	4	(IBM name: N/A) Number of open connection failures.
zConReset	INT	4	(IBM name: N/A) Number of connection resets, including resets for connections across SMC links.
zEstab	INT	4	(IBM name: N/A) Number of current establishments, including establishments for connections across SMC links.
zInSegs	INT	4	(IBM name: N/A) Number of input TCP segments, including input TCP segments for connections across SMC links.
zOSegs	INT	4	(IBM name: N/A) Number of output TCP segments, including output TCP segments for connections across SMC links.
zRxSegs	INT	4	

			(IBM name: N/A) Number of retransmitted segments.
zInErrs	INT	4	(IBM name: N/A) Number of input errors.
zReset	INT	4	(IBM name: N/A) Number of resets sent, including resets for connections across SMC links.
zConCls	INT	4	(IBM name: N/A) Number of TCP connections closed, including connections across SMC links.
zConAttD	INT	4	(IBM name: N/A) Number of TCP connection attempts discarded.
zTWRef	INT	4	(IBM name: N/A) Number of TCP Timewait connections assassinated.
zHOKAck	INT	4	(IBM name: N/A) Number of header predictions (OK for ACK).
zHOKDat	INT	4	(IBM name: N/A) Number of header predictions (OK for Data).
zIDupAck	INT	4	(IBM name: N/A) Number of duplicate ACKs received.
zDscChecksum	INT	4	(IBM name: N/A) Number of received packets discarded due to bad checksum values.
zDscLen	INT	4	(IBM name: N/A) Number of received packets discarded due to bad header length.
zDscInsData	INT	4	(IBM name: N/A) Number of received packets discarded due to insufficient data.
zDscOldTime	INT	4	(IBM name: N/A) Number of received packets discarded due to old timestamp information.
zICmpDupSeg	INT	4	(IBM name: N/A) Number of received complete duplicate segments.
zIPartDupSeg	INT	4	(IBM name: N/A) Number of received partial duplicate segments.
zICmpSegsWin	INT	4	(IBM name: N/A) Number of complete segments received after window closure.
zIPartSegsWin	INT	4	(IBM name: N/A) Number of partial segments received after window closure.
zIOOrder	INT	4	(IBM name: N/A) Number of out-of-order segments received.
zISegCls	INT	4	(IBM name: N/A) Number of segments received after the TCP connection closed.
zIWinPr	INT	4	(IBM name: N/A) Number of received window probes.
zIWinUp	INT	4	(IBM name: N/A) Number of received window updates.
zOWinPr	INT	4	(IBM name: N/A) Number of transmitted window probes.
zOWinUp	INT	4	(IBM name: N/A) Number of transmitted window updates.
zODIAck	INT	4	(IBM name: N/A) Number of transmitted delayed ACKs.
zOKApr	INT	4	(IBM name: N/A) Number of transmitted keepalive probes, including keepalive probes sent on the TCP path for connections across SMC links.
zRxTim	INT	4	(IBM name: N/A) Number of retransmitted timeouts.
zRxMTU	INT	4	(IBM name: N/A) Number of retransmitted Path MTU discovery packets.

zPathM	INT	4	(IBM name: N/A) Number of Path MTUs beyond retransmit limit.
zDropPr	INT	4	(IBM name: N/A) Number of TCP connections dropped due to probes.
zDropKA	INT	4	(IBM name: N/A) Number of TCP connections dropped by KeepAlive, including connections across SMC links.
zDropF2	INT	4	(IBM name: N/A) Number of TCP connections dropped because the FINWAIT2 timer expired before receiving FIN segments, including connections across SMC links.
zDropRx	INT	4	(IBM name: N/A) Number of TCP connections dropped due to retransmits.
zEphPortExh	INT	4	(IBM name: N/A) Number of bind() requests that failed because no TCP ephemeral ports were available.
zEphPortAvail	INT	2	(IBM name: N/A) Number of available TCP ephemeral ports.
zEphPortInUse	INT	2	(IBM name: N/A) Number of TCP ephemeral ports currently in use.
zEphPortMxUse	INT	2	(IBM name: N/A) Maximum number of TCP ephemeral ports that are used.
zCRCurrEstabLnks	INT	4	(IBM name: N/A) Number of current active SMC-R links.
zCRLnkActTimeOut	INT	4	(IBM name: N/A) Number of SMC-R link activation attempts for which a timeout occurred.
zCRActLnkOpened	INT	4	(IBM name: N/A) Number of active SMC-R links that have been opened.
zCRPasLnkOpened	INT	4	(IBM name: N/A) Number of passive SMC-R links that have been opened.
zCRLnksClosed	INT	4	(IBM name: N/A) Number of SMC-R links that have been closed.
zCRCurrEstab	INT	4	(IBM name: N/A) Current number of TCP connections that are across SMC-R links.
zCRActiveOpened	INT	4	(IBM name: N/A) Number of active TCP connections that have been opened across SMC-R links.
zCRPassiveOpened	INT	4	(IBM name: N/A) Number of passive TCP connections that have been opened across SMC-R links.
zCRConnClosed	INT	4	(IBM name: N/A) Number of closed TCP connections that were across SMC-R links.
zCRInSegs	INT	8	(IBM name: N/A) Number of SMC-R inbound write operations.
zCROutSegs	INT	8	(IBM name: N/A) Number of SMC-R outbound write operations.
zCRInRsts	INT	4	(IBM name: N/A) Number of SMC-R inbound write operations that contained the abnormal close flag.
zCROutRsts	INT	4	(IBM name: N/A) Number of SMC-R outbound write operations that contained the abnormal close flag.
zCDCurrEstabLnks	INT	4	(IBM name: N/A) Number of current active SMC-D links.
zCDActLnkOpened	INT	4	(IBM name: N/A) Number of active SMC-D links that have been opened.
zCDPasLnkOpened	INT	4	(IBM name: N/A) Number of passive SMC-D links that have been opened.
zCDLnksClosed	INT	4	

			(IBM name: N/A) Number of SMC-D links that have been closed.
zCDCurrEstab	INT	4	(IBM name: N/A) Current number of TCP connections that are across SMC-D links.
zCDActiveOpened	INT	4	(IBM name: N/A) Number of active TCP connections that have been opened across SMC-D links.
zCDPassiveOpened	INT	4	(IBM name: N/A) Number of passive TCP connections that have been opened across SMC-D links.
zCDConnClosed	INT	4	(IBM name: N/A) Number of closed TCP connections that were across SMC-D links.
zCDInSegs	INT	8	(IBM name: N/A) Number of SMC-D inbound write operations.
zCDOutSegs	INT	8	(IBM name: N/A) Number of SMC-D outbound write operations.
zCDInRsts	INT	4	(IBM name: N/A) Number of SMC-D inbound write operations that contained the abnormal close flag.
zCDOutRsts	INT	4	(IBM name: N/A) Number of SMC-D outbound write operations that contained the abnormal close flag.

Secondary segment: **SMF119#05_UDP_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_UDP_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zRecData	INT	8	(IBM name: N/A) Number of UDP datagrams received.
zRecNoPort	INT	4	(IBM name: N/A) Number of UDP datagrams received with no port defined.
zNoRec	INT	4	(IBM name: N/A) Number of other UDP datagrams not received.
zXmtData	INT	8	(IBM name: N/A) Number of UDP datagrams sent.
zEphPortExh	INT	4	(IBM name: N/A) Number of bind() requests that failed because no UDP ephemeral ports were available.
zEphPortAvail	INT	2	(IBM name: N/A) Number of available UDP ephemeral ports.
zEphPortInUse	INT	2	(IBM name: N/A) Number of UDP ephemeral ports currently in use.
zEphPortMxUse	INT	2	(IBM name: N/A) Maximum number of UDP ephemeral ports that are used.

Secondary segment: **SMF119#05_ICMP_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_ICMP_statistics.<fieldname></i>			

zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zInMsg	INT	4	(IBM name: N/A) Number of inbound ICMP messages.
zInError	INT	4	(IBM name: N/A) Number of inbound ICMP error messages.
zInDstUnreach	INT	4	(IBM name: N/A) Number of inbound ICMP destination unreachable messages.
zInTimeExcd	INT	4	(IBM name: N/A) Number of inbound ICMP time exceeded messages.
zInParmProb	INT	4	(IBM name: N/A) Number of inbound ICMP parameter problem messages.
zInSrcQuench	INT	4	(IBM name: N/A) Number of inbound ICMP source quench messages.
zInRedirect	INT	4	(IBM name: N/A) Number of inbound ICMP redirect messages.
zInEcho	INT	4	(IBM name: N/A) Number of inbound ICMP echo request messages.
zInEchoRep	INT	4	(IBM name: N/A) Number of inbound ICMP echo reply messages.
zInTstamp	INT	4	(IBM name: N/A) Number of inbound ICMP timestamp request messages.
zInTstampRep	INT	4	(IBM name: N/A) Number of inbound ICMP timestamp reply messages.
zInAddrMask	INT	4	(IBM name: N/A) Number of inbound ICMP address mask request messages.
zInAddrMRep	INT	4	(IBM name: N/A) Number of inbound ICMP address mask reply messages.
zOutMsg	INT	4	(IBM name: N/A) Number of outbound ICMP messages.
zOutError	INT	4	(IBM name: N/A) Number of outbound ICMP error messages.
zOutDstUnreach	INT	4	(IBM name: N/A) Number of outbound ICMP destination unreachable messages.
zOutTimeExcd	INT	4	(IBM name: N/A) Number of outbound ICMP time exceeded messages.
zOutParmProb	INT	4	(IBM name: N/A) Number of outbound ICMP parameter problem messages.
zOutSrcQuench	INT	4	(IBM name: N/A) Number of outbound ICMP source quench messages.
zOutRedirect	INT	4	(IBM name: N/A) Number of outbound ICMP redirect messages.
zOutEcho	INT	4	(IBM name: N/A) Number of outbound ICMP echo request messages.
zOutEchoRep	INT	4	(IBM name: N/A) Number of outbound ICMP echo reply messages.
zOutTstamp	INT	4	(IBM name: N/A) Number of outbound ICMP timestamp request messages.
zOutTstampRep	INT	4	(IBM name: N/A) Number of outbound ICMP timestamp reply messages.
zOutAddrMask	INT	4	(IBM name: N/A) Number of outbound ICMP address mask request messages.
zOutAddrMRep	INT	4	(IBM name: N/A) Number of outbound ICMP address mask reply messages.

Secondary segment: **SMF119#05_IPv6_IP_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_IPv6_IP_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zRecData	INT	4	(IBM name: N/A) Number of IPv6 datagrams received.
zDscData	INT	4	(IBM name: N/A) Number of input IPv6 datagrams discarded due to errors in their IP header.
zDscAddr	INT	4	(IBM name: N/A) Number of input IPv6 datagrams discarded because the IP address in their IP header's destination field was not valid.
zAttFwdData	INT	4	(IBM name: N/A) Number of attempts to forward IPv6 datagrams.
zDscDUnkPr	INT	4	(IBM name: N/A) Number of IPv6 datagrams discarded because of an unknown or unsupported protocol.
zDscDOth	INT	4	(IBM name: N/A) Number of input IPv6 datagrams discarded that are not accounted for in another input discard counter.
zDlvData	INT	4	(IBM name: N/A) Number of IPv6 datagrams delivered.
zXData	INT	4	(IBM name: N/A) Number of IPv6 datagrams transmitted.
zXDscOth	INT	4	(IBM name: N/A) Number of IPv6 outbound datagrams discarded, due to reasons other than no route being available.
zXDscRoute	INT	4	(IBM name: N/A) Number of IPv6 outbound datagrams discarded, due to no route being available.
zTimeouts	INT	4	(IBM name: N/A) Number of IPv6 reassembly timeouts.
zRecDRsmb	INT	4	(IBM name: N/A) Number of received IPv6 datagrams requiring reassembly.
zRsmb	INT	4	(IBM name: N/A) Number of received IPv6 datagrams reassembled.
zFailRsmb	INT	4	(IBM name: N/A) Number of failed reassembly attempts on IPv6 datagrams.
zRecFgmt	INT	4	(IBM name: N/A) Number of fragmented IPv6 datagrams received.
zDscDFgmt	INT	4	(IBM name: N/A) Number of IPv6 datagrams discarded due to fragmentation failure.
zXFgmt	INT	4	(IBM name: N/A) Number of IPv6 datagram fragments generated.
zRouteDisc	INT	4	(IBM name: N/A) Number of IPv6 routing discards.

Secondary segment: **SMF119#05_IPv6_ICMP_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_IPv6_ICMP_statistics.<fieldname></i>			

zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zInMsg	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP messages.
zInError	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP error messages.
zInDstUnreach	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP destination unreachable messages.
zInTimeExcd	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP time exceeded messages.
zInParmProb	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP parameter problem messages.
zInAdmProhib	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP administratively prohibited messages.
zInPktTooBig	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP packet too big messages.
zInEcho	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP echo request messages.
zInEchoRep	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP echo reply messages.
zInRtSolicit	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP router solicitation messages.
zInRtAdv	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP router advertisement messages.
zInNbSolicit	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP neighbor solicitation messages.
zInNbAdv	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP neighbor advertisement messages.
zInRedirect	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP redirect messages.
zInGrpMemQry	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP multicast listener discovery membership query messages.
zInGrpMemRsp	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP multicast listener discovery membership reply messages.
zInGrpMemRed	INT	4	(IBM name: N/A) Number of inbound IPv6 ICMP multicast listener discovery membership reduction messages.
zOutMsg	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP messages.
zOutError	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP error messages.
zOutDstUnrch	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP destination unreachable messages.
zOutTimeExcd	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP time exceeded messages.
zOutParmProb	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP parameter problem messages.
zOutAdmProhib	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP administratively prohibited messages.
zOutPktTooBig	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP packet too big messages.
zOutEcho	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP echo request messages.
zOutEchoRep	INT	4	

			(IBM name: N/A) Number of outbound IPv6 ICMP echo reply messages.
zOutRtSolicit	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP router solicitation messages.
zOutRtAdv	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP router advertisement messages.
zOutNbSolicit	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP neighbor solicitation messages.
zOutNbAdv	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP neighbor advertisement messages.
zOutRedirect	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP redirect messages.
zOutGrpMemQry	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP multicast listener discovery membership query messages.
zOutGrpMemRsp	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP multicast listener discovery membership report messages.
zOutGrpMemRed	INT	4	(IBM name: N/A) Number of outbound IPv6 ICMP multicast listener discovery membership reduction messages.

Secondary segment: **SMF119#05_Storage_statistics**

Field Name	Type	Len	Description
<i>SMF119#05_Storage_statistics.<fieldname></i>			
zECSACurrent	INT	8	(IBM name: N/A) Current number of ECSA storage bytes allocated.
zECSAFree	INT	8	(IBM name: N/A) Current number of ECSA storage bytes allocated but not in use.
zPrivateCurrent	INT	8	(IBM name: N/A) Current number of authorized private subpool storage bytes allocated.
zPrivateFree	INT	8	(IBM name: N/A) Current number of authorized private subpool storage bytes allocated but not in use.
zSMCRFixedCurrent	INT	8	(IBM name: N/A) Current amount of fixed 64-bit storage bytes allocated for SMC-R.
zSMCRFixedMax	INT	8	(IBM name: N/A) Maximum amount of fixed 64-bit storage bytes ever allocated for SMC-R.
zSMCRSendCurrent	INT	8	(IBM name: N/A) Current amount of fixed 64-bit storage bytes allocated for SMC-R outbound processing.
zSMCRSendMax	INT	8	(IBM name: N/A) Maximum amount of fixed 64-bit storage bytes ever allocated for SMC-R outbound processing.
zSMCRRecvCurrent	INT	8	(IBM name: N/A) Current amount of fixed 64-bit storage bytes allocated for SMC-R inbound processing.
zSMCRRecvMax	INT	8	(IBM name: N/A) Maximum amount of fixed 64-bit storage bytes ever allocated for SMC-R inbound processing.
zSMCDFixedCurrent	INT	8	(IBM name: N/A) Current amount of fixed 64-bit storage bytes allocated for SMC-D.
zSMCDFixedMax	INT	8	(IBM name: N/A) Maximum amount of fixed 64-bit storage bytes ever allocated for SMC-D.

Record Type 119 Subtype 6 - Interface Statistics

Primary Segment:

- [SMF119#06_TCPIP_Statistics](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF119#06_HOME_IP_Address](#)
- [SMF119#06_Identification](#)
- [SMF119#06_Interface_statistics](#)

Primary segment: [SMF119#06_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#06_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#06_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#06_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first interface section.
z1Len	INT	2	(IBM name: N/A) Length of each interface section.
z1Num	INT	2	(IBM name: N/A) Number of interface sections.
z2Off	INT	4	(IBM name: N/A) Offset to first IPv6 additional HOME IP address section.
z2Len	INT	2	(IBM name: N/A) Length of each IPv6 additional HOME IP address section.
z2Num	INT	2	(IBM name: N/A) Number of IPv6 additional HOME IP address sections.

Secondary segment: SMF119#06_Identification

Field Name	Type	Len	Description
<i>SMF119#06_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#06_Interface_statistics

Field Name	Type	Len	Description
<i>SMF119#06_Interface_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zLnkHome	IPADDRESS	16	(IBM name: N/A) Interface HOME address. For IPv6 interfaces, additional addresses might be specified in subsequent HOME IP address sections.
zName	CHAR	16	(IBM name: N/A) Link or interface name.
zDevName	CHAR	16	(IBM name: N/A) Device name.
zDesc	CHAR	18	(IBM name: N/A) Interface Description (TCPIP PROFILE keyword for LINK or INTERFACE type.) Possible values include: v ATM v CDLC v CTC v ETHERnet v ETHEROR802.3 v FDDI v HCH v IBMTR v IP v IPAQENET v IPAQIDIO v IPAQTR v MPCPTP v OSAENET v OSAFDDI v SAMEHOST v Unknown v 802.3 v IPAQENET6 v IPAQIDIO6 v MPCPTP6 v IPAQIQDX v IPAQIQDX6 v IPAQIQDC v IPAQIQDC6.

SMF119#06_Interface_statistics.zFlags.<fieldname>

SMCRConf	BIT	1	SMCR configured.
PNetid	BIT	1	PNetID provided.
SMCDConf	BIT	1	SMCD configured.

IQDC	BIT	1	IQDC flag.
SMF119#06_Interface_statistics.<fieldname>			
zActualMtu	INT	4	(IBM name: N/A) MTU size.
zSPeed	INT	4	(IBM name: N/A) Speed Guideline: If the interface speed exceeds X'FFFFFFFF', then this field contains X'FFFFFFFF'. If this field contains X'FFFFFFFF', then use the zHSpeed field to determine the interface speed.
zHSpeed	INT	4	(IBM name: N/A) HSpeed.
zInBytes	INT	8	(IBM name: N/A) Number of inbound bytes.
zInUniC	INT	8	(IBM name: N/A) Number of inbound unicast packets.
zInBroadC	INT	8	(IBM name: N/A) Number of inbound broadcast packets.
zInMultiC	INT	8	(IBM name: N/A) Number of inbound multicast packets.
zInDisc	INT	4	(IBM name: N/A) Number of inbound discarded packets.
zInError	INT	4	(IBM name: N/A) Number of inbound packets in error.
zInUProt	INT	4	(IBM name: N/A) Number of inbound packets with unknown protocol.
zOutBytes	INT	8	(IBM name: N/A) Number of outbound bytes.
zOutUniC	INT	8	(IBM name: N/A) Number of outbound unicast packets.
zOutBroadC	INT	8	(IBM name: N/A) Number of outbound broadcast packets.
zOutMultiC	INT	8	(IBM name: N/A) Number of outbound multicast packets.
zOutDisc	INT	4	(IBM name: N/A) Number of outbound discarded packets.
zOutError	INT	4	(IBM name: N/A) Number of outbound packets in error.
zOQL	INT	4	(IBM name: N/A) Current output queue length.
zIQDName	CHAR	16	(IBM name: N/A) For IPAQENET and IPAQENET6 interfaces that are defined with CHPIDTYPE OSX and with an associated IQDX interface, this field is the associated IQDX interface name. For IPAQENET and IPAQENET6 interfaces that are defined with CHPIDTYPE OSD and with an associated IQDC interface, this field is the associated IQDC interface name (IQDC is on.) Otherwise, this field is blank and the following four counters are not valid.
zInIQDBytes	INT	8	(IBM name: N/A) Number of inbound bytes that were received over the associated IQDX interface. Number of inbound bytes that were received over the associated IQDC interface (IQDC is on.) This field is valid only if the zIQDName field is not blank.
zInIQDUniC	INT	8	(IBM name: N/A) Number of inbound unicast packets that were received over the associated IQDX interface. Number of inbound unicast packets that were received over the associated IQDC interface (IQDC is on.) This field is valid only if the zIQDName/zIQDName field is not blank.
zOutIQDBytes	INT	8	(IBM name: N/A) Number of outbound bytes that were sent over the associated IQDX interface. Number of outbound bytes that were sent over the associated

			IQDC interface (IQDC is on.) This field is valid only if the zIQDName/zIQDName field is not blank.
zOutIQDUniC	INT	8	(IBM name: N/A) Number of outbound unicast packets that were sent over the associated IQDX interface. Number of outbound unicast packets that were sent over the associated IQDC interface (IQDC is on.) This field is valid only if the zIQDName/zIQDName field is not blank.
zPNetID	CHAR	16	(IBM name: N/A) Physical network ID. This field is valid for IPAQIDIO, IPAQIDIO6, IPAQENET, and IPAQENET6 interfaces that are active for Shared Memory Communications.

Secondary segment: **SMF119#06_HOME_IP_Address**

Field Name	Type	Len	Description
<i>SMF119#06_HOME_IP_Address.<fieldname></i>			
zAddIntfName	CHAR	16	(IBM name: N/A) Interface name, used to correlate this additional address to the interface statistics record in Table 192 on page 817.
zAddIntfHome	IPADDRESS	16	(IBM name: N/A) Additional interface HOME address.

Record Type 119 Subtype 7 - Server Port Statistics

Primary Segment:

- SMF119#07_TCPIP_Statistics

Secondary Segment(s): 3 (in alphabetical order)

- SMF119#07_Identification
- SMF119#07_TCP_server_port_statistics
- SMF119#07_UDP_server_port_statistics

Primary segment: SMF119#07_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#07_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#07_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#07_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first TCP server port section.
z1Len	INT	2	(IBM name: N/A) Length of each TCP server port section.
z1Num	INT	2	(IBM name: N/A) Number of TCP server port sections.
z2Off	INT	4	(IBM name: N/A) Offset to first UDP server port section.
z2Len	INT	2	(IBM name: N/A) Length of each UDP server port section.
z2Num	INT	2	(IBM name: N/A) Number of UDP server port sections.

Secondary segment: SMF119#07_Identification

Field Name	Type	Len	Description
<i>SMF119#07_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#07_TCP_server_port_statistics

Field Name	Type	Len	Description
<i>SMF119#07_TCP_server_port_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval in microseconds, where bit 51 is equivalent to one microsecond.
zRName	CHAR	8	(IBM name: N/A) Server socket resource name (the name specified on the PORT reservation statement).
zBindIP	IPADDRESS	16	(IBM name: N/A) For bind-specific port reservations: the local IP address.
zPort	INT	2	(IBM name: N/A) Port number.
zConn	INT	4	(IBM name: N/A) Number of successful connection establishments.
zBinds	INT	4	(IBM name: N/A) Number of socket binds to this port reservation.
zBusySrv	INT	4	(IBM name: N/A) Number of connection requests rejected due to server Busy conditions.
zSynAttack	INT	4	(IBM name: N/A) Number of connection requests rejected due to SYN Attack detect conditions.
zHighwater	INT	4	(IBM name: N/A) Highest number of active TCP connections.

zNumConns	INT	4	(IBM name: N/A) Number of active TCP connections.
-----------	-----	---	--

Secondary segment: SMF119#07_UDP_server_port_statistics

Field Name	Type	Len	Description
<i>SMF119#07_UDP_server_port_statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of recording interval.
zRName	CHAR	8	(IBM name: N/A) Server socket resource name (the name specified on the PORT reservation statement).
zBindIP	IPADDRESS	16	(IBM name: N/A) For bind-specific port reservations: the local IP address.
zPort	INT	2	(IBM name: N/A) Port number.
zIDgrams	INT	8	(IBM name: N/A) Number of inbound UDP datagrams to server port.
zODgrams	INT	8	(IBM name: N/A) Number of outbound UDP datagrams from server port.
zIBytes	INT	8	(IBM name: N/A) Number of inbound bytes.
zOBytes	INT	8	(IBM name: N/A) Number of outbound bytes.

Record Type 119 Subtype 8 - TCP/IP Stack start/stop**Primary Segment:**

- SMF119#08_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#08_Identification
- SMF119#08_TCP_IP_stack_start_stop

Primary segment: SMF119#08_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#08_TCPIP_Statistics.<fieldname></i>			
SMF119#08_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

SMF119#08_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to TCP/IP start/stop section.
z1Len	INT	2	(IBM name: N/A) Length of TCP/IP start/stop section.
z1Num	INT	2	(IBM name: N/A) Number of TCP/IP start/stop sections.

Secondary segment: SMF119#08_Identification

Field Name	Type	Len	Description
<i>SMF119#08_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#08_TCP_IP_stack_start_stop

Field Name	Type	Len	Description
<i>SMF119#08_TCP_IP_stack_start_stop.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Event type.

<i>SMF119#08_TCP_IP_stack_start_stop.zFlags.<fieldname></i>			
IPv6	BIT	1	IPv6 supported on this stack.
IPSECconf	BIT	1	IPSEC configured on this stack.
IPSEC6conf	BIT	1	IPSEC6 configured on this stack.

<i>SMF119#08_TCP_IP_stack_start_stop.<fieldname></i>			
zTime	TSTMP	8	(IBM name: N/A) Stack startup or termination time & date.
zECSAMax	INT	8	(IBM name: N/A) Maximum number of ECSA storage bytes allocated since the TCP/IP stack was started.
zECSALimit	INT	8	(IBM name: N/A) Maximum number of ECSA storage bytes allowed, as specified on the GLOBALCONFIG statement in the TCP/IP profile. The value 0 indicates that there is no limit.
zPrivateMax	INT	8	(IBM name: N/A) Maximum number of authorized private subpool storage bytes allocated since the TCP/IP stack was started.
zPrivateLimit	INT	8	(IBM name: N/A) Maximum number of authorized private subpool storage bytes allowed, as specified on the GLOBALCONFIG statement in the TCP/IP profile. The value 0 indicates that there is no limit.

Record Type 119 Subtype 10 - UDP Socket Close**Primary Segment:**

- SMF119#10_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#10_Identification
- SMF119#10_UDP_socket_close

Primary segment: SMF119#10_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#10_TCPIP_Statistics.<fieldname></i>			
SMF119#10_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#10_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to UDP socket close section.
z1Len	INT	2	(IBM name: N/A) Length of UDP socket close section.
z1Num	INT	2	(IBM name: N/A) Number of UDP socket close sections.

Secondary segment: SMF119#10_Identification

Field Name	Type	Len	Description
<i>SMF119#10_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#10_UDP_socket_close**

Field Name	Type	Len	Description
<i>SMF119#10_UDP_socket_close.<fieldname></i>			
zRname	CHAR	8	(IBM name: N/A) UDP socket resource name (address space name of address space that opens this socket).
zConnID	INT	4	(IBM name: N/A) UDP socket resource ID (connection ID).
zSubTask	INT	4	(IBM name: N/A) Subtask ID. This is the task TCB for the task owning the socket.
zOTime	TSTMP	8	(IBM name: N/A) Socket open time & date.
zCTime	TSTMP	8	(IBM name: N/A) Socket close time & date.
zRIP	IPADDRESS	16	(IBM name: N/A) Remote IP of last datagram received on socket.
zLIP	IPADDRESS	16	(IBM name: N/A) Local IP address at time of socket close.
zRPort	INT	2	(IBM name: N/A) Remote port of last datagram received on socket.
zLPort	INT	2	(IBM name: N/A) Local port number at time of socket close.
zType	INT (ENUM)	1	(IBM name: N/A) UDP Socket Type. NonEE => Standard, EE => Enterprise Extender.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for socket close. Norm => Normal close, Abnorm => Abnormal close (application error or stack termination).
zInDgrams	INT	8	(IBM name: N/A) Number of inbound UDP datagrams.
zOutDgrams	INT	8	

			(IBM name: N/A) Number of outbound UDP datagrams.
zInBytes	INT	8	(IBM name: N/A) Number of inbound bytes.
zOutBytes	INT	8	(IBM name: N/A) Number of outbound bytes.

Record Type 119 Subtype 11 - zERT Connection Detail

Primary Segment:

- [SMF119#11_TCPIP_Statistics](#)

Secondary Segment(s): 7 (in alphabetical order)

- [SMF119#11_zERT_connection_detail_common](#)
- [SMF119#11_zERT_Distinguished_Name](#)
- [SMF119#11_zERT_IP_filter_specific](#)
- [SMF119#11_zERT_IPSec_attributes](#)
- [SMF119#11_zERT_SSH_protocol_attributes](#)
- [SMF119#11_zERT_TLS_protocol_attributes](#)
- [SMF119#11_Identification](#)

Primary segment: [SMF119#11_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#11_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#11_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#11_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to zERT connection detail common section.
z1Len	INT	2	(IBM name: N/A) Length of zERT connection detail common section.
z1Num	INT	2	(IBM name: N/A) Number of zERT connection detail common section.
z2Off	INT	4	(IBM name: N/A) Offset to IP filter-specific section.
z2Len	INT	2	(IBM name: N/A) Length of IP filter-specific section.
z2Num	INT	2	(IBM name: N/A) Number of IP filter-specific sections.
z3Off	INT	4	

			(IBM name: N/A) Offset to TLS protocol attributes section.
z3Len	INT	2	(IBM name: N/A) Length of TLS protocol attributes section.
z3Num	INT	2	(IBM name: N/A) Number of TLS protocol attributes sections.
z4Off	INT	4	(IBM name: N/A) Offset to SSH protocol attributes section.
z4Len	INT	2	(IBM name: N/A) Length of SSH protocol attributes section.
z4Num	INT	2	(IBM name: N/A) Number of SSH protocol attributes sections.
z5Off	INT	4	(IBM name: N/A) Offset to IPSec protocol attributes section.
z5Len	INT	2	(IBM name: N/A) Length of IPSec protocol attributes section.
z5Num	INT	2	(IBM name: N/A) Number of IPSec protocol attributes sections.
z6Off	INT	4	(IBM name: N/A) Offset to certificate DNs section.
z6Len	INT	2	(IBM name: N/A) Length of certificate DNs section.
z6Num	INT	2	(IBM name: N/A) Number of certificate DNs sections.

Secondary segment: **SMF119#11_Identification**

Field Name	Type	Len	Description
<i>SMF119#11_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#11_zERT_connection_detail_common**

Field Name	Type	Len	Description
SMF119#11_zERT_connection_detail_common.<fieldname>			
zEvent_Type	INT (ENUM)	1	(IBM name: N/A) Event type. 'Init' => Connection initiation. 'Crypto' => Change in cryptographic attributes. 'Term' => Connection termination. 'Short' => Short connection termination (Connection terminates within 10 seconds of being established. No associated Connection initiation record is written.). 'zERTEn' => zERT Enabled (all remaining fields in this section are unused and set to 0). 'zERTDis' => zERT Disabled (all remaining fields in this section are unused and set to 0).
SMF119#11_zERT_connection_detail_common.zSecProtos.<fieldname>			
zTLS	BIT	1	TLS/SSL protocol used for this connection.
zSSH	BIT	1	SSH protocol used for this connection.
zIPSec	BIT	1	IPSec protocol used for this connection.
SMF119#11_zERT_connection_detail_common.zFlags.<fieldname>			
zIPv6	BIT	1	IPv6 connection
zTTLSBypass	BIT	1	AT-TLS cryptographic operations are bypassed for this connection as part of a stack optimization for intra-host connections.
SMF119#11_zERT_connection_detail_common.zSecFlags.<fieldname>			
zIPSec	BIT	1	IP security is enabled
zIPSecIPv6	BIT	1	IPv6 security is enabled
zIPFilt	BIT	1	IP filtering done for connection.
SMF119#11_zERT_connection_detail_common.<fieldname>			
zIPProto	INT (ENUM)	1	(IBM name: N/A) IP Protocol value. TCP => TCP protocol. UDP => UDP protocol.
zJobname	CHAR	8	(IBM name: N/A) Jobname associated with the socket.
zJobID	CHAR	8	(IBM name: N/A) Job ID associated with the socket.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) z/OS user ID associated with the socket.
zSTime	TSTMP	8	(IBM name: N/A) Connection establishment time & date (UTC).
zETime	TSTMP	8	(IBM name: N/A) Connection ended time & date (UTC). Set when zEvent_type is 'Term' or 'Short' connection termination, otherwise 0.
zRIP	IPADDRESS	16	(IBM name: N/A) Remote connection endpoint IP address. If zFlags indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zLIP	IPADDRESS	16	(IBM name: N/A) Local connection endpoint IP address. If zFlags indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zRPort	INT	2	(IBM name: N/A) Remote port.
zLPort	INT	2	(IBM name: N/A) Local port.

zConnID	INT	4	(IBM name: N/A) Transport layer connection ID.
zInBytes	INT	8	(IBM name: N/A) Inbound byte count since connection started.
zOutBytes	INT	8	(IBM name: N/A) Outbound byte count since connection started.
zInSegDG	INT	8	(IBM name: N/A) Inbound TCP segment or UDP datagram count since connection started.
zOutSegDG	INT	8	(IBM name: N/A) Outbound TCP segment or UDP datagram count since connection started.

Secondary segment: SMF119#11_zERT_IP_filter_specific

Field Name	Type	Len	Description
<i>SMF119#11_zERT_IP_filter_specific.<fieldname></i>			
zOutAct	INT (ENUM)	1	(IBM name: N/A) Outbound IP filtering behavior. A change in this attribute causes a protection state change record to be written. 'NoRule' => No associated outbound filter rule. 'Permitted' => Outbound traffic permitted in the clear. 'IPSec' => Outbound traffic permitted with IPSec protection. 'Denied' => Outbound traffic denied.
zInbAct	INT (ENUM)	1	(IBM name: N/A) Inbound IP filtering behavior. A change in this attribute causes a protection state change record to be written. 'NoRule' => No associated inbound filter rule. 'Permitted' => Inbound traffic permitted in the clear. 'IPSec' => Inbound traffic permitted with IPSec protection. 'Denied' => Inbound traffic denied.
zOutRuleName	CHAR	40	(IBM name: N/A) Outbound traffic IP filter rule name (blank if no associated outbound filter rule).
zOutRuleExt	CHAR	8	(IBM name: N/A) Outbound traffic IP filter rule name extension (blank if no associated outbound filter rule or the filter rule has no rule name extension value).
zInRuleName	CHAR	40	(IBM name: N/A) Inbound traffic IP filter rule name (blank if no associated inbound filter rule).
zInRuleExt	CHAR	8	(IBM name: N/A) Inbound traffic IP filter rule name extension (blank if no associated inbound filter rule or the filter rule has no rule name extension value).

Secondary segment: SMF119#11_zERT_TLS_protocol_attributes

Field Name	Type	Len	Description
<i>SMF119#11_zERT_TLS_protocol_attributes.<fieldname></i>			
zProt_Ver	INT (ENUM)	2	(IBM name: N/A) Protocol version. 'Unknown' => Unknown version. 'SSLv2' => SSLv2. 'SSLv3' => SSLv3. 'TLSv1.0' => TLSv1.0. 'TLSv1.1' => TLSv1.1. 'TLSv1.2' => TLSv1.2.
zSource	INT (ENUM)	1	(IBM name: N/A) Source of the TLS/SSL information in this record. 'Observe' => Stream observation. 'Provider' => Cryptographic protocol provider.
zHandshake_Type	INT (ENUM)	1	(IBM name: N/A) Handshake type. 'Full' => Full handshake. 'Abbrev' => Abbreviated handshake.
zHandshake_Role	INT (ENUM)	1	(IBM name: N/A) Local handshake role. 'Unknown' => Unknown. 'Client' => Client. 'Server' => Server. 'SrvCl' => Server with client authentication.

zSession_ID_Len	INT	1	(IBM name: N/A) Length of TLS session ID value in bytes.
zSession_ID	CHAR	32	(IBM name: N/A) TLS session ID (left justified).
zProtocol_Provider	CHAR	16	(IBM name: N/A) Source of the information in this record (padded with trailing blanks): 'Observation': Information was observed by the TCP/IP stack, not supplied by a CPP. This value is used when zSource is set to 1. 'IBM System SSL' : System SSL other values may be added in the future.
zNeg_Cipher	CHAR	6	(IBM name: N/A) Negotiated cipher suite identifier. If the TLS version is SSLv3 or higher, this is a four character value in the first 4 bytes of this field, padded with trailing blanks. Refer to the TLS Cipher Suite registry at http://www.iana.org/assignments/tlsparameters/tls-parameters.xhtml for a complete list of the 4-hexadecimal-character values. If the TLS version is SSLv2, then all 6 bytes are used: '010080': 128-bit RC4 with MD5 '020080': 40-bit RC4 with MD5 '030080': 128-bit RC2 with MD5 '040080': 40-bit RC2 with MD5 '050080': 128-bit IDEA with MD5 '060040': DES with MD5 '0700C0': 3DES with MD5.
zCS_Enc_Algo	INT (ENUM)	2	(IBM name: N/A) The symmetric encryption algorithm used by the cipher suite.
zCS_Msg_Auth	INT (ENUM)	2	(IBM name: N/A) The message authentication algorithm used by the cipher suite.
zCS_Kex_Algo	INT (ENUM)	2	(IBM name: N/A) The key exchange algorithm used by the cipher suite.
zFIPS_Mode	INT (ENUM)	1	(IBM name: N/A) FIPS 140 mode of the TLS/SSL provider. 'OFF' => Not in FIPS 140 mode. 'ON' => FIPS 140 mode is enabled (80-bit strength enforced). 'LVL1' => FIPS 140 mode is enabled at level 1 (synonymous with X'01'). 'LVL2' => FIPS 140 mode is enabled at level 2 (112-bit strength enforced when creating new keys or performing digital signature generation and encryption type operations. Digital signature verification, decryption using 3DES and RSA decryption with 80-bit key lengths allowed when processing already protected information). 'LVL3' => FIPS 140 mode is enabled at level 3 (112 bit or higher strength enforced as defined in NIST SP800-131A.).

SMF119#11_zERT_TLS_protocol_attributes.zCryptoFlags.<fieldname>

zEnc_Then_Mac	BIT	1	Encrypt-then-MAC processing is used.
---------------	-----	---	--------------------------------------

SMF119#11_zERT_TLS_protocol_attributes.<fieldname>

zSCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zSCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate encryption method.
zSCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Server certificate digest algorithm.
zSCert_Serial_Len	INT	1	(IBM name: N/A) Server certificate serial number length in bytes.
zSCert_Serial	HEX	20	(IBM name: N/A) Server certificate serial number, left justified.
zSCert_Time_Type	INT (ENUM)	1	(IBM name: N/A) Format of server certificate 'not after' time. 'UTC' => Coordinated Universal Time (UTC). 'GT' => Generalized Time (GT).
zSCert_Time	CHAR	15	(IBM name: N/A) Server certificate 'not after' time. If the time type is UTC

			(zSCert_Time_Type = 'UTC'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GMT (zSCert_Time_Type = 'GT'), all 15 bytes of this field contain the time in GMT format (YYYYMMDDhhmmssZ).
zSCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Server certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zSCert_Key_Len	INT	2	(IBM name: N/A) Server certificate key length in bits.
zCCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zCCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate encryption method.
zCCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Client certificate digest algorithm.
zCCert_Serial_Len	INT	1	(IBM name: N/A) Client certificate serial number length in bytes.
zCCert_Serial	HEX	20	(IBM name: N/A) Client certificate serial number, left justified.
zCCert_Time_Type	INT (ENUM)	1	(IBM name: N/A) Format of client certificate 'not after' time. 'UTC' => Coordinated Universal Time (UTC). 'GT' => Generalized Time (GT).
zCCert_Time	CHAR	15	(IBM name: N/A) Client certificate 'not after' time. If the time type is UTC (zCCert_Time_Type = 'UTC'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GMT (zCCert_Time_Type = 'GT'), all 15 bytes of this field contain the time in GMT format (YYYYMMDDhhmmssZ).
zCCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Client certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zCCert_Key_Len	INT	2	(IBM name: N/A) Client certificate key length in bits.

Secondary segment: SMF119#11_zERT_SSH_protocol_attributes

Field Name	Type	Len	Description
<i>SMF119#11_zERT_SSH_protocol_attributes.<fieldname></i>			
zProt_Ver	INT (ENUM)	1	(IBM name: N/A) Protocol version. 'SSHv1' => Protocol version 1. 'SSHv2' => Protocol version 2.
zSource	INT (ENUM)	1	(IBM name: N/A) Source of the SSH information in this record. 'Observe' => Stream observation. 'Provider' => Cryptographic protocol provider.
zFIPS_Mode	INT (ENUM)	1	(IBM name: N/A) FIPS 140 mode of the SSH provider. 'OFF' => Not in FIPS 140 mode. 'ON' => FIPS 140 mode is enabled (80-bit strength enforced). 'LVL1' => FIPS 140 mode is enabled at level 1 (synonymous with X'01'). 'LVL2' => FIPS 140 mode is enabled at level 2 (112-bit strength enforced when creating new keys or performing digital signature generation and encryption type

			operations. Digital signature verification, decryption using 3DES and RSA decryption with 80-bit key lengths allowed when processing already protected information). 'LVL3' => FIPS 140 mode is enabled at level 3 (112 bit or higher strength enforced as defined in NIST SP800-131A.).
SMF119#11_zERT_SSH_protocol_attributes.zCryptoFlags.<fieldname>			
zEnc_Then_Mac	BIT	1	Encrypt-then-MAC processing is used.
SMF119#11_zERT_SSH_protocol_attributes.<fieldname>			
zComp	CHAR	8	(IBM name: SMF119TI_Comp) SSH subcomponent (padded with trailing blanks). 'SFTPS' => sftp server, 'SFTPC' => sftp client, 'SCPS' => scp server, 'SCPC' => scp client, 'SSH' => ssh client, 'SSHD' => sshd daemon.
zProtocol_Provider	CHAR	16	(IBM name: N/A) Protocol provider (padded with trailing blanks). 'Observation' => Information was observed by the TCP/IP stack, not supplied by a CPP. (This value is used when zSource is set to 'Observe'.) 'IBM OpenSSH' => z/OS-provided OpenSSH. Other values may be added in the future.
zAuth_Method	INT (ENUM)	2	(IBM name: N/A) First or only peer authentication method used for this connection. 'UNKNOWN' => Unknown. 'NONE' => None. 'PASSWORD' => Password. 'PUBLIC_KEY' => Public key. 'HOST_BASED' => Host-based. 'RHOSTS' => Rhosts. 'RHOSTS_RSA' => RhostsRSA. 'RSA' => RSA. 'KEYB_INT' => Keyboard-interactive. 'CHAL_RESP' => Challenge-response. 'CNTL_SOCKET1' => Control socket 1. 'GSSAPI_MIC' => GSSAPI with MIC. 'GSSAPI_KEX' => GSSAPI Key exchange.
zAuth_Method2	INT (ENUM)	2	(IBM name: N/A) If not 0, the last of multiple authentication methods used for this connection.
zIn_Enc_Alg	INT (ENUM)	2	(IBM name: N/A) Encryption algorithm for inbound traffic.
zIn_Msg_Auth	INT (ENUM)	2	(IBM name: N/A) Message authentication algorithm for inbound traffic.
zKex_Method	INT (ENUM)	2	(IBM name: N/A) Key exchange method.
zOut_Enc_Alg	INT (ENUM)	2	(IBM name: N/A) Encryption algorithm for outbound traffic.
zOut_Msg_Auth	INT (ENUM)	2	(IBM name: N/A) Message authentication algorithm for outbound traffic.
zSKey_Type	INT (ENUM)	2	(IBM name: N/A) Type of raw server key.
zSKey_Len	INT	2	(IBM name: N/A) Length of raw server key in bits.
zCKey_Type	INT (ENUM)	2	(IBM name: N/A) Type of raw client key.
zCKey_Len	INT	2	(IBM name: N/A) Length of raw client key in bits.
zSKey_FPLen	INT	2	(IBM name: N/A) Length (in bytes) of the server public key fingerprint. If no server public key is used, then this length is set to zero.
zCKey_FPLen	INT	2	(IBM name: N/A) Length (in bytes) of the client public key fingerprint. If no client public key is used, then this length is set to zero.
zSKey_FP	HEX	64	(IBM name: N/A) The server public key fingerprint (a hash of the public key used to identify that key), left justified and padded on the right with X'00'.
zCKey_FP	HEX	64	(IBM name: N/A) The client public key fingerprint (a hash of the public key used to identify that key), left justified and padded on the right with X'00'.
zSCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate signature method. 'Unknown' => Unknown. 'None' =>

			None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zSCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate encryption method.
zSCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Server certificate digest algorithm.
zSCert_Serial_Len	INT	1	(IBM name: N/A) Server certificate serial number length in bytes.
zSCert_Serial	HEX	20	(IBM name: N/A) Server certificate serial number, left justified.
zSCert_Time_Type	INT (ENUM)	1	(IBM name: N/A) Format of server certificate 'not after' time. 'UTC' => Coordinated Universal Time (UTC). 'GT' => Generalized Time (GT).
zSCert_Time	CHAR	15	(IBM name: N/A) Server certificate 'not after' time. If the time type is UTC (zSCert_Time_Type = 'UTC'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GMT (zSCert_Time_Type = 'GT'), all 15 bytes of this field contain the time in GMT format (YYYYMMDDhhmmssZ).
zSCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Server certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zSCert_Key_Len	INT	2	(IBM name: N/A) Server certificate key length in bits.
zCCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zCCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate encryption method.
zCCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Client certificate digest algorithm.
zCCert_Serial_Len	INT	1	(IBM name: N/A) Client certificate serial number length in bytes.
zCCert_Serial	HEX	20	(IBM name: N/A) Client certificate serial number, left justified.
zCCert_Time_Type	INT (ENUM)	1	(IBM name: N/A) Format of server certificate 'not after' time. 'UTC' => Coordinated Universal Time (UTC). 'GT' => Generalized Time (GT).
zCCert_Time	CHAR	15	(IBM name: N/A) Client certificate 'not after' time. If the time type is UTC (zCCert_Time_Type = 'UTC'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GMT (zCCert_Time_Type = 'GT'), all 15 bytes of this field contain the time in GMT format (YYYYMMDDhhmmssZ).
zCCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Client certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zCCert_Key_Len	INT	2	

			(IBM name: N/A) Client certificate key length in bits.
--	--	--	---

Secondary segment: SMF119#11_zERT_IPSec_attributes

Field Name	Type	Len	Description
<i>SMF119#11_zERT_IPSec_attributes.<fieldname></i>			
zIKETunID	INT	4	(IBM name: N/A) IKE tunnel identifier. This value is displayed as Ktunid in ipsec command displays.
zIKEMajVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are used.
zIKEMinVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zIKETunKeyExchRule	CHAR	48	(IBM name: N/A) Key exchange rule for this IKE tunnel (padded with trailing blanks).
zIKETunLclEndpt	IPADDRESS	16	(IBM name: SMF119IS_IKETunLclEndpt) Local IP address of tunnel endpoint. If zFlags in the zERT common identification section indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zIKETunRmtEndpt	IPADDRESS	16	(IBM name: SMF119IS_IKETunRmtEndpt) Remote IP address of tunnel endpoint. If zFlags in the zERT common identification section indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zIKETunLclAuthMeth	INT (ENUM)	2	(IBM name: N/A) The authentication method for the local endpoint. 'Unknown' => Unknown or manual tunnel. 'None' => None. 'RSA' => RSA signature. 'Preshared_Key' => Preshared key. 'ECDSA-256' => ECDSA-256 signature. 'ECDSA-384' => ECDSA-384 signature. 'ECDSA-521' => ECDSA-521 signature. 'Digital_Sign' => Digital signature.
zIKETunRmtAuthMeth	INT (ENUM)	2	(IBM name: N/A) The authentication method for the remote endpoint. 'Unknown' => Unknown or manual tunnel. 'None' => None. 'RSA' => RSA signature. 'Preshared_Key' => Preshared key. 'ECDSA-256' => ECDSA-256 signature. 'ECDSA-384' => ECDSA-384 signature. 'ECDSA-521' => ECDSA-521 signature. 'Digital_Sign' => Digital signature.
zIKETunAuthAlg	INT (ENUM)	2	(IBM name: N/A) Tunnel authentication algorithm.
zIKETunEncAlg	INT (ENUM)	2	(IBM name: N/A) Tunnel encryption algorithm.
zIKETunDHGroup	INT (ENUM)	2	(IBM name: N/A) Diffie-Hellman group used to generate the keying material for this IKE tunnel.
zIKETunPseudoRFunc	INT (ENUM)	2	(IBM name: N/A) Pseudo-random function used for seeding keying material.
zIKETunLifesize	INT	4	(IBM name: N/A) IKE tunnel lifesize. If not 0, this value indicates the lifesize limit for the tunnel, in Kbytes. Otherwise (value is 0), no lifesize enforced.
zIKETunLifetime	INT	4	(IBM name: N/A) IKE tunnel lifetime. This value indicates the total number of minutes the tunnel remains active.
zIKETunReauthIntvl	INT	4	(IBM name: N/A) Reauthentication interval. Indicates the number of minutes between reauthentication operations.
zLclCert_Sign_Meth	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1.

			'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zLclCert_Enc_Meth	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate encryption method.
zLclCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate digest algorithm.
zLclCert_Serial_Len	INT	1	(IBM name: N/A) Local IKE certificate serial number length in bytes.
zLclCert_Serial	HEX	20	(IBM name: N/A) Local IKE certificate serial number, left justified.
zLclCert_Time_Type	INT (ENUM)	1	(IBM name: N/A) Format of local IKE certificate 'not after' time. 'UTC' => Coordinated Universal Time (UTC). 'GT' => Generalized Time (GT).
zLclCert_Time	CHAR	15	(IBM name: N/A) Local IKE certificate 'not after' time. If the time type is UTC (zLclCert_Time_Type = 'UTC'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GMT (zLclCert_Time_Type = 'GT'), all 15 bytes of this field contain the time in GMT format (YYYYMMDDhhmmssZ).
zLclCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zLclCert_Key_Len	INT	2	(IBM name: N/A) Local IKE certificate key length in bits.
zRmtCert_Sign_Meth	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zRmtCert_Enc_Meth	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate encryption method.
zRmtCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate digest algorithm.
zRmtCert_Serial_Len	INT	1	(IBM name: N/A) Remote IKE certificate serial number length in bytes.
zRmtCert_Serial	HEX	20	(IBM name: N/A) Remote IKE certificate serial number, left justified.
zRmtCert_Time_Type	INT (ENUM)	1	(IBM name: N/A) Format of remote IKE certificate 'not after' time. 'UTC' => Coordinated Universal Time (UTC). 'GT' => Generalized Time (GT).
zRmtCert_Time	CHAR	15	(IBM name: N/A) Remote IKE certificate 'not after' time. If the time type is UTC (zRmtCert_Time_Type = 'UTC'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GMT (zRmtCert_Time_Type = 'GT'), all 15 bytes of this field contain the time in GMT format (YYYYMMDDhhmmssZ).
zRmtCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zRmtCert_Key_Len	INT	2	(IBM name: N/A) Remote IKE certificate key length in bits.

zTunID	INT	4	(IBM name: N/A) IPSec tunnel identifier. This value is displayed as Ytunid or Mtunid in ipsec command displays.
--------	-----	---	--

SMF119#11_zERT_IPSec_attributes.zTunFlags.<fieldname>

zIPv6	BIT	1	IPv6 indicator. If set, security endpoint addresses and data endpoint addresses are IPv6, otherwise, they are IPv4.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.

SMF119#11_zERT_IPSec_attributes.<fieldname>

zTunType	INT (ENUM)	1	(IBM name: N/A) Tunnel type. One of the following values. 'Manual' => Manual IPSec tunnel. 'Dynamic' => Dynamic IPSec tunnel. 'Shadow' => Shadow tunnel.
zTunState	INT (ENUM)	1	(IBM name: N/A) One of the following tunnel states. 'Active' => Manual or dynamic tunnel is active. 'Inactive' => Manual tunnel is inactive.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Tunnel encapsulation modes. 'Tunnel' => Tunnel Mode. 'Transport' => Transport Mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) The protocol used for message authentication. 'ESP' => Encapsulating Security Payload. 'AH' => Authentication Header.
zAuthAlg	INT (ENUM)	2	(IBM name: N/A) The tunnel authentication algorithm.
zEncAlg	INT (ENUM)	2	(IBM name: N/A) The tunnel encryption algorithm.
zPFSGroup	INT (ENUM)	2	(IBM name: N/A) Diffie-Hellman group used for perfect forward secrecy.
zLifesize	INT	4	(IBM name: N/A) SA lifesize in KBytes. Zero if zTunType is set to 'Manual'.
zLifetime	INT	4	(IBM name: N/A) SA lifetime in minutes. Zero if zTunType is set to 'Manual'.
zVPNLifeExpire	INT	4	(IBM name: N/A) Tunnel VPN lifetime in minutes (length of time after which the tunnel family ceases to be refreshed). Zero indicates no VPN lifetime limit is enforced.

Secondary segment: SMF119#11_zERT_Distinguished_Name

Field Name	Type	Len	Description
SMF119#11_zERT_Distinguished_Name.<fieldname>			
zDN_Len	INT	2	(IBM name: N/A) Length of the DN structure (includes the length of zDN_Len, zDN_Type, and zDN).
zDN_Type	INT (ENUM)	2	(IBM name: N/A) Type of Distinguished Name. 'IPSec_LCL_SDN' => IPSec Local Certificate Subject DN. 'IPSec_LCL_IDN' => IPSec Local Certificate Issuer DN. 'IPSec_RMT_SDN' => IPSec Remote Certificate Subject DN. 'IPSec_RMT_IDN' => IPSec Remote Certificate Issuer DN. 'TLS_SRV_SDN' => TLS Server Certificate Subject DN. 'TLS_SRV_IDN' => TLS Server Certificate Issuer DN. 'TLS_CLI_SDN' => TLS Client Certificate Subject DN. 'TLS_CLI_IDN' => TLS Client Certificate Issuer DN. 'SSH_SRV_SDN' => SSH Server Certificate Subject DN. 'SSH_SRV_IDN' => SSH Server Certificate Issuer DN. 'SSH_CLI_SDN' => SSH Client Certificate Subject DN. 'SSH_CLI_IDN' => SSH Client Certificate Issuer DN.

zDN	XVCHAR	0 1024	(IBM name: N/A) The variable length DN value.
-----	--------	-----------	--

Record Type 119 Subtype 12 - zERT Summary

Primary Segment:

- [SMF119#12_TCPIP_Statistics](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF119#12_zERTSumm_common](#)
- [SMF119#12_zERTSumm_Distinguished_Name](#)
- [SMF119#12_zERTSumm_IPSec_attributes](#)
- [SMF119#12_zERTSumm_SSH_attributes](#)
- [SMF119#12_zERTSumm_TLS_attributes](#)
- [SMF119#12_Identification](#)

Primary segment: [SMF119#12_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#12_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#12_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#12_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: N/A) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to zERT common section.
z1Len	INT	2	(IBM name: N/A) Length of zERT common section.
z1Num	INT	2	(IBM name: N/A) Number of zERT common section.
z2Off	INT	4	(IBM name: N/A) Offset to TLS-specific section.
z2Len	INT	2	(IBM name: N/A) Length of TLS-specific section.
z2Num	INT	2	(IBM name: N/A) Number of TLS section.
z3Off	INT	4	(IBM name: N/A) Offset to SSH-specific section.

z3Len	INT	2	(IBM name: N/A) Length of SSH-specific section.
z3Num	INT	2	(IBM name: N/A) Number of SSH-specific sections.
z4Off	INT	4	(IBM name: N/A) Offset to IPsec-specific section.
z4Len	INT	2	(IBM name: N/A) Length of IPsec-specific section.
z4Num	INT	2	(IBM name: N/A) Number of IPsec-specific section.
z5Off	INT	4	(IBM name: N/A) Offset to certificate DN section.
z5Len	INT	2	(IBM name: N/A) Length of certificate DN section.
z5Num	INT	2	(IBM name: N/A) Number of certificate DN section.

Secondary segment: **SMF119#12_Identification**

Field Name	Type	Len	Description
<i>SMF119#12_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#12_zERTSumm_common**

Field Name	Type	Len	Description
<i>SMF119#12_zERTSumm_common.<fieldname></i>			
zIntervalDuration	TIME	8	

			(IBM name: N/A) Duration of recording interval.
zEvent_Type	INT (ENUM)	1	(IBM name: N/A) Event type. 1 => Summary interval record. 2 => zERT aggregation function enabled event record. 3 => zERT aggregation function disabled event record.

SMF119#12_zERTSumm_common.zFlags.<fieldname>

zIPv6	BIT	1	The session uses IPv6 addresses
zLclServer	BIT	1	The local socket of this session is acting as the server (only meaningful when zIPProto indicates TCP)
zLclClient	BIT	1	The local socket of this session is acting as the client (only meaningful when zIPProto indicates TCP)
zSecEE	BIT	1	This security session represents Enterprise Extender connections (only meaningful when zIPProto indicates UDP)
zSecFTPC	BIT	1	This security session represents IPv4 outbound data connections that are established by the FTP server to the FTP client.
zNoTLS	BIT	1	AT-TLS cryptographic operations are bypassed for this security session as part of a stack optimization for intra-host connections.

SMF119#12_zERTSumm_common.<fieldname>

zSecProtos	INT (ENUM)	1	(IBM name: N/A) Cryptographic security protocol. 'None' => No cryptographic protection. 'TLS#SSL' => TLS/SSL. 'SSH' => SSH. 'IPSec' => IPSec.
zJobname	CHAR	8	(IBM name: N/A) Jobname that is associated with the socket.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) z/OS user ID associated with the socket Note: The value *FTPUSR* is specified when this security session represents an aggregation of FTP data connections and we are reporting at the FTP server (zFlags = x'40').
zIPProto	INT (ENUM)	1	(IBM name: N/A) IP Protocol value. Possible values are TCP and UDP.
zSrvIP	IPADDRESS	16	(IBM name: N/A) Server IP address. If zFlags indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zCltIP	IPADDRESS	16	(IBM name: N/A) Client IP address. If zFlags indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zSrvPortStart	INT	2	(IBM name: N/A) Starting value for server port range.
zSrvPortEnd	INT	2	(IBM name: N/A) Ending value for server port range. If this security session represents a single-server port, then the ending value equals the starting value for the port range.
zSessionID	CHAR	42	(IBM name: N/A) Session identifier that uniquely identifies a security session based on the server and client endpoints plus the significant security attributes for the session. The session identifier is in the form p-value, where p represents the cryptographic protocol. Possible values for 'p' are: C = clear text, I = IPSec, T = TLS/SSL, S = SSH. '-' is a separator character, 'value' is a 20-character hexadecimal string.
zInitLifeConnCnt	INT	4	(IBM name: N/A) Count of connections for the life of this security session at the beginning of the summary interval.
zInitLifePartialConnCnt	INT	4	(IBM name: N/A) Count of the partial connections for the life of this security session at the beginning of the summary interval. This is a subset of the connections reported in zInitLifeConnCnt. A connection is considered to be a partial connection if one or more of these conditions is met: 1. The connection was in existence before it was associated with this security session. 2.

			The security session stopped being associated with the connection, but the connection continued to exist.
zInitLifeShortConnCnt	INT	4	(IBM name: N/A) Count of short connections for the life of this security session at the beginning of the summary interval. Short connections are connections that last less than 10 seconds. This value is only meaningful when zIPProto indicates TCP.
zInitActiveConnCnt	INT	4	(IBM name: N/A) Number of active connections that are associated with this security session at the beginning of the summary interval.
zInitLifeInBytes	INT	8	(IBM name: N/A) Inbound byte count for the life of this security session at the beginning of the summary interval.
zInitLifeOutBytes	INT	8	(IBM name: N/A) Outbound byte count for the life of this security session at the beginning of the summary interval.
zInitLifeInSegDG	INT	8	(IBM name: N/A) Inbound TCP segment or UDP datagram count for the life of this security session at the beginning of the summary interval.
zInitLifeOutSegDG	INT	8	(IBM name: N/A) Outbound TCP segment or UDP datagram count for the life of this security session at the beginning of the summary interval.
zEndLifeConnCnt	INT	4	(IBM name: N/A) Count of connections for the life of this security session at the end of the summary interval.
zEndLifePartialConnCnt	INT	4	(IBM name: N/A) Count of partial connections for the life of this security session at the end of the summary interval. This is a subset of the connections reported in zEndLifeConnCnt that were associated with the security session for only part of their existence, using the same conditions described for zInitLifePartialConnCnt.
zEndLifeShortConnCnt	INT	4	(IBM name: N/A) Count of short connections for the life of this security session at the end of the summary interval. Short connections are ones that last less than 10 seconds. This value is only meaningful when SMF119SS_SAIPProto indicates TCP.
zEndActiveConnCnt	INT	4	(IBM name: N/A) Number of active connections that are associated with this security session at the end of the summary interval.
zEndLifeInBytes	INT	8	(IBM name: N/A) Inbound byte count for the life of this security session at the end of the summary interval.
zEndLifeOutBytes	INT	8	(IBM name: N/A) Outbound byte count for the life of this security session at the end of the summary interval.
zEndLifeInSegDG	INT	8	(IBM name: N/A) Inbound TCP segment or UDP datagram count for the life of this security session at the end of the summary interval.
zEndLifeOutSegDG	INT	8	(IBM name: N/A) Outbound TCP segment or UDP datagram count for the life of this security session at the end of the summary interval.

Secondary segment: **SMF119#12_zERTSumm_TLS_attributes**

Field Name	Type	Len	Description
SMF119#12_zERTSumm_TLS_attributes.<fieldname>			
zSource	INT (ENUM)	1	(IBM name: N/A) Source of the TLS/SSL information in this record. 'Observe' => Stream observation. 'Provider' => Cryptographic protocol provider.

SMF119#12_zERTSumm_TLS_attributes.zCryptoFlags.<fieldname>			
zEnc_Then_Mac	BIT	1	Encrypt-then-MAC processing is used.
SMF119#12_zERTSumm_TLS_attributes.<fieldname>			
zProt_Ver	INT (ENUM)	2	(IBM name: N/A) Protocol version. 'Unknown' => Unknown version. 'SSLv2' => SSLv2. 'SSLv3' => SSLv3. 'TLSv1.0' => TLSv1.0. 'TLSv1.1' => TLSv1.1. 'TLSv1.2' => TLSv1.2.
zNeg_Cipher	CHAR	6	(IBM name: N/A) Negotiated cipher suite identifier. If the TLS version is SSLv3 or higher, this is a four character value in the first 4 bytes of this field, padded with trailing blanks. Refer to the TLS Cipher Suite registry at http://www.iana.org/assignments/tlsparameters/tls-parameters.xhtml for a complete list of the 4-hexadecimal-character values. If the TLS version is SSLv2, then all 6 bytes are used: '010080': 128-bit RC4 with MD5 '020080': 40-bit RC4 with MD5 '030080': 128-bit RC2 with MD5 '040080': 40-bit RC2 with MD5 '050080': 128-bit IDEA with MD5 '060040': DES with MD5 '0700C0': 3DES with MD5.
zCS_Enc_Algo	INT (ENUM)	2	(IBM name: N/A) The symmetric encryption algorithm used by the cipher suite.
zCS_Msg_Auth	INT (ENUM)	2	(IBM name: N/A) The message authentication algorithm used by the cipher suite.
zCS_Kex_Algo	INT (ENUM)	2	(IBM name: N/A) The key exchange algorithm used by the cipher suite.
zSCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zSCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate encryption method.
zSCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Server certificate digest algorithm.
zSCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Server certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zSCert_Key_Len	INT	2	(IBM name: N/A) Server certificate key length in bits.
zCCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zCCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate encryption method.
zCCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Client certificate digest algorithm.
zCCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Client certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zCCert_Key_Len	INT	2	

			(IBM name: N/A) Client certificate key length in bits.
--	--	--	---

Secondary segment: SMF119#12_zERTSumm_SSH_attributes

Field Name	Type	Len	Description
<i>SMF119#12_zERTSumm_SSH_attributes.<fieldname></i>			
zSource	INT (ENUM)	1	(IBM name: N/A) Source of the SSH information in this record. 'Observe' => Stream observation. 'Provider' => Cryptographic protocol provider.
zProt_Ver	INT (ENUM)	1	(IBM name: N/A) Protocol version. 'SSHv1' => Protocol version 1. 'SSHv2' => Protocol version 2.

<i>SMF119#12_zERTSumm_SSH_attributes.zCryptoFlags.<fieldname></i>			
zEnc_Then_Mac	BIT	1	Encrypt-then-MAC processing is used.

<i>SMF119#12_zERTSumm_SSH_attributes.<fieldname></i>			
zAuth_Method	INT (ENUM)	2	(IBM name: N/A) First or only peer authentication method used for this security session. 'UNKNOWN' => Unknown. 'NONE' => None. 'PASSWORD' => Password. 'PUBLIC_KEY' => Public key. 'HOST_BASED' => Host-based. 'RHOSTS' => Rhosts. 'RHOSTS_RSA' => RhostsRSA. 'RSA' => RSA. 'KEYB_INT' => Keyboard-interactive. 'CHAL_RESP' => Challenge-response. 'CNTL_SOCKET1' => Control socket 1. 'GSSAPI_MIC' => GSSAPI with MIC. 'GSSAPI_KEX' => GSSAPI Key exchange.
zAuth_Method2	INT (ENUM)	2	(IBM name: N/A) If not 0, the last of multiple authentication methods used for this connection.
zIn_Enc_Alg	INT (ENUM)	2	(IBM name: N/A) Encryption algorithm for inbound traffic.
zIn_Msg_Auth	INT (ENUM)	2	(IBM name: N/A) Message authentication algorithm for inbound traffic.
zKex_Method	INT (ENUM)	2	(IBM name: N/A) Key exchange method.
zOut_Enc_Alg	INT (ENUM)	2	(IBM name: N/A) Encryption algorithm for outbound traffic.
zOut_Msg_Auth	INT (ENUM)	2	(IBM name: N/A) Message authentication algorithm for outbound traffic.
zSKey_Type	INT (ENUM)	2	(IBM name: N/A) Type of raw server key.
zSKey_Len	INT	2	(IBM name: N/A) Length of raw server key in bits.
zCKey_Type	INT (ENUM)	2	(IBM name: N/A) Type of raw client key.
zCKey_Len	INT	2	(IBM name: N/A) Length of raw client key in bits.
zSCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.

zSCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Server certificate encryption method.
zSCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Server certificate digest algorithm.
zSCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Server certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zSCert_Key_Len	INT	2	(IBM name: N/A) Server certificate key length in bits.
zCCert_Sig_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zCCert_Enc_Method	INT (ENUM)	2	(IBM name: N/A) Client certificate encryption method.
zCCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Client certificate digest algorithm.
zCCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Client certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zCCert_Key_Len	INT	2	(IBM name: N/A) Client certificate key length in bits.

Secondary segment: SMF119#12_zERTSumm_IPSec_attributes

Field Name	Type	Len	Description
<i>SMF119#12_zERTSumm_IPSec_attributes.<fieldname></i>			
zIKEMajVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are used.
zIKEMinVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zIKETunLclEndpt	IPADDRESS	16	(IBM name: SMF119IS_IKETunLclEndpt) Local IP address of tunnel endpoint. If zFlags indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zIKETunRmtEndpt	IPADDRESS	16	(IBM name: SMF119IS_IKETunRmtEndpt) Remote IP address of tunnel endpoint. If zFlags indicates IPv6, then this is a 16-byte IPv6 address. Otherwise, it is a 4-byte IPv4 address in the first 4 bytes of the field.
zIKETunLclAuthMeth	INT (ENUM)	2	(IBM name: N/A) The authentication method for the local endpoint. 'Unknown' => Unknown or manual tunnel. 'None' => None. 'RSA' => RSA signature. 'Preshared_Key' => Preshared key. 'ECDSA-256' => ECDSA-256 signature. 'ECDSA-384' => ECDSA-384 signature. 'ECDSA-521' => ECDSA-521 signature. 'Digital_Sign' => Digital signature.
zIKETunRmtAuthMeth	INT (ENUM)	2	(IBM name: N/A) The authentication method for the remote endpoint. 'Unknown' => Unknown or manual tunnel. 'None' => None. 'RSA' => RSA signature. 'Preshared_Key' => Preshared key. 'ECDSA-256' => ECDSA-256 signature. 'ECDSA-384' => ECDSA-384 signature. 'ECDSA-521' =>

			ECDSA-521 signature. 'Digital_Sign' => Digital signature.
zIKETunAuthAlg	INT (ENUM)	2	(IBM name: N/A) Tunnel authentication algorithm.
zIKETunEncAlg	INT (ENUM)	2	(IBM name: N/A) Tunnel encryption algorithm.
zIKETunDHGroup	INT (ENUM)	2	(IBM name: N/A) Diffie-Hellman group used to generate the keying material for this IKE tunnel.
zIKETunPseudoRFunc	INT (ENUM)	2	(IBM name: N/A) Pseudo-random function used for seeding keying material.
zLclCert_Sign_Meth	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zLclCert_Enc_Meth	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate encryption method.
zLclCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate digest algorithm.
zLclCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Local IKE certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zLclCert_Key_Len	INT	2	(IBM name: N/A) Local IKE certificate key length in bits.
zRmtCert_Sign_Meth	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate signature method. 'Unknown' => Unknown. 'None' => None. 'RSA_MD2' => RSA with MD2. 'RSA_MD5' => RSA with MD5. 'RSA_SHA1' => RSA with SHA1. 'DSA_SHA1' => DSA with SHA1. 'RSA_SHA224' => RSA with SHA-224. 'RSA_SHA256' => RSA with SHA-256. 'RSA_SHA384' => RSA with SHA-384. 'RSA_SHA512' => RSA with SHA-512. 'ECDSA_SHA1' => ECDSA with SHA1. 'ECDSA_SHA224' => ECDSA with SHA-224. 'ECDSA_SHA256' => ECDSA with SHA-256. 'ECDSA_SHA384' => ECDSA with SHA-384. 'ECDSA_SHA512' => ECDSA with SHA-512. 'DSA_SHA224' => DSA with SHA-224. 'DSA_SHA256' => DSA with SHA-256.
zRmtCert_Enc_Meth	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate encryption method.
zRmtCert_Digest_Algo	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate digest algorithm.
zRmtCert_Key_Type	INT (ENUM)	2	(IBM name: N/A) Remote IKE certificate key type. 'Unknown' => Unknown. 'None' => None. 'RSA' => RSA. 'DSA' => DSA. 'DH' => Diffie-Hellman (DH). 'ECC' => Elliptic Curve Cryptography (ECC).
zRmtCert_Key_Len	INT	2	(IBM name: N/A) Remote IKE certificate key length in bits.
zPFSGroup	INT (ENUM)	2	(IBM name: N/A) Diffie-Hellman group used for perfect forward secrecy.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Tunnel encapsulation mode. 'Tunnel' => Tunnel Mode. 'Transport' => Transport Mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) The protocol used for message authentication. 'ESP' => Encapsulating Security Payload. 'AH' => Authentication Header.
zAuthAlg	INT (ENUM)	2	(IBM name: N/A) The tunnel authentication algorithm.
zEncAlg	INT (ENUM)	2	

		(IBM name: N/A) The tunnel encryption algorithm.
--	--	---

Secondary segment: **SMF119#12_zERTSumm_Distinguished_Name**

Field Name	Type	Len	Description
<i>SMF119#12_zERTSumm_Distinguished_Name.<fieldname></i>			
zDN_Len	INT	2	(IBM name: N/A) Length of the DN structure (includes the length of zDN_Len, zDN_Type, and zDN).
zDN_Type	INT (ENUM)	2	(IBM name: N/A) Type of Distinguished Name. 'IPSec_LCL_SDN' => IPSec Local Certificate Subject DN. 'IPSec_LCL_IDN' => IPSec Local Certificate Issuer DN. 'IPSec_RMT_SDN' => IPSec Remote Certificate Subject DN. 'IPSec_RMT_IDN' => IPSec Remote Certificate Issuer DN. 'TLS_SRV_SDN' => TLS Server Certificate Subject DN. 'TLS_SRV_IDN' => TLS Server Certificate Issuer DN. 'TLS_CLI_SDN' => TLS Client Certificate Subject DN. 'TLS_CLI_IDN' => TLS Client Certificate Issuer DN. 'SSH_SRV_SDN' => SSH Server Certificate Subject DN. 'SSH_SRV_IDN' => SSH Server Certificate Issuer DN. 'SSH_CLI_SDN' => SSH Client Certificate Subject DN. 'SSH_CLI_IDN' => SSH Client Certificate Issuer DN.
zSS_DN	XVCHAR	0 1024	(IBM name: SMF119SS_DN) The variable length DN value.

Record Type 119 Subtype 20 - TN3270E Telnet Server SNA Initiation

Primary Segment:

- [SMF119#20_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#20_Identification](#)
- [SMF119#20_TN3270E_Server_SNA_Session_Init](#)

Primary segment: [SMF119#20_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#20_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#20_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#20_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to Telnet SNA session initiation section.
z1Len	INT	2	(IBM name: N/A) Length of Telnet SNA session initiation section.
z1Num	INT	2	(IBM name: N/A) Number of Telnet SNA session initiation sections.

Secondary segment: [SMF119#20_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#20_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#20_TN3270E_Server_SNA_Session_Init**

Field Name	Type	Len	Description
<i>SMF119#20_TN3270E_Server_SNA_Session_Init.<fieldname></i>			
zLU	CHAR	8	(IBM name: N/A) Telnet LU name.
zAppl	CHAR	8	(IBM name: N/A) Host application name.
zLdev	INT	4	(IBM name: N/A) Telnet server internal logical device number.
zRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address.
zLIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local port number.
zTime	TSTMP	8	(IBM name: N/A) Session initiation date & time.

Record Type 119 Subtype 21 - TN3270E Telnet Server SNA Termination

Primary Segment:

- SMF119#21_TCPIP_Statistics

Secondary Segment(s): 5 (in alphabetical order)

- SMF119#21_Identification
- SMF119#21_TN3270E_Server_Host_Name_section
- SMF119#21_TN3270E_Server_Round_Trip_Performance
- SMF119#21_TN3270E_Server_SNA_Session_Term
- SMF119#21_TN3270E_Server_Time_Bucket_Performance

Primary segment: SMF119#21_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#21_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#21_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#21_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to Telnet SNA session termination section.
z1Len	INT	2	(IBM name: N/A) Length of Telnet SNA session termination section.
z1Num	INT	2	(IBM name: N/A) Number of Telnet SNA session termination sections.
z2Off	INT	4	(IBM name: N/A) Offset to TN3270 server host name section.
z2Len	INT	2	(IBM name: N/A) Length of TN3270 server host name section.
z2Num	INT	2	(IBM name: N/A) Number of TN3270 server host name sections.
z3Off	INT	4	(IBM name: N/A) Offset to TN3270 server session performance data section.

z3Len	INT	2	(IBM name: N/A) Length of TN3270 server session performance data section.
z3Num	INT	2	(IBM name: N/A) Number of TN3270 server session performance data sections.
z4Off	INT	4	(IBM name: N/A) Offset to TN3270 server session time bucket performance data section.
z4Len	INT	2	(IBM name: N/A) Length of TN3270 server session time bucket performance data section.
z4Num	INT	2	(IBM name: N/A) Number of TN3270 server session time bucket performance data sections.

Secondary segment: **SMF119#21_Identification**

Field Name	Type	Len	Description
<i>SMF119#21_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#21_TN3270E_Server_SNA_Session_Term**

Field Name	Type	Len	Description
<i>SMF119#21_TN3270E_Server_SNA_Session_Term.<fieldname></i>			
zLU	CHAR	8	(IBM name: N/A) Telnet LU name.
zAppl	CHAR	8	(IBM name: N/A) Host application name.
zLdev	INT	4	(IBM name: N/A) Telnet internal logical device number.
zRIP	IPADDRESS	16	

			(IBM name: N/A) Remote (client) IP address.
zLIP	IPADDRESS	16	(IBM name: N/A) Local (Telnet) IP address.
zRPort	INT	2	(IBM name: N/A) Remote (client) port number.
zLPort	INT	2	(IBM name: N/A) Local (Telnet) port number.
zHostNm	CHAR	8	(IBM name: N/A) TCP/IP Host name.
zInByte	INT	8	(IBM name: N/A) Inbound byte count.
zOutByte	INT	8	(IBM name: N/A) Outbound byte count.
ziTime	TSTMP	8	(IBM name: N/A) Session initiation date & time.
zTime	TSTMP	8	(IBM name: N/A) Session termination date & time.
zDur	FIXED	4 (10,2)	(IBM name: N/A) Session duration in seconds.
zSType	INT (ENUM)	1	(IBM name: N/A) Telnet session type.
zLUSel	INT (ENUM)	1	(IBM name: N/A) Telnet LU selection method. 'Server' => LU chosen by server. 'Client' => LU chosen by client.
zSSL	INT (ENUM)	1	(IBM name: N/A) SSL status. 'None' => No SSL session. 'Server' => Server authentication only. 'NoSAF' => Server and client authentication (REQUIRED/SSLCERT): If AT-TLS policy (REQUIRED), then check SAF, and user ID is not required to be returned. If TN profile control (SSLCERT), then no SAF. 'SAF' => Server and client authentication (SAFCHECK/SAFCERT): If AT-TLS policy (SAFCHECK), then SAF check requires user ID returned. If TN profile control (SAFCERT), then SAF check requires user ID returned. 'FULL' => Server and client authentication (FULL): AT-TLS policy only. Optional client certificate. SSL cert if provided. SAF check, user ID is not required. 'PTHRU' => Server and client authentication (PASSTHRU) AT-TLS policy only. Optional client certificate. No SSL cert if provided. SAF check, user ID is not required.

SMF119#21_TN3270E_Server_SNA_Session_Term.zCopt.<fieldname>

z3270E	BIT	1	TN3270E
zTerm	BIT	1	Terminal type
zEOR	BIT	1	End of Record
zBin	BIT	1	Transmit binary
zECHO	BIT	1	Echos
zGOAhead	BIT	1	Suppress go ahead
zTime	BIT	1	Timemark
zNewEnv	BIT	1	New Environment TN3270E connection options negotiated for this connection.

SMF119#21_TN3270E_Server_SNA_Session_Term.z32opt.<fieldname>

zBind	BIT	1	Bind image
zSysReq	BIT	1	SysRequest
zResp	BIT	1	Responses
zSCS	BIT	1	SCS control codes
zDCS	BIT	1	DCS control codes

zContR	BIT	1	Contention Resolution
zFMH	BIT	1	FMH Support
zSNA	BIT	1	SNA Sense Support.
zBytDb	BIT	1	Suppress Header Byte Doubling

SMF119#21_TN3270E_Server_SNA_Session_Term.<fieldname>

zRCode	CHAR	8	(IBM name: N/A) Session termination reason code. The values in this field are the same as those displayed in message EZZ6034I as value for the object variable.
zLMode	CHAR	8	(IBM name: N/A) SNA logmode.
zDevt	CHAR	20	(IBM name: N/A) Telnet device type.

Secondary segment: SMF119#21_TN3270E_Server_Host_Name_section

Field Name	Type	Len	Description
<i>SMF119#21_TN3270E_Server_Host_Name_section.<fieldname></i>			
zHostname	XVCHAR	0 1024	(IBM name: N/A) Host name associated with this session.

Secondary segment: SMF119#21_TN3270E_Server_Round_Trip_Performance

Field Name	Type	Len	Description
<i>SMF119#21_TN3270E_Server_Round_Trip_Performance.<fieldname></i>			
zRRts	INT	4	(IBM name: N/A) Sum of round trip times for this session in milliseconds.
zRIPRts	INT	4	(IBM name: N/A) Sum of IP portion of round trip times for this session in milliseconds.
zRCountTrans	INT	4	(IBM name: N/A) Count of transactions used to measure round trip times for this session.
zRCountIP	INT	4	(IBM name: N/A) Count of IP transactions used to measure the IP portion of the round trip time.
zRElapsRndTrpSq	INT	8	(IBM name: N/A) The sum of the square of each round trip time.
zRElapsIpRtSq	INT	8	(IBM name: N/A) The sum of the square of each IP portion of round trip time.
zRElapsSnaRtSq	INT	8	(IBM name: N/A) The sum of the square of each SNA portion of round trip time.
zRGrpIndex	INT	4	(IBM name: N/A) The index into the master MonitorGroup table this connection is using.
zRDR	INT (ENUM)	1	Indicator how IP trip time is measured. 'DefResp' => Definite Response used. 'Timemark' => Timemark used.

Secondary segment: SMF119#21_TN3270E_Server_Time_Bucket_Performance

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF119#21_TN3270E_Server_Time_Bucket_Performance.<fieldname>			
zBucketBndry1	INT	4	(IBM name: N/A) Upper boundary for bucket 1 in milliseconds.
zBucketBndry2	INT	4	(IBM name: N/A) Upper boundary for bucket 2 in milliseconds.
zBucketBndry3	INT	4	(IBM name: N/A) Upper boundary for bucket 3 in milliseconds.
zBucketBndry4	INT	4	(IBM name: N/A) Upper boundary for bucket 4 in milliseconds.
zBucket1Rts	INT	4	(IBM name: N/A) Number of transactions with a round trip time meeting bucket 1 criteria.
zBucket2Rts	INT	4	(IBM name: N/A) Number of transactions with a round trip time meeting bucket 2 criteria.
zBucket3Rts	INT	4	(IBM name: N/A) Number of transactions with round trip time meeting bucket 3 criteria.
zBucket4Rts	INT	4	(IBM name: N/A) Number of transactions with a round trip time meeting bucket 4 criteria.
zBucket5Rts	INT	4	(IBM name: N/A) Number of transactions with a round trip time that exceeds bucket 4 time.

Record Type 119 Subtype 22 - TSO Telnet Client Connection Initiation

Primary Segment:

- [SMF119#22_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#22_Identification](#)
- [SMF119#22_TSO_Telnet_Client_Connection_Init](#)

Primary segment: [SMF119#22_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#22_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#22_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#22_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to TSO Telnet client connection initiation section.
z1Len	INT	2	(IBM name: N/A) Length of TSO Telnet client connection initiation section.
z1Num	INT	2	(IBM name: N/A) Number of TSO Telnet client connection initiation sections.

Secondary segment: [SMF119#22_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#22_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#22_TSO_Telnet_Client_Connection_Init**

Field Name	Type	Len	Description
<i>SMF119#22_TSO_Telnet_Client_Connection_Init.<fieldname></i>			
zRIP	IPADDRESS	16	(IBM name: N/A) Remote (server) IP address.
zLIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRPort	INT	2	(IBM name: N/A) Remote (server) port number.
zLPort	INT	2	(IBM name: N/A) Local port number.
zTime	TSTMP	8	(IBM name: N/A) Session initiation date & time.

Record Type 119 Subtype 23 - TSO Telnet Client Termination Initiation

Primary Segment:

- [SMF119#23_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#23_Identification](#)
- [SMF119#23_TSO_Telnet_Client_Connection_Term](#)

Primary segment: [SMF119#23_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#23_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#23_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#23_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to TSO Telnet client connection termination section.
z1Len	INT	2	(IBM name: N/A) Length of TSO Telnet client connection termination section.
z1Num	INT	2	(IBM name: N/A) Number of TSO Telnet client connection termination sections.

Secondary segment: [SMF119#23_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#23_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#23_TSO_Telnet_Client_Connection_Term**

Field Name	Type	Len	Description
<i>SMF119#23_TSO_Telnet_Client_Connection_Term.<fieldname></i>			
zRIP	IPADDRESS	16	(IBM name: N/A) Remote (server) IP address.
zLIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRPort	INT	2	(IBM name: N/A) Remote (server) port number.
zLPort	INT	2	(IBM name: N/A) Local port number.
zNJENode	CHAR	8	(IBM name: N/A) NJE Node Name.
zInBytes	INT	8	(IBM name: N/A) Inbound byte count.
zOutBytes	INT	8	(IBM name: N/A) Outbound byte count.
ziTime	TSTMP	8	(IBM name: N/A) Session initiation date & time.
ztTime	TSTMP	8	(IBM name: N/A) Session termination date & time.
zDur	FIXED	4 (10,2)	(IBM name: N/A) Telnet client session duration in seconds.

<i>SMF119#23_TSO_Telnet_Client_Connection_Term.zCOpt.<fieldname></i>			
zTerm	BIT	1	Terminal type
zEOR	BIT	1	End of record
zBin	BIT	1	Transmit binary
zEcho	BIT	1	Echos

zNoGo	BIT	1	Suppress go ahead
SMF119#23_TSO_Telnet_Client_Connection_Term.<fieldname>			
zDevt	CHAR	20	(IBM name: N/A) Telnet device type.

Record Type 119 Subtype 24 - TN3270E Telnet Server Profile Event

Primary Segment:

- SMF119#24_TCPIP_Statistics

Secondary Segment(s): 30 (in alphabetical order)

- SMF119#24_AllowAppl_RestrictAppl
- SMF119#24_APPL_group
- SMF119#24_DefaultAppl
- SMF119#24_DestIPGroup
- SMF119#24_HnGroup
- SMF119#24_Identification
- SMF119#24_IpGroup
- SMF119#24_INTERPTCP
- SMF119#24_LineModeAppl
- SMF119#24_LinkGroup
- SMF119#24_LU
- SMF119#24_LU_Group
- SMF119#24_LUMap
- SMF119#24_MapAppl
- SMF119#24_Monitor_Group
- SMF119#24_MonitorMap
- SMF119#24_ParmsGroup
- SMF119#24_ParmsMap
- SMF119#24_Printer
- SMF119#24_PrintGroup
- SMF119#24_Profile_Information_Common
- SMF119#24_Profile_Information_DSN
- SMF119#24_PrtDefaultAppl
- SMF119#24_PrtMap
- SMF119#24_SLU_Group
- SMF119#24_SLU_Print
- SMF119#24_TelnetGlobals
- SMF119#24_TelnetParms
- SMF119#24_UserGroup
- SMF119#24_USSTCP

Primary segment: SMF119#24_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#24_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#24_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#24_TCPIP_Statistics.Self_defining.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	

			(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to Profile information common section.
z1Len	INT	2	(IBM name: N/A) Length of Profile information common section.
z1Num	INT	2	(IBM name: N/A) Number of Profile information common sections.
z2Off	INT	4	(IBM name: N/A) Offset of Profile information common data set name section.
z2Len	INT	2	(IBM name: N/A) Length of Profile information common data set name section.
z2Num	INT	2	(IBM name: N/A) Number of Profile information common data set name sections.
z3Off	INT	4	(IBM name: N/A) Offset to TelnetGlobals procedure section.
z3Len	INT	2	(IBM name: N/A) Length of TelnetGlobals procedure section.
z3Num	INT	2	(IBM name: N/A) Number of TelnetGlobals procedure sections.
z4Off	INT	4	(IBM name: N/A) Offset to TelnetParms configuration section.
z4Len	INT	2	(IBM name: N/A) Length of TelnetParms configuration section.
z4Num	INT	2	(IBM name: N/A) Number of TelnetParms configuration sections.
z5Off	INT	4	(IBM name: N/A) Offset to LU section.
z5Len	INT	2	(IBM name: N/A) Length of LU section.
z5Num	INT	2	(IBM name: N/A) Number of LU sections.
z6Off	INT	4	(IBM name: N/A) Offset to LUGroup section.
z6Len	INT	2	(IBM name: N/A) Length of LUGroup section.
z6Num	INT	2	(IBM name: N/A) Number of LUGroup sections.
z7Off	INT	4	(IBM name: N/A) Offset to SLUGROUP section.
z7Len	INT	2	(IBM name: N/A) Length of SLUGROUP section.
z7Num	INT	2	(IBM name: N/A) Number of SLUGROUP sections.
z8Off	INT	4	(IBM name: N/A) Offset to APPL LU section.
z8Len	INT	2	(IBM name: N/A) Length of APPL LU section.
z8Num	INT	2	(IBM name: N/A) Number of APPL LU sections.
z9Off	INT	4	(IBM name: N/A) Offset to Printer section.
z9Len	INT	2	(IBM name: N/A) Length of Printer section.

z9Num	INT	2	(IBM name: N/A) Number of Printer sections.
z10Off	INT	4	(IBM name: N/A) Offset to PrtGroup section.
z10Len	INT	2	(IBM name: N/A) Length of PrtGroup section.
z10Num	INT	2	(IBM name: N/A) Number of PrtGroup sections.
z11Off	INT	4	(IBM name: N/A) Offset to SPrtGroup section.
z11Len	INT	2	(IBM name: N/A) Length of SPrtGroup section.
z11Num	INT	2	(IBM name: N/A) Number of SPrtGroup sections.
z12Off	INT	4	(IBM name: N/A) Offset to ParmGroup section.
z12Len	INT	2	(IBM name: N/A) Length of ParmGroup section.
z12Num	INT	2	(IBM name: N/A) Number of ParmGroup sections.
z13Off	INT	4	(IBM name: N/A) Offset to MonitorGroup section.
z13Len	INT	2	(IBM name: N/A) Length of MonitorGroup section.
z13Num	INT	2	(IBM name: N/A) Number of MonitorGroup sections.
z14Off	INT	4	(IBM name: N/A) Offset to LinkGroup section.
z14Len	INT	2	(IBM name: N/A) Length of LinkGroup section.
z14Num	INT	2	(IBM name: N/A) Number of LinkGroup sections.
z15Off	INT	4	(IBM name: N/A) Offset to lpGroup section.
z15Len	INT	2	(IBM name: N/A) Length of lpGroup section.
z15Num	INT	2	(IBM name: N/A) Number of lpGroup sections.
z16Off	INT	4	(IBM name: N/A) Offset to UserGroup section.
z16Len	INT	2	(IBM name: N/A) Length of UserGroup section.
z16Num	INT	2	(IBM name: N/A) Number of UserGroup sections.
z17Off	INT	4	(IBM name: N/A) Offset to DestlpGroup section.
z17Len	INT	2	(IBM name: N/A) Length of DestlpGroup section.
z17Num	INT	2	(IBM name: N/A) Number of DestlpGroup sections.
z18Off	INT	4	(IBM name: N/A) Offset to HnGroup section.
z18Len	INT	2	(IBM name: N/A) Length of HnGroup section.
z18Num	INT	2	(IBM name: N/A) Number of HnGroup sections.

z19Off	INT	4	(IBM name: N/A) Offset to AllowAppl/RestrictAppl section.
z19Len	INT	2	(IBM name: N/A) Length of AllowAppl/RestrictAppl section.
z19Num	INT	2	(IBM name: N/A) Number of AllowAppl/RestrictAppl sections.
z20Off	INT	4	(IBM name: N/A) Offset to DefaultAppl section.
z20Len	INT	2	(IBM name: N/A) Length of DefaultAppl section.
z20Num	INT	2	(IBM name: N/A) Number of DefaultAppl sections.
z21Off	INT	4	(IBM name: N/A) Offset to PrtDefaultAppl section.
z21Len	INT	2	(IBM name: N/A) Length PrtDefaultAppl section.
z21Num	INT	2	(IBM name: N/A) Number of PrtDefaultAppl sections.
z22Off	INT	4	(IBM name: N/A) Offset to LineModeAppl section.
z22Len	INT	2	(IBM name: N/A) Length of LineModeAppl section.
z22Num	INT	2	(IBM name: N/A) Number of LineModeAppl sections.
z23Off	INT	4	(IBM name: N/A) Offset to MapAppl section.
z23Len	INT	2	(IBM name: N/A) Length of MapAppl section.
z23Num	INT	2	(IBM name: N/A) Number of MapAppl sections.
z24Off	INT	4	(IBM name: N/A) Offset to UssTcp section.
z24Len	INT	2	(IBM name: N/A) Length of UssTcp section.
z24Num	INT	2	(IBM name: N/A) Number of UssTcp sections.
z25Off	INT	4	(IBM name: N/A) Offset to INTERPTCP section.
z25Len	INT	2	(IBM name: N/A) Length of INTERPTCP section.
z25Num	INT	2	(IBM name: N/A) Number of INTERPTCP sections.
z26Off	INT	4	(IBM name: N/A) Offset to ParmMap section.
z26Len	INT	2	(IBM name: N/A) Length of ParmMap section.
z26Num	INT	2	(IBM name: N/A) Number of ParmMap sections.
z27Off	INT	4	(IBM name: N/A) Offset to LUMap section.
z27Len	INT	2	(IBM name: N/A) Length of LUMap section.
z27Num	INT	2	(IBM name: N/A) Number of LUMap sections.
z28Off	INT	4	(IBM name: N/A) Offset to PrtMap section.

z28Len	INT	2	(IBM name: N/A) Length of PrtMap section.
z28Num	INT	2	(IBM name: N/A) Number of PrtMap sections.
z29Off	INT	4	(IBM name: N/A) Offset to MonitorMap section.
z29Len	INT	2	(IBM name: N/A) Length MonitorMap section.
z29Num	INT	2	(IBM name: N/A) Number of MonitorMap sections TN3270E Telnet server profile record TCP/IP stack identification section Common TCP/IP identification section on page 718 shows the contents of the TCP/IP stack identification section. For the TN3270E Telnet server profile record, the TCP/IP stack identification section indicates TELNET as the subcomponent. The record reason field is set to one of the following bit values: v X'08' (event record) v X'48' (event record incomplete, more records follow) TN3270E Telnet server profile record profile information common section This section provides some general TN3270E Telnet server values and information about the last time when the profile was changed. Only one of these sections exists in the record.

Secondary segment: **SMF119#24_Identification**

Field Name	Type	Len	Description
<i>SMF119#24_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#24_Profile_Information_Common**

Field Name	Type	Len	Description
<i>SMF119#24_Profile_Information_Common.<fieldname></i>			

zDesc	CHAR	4	(IBM name: N/A) TNPI eyecatcher.
zStartStck	TSTMP	8	(IBM name: N/A) Time TN3270E Telnet server was started (TOD clock value).
zStartTime	TSTMP	8	(IBM name: N/A) TN3270E Telnet server start date & time.
zProfStck	TSTMP	8	(IBM name: N/A) Time TN3270E Telnet profile processed (TOD clock value).
zProfTime	TSTMP	8	(IBM name: N/A) TN3270E Telnet profile created date & time.

SMF119#24_Profile_Information_Common.zFlags.<fieldname>

zInitProf	BIT	1	This is the initial profile.
-----------	-----	---	------------------------------

SMF119#24_Profile_Information_Common.<fieldname>

zConsName	CHAR	8	(IBM name: N/A) Name of console from which VARY TCPIP,tproc,OBEYFILE command was issued.
zUserToken	HEX	80	(IBM name: N/A) RACF user security token of user responsible for change. For a mapping of the fields, see the ICHRUTKN data area in z/OS Security Server RACF Data Areas.

Secondary segment: **SMF119#24_Profile_Information_DSN**

Field Name	Type	Len	Description
SMF119#24_Profile_Information_DSN.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNDS eyecatcher.

SMF119#24_Profile_Information_DSN.zFlag.<fieldname>

zDSInclude	BIT	1	Include data set. If set, the data set was specified on an INCLUDE statement. If not set, the data set was the main data set.
------------	-----	---	---

SMF119#24_Profile_Information_DSN.<fieldname>

zName	CHAR	54	(IBM name: N/A) The data set name value is padded with trailing blanks.
-------	------	----	--

Secondary segment: **SMF119#24_TelnetGlobals**

Field Name	Type	Len	Description
SMF119#24_TelnetGlobals.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNTG eyecatcher.

SMF119#24_TelnetGlobals.zFlag1.<fieldname>

zFmt_Long	BIT	1	Format Long, otherwise Format Short
zShareACB	BIT	1	ShareAcb, otherwise NoShareACB
zSMFProfile	BIT	1	SMFPROFILE, otherwise NOSMFPROFILE
zSMF_GrpDtl	BIT	1	SMFPROFILE GroupDetail, otherwise SMFPROFILE NOGroupDetail

zLimitQ	BIT	1	LIMITQ, otherwise NOLIMITQ.
SMF119#24_TelnetGlobals.zFlag2.<fieldname>			
zSAEnable	BIT	1	TNSACONFIG ENABLE, otherwise TNSACONFIG DISABLE
zSATrace	BIT	1	TNSACONFIG TRACE, otherwise TNSACONFIG NOTRACE
SMF119#24_TelnetGlobals.zFlag3.<fieldname>			
zXCJoin	BIT	1	XCF JOIN, otherwise XCF NOJOIN
zLUPrimary	BIT	1	LUNS Primary, otherwise LUNS Backup
SMF119#24_TelnetGlobals.<fieldname>			
zTCPName	CHAR	8	(IBM name: N/A) TCPIP Jobname.
zSACacheTime	INT	4	(IBM name: N/A) TNSACONFIG CacheTime.
zSACommName	CHAR	32	(IBM name: N/A) TNSACONFIG Community. Blank if in an SMF record. Non-blank in an NMI call.
zSAPort	INT	2	(IBM name: N/A) TNSACONFIG AGENT Port.
zXCSubplex	CHAR	8	(IBM name: N/A) XCF Subplex name.
zXCFTMon	INT	4	(IBM name: N/A) XCF XCFMonitor.
zXCConnTO	INT	4	(IBM name: N/A) XCF ConnectionTimeout.
zXCRCvyTO	INT	4	(IBM name: N/A) XCF RecoveryTimeout.
zLUPort	INT	2	(IBM name: N/A) LUNS Port.
zLUPAddr	IPADDRESS	16	(IBM name: N/A) LUNS Ip address.
zLURank	INT	4	(IBM name: N/A) LUNS Rank.
zLDAPPort	INT	2	(IBM name: N/A) CRL LDAP Port number.
zLDAPNameLen	INT	2	(IBM name: N/A) CRL LDAP Name Length.
zLDAPNames	CHAR	256	(IBM name: N/A) CRL LDAP Names. A set of up to five names that are separated by a space.

Secondary segment: **SMF119#24_TelnetParms**

Field Name	Type	Len	Description
SMF119#24_TelnetParms.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNTP eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.

zPortIpAddr	IPADDRESS	16	(IBM name: N/A) Port Qualified IP address.
zPortLink	CHAR	16	(IBM name: N/A) Port Qualified Link name.

SMF119#24_TelnetParms.zFlag00.<fieldname>

zPQ_Link	BIT	1	Port Qualification is LinkName
zPQ_IPAddr	BIT	1	Port Qualification is IP address.

SMF119#24_TelnetParms.zFlag01.<fieldname>

zBinLMode	BIT	1	BINARYLINEMODE, otherwise NOBINARYLINEMODE
zCCConn	BIT	1	CHECKCLIENTCONN, otherwise NOCHECKCLIENTCONN
zCodePage	BIT	1	CODEPAGE, otherwise NOCODEPAGE
zDbcsTrace	BIT	1	DBCSTRACE, otherwise NODBCSTRACE
zDbcs	BIT	1	DBCSTRANSFORM, otherwise NODBCSTRANSFORM

SMF119#24_TelnetParms.zFlag02.<fieldname>

zConnT_SSL	BIT	1	CONNTYPE SSL
zConnT_NegTSSL	BIT	1	CONNTYPE NETTSSL
zConnT_Any	BIT	1	CONNTYPE ANY
zConnT_Basic	BIT	1	CONNTYPE BASIC
zConnT_None	BIT	1	CONNTYPE NONE
zCIAuth_SSL	BIT	1	CLIENTAUTH SSL
zCIAuth_SAF	BIT	1	CLIENTAUTH SAF
zCIAuth_None	BIT	1	CLIENTAUTH None.

SMF119#24_TelnetParms.zFlag03.<fieldname>

zDrpAscPrt	BIT	1	DROPASSOCPRINTER, otherwise NODROPASSOCPRINTER
zFDTrace	BIT	1	FULLDATATRACE, otherwise NOFULLDATATRACE
zFKR_SAF	BIT	1	KEYRING SAF 1
zFKR_MVS	BIT	1	KEYRING MVS
zFKR_HFS	BIT	1	KEYRING HFS
zLUSess_P	BIT	1	LUSESSIONPEND, otherwise NOLUSESSIONPEND
zMsg07	BIT	1	MSG07, otherwise NOMSG07

SMF119#24_TelnetParms.zFlag04.<fieldname>

zOldSol	BIT	1	OLDSOLICITOR, otherwise NOOLDSOLICITOR
zPPhrase	BIT	1	PASSWORDPHRASE, otherwise NOPASSWORDPHRASE
zDisPPhrase	BIT	1	DISABLEPASSWORDPHRASE
zSecurePort	BIT	1	SECUREPORT, otherwise PORT 0
zTTLSPort	BIT	1	TTLSPORT, otherwise PORT 0
zRefMsg10	BIT	1	REFRESHMSG10, otherwise NOREFRESHMSG10
zSeqLu	BIT	1	SEQUENTIALLU, otherwise NOSEQUENTIALLU
zSGA	BIT	1	SGA, otherwise NOSGA or DISABLESGA

SMF119#24_TelnetParms.zFlag05.<fieldname>

zSimCliLu	BIT	1	SIMCLIENTLU, otherwise NOSIMCLIENTLU
-----------	-----	---	--------------------------------------

zSingleAttn	BIT	1	SINGLEATTN10, otherwise NOSINGLEATTN
zSMFInit119	BIT	1	SMFINIT TYPE119, otherwise SMFINIT NOTYPE119
zSMFTerm119	BIT	1	SMFTERM TYPE119, otherwise SMFTERM NOTYPE119
zSNAExt	BIT	1	SNAEXT, otherwise NOSNAEXT
zSSLV2	BIT	1	SSLV2, otherwise NOSSLV2
zSSLV3	BIT	1	SSLV3, otherwise NOSSLV3

SMF119#24_TelnetParms.zFlag06.<fieldname>

zTKOGenLu	BIT	1	TKOGENLU
zTKOGenLuR	BIT	1	TKOGENLURECON
zTKOGKeepON	BIT	1	KEEPONTMRESET, otherwise NOKEEPONTMRESET
zTKOGSameIP	BIT	1	SAMEIPADDR, otherwise NOSAMEIPADDR
zTKOGSameCT	BIT	1	SAMECONNTYPE, otherwise NOSAMECONNTYPE
zExpLogonMFA	BIT	1	EXPRESSLOGONMFA, otherwise NOEXPRESSLOGONMFA
zMFAFallback	BIT	1	EXPRESSLOGONMFA FALLBACK, otherwise EXPRESSLOGONMFA NOFALLBACK

SMF119#24_TelnetParms.zFlag07.<fieldname>

zTKOSpecLu	BIT	1	TKOSPECLU
zTKOSpecLuR	BIT	1	TKOSPECLURECON
zTKOSKeepON	BIT	1	KEEPONTMRESET, otherwise NOKEEPONTMRESET
zTKOSSameIP	BIT	1	SAMEIPADDR, otherwise NOSAMEIPADDR
zTKOSSameCT	BIT	1	SAMECONNTYPE, otherwise NOSAMECONNTYPE

SMF119#24_TelnetParms.zFlag08.<fieldname>

zTN3270E	BIT	1	TN3270E, otherwise NOTN3270E
zUnlKybd_B	BIT	1	UNLOCK BeforeRead, otherwise UNLOCK AfterRead
zTN3270Bind	BIT	1	TN3270BIND, otherwise NOTN3270BIND

SMF119#24_TelnetParms.<fieldname>

zProfId	INT	2	(IBM name: N/A) Profile Id.
zCConnSec	INT	4	(IBM name: N/A) CHECKCLIENTCONN sec.
zCConnMax	INT	4	(IBM name: N/A) CHECKCLIENTCONN maxconns.
zCodePage_A	CHAR	12	(IBM name: N/A) Codepage ASCII.
zCodePage_E	CHAR	12	(IBM name: N/A) Codepage EBCDIC.
zCipherCnt	INT	2	(IBM name: N/A) Number of ENCRYPTION algorithms.

SMF119#24_TelnetParms.zV3Cipher.<fieldname>

zCipher	CHAR	2	(IBM name: N/A) ENCRYPTION algorithms.
---------	------	---	---

SMF119#24_TelnetParms.<fieldname>

zKeyRingLen	INT	2	(IBM name: N/A) Length of TPKeyRing.
-------------	-----	---	---

zInactSec	INT	4	(IBM name: N/A) INACTIVE sec.
zKeepInact	INT	4	(IBM name: N/A) KEEPINACTIVE sec.
zKeepLUSec	INT	4	(IBM name: N/A) KEEPLU sec.
zKeyRing	CHAR	256	(IBM name: N/A) KEYRING data set name. See zKeyRingLen last 255 bytes of name if the name is longer than 255.
zMaxRcv	INT	4	(IBM name: N/A) MAXRECEIVE bytes.
zMaxReqSess	INT	4	(IBM name: N/A) MAXREQSESS num_req.
zMax_RUChain	INT	4	(IBM name: N/A) MAXRUCHAIN num_RUs.
zMaxTcpSendQ	INT	4	(IBM name: N/A) MAXTCPSENDQ bytes.
zMaxVtamSend	INT	4	(IBM name: N/A) MAXVTAMSENDQ num_rpls.
zNacUserId	CHAR	8	(IBM name: N/A) NACUSERID NAC_name.
zPrtInact	INT	4	(IBM name: N/A) PRTINACTIVE sec.
zProfInact	INT	4	(IBM name: N/A) PROFILEINACTIVE sec.
zScan_Sec	INT	4	(IBM name: N/A) SCANINTERVAL sec1.
zTMark_Sec	INT	4	(IBM name: N/A) TIMEMARK sec2.
zSMFInit118	INT	1	(IBM name: N/A) SMFINIT nn.
zSMFTerm118	INT	1	(IBM name: N/A) SMFTERM nn.
zSSL_Sec	INT	4	(IBM name: N/A) SSLTIMEOUT sec.

SMF119#24_TelnetParms.zTelnetDevice.<fieldname>

zLogmode	CHAR	8	(IBM name: N/A) TN3270 Logmode.
zELogmode	CHAR	8	(IBM name: N/A) TN3270E Logmode.

SMF119#24_TelnetParms.<fieldname>

zTKOGLu_sec	INT	4	(IBM name: N/A) TKOGENLU sec.
zTKOSLu_sec	INT	4	(IBM name: N/A) TKOSPECLU sec.

SMF119#24_TelnetParms.zDBG_Flags.<fieldname>**SMF119#24_TelnetParms.zDBG_Flags.zDBG_ConnFlg.<fieldname>**

zDBG_ConnExc	BIT	1	DEBUG CONN EXCEPTION
zDBG_ConnSum	BIT	1	DEBUG CONN SUMMARY
zDBG_ConnDet	BIT	1	DEBUG CONN DETAIL
zDBG_ConnOFF	BIT	1	DEBUG CONN OFF

zDBG_ConnVOff	BIT	1	DEBUG CONN Vary off
zDBG_Conn_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONN Route

SMF119#24_TelnetParms.zDBG_Flags.zDBG_ConnTrace.<fieldname>			
zDBG_ConnTrc	BIT	1	DEBUG CONN TRACE
zDBG_ConnTrcOff	BIT	1	DEBUG CONN NOTRACE
zDBG_ConnTrcVOff	BIT	1	DEBUG CONN TRACE vary off
zDBG_ConnTrc_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONN Trace Route

SMF119#24_TelnetParms.zDBG_Flags.zDBG_TaskFlg.<fieldname>			
zDBG_TaskExc	BIT	1	DEBUG TASK EXCEPTION
zDBG_TaskDet	BIT	1	DEBUG TASK DETAIL
zDBG_TaskOff	BIT	1	DEBUG TASK OFF
zDBG_TaskVOff	BIT	1	DEBUG TASK Vary OFF
zDBG_Task_Route	BINT (ENUM)	2	(IBM name: N/A) Debug TASK Route

SMF119#24_TelnetParms.zDBG_Flags.zDBG_ConfFlg.<fieldname>			
zDBG_ConfExc	BIT	1	DEBUG CONFIG EXCEPTION
zDBG_ConfOff	BIT	1	DEBUG CONFIG OFF
zDBG_ConfVOff	BIT	1	DEBUG CONFIG Vary Off
zDBG_Conf_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONFIG Route

SMF119#24_TelnetParms.zDBG_Flags.zDBG_ConfTrace.<fieldname>			
zDBG_ConfTrc	BIT	1	DEBUG CONFIG TRACE
zDBG_ConfTrcOff	BIT	1	DEBUG CONFIG NOTRACE
zDBG_ConfTrcVOff	BIT	1	DEBUG CONFIG TRACE vary off
zDBG_ConfTrc_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONFIG TRACE Route

Secondary segment: **SMF119#24_LU**

Field Name	Type	Len	Description
SMF119#24_LU.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNLU eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) LU name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.

zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

SMF119#24_LU.zRng.<fieldname>

zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: SMF119#24_LU_Group

Field Name	Type	Len	Description
SMF119#24_LU_Group.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNLG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Group name.

SMF119#24_LU_Group.zFlag0.<fieldname>

zExit	BIT	1	EXIT defined with group.
-------	-----	---	--------------------------

SMF119#24_LU_Group.<fieldname>

zCapacity	INT	1	(IBM name: N/A) Capacity percentage.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

SMF119#24_LU_Group.zRng.<fieldname>

zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: **SMF119#24_SLU_Group**

Field Name	Type	Len	Description
<i>SMF119#24_SLU_Group.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNLG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Group name.

<i>SMF119#24_SLU_Group.zFlag0.<fieldname></i>			
zExit	BIT	1	EXIT defined with group.

<i>SMF119#24_SLU_Group.<fieldname></i>			
zCapacity	INT	1	(IBM name: N/A) Capacity percentage.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

<i>SMF119#24_SLU_Group.zRng.<fieldname></i>			
zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: **SMF119#24_APPL_group**

Field Name	Type	Len	Description
<i>SMF119#24_APPL_group.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNAG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Group name.

<i>SMF119#24_APPL_group.zFlag0.<fieldname></i>			
zExit	BIT	1	EXIT defined with group.

<i>SMF119#24_APPL_group.<fieldname></i>			
---	--	--	--

zCapacity	INT	1	(IBM name: N/A) Capacity percentage.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

SMF119#24_APPL_group.zRng.<fieldname>			
zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: **SMF119#24_Printer**

Field Name	Type	Len	Description
SMF119#24_Printer.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNPR eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Printer name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

SMF119#24_Printer.zRng.<fieldname>			
zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: **SMF119#24_PrintGroup**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF119#24_PrintGroup.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNPR eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Printer name.

<i>SMF119#24_PrintGroup.zFlag0.<fieldname></i>			
zExit	BIT	1	EXIT defined with group.

<i>SMF119#24_PrintGroup.<fieldname></i>			
zCapacity	INT	1	(IBM name: N/A) Capacity Percentage.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

<i>SMF119#24_PrintGroup.zRng.<fieldname></i>			
zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: **SMF119#24_SLU_Print**

Field Name	Type	Len	Description
<i>SMF119#24_SLU_Print.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNTP eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Group name.

<i>SMF119#24_SLU_Print.zFlag0.<fieldname></i>			
zExit	BIT	1	EXIT defined with group.

<i>SMF119#24_SLU_Print.<fieldname></i>			
zCapacity	INT	1	(IBM name: N/A) Capacity percentage.
zRngCnt	INT	4	

			(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
zCount	INT	4	(IBM name: N/A) Number of LUs that are defined.

SMF119#24_SLU_Print.zRng.<fieldname>

zRngLow	CHAR	8	(IBM name: N/A) Low value in range.
zRngHigh	CHAR	8	(IBM name: N/A) High value in range.
zRngRule	CHAR	8	(IBM name: N/A) Rule that defines this range. A value of C'FFFFFFFF'.

Secondary segment: SMF119#24_ParmsGroup

Field Name	Type	Len	Description
SMF119#24_ParmsGroup.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNPG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zPortIpAddr	IPADDRESS	16	(IBM name: N/A) Port Qualified IP address.
zGroupName	CHAR	8	(IBM name: N/A) ParmsGroup group name.

SMF119#24_ParmsGroup.zFlag00.<fieldname>

zPQ_Link	BIT	1	Port Qualification is LinkName
zPQ_IPaddr	BIT	1	Port Qualification is IP address.

SMF119#24_ParmsGroup.zFlag01.<fieldname>

zBinLMode	BIT	1	BINARYLINEMODE, otherwise NOBINARYLINEMODE
zCCConn	BIT	1	CHECKCLIENTCONN, otherwise NOCHECKCLIENTCONN
zCodePage	BIT	1	CODEPAGE, otherwise NOCODEPAGE
zDbcsTrace	BIT	1	DBCSTRACE, otherwise NODBCSTRACE
zDbcs	BIT	1	DBCSTRANSFORM, otherwise NODBCSTRANSFORM

SMF119#24_ParmsGroup.zFlag02.<fieldname>

zConnT_SSL	BIT	1	CONNTYPE SSL
zConnT_NegTSSL	BIT	1	CONNTYPE NETTSSL
zConnT_Any	BIT	1	CONNTYPE ANY
zConnT_Basic	BIT	1	CONNTYPE BASIC
zConnT_None	BIT	1	CONNTYPE NONE
zCIAuth_SSL	BIT	1	CLIENTAUTH SSL

zCIAuth_SAF	BIT	1	CLIENTAUTH SAF
zCIAuth_None	BIT	1	CLIENTAUTH None.

SMF119#24_ParmsGroup.zFlag03.<fieldname>

zDrpAscPrt	BIT	1	DROPASSOCPRINTER, otherwise NODROPASSOCPRINTER
zFDTrace	BIT	1	FULLDATATRACE, otherwise NOFULLDATATRACE
zFKR_SAF	BIT	1	KEYRING SAF 1
zFKR_MVS	BIT	1	KEYRING MVS
zFKR_HFS	BIT	1	KEYRING HFS
zLUSess_P	BIT	1	LUSESSIONPEND, otherwise NOLUSESSIONPEND
zMsg07	BIT	1	MSG07, otherwise NOMSG07

SMF119#24_ParmsGroup.zFlag04.<fieldname>

zOldSol	BIT	1	OLDSOLICITOR, otherwise NOOLDSOLICITOR
zPPhrase	BIT	1	PASSWORDPHRASE, otherwise NOPASSWORDPHRASE
zDisPPhrase	BIT	1	DISABLEPASSWORDPHRASE
zSecurePort	BIT	1	SECUREPORT, otherwise PORT 0
zTTLSPort	BIT	1	TTLSPORT, otherwise PORT 0
zRefMsg10	BIT	1	REFRESHMSG10, otherwise NOREFRESHMSG10
zSeqLu	BIT	1	SEQUENTIALLU, otherwise NOSEQUENTIALLU
zSGA	BIT	1	SGA, otherwise NOSGA or DISABLESGA

SMF119#24_ParmsGroup.zFlag05.<fieldname>

zSimCliLu	BIT	1	SIMCLIENTLU, otherwise NOSIMCLIENTLU
zSingleAttn	BIT	1	SINGLEATTN10, otherwise NOSINGLEATTN
zSMFInit119	BIT	1	SMFINIT TYPE119, otherwise SMFINIT NOTYPE119
zSMFTerm119	BIT	1	SMFTERM TYPE119, otherwise SMFTERM NOTYPE119
zSNAExt	BIT	1	SNAEXT, otherwise NOSNAEXT
zSSLV2	BIT	1	SSLV2, otherwise NOSSLV2
zSSLV3	BIT	1	SSLV3, otherwise NOSSLV3

SMF119#24_ParmsGroup.zFlag06.<fieldname>

zTKOGenLu	BIT	1	TKOGENLU
zTKOGenLuR	BIT	1	TKOGENLURecon
zTKOGKeepON	BIT	1	KEEPONTMRESET, otherwise NOKEEPONTMRESET
zTKOGSameIP	BIT	1	SAMEIPADDR, otherwise NOSAMEIPADDR
zTKOGSameCT	BIT	1	SAMECONNTYPE, otherwise NOSAMECONNTYPE
zExpLogonMFA	BIT	1	EXPRESSLOGONMFA, otherwise NOEXPRESSLOGONMFA
zMFAFallback	BIT	1	EXPRESSLOGONMFA FALLBACK, otherwise EXPRESSLOGONMFA NOFALLBACK

SMF119#24_ParmsGroup.zFlag07.<fieldname>

zTKOSpecLu	BIT	1	TKOSPECLU
zTKOSpecLuR	BIT	1	TKOSPECLUREcon
zTKOSKeepON	BIT	1	KEEPONTMRESET, otherwise NOKEEPONTMRESET
zTKOSSameIP	BIT	1	SAMEIPADDR, otherwise NOSAMEIPADDR

zTKOSSameCT	BIT	1	SAMECONNTYPE, otherwise NOSAMECONNTYPE
-------------	-----	---	--

SMF119#24_ParmsGroup.zFlag08.<fieldname>

zTN3270E	BIT	1	TN3270E, otherwise NOTN3270E
zUnlKybd_B	BIT	1	UNLOCK BeforeRead, otherwise UNLOCK AfterRead
zTN3270Bind	BIT	1	TN3270BIND, otherwise NOTN3270BIND

SMF119#24_ParmsGroup.<fieldname>

zProfId	INT	2	(IBM name: N/A) Profile Id.
zCConnSec	INT	4	(IBM name: N/A) CHECKCLIENTCONN sec.
zCConnMax	INT	4	(IBM name: N/A) CHECKCLIENTCONN maxconns.
zCodePage_A	CHAR	12	(IBM name: N/A) Codepage ASCII.
zCodePage_E	CHAR	12	(IBM name: N/A) Codepage EBCDIC.
zCipherCnt	INT	2	(IBM name: N/A) Number of ENCYRPTION algorithms.

SMF119#24_ParmsGroup.zV3Cipher.<fieldname>

zCipher	CHAR	2	(IBM name: N/A) ENCRYPTION algorithms.
---------	------	---	---

SMF119#24_ParmsGroup.<fieldname>

zKeyRingLen	INT	2	(IBM name: N/A) Length of TPKeyRing.
zInactSec	INT	4	(IBM name: N/A) INACTIVE sec.
zKeepInact	INT	4	(IBM name: N/A) KEEPINACTIVE sec.
zKeepLUSec	INT	4	(IBM name: N/A) KEEPLU sec.
zKeyRing	CHAR	256	(IBM name: N/A) KEYRING data set name. See zKeyRingLen last 255 bytes of name if the name is longer than 255.
zMaxRcv	INT	4	(IBM name: N/A) MAXRECEIVE bytes.
zMaxReqSess	INT	4	(IBM name: N/A) MAXREQSESS num_req.
zMax_RUChain	INT	4	(IBM name: N/A) MAXRUCHAIN num_RUs.
zMaxTcpSendQ	INT	4	(IBM name: N/A) MAXTCPSENDQ bytes.
zMaxVtamSend	INT	4	(IBM name: N/A) MAXVTAMSENDQ num_rpls.
zNacUserId	CHAR	8	(IBM name: N/A) NACUSERID NAC_name.
zPrtInact	INT	4	(IBM name: N/A) PRTINACTIVE sec.
zProfInact	INT	4	(IBM name: N/A) PROFILEINACTIVE sec.
zScan_Sec	INT	4	(IBM name: N/A) SCANINTERVAL sec1.

zTMark_Sec	INT	4	(IBM name: N/A) TIMEMARK sec2.
zSMFInit118	INT	1	(IBM name: N/A) SMFINIT nn.
zSMFTerm118	INT	1	(IBM name: N/A) SMFTERM nn.
zSSL_Sec	INT	4	(IBM name: N/A) SSLTIMEOUT sec.

SMF119#24_ParmsGroup.zTelnetDevice.<fieldname>

zLogmode	CHAR	8	(IBM name: N/A) TN3270 Logmode.
zELogmode	CHAR	8	(IBM name: N/A) TN3270E Logmode.

SMF119#24_ParmsGroup.<fieldname>

zTKOGLu_sec	INT	4	(IBM name: N/A) TKOGENLU sec.
zTKOSLu_sec	INT	4	(IBM name: N/A) TKOSPECLU sec.

SMF119#24_ParmsGroup.zDBG_Flags.<fieldname>**SMF119#24_ParmsGroup.zDBG_Flags.zDBG_ConnFlg.<fieldname>**

zDBG_ConnExc	BIT	1	DEBUG CONN EXCEPTION
zDBG_ConnSum	BIT	1	DEBUG CONN SUMMARY
zDBG_ConnDet	BIT	1	DEBUG CONN DETAIL
zDBG_ConnOFF	BIT	1	DEBUG CONN OFF
zDBG_ConnVOff	BIT	1	DEBUG CONN Vary off
zDBG_Conn_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONN Route

SMF119#24_ParmsGroup.zDBG_Flags.zDBG_ConnTrace.<fieldname>

zDBG_ConnTrc	BIT	1	DEBUG CONN TRACE
zDBG_ConnTrcOff	BIT	1	DEBUG CONN NOTRACE
zDBG_ConnTrcVOff	BIT	1	DEBUG CONN TRACE vary off
zDBG_ConnTrc_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONN Trace Route

SMF119#24_ParmsGroup.zDBG_Flags.zDBG_TaskFlg.<fieldname>

zDBG_TaskExc	BIT	1	DEBUG TASK EXCEPTION
zDBG_TaskDet	BIT	1	DEBUG TASK DETAIL
zDBG_TaskOff	BIT	1	DEBUG TASK OFF
zDBG_TaskVOff	BIT	1	DEBUG TASK Vary OFF
zDBG_Task_Route	BINT (ENUM)	2	(IBM name: N/A) Debug TASK Route

SMF119#24_ParmsGroup.zDBG_Flags.zDBG_ConfFlg.<fieldname>

zDBG_ConfExc	BIT	1	DEBUG CONFIG EXCEPTION
zDBG_ConfOff	BIT	1	DEBUG CONFIG OFF
zDBG_ConfVOff	BIT	1	DEBUG CONFIG Vary Off
zDBG_Conf_Route		2	

	BINT (ENUM)		(IBM name: N/A) Debug CONFIG Route
SMF119#24_ParmsGroup.zDBG_Flags.zDBG_ConfTrace.<fieldname>			
zDBG_ConfTrc	BIT	1	DEBUG CONFIG TRACE
zDBG_ConfTrcOff	BIT	1	DEBUG CONFIG NOTRACE
zDBG_ConfTrcVOff	BIT	1	DEBUG CONFIG TRACE vary off
zDBG_ConfTrc_Route	BINT (ENUM)	2	(IBM name: N/A) Debug CONFIG TRACE Route

Secondary segment: **SMF119#24_Monitor_Group**

Field Name	Type	Len	Description
SMF119#24_Monitor_Group.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNMG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Group name.

SMF119#24_Monitor_Group.zFlag0.<fieldname>			
zIncludeIP	BIT	1	Measure IP transit time.
zDynDR	BIT	1	Add the Definite Response (DR) request.
zAverages	BIT	1	Sliding averages calculated.
zBuckets	BIT	1	Time buckets used.

SMF119#24_Monitor_Group.<fieldname>			
zSampPeriod	INT	4	(IBM name: N/A) Sampling period for a sliding-window average.
zSampMult	INT	4	(IBM name: N/A) Averaging period multiplier.
zBndry1	INT	4	(IBM name: N/A) Bucket 1 boundary time.
zBndry2	INT	4	(IBM name: N/A) Bucket 2 boundary time.
zBndry3	INT	4	(IBM name: N/A) Bucket 3 boundary time.
zBndry4	INT	4	(IBM name: N/A) Bucket 4 boundary time Note: 1. Starting at offset 8(X'8'), this section is the layout of the TELNETPARMS section. TN3270E Telnet server profile record Client Identifier structure This structure describes the Telnet Client Identifier with the type and name of resources associated with the statements. This structure is found in several of the following sections.

Secondary segment: **SMF119#24_LinkGroup**

Field Name	Type	Len	Description
------------	------	-----	-------------

<i>SMF119#24_LinkGroup.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNLK eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	16	(IBM name: N/A) Group name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.

<i>SMF119#24_LinkGroup.zRng.<fieldname></i>			
zLinkName	CHAR	16	(IBM name: N/A) LINKNAME.

Secondary segment: **SMF119#24_IpGroup**

Field Name	Type	Len	Description
<i>SMF119#24_IpGroup.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNIG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	16	(IBM name: N/A) Group name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.

<i>SMF119#24_IpGroup.zRng.<fieldname></i>			
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'IPv4' => IpV4 family, 'IPv6' => IpV6 family.
zPrefix	INT	1	(IBM name: N/A) Prefix value.
zIpLow	IPADDRESS	16	(IBM name: N/A) Single IP address or first range IP address.
zIpa2	IPADDRESS	16	(IBM name: N/A) Second range IP address.

Secondary segment: **SMF119#24_UserGroup**

Field Name	Type	Len	Description
<i>SMF119#24_UserGroup.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNUG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	16	(IBM name: N/A) Group name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
<i>SMF119#24_UserGroup.zRng.<fieldname></i>			
zUserId	CHAR	8	(IBM name: N/A) A User ID.

Secondary segment: **SMF119#24_DestIPGroup**

Field Name	Type	Len	Description
<i>SMF119#24_DestIPGroup.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNDG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	16	(IBM name: N/A) Group name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngInx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.
<i>SMF119#24_DestIPGroup.zRng.<fieldname></i>			
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'IPv4' => IpV4 family, 'IPv6' => IpV6 family.
zPrefix	INT	1	(IBM name: N/A) Prefix value.
zIpLow	IPADDRESS	16	(IBM name: N/A) Single IP address or first range IP address.
zIp2	IPADDRESS	16	(IBM name: N/A) Second range IP address.

Secondary segment: **SMF119#24_HnGroup**

Field Name	Type	Len	Description
<i>SMF119#24_HnGroup.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNHG eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	16	(IBM name: N/A) Group name.
zRngCnt	INT	4	(IBM name: N/A) Total number of ranges in the group.
zRngIdx	INT	4	(IBM name: N/A) Index into ranges that are defined in this entry.
zRngNum	INT	4	(IBM name: N/A) Total number of ranges that are returned in this entry.

<i>SMF119#24_HnGroup.zRng.<fieldname></i>			
zHlen	INT	1	(IBM name: N/A) Host name length.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_AllowAppl_RestrictAppl**

Field Name	Type	Len	Description
<i>SMF119#24_AllowAppl_RestrictAppl.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNAR eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Application name.

<i>SMF119#24_AllowAppl_RestrictAppl.zFlag0.<fieldname></i>			
zAllow	BIT	1	On if AllowAppl
zRestrict	BIT	1	On if RestrictAppl
zADisc	BIT	1	Disconnect on AllowAppl
zAQSSess	BIT	1	Qsession on AllowAppl
zRDisc	BIT	1	Disconnect on RestrictAppl
zRQSess	BIT	1	Qsession on RestrictAppl
zRCertauth	BIT	1	CertPath on RestrictAppl
zRAllowPrt	BIT	1	RestrictAppl AllowPrinter.

<i>SMF119#24_AllowAppl_RestrictAppl.<fieldname></i>			
zQSessSec	INT	4	(IBM name: N/A) QSession seconds.

zLstCnt	INT	4	(IBM name: N/A) Number of items defined.
zLstIdx	INT	4	(IBM name: N/A) Index into items defined in entry.
zLstNum	INT	4	(IBM name: N/A) Number of items in this entry.

SMF119#24_AllowAppl_RestrictAppl.zLst.<fieldname>

zUser	CHAR	8	(IBM name: N/A) User ID.
zLug	CHAR	8	(IBM name: N/A) LU group name.

Secondary segment: SMF119#24_DefaultAppl

Field Name	Type	Len	Description
SMF119#24_DefaultAppl.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNDA eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zNetId	CHAR	8	(IBM name: N/A) Net ID.
zName	CHAR	8	(IBM name: N/A) Application name.

SMF119#24_DefaultAppl.zFlag0.<fieldname>

zLogAppl	BIT	1	LogAppl
zQInit	BIT	1	Qinit
zDefOnly	BIT	1	DefOnly
z1stOnly	BIT	1	1stOnly.

SMF119#24_DefaultAppl.zCLid.<fieldname>

zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddr is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddr is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	

			(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_PrtDefaultAppl**

Field Name	Type	Len	Description
<i>SMF119#24_PrtDefaultAppl.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNPA eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zNetId	CHAR	8	(IBM name: N/A) Net ID.
zName	CHAR	8	(IBM name: N/A) Application name.

<i>SMF119#24_PrtDefaultAppl.zFlag0.<fieldname></i>			
zLogAppl	BIT	1	LogAppl
zQInit	BIT	1	Qinit
zDefOnly	BIT	1	DefOnly
z1stOnly	BIT	1	1stOnly.

<i>SMF119#24_PrtDefaultAppl.zCLid.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddrx is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddrx is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_LineModeAppl**

Field Name	Type	Len	Description
<i>SMF119#24_LineModeAppl.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNLA eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zNetId	CHAR	8	(IBM name: N/A) Net ID.
zName	CHAR	8	(IBM name: N/A) Application name.

<i>SMF119#24_LineModeAppl.zFlag0.<fieldname></i>			
zLogAppl	BIT	1	LogAppl
zQInit	BIT	1	Qinit
zDefOnly	BIT	1	DefOnly
z1stOnly	BIT	1	1stOnly.

<i>SMF119#24_LineModeAppl.zCLid.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddr is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddr is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_MapAppl**

Field Name	Type	Len	Description
<i>SMF119#24_MapAppl.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNMA eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	

			(IBM name: N/A) TNTP index.
zNetId	CHAR	8	(IBM name: N/A) Net ID.
zName	CHAR	8	(IBM name: N/A) Application name.

Secondary segment: **SMF119#24_USSTCP**

Field Name	Type	Len	Description
<i>SMF119#24_USSTCP.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNUS eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Table name.

<i>SMF119#24_USSTCP.zCLid.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddr is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddr is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_INTERPTCP**

Field Name	Type	Len	Description
<i>SMF119#24_INTERPTCP.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNIT eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.

zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Table name.

SMF119#24_INTERPTCP.zCLid.<fieldname>

zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddrx is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddrx is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: SMF119#24_ParmsMap

Field Name	Type	Len	Description
SMF119#24_ParmsMap.<fieldname>			
zDesc	CHAR	4	(IBM name: N/A) TNPM eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) ParmsGroup name.

SMF119#24_ParmsMap.zCLid.<fieldname>

zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddrx is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddrx is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.

zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_LUMap**

Field Name	Type	Len	Description
<i>SMF119#24_LUMap.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNLM eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) LU or LUGROUP name.

<i>SMF119#24_LUMap.zFlag0.<fieldname></i>			
zKeepOpen	BIT	1	Keepopen
zSpecific	BIT	1	Specific
zGeneric	BIT	1	Generic
zLogAppl	BIT	1	LogAppl
zQInit	BIT	1	QINIT
zDefOnly	BIT	1	DefOnlyl
z1stOnly	BIT	1	FirstOnlyl.

<i>SMF119#24_LUMap.<fieldname></i>			
zDANetid	CHAR	8	(IBM name: N/A) Network ID.
zDAName	CHAR	8	(IBM name: SMF119TN_DAName) Application name.
zRname	CHAR	8	(IBM name: N/A) Printer LU or Printer LUGROUP.
zPName	CHAR	8	(IBM name: N/A) ParmsGroup name.

<i>SMF119#24_LUMap.zCLid.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddrx is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddrx is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	

			(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_PrtMap**

Field Name	Type	Len	Description
<i>SMF119#24_PrtMap.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNRM eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) Printer LU or PRTGROUP name.

<i>SMF119#24_PrtMap.zFlag0.<fieldname></i>			
zKeepOpen	BIT	1	Keepopen
zSpecific	BIT	1	Specific
zGeneric	BIT	1	Generic
zLogAppl	BIT	1	LogAppl
zQInit	BIT	1	QINIT
zDefOnly	BIT	1	DefOnlyl
z1stOnly	BIT	1	FirstOnlyl.

<i>SMF119#24_PrtMap.<fieldname></i>			
zDANetid	CHAR	8	(IBM name: N/A) Network ID.
zDAName	CHAR	8	(IBM name: SMF119TN_DAName) Application name.
zPName	CHAR	8	(IBM name: N/A) ParmsGroup name.

<i>SMF119#24_PrtMap.zCLid.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddrx is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddrx is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	

			(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Secondary segment: **SMF119#24_MonitorMap**

Field Name	Type	Len	Description
<i>SMF119#24_MonitorMap.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) TNMM eyecatcher.
zPortNum	INT	2	(IBM name: N/A) Port number.
zIndex	INT	2	(IBM name: N/A) TNTP index.
zName	CHAR	8	(IBM name: N/A) MonitorGroup name.

<i>SMF119#24_MonitorMap.zCLid.<fieldname></i>			
zType	INT (ENUM)	1	(IBM name: N/A) Type of Client Identifier. 'EMPTY' => Unknown type, 'USERID' => IDUser has a USERID, 'HNAME' => IDHname is a HOSTNAME, 'IPADDR' => IDIpAddrx is an IPADDR, 'USERGRP' => IDGrpName is a USERGRP, 'HNGRP' => IDGrpName is an HNGRP, 'IPGRP' => IDGrpName is an IPGRP, 'DESTIP' => IDIpAddrx is a DESTIP, 'LNKNAME' => IDLinkName is a LINKNAME, 'DIPGRP' => IDGrpName is a DESTIPGRP, 'LNKGRP' => IDGrpName is a LINKGRP, 'NULL' => No ID is associated.
zFamily	INT (ENUM)	1	(IBM name: N/A) IpAddress family. 'INet' => IpV4 family, 'INet6' => IpV6 family.
zHlen	INT	1	(IBM name: N/A) Length of host name.
zUser	CHAR	8	(IBM name: N/A) User ID.
zLinkName	CHAR	16	(IBM name: N/A) Link name.
zGrpName	CHAR	16	(IBM name: N/A) Group name.
zIPAddr	IPADDRESS	16	(IBM name: N/A) IP address.
zHName	CHAR	255	(IBM name: N/A) Host name.

Record Type 119 Subtype 32 - DVIPA Status Change**Primary Segment:**

- SMF119#32_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#32_DVIPA_Status_Change
- SMF119#32_Identification

Primary segment: SMF119#32_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#32_TCPIP_Statistics.<fieldname></i>			
SMF119#32_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#32_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to DVIPA status change section.
z1Len	INT	2	(IBM name: N/A) Length of DVIPA status change section.
z1Num	INT	2	(IBM name: N/A) Number of DVIPA status change sections.

Secondary segment: SMF119#32_Identification

Field Name	Type	Len	Description
<i>SMF119#32_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#32_DVIPA_Status_Change**

Field Name	Type	Len	Description
<i>SMF119#32_DVIPA_Status_Change.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 DVIPA address.
<i>SMF119#32_DVIPA_Status_Change.zFlags.<fieldname></i>			
zIPv6	BIT	1	If set, this record describes an IPv6 DVIPA address.
<i>SMF119#32_DVIPA_Status_Change.<fieldname></i>			
zOrigin	INT (ENUM)	1	(IBM name: N/A) The origin of this DVIPA and how it was configured to the stack.
zStatus	INT (ENUM)	1	(IBM name: N/A) The status of this DVIPA on the stack.
<i>SMF119#32_DVIPA_Status_Change.zOptions.<fieldname></i>			
zMoveImmed	BIT	1	
zMoveIdle	BIT	1	
zMoveNonDis	BIT	1	
zMoveDisrupt	BIT	1	
<i>SMF119#32_DVIPA_Status_Change.<fieldname></i>			
zRank	INT	2	(IBM name: N/A) The rank of this stack in the chain of backup stacks for this DVIPA. For entries where the zOrigin value is not 'Backup' or 'Define', this field does not apply and is set to X'FFFF'.
zActTime	TSTMP	8	(IBM name: N/A) DVIPA activation date & time or date & time when this DVIPA was activated on the local stack, either because the stack is the owner of the DVIPA or because the stack is a target for this DVIPA.

Record Type 119 Subtype 33 - DVIPA Removed**Primary Segment:**

- SMF119#33_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#33_DVIPA_Removed
- SMF119#33_Identification

Primary segment: SMF119#33_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#33_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#33_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#33_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to DVIPA removed section.
z1Len	INT	2	(IBM name: N/A) Length of DVIPA removed section.
z1Num	INT	2	(IBM name: N/A) Number of DVIPA removed sections.

Secondary segment: SMF119#33_Identification

Field Name	Type	Len	Description
<i>SMF119#33_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#33_DVIPA_Removed**

Field Name	Type	Len	Description
<i>SMF119#33_DVIPA_Removed.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 DVIPA address.
<i>SMF119#33_DVIPA_Removed.zFlags.<fieldname></i>			
zIPv6	BIT	1	If set, this record describes an IPv6 DVIPA address.
<i>SMF119#33_DVIPA_Removed.<fieldname></i>			
zOrigin	INT (ENUM)	1	(IBM name: N/A) The origin of this DVIPA and how it was configured to the stack.
zStatus	INT (ENUM)	1	(IBM name: N/A) The status of this DVIPA on the stack.
<i>SMF119#33_DVIPA_Removed.zOptions.<fieldname></i>			
zMoveImmed	BIT	1	
zMoveIdle	BIT	1	
zMoveNonDis	BIT	1	
zMoveDisrupt	BIT	1	
<i>SMF119#33_DVIPA_Removed.<fieldname></i>			
zRank	INT	2	(IBM name: N/A) The rank of this stack in the chain of backup stacks for this DVIPA. For entries where the zOrigin value is not 'Backup' or 'Define', this field does not apply and is set to X'FFFF'.

Record Type 119 Subtype 34 - DVIPA Target Added**Primary Segment:**

- SMF119#34_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#34_DVIPA_Target_Added
- SMF119#34_Identification

Primary segment: SMF119#34_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#34_TCPIP_Statistics.<fieldname></i>			
SMF119#34_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#34_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to DVIPA target added section.
z1Len	INT	2	(IBM name: N/A) Length of DVIPA target added section.
z1Num	INT	2	(IBM name: N/A) Number of DVIPA target added sections.

Secondary segment: SMF119#34_Identification

Field Name	Type	Len	Description
<i>SMF119#34_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#34_DVIPA_Target_Added**

Field Name	Type	Len	Description
<i>SMF119#34_DVIPA_Target_Added.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 DVIPA address.
zDxcfAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 dynamic XCF address of the target stack that was added.
<i>SMF119#34_DVIPA_Target_Added.zFlags.<fieldname></i>			
zIPv6	BIT	1	If set, DVIPA address and dynamic XCF address are IPv6.
zDestIPAll	BIT	1	If set, DESTIP ALL was specified on the VIPADISTRIBUTE DEFINE statement.
zDynPorts	BIT	1	If set, dynamic ports were specified for this VIPADISTRIBUTE DEFINE statement.
<i>SMF119#34_DVIPA_Target_Added.<fieldname></i>			
zPort	INT	2	(IBM name: N/A) The DVIPA distributed port number. If dynamic ports are in use for this target, this port number is 0.

Record Type 119 Subtype 35 - DVIPA Target Removed**Primary Segment:**

- SMF119#35_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#35_DVIPA_Target_Removed
- SMF119#35_Identification

Primary segment: SMF119#35_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#35_TCPIP_Statistics.<fieldname></i>			
SMF119#35_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

SMF119#35_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to DVIPA target removed section.
z1Len	INT	2	(IBM name: N/A) Length of DVIPA target removed section.
z1Num	INT	2	(IBM name: N/A) Number of DVIPA target removed sections.

Secondary segment: SMF119#35_Identification

Field Name	Type	Len	Description
<i>SMF119#35_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#35_DVIPA_Target_Removed**

Field Name	Type	Len	Description
<i>SMF119#35_DVIPA_Target_Removed.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 DVIPA address.
zDxcfAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 dynamic XCF address of the target stack that was removed.
<i>SMF119#35_DVIPA_Target_Removed.zFlags.<fieldname></i>			
zIPv6	BIT	1	If set, DVIPA address and dynamic XCF address are IPv6.
zDestIPAll	BIT	1	If set, DESTIP ALL was specified on the VIPADISTRIBUTE DELETE statement.
zDynPorts	BIT	1	If set, dynamic ports were specified for this target.
<i>SMF119#35_DVIPA_Target_Removed.<fieldname></i>			
zPort	INT	2	(IBM name: N/A) The DVIPA distributed port number. If dynamic ports are in use for this DVIPA, this port number might be 0.

Record Type 119 Subtype 36 - DVIPA Target Server started

Primary Segment:

- SMF119#36_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#36_DVIPA_Target_Server_Started
- SMF119#36_Identification

Primary segment: SMF119#36_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#36_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#36_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#36_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to DVIPA target server started section.
z1Len	INT	2	(IBM name: N/A) Length of DVIPA target server started section.
z1Num	INT	2	(IBM name: N/A) Number of DVIPA target server started sections.

Secondary segment: SMF119#36_Identification

Field Name	Type	Len	Description
<i>SMF119#36_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#36_DVIPA_Target_Server_Started**

Field Name	Type	Len	Description
<i>SMF119#36_DVIPA_Target_Server_Started.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 DVIPA address.
zDxcfAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 destination XCF address of the target stack on which the target server was added.
<i>SMF119#36_DVIPA_Target_Server_Started.zFlags.<fieldname></i>			
zIPv6	BIT	1	If set, DVIPA address and dynamic XCF address are IPv6.
<i>SMF119#36_DVIPA_Target_Server_Started.<fieldname></i>			
zPort	INT	2	(IBM name: N/A) The DVIPA distributed port number.
zSReadyCount	INT	4	(IBM name: N/A) The number of servers on the indicated target stack that are ready to service connection requests for the indicated port.

Record Type 119 Subtype 37 - DVIPA Target Server ended**Primary Segment:**

- SMF119#37_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#37_DVIPA_Target_Server_Ended
- SMF119#37_Identification

Primary segment: SMF119#37_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#37_TCPIP_Statistics.<fieldname></i>			
SMF119#37_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#37_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to DVIPA target server ended section.
z1Len	INT	2	(IBM name: N/A) Length of DVIPA target server ended section.
z1Num	INT	2	(IBM name: N/A) Number of DVIPA target server ended sections.

Secondary segment: SMF119#37_Identification

Field Name	Type	Len	Description
<i>SMF119#37_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#37_DVIPA_Target_Server_Ended**

Field Name	Type	Len	Description
<i>SMF119#37_DVIPA_Target_Server_Ended.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 DVIPA address.
zDxcfAddr	IPADDRESS	16	(IBM name: N/A) If zFlags 'IPv6' is set, this field contains the IPv6 destination XCF address of the target stack on which the target server was added.
<i>SMF119#37_DVIPA_Target_Server_Ended.zFlags.<fieldname></i>			
zIPv6	BIT	1	If set, DVIPA address and dynamic XCF address are IPv6.
<i>SMF119#37_DVIPA_Target_Server_Ended.<fieldname></i>			
zPort	INT	2	(IBM name: N/A) The DVIPA distributed port number.
zSReadyCount	INT	4	(IBM name: N/A) The number of servers on the indicated target stack that are ready to service connection requests for the indicated port.

Record Type 119 Subtype 38 - SMC-D Link Statistics

Primary Segment:

- [SMF119#38_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#38_Identification](#)
- [SMF119#38_SMC_D_Link_Statistics](#)

Primary segment: [SMF119#38_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#38_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#38_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#38_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first SMC-D link specific section.
z1Len	INT	2	(IBM name: N/A) Length of each SMC-D link specific section.
z1Num	INT	2	(IBM name: N/A) Number of SMC-D link specific sections.

Secondary segment: [SMF119#38_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#38_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#38_SMC_D_Link_Statistics

Field Name	Type	Len	Description
<i>SMF119#38_SMC_D_Link_Statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of stack recording interval.
zLclLnkId	INT	4	(IBM name: N/A) Local SMC-D link ID.
zRmtLnkId	INT	4	(IBM name: N/A) Remote SMC-D link ID.
zLclGID	CHAR	8	(IBM name: N/A) Local GID.
zRmtGID	CHAR	8	(IBM name: N/A) Remote GID.
zVLANId	INT	2	(IBM name: N/A) VLAN ID.
zIntfIndex	INT	4	(IBM name: N/A) Interface index.
zIntfName	CHAR	16	(IBM name: N/A) Interface name.
zBytesIn	INT	8	(IBM name: N/A) Bytes received across this SMC-D link.
zInOperations	INT	8	(IBM name: N/A) Inbound operations across this SMC-D link.
zBytesOut	INT	8	(IBM name: N/A) Bytes sent across this SMC-D link.
zOutOperations	INT	8	(IBM name: N/A) Outbound operations across this SMC-D link.
zTCPConnTotal	INT	4	(IBM name: N/A) Total number of TCP connections established across this SMC-D link.
zTCPConnCurr	INT	4	

			(IBM name: N/A) Current number of TCP connections across this SMC-D link.
zTCPConn_hwi	INT	4	(IBM name: N/A) Highest number of TCP connections that were active at one time across this SMC-D link during this interval.
zRcvBufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage that is in use for inbound processing.
z64BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 64 KB blocks that is in use for inbound processing.
z128BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 128 KB blocks that is in use for inbound processing.
z256BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 256 KB blocks that is in use for inbound processing.
zOthBufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in blocks greater than 256 KB that is in use for inbound processing.
zRcvBufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of total fixed 64-bit storage that was in use for outbound processing in this interval.
z64BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 64 KB blocks that was in use for outbound processing in this interval.
z128BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 128 KB blocks that was in use for outbound processing in this interval.
z256BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 256 KB blocks that was in use for outbound processing in this interval.
zOthBufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in blocks greater than 256 KB that was in use for outbound processing in this interval.
zPNetID	CHAR	16	(IBM name: N/A) Physical network ID.

Record Type 119 Subtype 39 - SMC-D Link State Start

Primary Segment:

- [SMF119#39_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#39_Identification](#)
- [SMF119#39_SMC_D_Link_State_Start](#)

Primary segment: [SMF119#39_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#39_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#39_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#39_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first SMC-D link state start section.
z1Len	INT	2	(IBM name: N/A) Length of each SMC-D link state start section.
z1Num	INT	2	(IBM name: N/A) Number of SMC-D link state start sections.

Secondary segment: [SMF119#39_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#39_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#39_SMC_D_Link_State_Start**

Field Name	Type	Len	Description
<i>SMF119#39_SMC_D_Link_State_Start.<fieldname></i>			
zLclGID	CHAR	8	(IBM name: N/A) Local GID.
zRmtGID	CHAR	8	(IBM name: N/A) Remote GID.
zVLANId	INT	2	(IBM name: N/A) VLAN ID.
zLclLnkId	INT	4	(IBM name: N/A) Local SMC-D link ID.
zRmtLnkId	INT	4	(IBM name: N/A) Remote SMC-D link ID.
zSTime	TSTMP	8	(IBM name: N/A) SMC-D link start time & date.
zSSTCK	TSTMP	8	(IBM name: N/A) MVS TOD clock value at time the SMC-D link was started.

Record Type 119 Subtype 40 - SMC-D Link State End**Primary Segment:**

- SMF119#40_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#40_Identification
- SMF119#40_SMC_D_Link_State_End

Primary segment: SMF119#40_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#40_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#40_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#40_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first SMC-D link state end section.
z1Len	INT	2	(IBM name: N/A) Length of each SMC-D link state end section.
z1Num	INT	2	(IBM name: N/A) Number of SMC-D link state end sections.

Secondary segment: SMF119#40_Identification

Field Name	Type	Len	Description
<i>SMF119#40_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#40_SMC_D_Link_State_End

Field Name	Type	Len	Description
<i>SMF119#40_SMC_D_Link_State_End.<fieldname></i>			
zLclGID	CHAR	8	(IBM name: N/A) Local GID.
zRmtGID	CHAR	8	(IBM name: N/A) Remote GID.
zVLANId	INT	2	(IBM name: N/A) VLAN ID.
zLclLnkId	INT	4	(IBM name: N/A) Local SMC-D link ID.
zRmtLnkId	INT	4	(IBM name: N/A) Remote SMC-D link ID.
zSTime	TSTMP	8	(IBM name: N/A) SMC-D link start time & date.
zSSTCK	TSTMP	8	(IBM name: N/A) MVS TOD clock value at time the SMC-D link was started.
zETime	TSTMP	8	(IBM name: N/A) SMC-D link end time & date.
zESTCK	TSTMP	8	(IBM name: N/A) MVS TOD clock value at time that the SMC-D link was ended.
zBytesIn	INT	8	(IBM name: N/A) Bytes received across this SMC-D link.
zInOperations	INT	8	(IBM name: N/A) Inbound operations across this SMC-D link.
zBytesOut	INT	8	(IBM name: N/A) Bytes sent across this SMC-D link.
zOutOperations	INT	8	(IBM name: N/A) Outbound operations across this SMC-D link.
zTCPConnTotal	INT	4	

			(IBM name: N/A) Total number of TCP connections that used this SMC-D link.
zTCPConn_hwt	INT	4	(IBM name: N/A) Highest number of TCP connections that were active at one time across this SMC-D link.
zRcvBufInuse_hwt	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage that was in use for outbound processing during the life of this SMC-D link.
z64BufInuse_hwt	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 64 KB blocks that was in use for outbound processing during the life of this SMC-D link.
z128BufInuse_hwt	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 128 KB blocks that was in use for outbound processing during the life of this SMC-D link.
z256BufInuse_hwt	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 256 KB blocks that was in use for outbound processing during the life of this SMC-D link.
zOthBufInuse_hwt	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in blocks greater than 256 KB that was in use for outbound processing during the life of this SMC-D link.

Record Type 119 Subtype 41 - SMC-R Link Statistics

Primary Segment:

- **SMF119#41_TCPIP_Statistics**

Secondary Segment(s): 3 (in alphabetical order)

- **SMF119#41_Identification**
- **SMF119#41_SMC_R_Link_Group_Statistics**
- **SMF119#41_SMC_R_Link_Statistics**

Primary segment: **SMF119#41_TCPIP_Statistics**

Field Name	Type	Len	Description
<i>SMF119#41_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#41_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#41_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first SMC-R link group specific section.
z1Len	INT	2	(IBM name: N/A) Length of each SMC-R link group specific section.
z1Num	INT	2	(IBM name: N/A) Number of SMC-R link group specific sections.
z2Off	INT	4	(IBM name: N/A) Offset to first SMC-R link specific section.
z2Len	INT	2	(IBM name: N/A) Length of each SMC-R link specific section.
z2Num	INT	2	(IBM name: N/A) Number of SMC-R link specific sections.

Secondary segment: SMF119#41_Identification

Field Name	Type	Len	Description
<i>SMF119#41_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#41_SMC_R_Link_Group_Statistics

Field Name	Type	Len	Description
<i>SMF119#41_SMC_R_Link_Group_Statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of stack recording interval.
zLnkGrpld	INT	3	(IBM name: N/A) SMC-R link group ID.
zRcvBufTotal	INT	4	(IBM name: N/A) Current total amount of fixed 64-bit storage allocated for SMC-R inbound processing.
z32BufTotal	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 32-KB blocks for SMC-R inbound processing.
z64BufTotal	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 64-KB blocks for SMC-R inbound processing.
z128BufTotal	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 128-KB blocks for SMC-R inbound processing.
z256BufTotal	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 256-KB blocks for SMC-R inbound processing.
zOthBufTotal	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in blocks greater than 256 KB for SMC-R inbound processing.

zRcvBufTotal_hwi	INT	4	(IBM name: N/A) Highest amount of total fixed 64-bit storage allocated for SMC-R inbound processing at any time during this interval.
z32BufTotal_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 32-KB blocks for SMC-R inbound processing at any time during this interval.
z64BufTotal_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 64-KB blocks for SMC-R inbound processing at any time during this interval.
z128BufTotal_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 128-KB blocks for SMC-R inbound processing at any time during this interval.
z256BufTotal_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 256-KB blocks for SMC-R inbound processing at any time during this interval.
zOthBufTotal_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in blocks greater than 256 KB for SMC-R inbound processing at any time during this interval.
zPNetID	CHAR	16	(IBM name: N/A) Physical network ID.

Secondary segment: **SMF119#41_SMC_R_Link_Statistics**

Field Name	Type	Len	Description
<i>SMF119#41_SMC_R_Link_Statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of stack recording interval.
zLclLnkld	INT	4	(IBM name: N/A) Local SMC-R link ID.
zRmtLnkld	INT	4	(IBM name: N/A) Remote SMC-R link ID.
zLclGID	CHAR	16	(IBM name: N/A) Local GID.
zRmtGID	CHAR	16	(IBM name: N/A) Remote GID.
zLclMACAddr	HEX	6	(IBM name: N/A) Local MAC address.
zRmtMACAddr	HEX	6	(IBM name: N/A) Remote MAC address.
zMTU	INT	2	(IBM name: N/A) MTU size.
zVLANId	INT	2	(IBM name: N/A) VLAN ID.
zLclQP	INT	3	(IBM name: N/A) Local queue pair (QP).
zRmtQP	INT	3	(IBM name: N/A) Remote QP.
zLnkGrpld	INT	3	(IBM name: N/A) SMC-R link group ID.
zIntfIndex	INT	4	(IBM name: N/A) Interface index.
zIntfName	CHAR	16	(IBM name: N/A) Interface name.
zBytesIn	INT	8	(IBM name: N/A) Bytes received across this SMC-R link.

zInOperations	INT	8	(IBM name: N/A) Inbound operations across this SMC-R link.
zBytesOut	INT	8	(IBM name: N/A) Bytes sent across this SMC-R link.
zOutOperations	INT	8	(IBM name: N/A) Outbound operations across this SMC-R link.
zTCPConnTotal	INT	4	(IBM name: N/A) Total number of TCP connections established across this SMC-R link.
zTCPConnCurr	INT	4	(IBM name: N/A) Current number of TCP connections across this SMC-R link.
zTCPConn_hwi	INT	4	(IBM name: N/A) Highest number of TCP connections that were active at one time across this SMC-R link during this interval.
zRcvBufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage that is in use for inbound processing.
z32BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 32-KB blocks that is in use for inbound processing.
z64BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 64-KB blocks that is in use for inbound processing.
z128BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 128-KB blocks that is in use for inbound processing.
z256BufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in 256-KB blocks that is in use for inbound processing.
zOthBufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage allocated in blocks greater than 256 KB that is in use for inbound processing.
zRcvBufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of total fixed 64-bit storage that was in use for outbound processing in this interval.
z32BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 32-KB blocks that was in use for outbound processing in this interval.
z64BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 64-KB blocks that was in use for outbound processing in this interval.
z128BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 128-KB blocks that was in use for outbound processing in this interval.
z256BufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in 256-KB blocks that was in use for outbound processing in this interval.
zOthBufInuse_hwi	INT	4	(IBM name: N/A) Highest amount of fixed 64-bit storage allocated in blocks greater than 256 KB that was in use for outbound processing in this interval.

Record Type 119 Subtype 42 - SMC-R Link State Start**Primary Segment:**

- **SMF119#42_TCPIP_Statistics**

Secondary Segment(s): 2 (in alphabetical order)

- **SMF119#42_Identification**
- **SMF119#42_SMC_R_Link_State_Start**

Primary segment: SMF119#42_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#42_TCPIP_Statistics.<fieldname></i>			
SMF119#42_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#42_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first SMC-R link state start section.
z1Len	INT	2	(IBM name: N/A) Length of each SMC-R link state start section.
z1Num	INT	2	(IBM name: N/A) Number of SMC-R link state start sections.

Secondary segment: SMF119#42_Identification

Field Name	Type	Len	Description
<i>SMF119#42_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#42_SMC_R_Link_State_Start**

Field Name	Type	Len	Description
<i>SMF119#42_SMC_R_Link_State_Start.<fieldname></i>			
zLclGID	CHAR	16	(IBM name: N/A) Local GID.
zRmtGID	CHAR	16	(IBM name: N/A) Remote GID.
zLclMACAddr	HEX	6	(IBM name: N/A) Local MAC address.
zRmtMACAddr	HEX	6	(IBM name: N/A) Remote MAC address.
zVLANId	INT	2	(IBM name: N/A) VLAN ID.
zLclQP	INT	3	(IBM name: N/A) Local queue pair (QP).
zRmtQP	INT	3	(IBM name: N/A) Remote QP.
zLclLnkId	INT	4	(IBM name: N/A) Local SMC-R link ID.
zRmtLnkId	INT	4	(IBM name: N/A) Remote SMC-R link ID.
zLnkGrpId	INT	3	(IBM name: N/A) SMC-R link group ID.
zSTime	TSTMP	8	(IBM name: N/A) SMC-R link start time & date.
zSSTCK	TSTMP	8	(IBM name: N/A) MVS TOD clock value at time the SMC-R link was started.

Record Type 119 Subtype 43 - SMC-R Link State End**Primary Segment:**

- SMF119#43_TCPIP_Statistics

Secondary Segment(s): 2 (in alphabetical order)

- SMF119#43_Identification
- SMF119#43_SMC_R_link_state_end

Primary segment: SMF119#43_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#43_TCPIP_Statistics.<fieldname></i>			
SMF119#43_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#43_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first SMC-R link state end section.
z1Len	INT	2	(IBM name: N/A) Length of each SMC-R link state end section.
z1Num	INT	2	(IBM name: N/A) Number of SMC-R link state end sections.

Secondary segment: SMF119#43_Identification

Field Name	Type	Len	Description
<i>SMF119#43_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#43_SMC_R_link_state_end

Field Name	Type	Len	Description
<i>SMF119#43_SMC_R_link_state_end.<fieldname></i>			
zSM_LTLclGID	CHAR	16	(IBM name: SMF119SM_LTLclGID) Local GID.
zSM_LTRmtGID	CHAR	16	(IBM name: SMF119SM_LTRmtGID) Remote GID.
zSM_LTLclMACAddr	HEX	6	(IBM name: SMF119SM_LTLclMACAddr) Local MAC address.
zSM_LTRmtMACAddr	HEX	6	(IBM name: SMF119SM_LTRmtMACAddr) Remote MAC address.
zSM_LTVLANId	INT	2	(IBM name: SMF119SM_LTVLANId) VLAN ID.
zSM_LTLclQP	INT	3	(IBM name: SMF119SM_LTLclQP) Local queue pair (QP).
zSM_LTRmtQP	INT	3	(IBM name: SMF119SM_LTRmtQP) Remote QP.
zSM_LTLclLnkId	INT	4	(IBM name: SMF119SM_LTLclLnkId) Local SMC-R link ID.
zSM_LTRmtLnkId	INT	4	(IBM name: SMF119SM_LTRmtLnkId) Remote SMC-R link ID.
zSM_LTLnkGrpId	INT	3	(IBM name: SMF119SM_LTLnkGrpId) SMC-R link group ID.
zSTime	TSTMP	8	(IBM name: N/A) SMC-R link start time & date.
zSSTCK	TSTMP	8	(IBM name: N/A) MVS TOD clock value at time the SMC-R link was started.
zETime	TSTMP	8	(IBM name: N/A) SMC-R link end time & date.
zESTCK	TSTMP	8	

			(IBM name: N/A) MVS TOD clock value at time that the SMC-R link was ended.
zSM_LTBytesIn	INT	8	(IBM name: SMF119SM_LTBytesIn) Bytes received across this SMC-R link.
zSM_LTInOperations	INT	8	(IBM name: SMF119SM_LTInOperations) Inbound operations across this SMC-R link.
zSM_LTBytesOut	INT	8	(IBM name: SMF119SM_LTBytesOut) Bytes sent across this SMC-R link.
zSM_LTOutOperations	INT	8	(IBM name: SMF119SM_LTOutOperations) Outbound operations across this SMC-R link.
zSM_LTTCPConnTotal	INT	4	(IBM name: SMF119SM_LTTCPConnTotal) Total number of TCP connections that used this SMC-R link.
zSM_LTTCPConn_hwt	INT	4	(IBM name: SMF119SM_LTTCPConn_hwt) Highest number of TCP connections that were active at one time across this SMC-R link.
zSM_LTRcvBufInuse_hwt	INT	4	(IBM name: SMF119SM_LTRcvBufInuse_hwt) Highest amount of fixed 64-bit storage that was in use for outbound processing during the life of this SMC-R link.
zSM_LT32BufInuse_hwt	INT	4	(IBM name: SMF119SM_LT32BufInuse_hwt) Highest amount of fixed 64-bit storage allocated in 32 KB blocks that was in use for outbound processing during the life of this SMC-R link.
zSM_LT64BufInuse_hwt	INT	4	(IBM name: SMF119SM_LT64BufInuse_hwt) Highest amount of fixed 64-bit storage allocated in 64 KB blocks that was in use for outbound processing during the life of this SMC-R link.
zSM_LT128BufInuse_hwt	INT	4	(IBM name: SMF119SM_LT128BufInuse_hwt) Highest amount of fixed 64-bit storage allocated in 128 KB blocks that was in use for outbound processing during the life of this SMC-R link.
zSM_LT256BufInuse_hwt	INT	4	(IBM name: SMF119SM_LT256BufInuse_hwt) Highest amount of fixed 64-bit storage allocated in 256 KB blocks that was in use for outbound processing during the life of this SMC-R link.
zSM_LTOthBufInuse_hwt	INT	4	(IBM name: SMF119SM_LTOthBufInuse_hwt) Highest amount of fixed 64-bit storage allocated in blocks greater than 256 KB that was in use for outbound processing during the life of this SMC-R link.

Record Type 119 Subtype 44 - RNIC Interface Statistics

Primary Segment:

- [SMF119#44_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#44_Identification](#)
- [SMF119#44_RNIC_Interface_Statistics](#)

Primary segment: [SMF119#44_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#44_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#44_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#44_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first RNIC interface section.
z1Len	INT	2	(IBM name: N/A) Length of each RNIC interface section.
z1Num	INT	2	(IBM name: N/A) Number of RNIC interface sections.

Secondary segment: [SMF119#44_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#44_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#44_RNIC_Interface_Statistics**

Field Name	Type	Len	Description
<i>SMF119#44_RNIC_Interface_Statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of stack recording interval.
zNam	CHAR	16	(IBM name: N/A) Interface name.
zPNetID	CHAR	16	(IBM name: N/A) Physical network ID.
zBytesIn	INT	8	(IBM name: N/A) Bytes received across this 'RoCE Express' interface.
zInOperations	INT	8	(IBM name: N/A) Inbound operations across this 'RoCE Express' interface.
zBytesOut	INT	8	(IBM name: N/A) Bytes sent across this 'RoCE Express' interface.
zOutOperations	INT	8	(IBM name: N/A) Outbound operations across this 'RoCE Express' interface.
zSMCLinks	INT	4	(IBM name: N/A) Total number of SMC-R links established across this 'RoCE Express' interface.
zTCPConns	INT	4	(IBM name: N/A) Total number of TCP connections established across this 'RoCE Express' interface.
zRcvBufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage that is in use for inbound processing.

<i>SMF119#44_RNIC_Interface_Statistics.zFlags.<fieldname></i>			
zPNetIdx	BIT	1	PNetID provided. If on, zPNetID contains the Physical network ID.
zAssocRNIC	BIT	1	Associated RNIC interface. If on, this interface is associated with those active interfaces that the SMF 119 subtype 6 records return. The SMF

			subtype 6 records have the following attributes: 1. The interface is defined by the INTERFACE statement with CHPID TYPE OSD. 2. The interface is enabled for SMC-R. 3. The zPNetID value that is reported for the 'RoCE Express' interface matches the zPNetID value that is reported for the OSD interface. An associated RNIC interface can be used for SMC-R links and load balancing.
--	--	--	---

SMF119#44_RNIC_Interface_Statistics.<fieldname>			
zGen	INT (ENUM)	1	(IBM name: N/A) 'RoCE Express' feature generation level. 'Express' => IBM 10 GbE RoCE Express feature, 'Express2' => IBM 10 GbE RoCE Express2 feature.
zSpeed	INT	4	(IBM name: N/A) HSpeed.

Record Type 119 Subtype 45 - ISM Interface Statistics

Primary Segment:

- [SMF119#45_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#45_Identification](#)
- [SMF119#45_ISM_Interface_Statistics](#)

Primary segment: [SMF119#45_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#45_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#45_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#45_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets in this record (3).
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to first ISM interface section.
z1Len	INT	2	(IBM name: N/A) Length of each ISM interface section.
z1Num	INT	2	(IBM name: N/A) Number of ISM interface sections.

Secondary segment: [SMF119#45_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#45_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	

			(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#45_ISM_Interface_Statistics**

Field Name	Type	Len	Description
<i>SMF119#45_ISM_Interface_Statistics.<fieldname></i>			
zDuration	TIME	8	(IBM name: N/A) Duration of stack recording interval.
zName	CHAR	16	(IBM name: N/A) Interface name.
zPNetID	CHAR	16	(IBM name: N/A) Physical network ID.
zBytesIn	INT	8	(IBM name: N/A) Bytes received across this ISM interface.
zInOperations	INT	8	(IBM name: N/A) Inbound operations across this ISM interface.
zBytesOut	INT	8	(IBM name: N/A) Bytes sent across this ISM interface.
zOutOperations	INT	8	(IBM name: N/A) Outbound operations across this ISM interface.
zSMCLinks	INT	4	(IBM name: N/A) Total number of SMC-D links established across this ISM interface.
zTCPConns	INT	4	(IBM name: N/A) Total number of TCP connections established across this ISM interface.
zRcvBufInuse	INT	4	(IBM name: N/A) Current amount of fixed 64-bit storage that is in use for inbound processing.

<i>SMF119#45_ISM_Interface_Statistics.zFlags.<fieldname></i>			
zPNetIdx	BIT	1	PNetID provided. If on, zPNetID contains the Physical network ID.
zAssocISM	BIT	1	Associated ISM interface. This flag applies to only active ISM interfaces. If set, this ISM interface is associated with those active IPAQIDIO, IPAQIDIO6, IPAQENET and IPAQENET6 interfaces that have all of the following attributes: 1. The interface is defined by the INTERFACE

		statement, and for IPAQENET and IPAQENET6 with CHIPTYPE OSD. 2. The interface is enabled for SMC-D. 3. The zPNetID value reported for the ISM interface matches the zPNetID value reported for the OSD, or HiperSockets interface.
--	--	--

Record Type 119 Subtype 48 - CSSMTP Configuration

Primary Segment:

- [SMF119#48_TCPIP_Statistics](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF119#48_CSSMTP_Common_Info](#)
- [SMF119#48_CSSMTP_Config_Command](#)
- [SMF119#48_CSSMTP_Config_Data](#)
- [SMF119#48_CSSMTP_Start_or_Refresh](#)
- [SMF119#48_CSSMTP_Target_Servers](#)
- [SMF119#48_Identification](#)

Primary segment: [SMF119#48_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#48_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#48_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#48_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to CSSMTP common information section.
z1Len	INT	2	(IBM name: N/A) Length of CSSMTP common information section.
z1Num	INT	2	(IBM name: N/A) Number of CSSMTP common information sections.
z2Off	INT	4	(IBM name: N/A) Offset of CSSMTP configuration section.
z2Len	INT	2	(IBM name: N/A) Length of CSSMTP configuration section.
z2Num	INT	2	(IBM name: N/A) Number of CSSMTP configuration sections.
z3Off	INT	4	(IBM name: N/A) Offset to CSSMTP target server section.

z3Len	INT	2	(IBM name: N/A) Length of CSSMTP target server section.
z3Num	INT	2	(IBM name: N/A) Number of CSSMTP target server sections.
z4Off	INT	4	(IBM name: N/A) Offset to CSSMTP configuration data section.
z4Len	INT	2	(IBM name: N/A) Length of CSSMTP configuration data section.
z4Num	INT	2	(IBM name: N/A) Number of CSSMTP configuration data sections.
z5Off	INT	4	(IBM name: N/A) Offset to CSSMTP command data section.
z5Len	INT	2	(IBM name: N/A) Length of CSSMTP command data section.
z5Num	INT	2	(IBM name: N/A) Number of CSSMTP command data sections.

Secondary segment: SMF119#48_Identification

Field Name	Type	Len	Description
<i>SMF119#48_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#48_CSSMTP_Common_Info

Field Name	Type	Len	Description
<i>SMF119#48_CSSMTP_Common_Info.<fieldname></i>			
zJOBNAME	CHAR	8	

			(IBM name: N/A) Jobname.
zEntry	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP JOB card for this job recognised on reader.
zUSERID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zEXTWRT	CHAR	8	(IBM name: N/A) External writer name.
zJes	CHAR	4	(IBM name: N/A) JES subsystem name.

Secondary segment: **SMF119#48_CSSMTP_Start_or_Refresh**

Field Name	Type	Len	Description
<i>SMF119#48_CSSMTP_Start_or_Refresh.<fieldname></i>			
SMF119#48_CSSMTP_Start_or_Refresh.zFlags.<fieldname>			
zTargets	BIT	1	Target servers updated.
zNtarget	BIT	1	Non-target data updated.
zWarning	BIT	1	Warning issued on update.
zModify	BIT	1	MODIFY REFRESH update.
zIpV4ONLY	BIT	1	IPv4 stack. TCP/IP stack is IPV4 only.
zDateHdr	BIT	1	Header Date. 0-No 1-Yes
zUserInfo	BIT	1	Header UserInfo. 0-No 1-Yes
zNullTrnc	BIT	1	Truncate NullTrnc. 0-No 1-Yes
zTestMode	BIT	1	Testmode. 0-No 1-Yes
zDataTrnc	BIT	1	DataLineTrunc. 0-No 1-Yes
zTLSEhlo	BIT	1	TLSEhlo. 0=No 1=Yes
zSmfCfg	BIT	1	SMF119 Config. 0-No 1-Yes
zSmfConn	BIT	1	SMF119 Connect. 0-No 1-Yes
zSmfMail	BIT	1	SMF119 Mail. 0-No 1-Yes
zSmfSpool	BIT	1	SMF119 Spool. 0-No 1-Yes
zSmfStats	BIT	1	SMF119 Stats. 0-No 1-Yes

SMF119#48_CSSMTP_Start_or_Refresh.<fieldname>			
zCfmPidId	INT	4	(IBM name: N/A) Process ID value.
zBadSpool	INT (ENUM)	4	(IBM name: N/A) Value from the BadSpoolDisp statement.
zChkPtSz	INT	4	(IBM name: N/A) Check Point Size Limit (statement CkpPointSizeLimit).
zExtWrt	CHAR	8	(IBM name: N/A) External Writer name (statement ExtWrtName).
zTcpiP	CHAR	8	(IBM name: N/A) TCPIP name parameter.
zJesJobSz	INT	4	(IBM name: N/A) JESJobSize.
zJesMsgSz	INT	4	(IBM name: N/A) JESMsgSize.

zLogLevel	INT	4	(IBM name: N/A) LogLevel.
zReport	INT (ENUM)	4	(IBM name: N/A) Report statement settings.
zRtyCount	INT	4	(IBM name: N/A) Retry count value from the RetryLimit statement.
zRtyIntvl	INT	4	(IBM name: N/A) Retry interval value from the RetryLimit statement.
zAnyCmd	INT	4	(IBM name: N/A) Timeout AnyCmd.
zConnRty	INT	4	(IBM name: N/A) Timeout ConnectRetry.
zDataBlk	INT	4	(IBM name: N/A) Timeout DataBlock.
zDataCmd	INT	4	(IBM name: N/A) Timeout DATACmd.
zDataEOM	INT	4	(IBM name: N/A) Timeout DataTerm.
zInitMsg	INT	4	(IBM name: N/A) Timeout InitalMsg.
zMailCmd	INT	4	(IBM name: N/A) Timeout MAILCmd.
zRCPTCmd	INT	4	(IBM name: N/A) Timeout RCPTCmd.
zChkPnt	INT (ENUM)	4	(IBM name: N/A) Checkpoint options.
zCfgCP	CHAR	20	(IBM name: N/A) Configuration file code page from the CSSMTP_CODEPAGE_CONFIG environment variable.
zCodePage	CHAR	20	(IBM name: N/A) TRANSLATE.
zRtnTo	INT (ENUM)	4	(IBM name: N/A) Undeliverable ReturnToMailFrom.
zDeadAct	INT (ENUM)	4	(IBM name: N/A) Undeliverable DeadLetterAction.
zUserExit	INT (ENUM)	4	(IBM name: N/A) Userexit version.
zErtAge	INT	4	(IBM name: N/A) Extended retry age (in days).
zErtIntvl	INT	4	(IBM name: N/A) Extended retry interval (in minutes).
zJESSynMax	INT	4	(IBM name: N/A) Maximum number of syntax errors that are acceptable in a JES spool file.
zConnIdle	INT	4	(IBM name: N/A) Timeout ConnectIdle.
zAtSign	CHAR	2	(IBM name: N/A) AtSign symbol (Hex format).

Secondary segment: SMF119#48_CSSMTP_Target_Servers

Field Name	Type	Len	Description
<i>SMF119#48_CSSMTP_Target_Servers.<fieldname></i>			
zIPAddr	IPADDRESS	16	(IBM name: N/A) IPv6 address (if zType=TargetIP).

zPort	INT	2	(IBM name: N/A) Connecting target server port number.
zType	INT (ENUM)	2	(IBM name: N/A) Type of target server.
zMsgSize	INT	4	(IBM name: N/A) Maximum message size.
zSecure	INT (ENUM)	4	(IBM name: N/A) Value from the SECURE statement.
zMaxMsg	INT	4	(IBM name: N/A) Maximum number of messages sent per connection.
zConnLim	INT	4	(IBM name: N/A) Number of concurrent connections limit.
zCharset	CHAR	20	(IBM name: N/A) Target server code page.

Secondary segment: SMF119#48_CSSMTP_Config_Data

Field Name	Type	Len	Description
<i>SMF119#48_CSSMTP_Config_Data.<fieldname></i>			
zLen	INT	2	(IBM name: N/A) Configuration data length (including the length of this header).
zKey	INT (ENUM)	2	(IBM name: N/A) Type of configuration data in zData. 'CfgFile' => Configuration file name. 'ChkpFile' => Checkpoint data set name. 'DeadDir' => Dead letter directory. 'LogFile' => Log file name. 'Madmin1' => Mail administrator 1 mailbox. 'Madmin2' => Mail administrator 2 mailbox. 'Madmin3' => Mail administrator 3 mailbox. 'Madmin4' => Mail administrator 4 mailbox. 'Domain' => Domain name. 'Host' => Host name. 'TargSrv1' => Target server 1 statement value. 'TargSrv2' => Target server 2 statement value. 'TargSrv3' => Target server 3 statement value. 'TargSrv4' => Target server 4 statement value. 'MailDir' => Extended retry mail directory.
zData	XVCHAR	0 1024	(IBM name: N/A) Configuration data string.

Secondary segment: SMF119#48_CSSMTP_Config_Command

Field Name	Type	Len	Description
<i>SMF119#48_CSSMTP_Config_Command.<fieldname></i>			
zCnsName	CHAR	8	(IBM name: N/A) Name of the console that issued the command.
zUToken	HEX	80	(IBM name: N/A) ICHRUTKN User token.

Record Type 119 Subtype 49 - CSSMTP Connect**Primary Segment:**

- [SMF119#49_TCPIP_Statistics](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF119#49_CSSMTP_Common_Info](#)
- [SMF119#49_CSSMTP_Connection_ID](#)
- [SMF119#49_CSSMTP_Connection_Statistics](#)
- [SMF119#49_Identification](#)

Primary segment: [SMF119#49_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#49_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#49_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#49_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to CSSMTP common information section.
z1Len	INT	2	(IBM name: N/A) Length of CSSMTP common information section.
z1Num	INT	2	(IBM name: N/A) Number of CSSMTP common information sections.
z2Off	INT	4	(IBM name: N/A) Offset to CSSMTP connection identification section.
z2Len	INT	2	(IBM name: N/A) Length of CSSMTP connection identification section.
z2Num	INT	2	(IBM name: N/A) Number of CSSMTP connection identification sections.
z3Off	INT	4	(IBM name: N/A) Offset to CSSMTP connection statistics section.
z3Len	INT	2	

			(IBM name: N/A) Length of CSSMTP connection statistics section.
z3Num	INT	2	(IBM name: N/A) Number of CSSMTP connection statistics sections.

Secondary segment: **SMF119#49_Identification**

Field Name	Type	Len	Description
<i>SMF119#49_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#49_CSSMTP_Common_Info**

Field Name	Type	Len	Description
<i>SMF119#49_CSSMTP_Common_Info.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zEntry	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP JOB card for this job recognised on reader.
zUSERID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zEXTWRT	CHAR	8	(IBM name: N/A) External writer name.
zJes	CHAR	4	(IBM name: N/A) JES subsystem name.

Secondary segment: **SMF119#49_CSSMTP_Connection_ID**

Field Name	Type	Len	Description
<i>SMF119#49_CSSMTP_Connection_ID.<fieldname></i>			
zLIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address.
zLPort	INT	2	(IBM name: N/A) Local port address.
zRPort	INT	2	(IBM name: N/A) Remote port address.
zConnId	INT	4	(IBM name: N/A) TCP/IP connection ID.
zSTIME	TSTMP	8	(IBM name: N/A) Connection start time & date.
zETIME	TSTMP	8	(IBM name: N/A) Connection ended time & date.
zDUR	FIXED	4 (10,2)	(IBM name: N/A) Duration of connection (seconds since midnight).
zMsgSize	INT	4	(IBM name: N/A) Maximum message size.
zTLSSSP	INT (ENUM)	2	(IBM name: N/A) AT-TLS SSL protocol.
zTLSSNC	CHAR	2	(IBM name: N/A) AT-TLS negotiated cipher. If the value is 4X, the negotiated cipher must be obtained from the zTLSSNC4 field.
zTLSSFP	INT (ENUM)	1	(IBM name: N/A) AT-TLS FIPS 140 status. 'OFF' => Not in FIPS 140 mode. 'ON' => FIPS 140 mode is enabled (80-bit strength enforced). 'LVL1' => FIPS 140 mode is enabled at level 1 (synonymous with X'01'). 'LVL2' => FIPS 140 mode is enabled at level 2 (112-bit strength enforced when creating new keys or performing digital signature generation and encryption type operations. Digital signature verification, decryption using 3DES and RSA decryption with 80-bit key lengths allowed when processing already protected information). 'LVL3' => FIPS 140 mode is enabled at level 3 (112 bit or higher strength enforced as defined in NIST SP800-131A.).
<i>SMF119#49_CSSMTP_Connection_ID.zFlag1.<fieldname></i>			
zESMTP	BIT	1	If this flag is on, the protocol is ESMTP. Otherwise, the protocol is SMTP.
<i>SMF119#49_CSSMTP_Connection_ID.<fieldname></i>			
zTLSSNC4	CHAR	4	(IBM name: N/A) AT-TLS four byte negotiated cipher.

Secondary segment: **SMF119#49_CSSMTP_Connection_Statistics**

Field Name	Type	Len	Description
<i>SMF119#49_CSSMTP_Connection_Statistics.<fieldname></i>			
zSendByt	INT	8	(IBM name: N/A) Number of bytes outbound.
zRcvdByt	INT	8	(IBM name: N/A) Number of bytes inbound.
zMsgSent	INT	4	(IBM name: N/A) Number of sent mail messages.
zGRcpts	INT	4	

			(IBM name: N/A) Number of recipients accepted.
zFRcpts	INT	4	(IBM name: N/A) Number of recipients not accepted.
zTrmCd	INT (ENUM)	4	(IBM name: N/A) Connection ending status. 'OK' => Connect normal close. 'SOCKET' => Socket function error. 'RESET' => Server reset connection. 'OVERRUN' => Buffer overrun error. '4XX' => 4xx Reply. '5XX' => 5xx Reply. 'XXX' => unknown reply. 'CONVERT' => ICONV error. 'CONNERR' => Connect failed. 'SECURE' => StartTLS command failed. 'MAXMSG' => Maximum number of messages. 'CONNECT' => Connection wait timeout. 'INITMSG' => Initial message time out. 'MAILCMD' => Mail command time out. 'RCPTCMD' => RCPT command time out. 'DATACMD' => DATA command time out. 'DATABUF' => Data buffer time out. 'DATATRM' => End of message time out. 'ANYCMD' => Any command timeout.
zErrTxt	CHAR	64	(IBM name: N/A) Last error text on SMTP command that caused the connection to be closed.

Record Type 119 Subtype 50 - CSSMTP Mail

Primary Segment:

- [SMF119#50_TCPIP_Statistics](#)

Secondary Segment(s): 5 (in alphabetical order)

- [SMF119#50_CSSMTP_Common_Info](#)
- [SMF119#50_CSSMTP_Mail_Data](#)
- [SMF119#50_CSSMTP_Mail_Header](#)
- [SMF119#50_CSSMTP_Spool_Id](#)
- [SMF119#50_Identification](#)

Primary segment: [SMF119#50_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#50_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#50_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#50_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to CSSMTP common information section.
z1Len	INT	2	(IBM name: N/A) Length of CSSMTP common information section.
z1Num	INT	2	(IBM name: N/A) Number of CSSMTP common information sections.
z2Off	INT	4	(IBM name: N/A) Offset to spool identification section.
z2Len	INT	2	(IBM name: N/A) Length of spool identification section.
z2Num	INT	2	(IBM name: N/A) Number of spool identification sections.
z3Off	INT	4	(IBM name: N/A) Offset to mail data section see table.

z3Len	INT	2	(IBM name: N/A) Length of mail data section.
z3Num	INT	2	(IBM name: N/A) Number of mail data sections.
z4Off	INT	4	(IBM name: N/A) Offset to mail header section.
z4Len	INT	2	(IBM name: N/A) Length of mail header section.
z4Num	INT	2	(IBM name: N/A) Number of mail header sections.

Secondary segment: **SMF119#50_Identification**

Field Name	Type	Len	Description
<i>SMF119#50_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#50_CSSMTP_Common_Info**

Field Name	Type	Len	Description
<i>SMF119#50_CSSMTP_Common_Info.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zEntry	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP JOB card for this job recognised on reader.
zUSERID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).

zEXTWRT	CHAR	8	(IBM name: N/A) External writer name.
zJes	CHAR	4	(IBM name: N/A) JES subsystem name.

Secondary segment: **SMF119#50_CSSMTP_Spool_Id**

Field Name	Type	Len	Description
<i>SMF119#50_CSSMTP_Spool_Id.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zEntry	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP JOB card for this job recognised on reader.
zUSERID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zJobId	CHAR	8	(IBM name: N/A) Job Id of selected job.
zSYS	CHAR	8	(IBM name: N/A) System name of the MVS image where the job output was created.
zXEQ	CHAR	8	(IBM name: N/A) NJE node where job executed.
zCRER	CHAR	8	(IBM name: N/A) Owning user id of data set.
zTKID	INT	4	(IBM name: N/A) JES task ID.
zJnum	INT	4	(IBM name: N/A) JES job number in binary.
zDsky	INT	4	(IBM name: N/A) JES dataset key.
zDsnm	INT	4	(IBM name: N/A) JES dataset number.

Secondary segment: **SMF119#50_CSSMTP_Mail_Data**

Field Name	Type	Len	Description
<i>SMF119#50_CSSMTP_Mail_Data.<fieldname></i>			
zSTime	TSTMP	8	(IBM name: N/A) Time & date that mail was read from JES.
zETime	TSTMP	8	(IBM name: N/A) Time & date that mail was completed.
zDur	FIXED	4 (10,2)	(IBM name: N/A) Time mail was in progress in seconds.
zID	INT	4	(IBM name: SMF119TN_ID) Mail message number in spool file.
zType	INT (ENUM)	4	(IBM name: N/A) Type of mail message. 'RegNote' => mail message is regular type created by customer. 'UndelNote' => mail message is error note created by customer. 'Report' => mail message is a CSSMTP error report. 'UMNOTIF' => mail message is a undeliverable mail notification.
zBYCT	INT	8	(IBM name: N/A) Body byte count.

zRLoc	INT	4	(IBM name: N/A) Record location of MAIL command in spool file.
zRcpts	INT	4	(IBM name: N/A) Number of total recipients.
zFRcpts	INT	4	(IBM name: N/A) Number of failed recipients.
zRetry	INT	4	(IBM name: N/A) Number of retry attempts.

SMF119#50_CSSMTP_Mail_Data.zFlags.<fieldname>

zESMTP	BIT	1	EHLO(RFC 2821) command.
zTLS	BIT	1	STARTTLS command.
zFinis	BIT	1	Mail was completed without errors.
zError	BIT	1	Mail was completed with errors.
zERetry	BIT	1	Mail was saved for extended retry.
zMHFul	BIT	1	The SMF record is full. Data in the mail header section was truncated.
zFrom	BIT	1	Mail contains a From header specified in the spool file.
zTo	BIT	1	Mail contains a To header specified in the spool file.
zDate	BIT	1	Mail contains a Date header specified in the spool file.
zMsgID	BIT	1	Mail contains a msg-ID specified in the spool file.
zSubj	BIT	1	Mail contains a subject specified in the spool file.

Secondary segment: SMF119#50_CSSMTP_Mail_Header

Field Name	Type	Len	Description
SMF119#50_CSSMTP_Mail_Header.<fieldname>			
zLen	INT	2	(IBM name: N/A) Mail header length.
zKey	INT (ENUM)	2	(IBM name: N/A) Mail header type value. 'FROM' => Mail box address of MAIL FROM: command. 'RCPT' => Mail box address of RCPT TO: command. 'RCPTRPY' => Error reply text to previous RCPT TO: command. If this field contains a single character 'F', the recipient did not receive the mail as the result of the reason in the generalerror field for 'ERRTXT' or command error field for 'CMDTXT' or 'RPYTXT'. 'SUBJ' => Subject: subject text. 'DATE' => Date: date value. 'MSGID' => Message-id: value. 'CMDTXT' => Text of SMTP command in error. 'RPYTXT' => Server reply to the SMTP command in error. 'ERRTXT' => Text of error message not associated with SMTP command processing.
zData	XVCHAR	0 512	(IBM name: N/A) Mail header data string.

Record Type 119 Subtype 51 - CSSMTP Spool**Primary Segment:**

- SMF119#51_TCPIP_Statistics

Secondary Segment(s): 6 (in alphabetical order)

- SMF119#51_CSSMTP_Common_Info
- SMF119#51_CSSMTP_Spool_Id
- SMF119#51_CSSMTP_Spool_Job
- SMF119#51_CSSMTP_Spool_Job_Accounting
- SMF119#51_CSSMTP_Spool_Job_Statistics
- SMF119#51_Identification

Primary segment: SMF119#51_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#51_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#51_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#51_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to CSSMTP common information section.
z1Len	INT	2	(IBM name: N/A) Length of CSSMTP common information section.
z1Num	INT	2	(IBM name: N/A) Number of CSSMTP common information sections.
z2Off	INT	4	(IBM name: N/A) Offset to spool identification section.
z2Len	INT	2	(IBM name: N/A) Length of spool identification section.
z2Num	INT	2	(IBM name: N/A) Number of spool identification sections.
z3Off	INT	4	(IBM name: N/A) Offset to spool job section.

z3Len	INT	2	(IBM name: N/A) Length of spool job section.
z3Num	INT	2	(IBM name: N/A) Number of spool job sections.
z4Off	INT	4	(IBM name: N/A) Offset to spool statistics section.
z4Len	INT	2	(IBM name: N/A) Length of spool statistics section.
z4Num	INT	2	(IBM name: N/A) Number of spool statistics section.
z5Off	INT	4	(IBM name: N/A) Offset to spool accounting section.
z5Len	INT	2	(IBM name: N/A) Length of spool accounting section.
z5Num	INT	2	(IBM name: N/A) Number of spool accounting sections.

Secondary segment: **SMF119#51_Identification**

Field Name	Type	Len	Description
<i>SMF119#51_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#51_CSSMTP_Common_Info**

Field Name	Type	Len	Description
<i>SMF119#51_CSSMTP_Common_Info.<fieldname></i>			
zJOBNAME	CHAR	8	

			(IBM name: N/A) Jobname.
zEntry	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP JOB card for this job recognised on reader.
zUSERID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zEXTWRT	CHAR	8	(IBM name: N/A) External writer name.
zJes	CHAR	4	(IBM name: N/A) JES subsystem name.

Secondary segment: **SMF119#51_CSSMTP_Spool_Id**

Field Name	Type	Len	Description
<i>SMF119#51_CSSMTP_Spool_Id.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: N/A) Jobname.
zEntry	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP JOB card for this job recognised on reader.
zUSERID	CHAR	8	(IBM name: N/A) User-defined identification field (taken from common exit parameter area, not from USER=parameter on job statement).
zJobld	CHAR	8	(IBM name: N/A) Job Id of selected job.
zSYS	CHAR	8	(IBM name: N/A) System name of the MVS image where the job output was created.
zXEQ	CHAR	8	(IBM name: N/A) NJE node where job executed.
zCRER	CHAR	8	(IBM name: N/A) Owning user id of data set.
zTKID	INT	4	(IBM name: N/A) JES task ID.
zJnum	INT	4	(IBM name: N/A) JES job number in binary.
zDsky	INT	4	(IBM name: N/A) JES dataset key.
zDsnm	INT	4	(IBM name: N/A) JES dataset number.

Secondary segment: **SMF119#51_CSSMTP_Spool_Job**

Field Name	Type	Len	Description
<i>SMF119#51_CSSMTP_Spool_Job.<fieldname></i>			
zBYCT	INT	8	(IBM name: N/A) Byte count.
zLNCT	INT	4	(IBM name: N/A) Line count.
zPRCD	CHAR	8	(IBM name: N/A) Data set procname.
zSTPD	CHAR	8	

			(IBM name: N/A) Data set stepname.
zDDND	CHAR	8	(IBM name: N/A) Data set DD name.
zPNAM	CHAR	20	(IBM name: N/A) Programmer name from job.
zNOTN	CHAR	8	(IBM name: N/A) Job notify node.
zNOTU	CHAR	8	(IBM name: N/A) Job notify user ID.
zCLAR	CHAR	1	(IBM name: N/A) Sysout class of data set.
zLSAB	INT	3	(IBM name: N/A) Last abend code for the job that created the spool file (JES 2 only).
zDSN	CHAR	44	(IBM name: N/A) Data set name of the spool file.
zNACT	CHAR	8	(IBM name: N/A) Network accounting number.
zUserExit	INT (ENUM)	4	(IBM name: N/A) Userexit version.
zQTime	TSTMP	8	(IBM name: N/A) Time & date when the spool file was queued to JES.

Secondary segment: SMF119#51_CSSMTP_Spool_Job_Statistics

Field Name	Type	Len	Description
<i>SMF119#51_CSSMTP_Spool_Job_Statistics.<fieldname></i>			
zSTime	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP started to read the spool data set.
zRTime	TSTMP	8	(IBM name: N/A) Time & date when CSSMTP completed reading the spool data set.
zRcdCnt	INT	4	(IBM name: N/A) Number of spool file records CSSMTP read.
zETime	TSTMP	8	(IBM name: N/A) Time & date when all mail is processed for this spool data set.
zMAIL	INT	4	(IBM name: N/A) Total number of mail messages found in the spool data set.
zGood	INT	4	(IBM name: N/A) Number of mail messages successfully sent.
zUdv	INT	4	(IBM name: N/A) Number of undeliverable mails resulting from spool data set processing.
zDead	INT	4	(IBM name: N/A) Number of Deadletter mail resulting from spool data set processing.
zRcpt	INT	4	(IBM name: N/A) Total number of recipients (RCPTs) in the spool data set.
zCRcpt	INT	4	(IBM name: N/A) Total number of recipients (RCPTs) sent successfully in the spool data set.
zURcpt	INT	4	(IBM name: N/A) Total number of recipients (RCPTs) that are undeliverable.
zSkip	INT	4	(IBM name: N/A) Number of mail skipped due to user exit or restart (checkpointing).
zErr	INT	4	(IBM name: N/A) Number of mails with syntax errors in jes spool data set.

zBsize	INT	8	(IBM name: N/A) Total size in bytes of all mail headers and bodies processed by CSSMTP for the JES spool data set.
zRtnCd	INT (ENUM)	4	(IBM name: N/A) Processing return codes. 'Alloc' => JES sysout allocation failed. 'OPEN' => Open failed for sysout file. 'REQERR' => IEFSSREQ failed. 'APIERR' => IEFSSREQ SSS2 API failed. 'ICONV' => Conversion table open error. 'EMPTY' => Empty data set. 'JESSIZE' => size exceeds JesJobSize. 'SAF' => Access is not authorized. 'TRANSLATE' => Translation error. 'NOEBCDIC' => Unknown translation table. 'USEREXIT' => The return code from the CSSMTP user exit indicates that the processing of the spool file should stop. 'NOMAIL' => The spool file does not contain any mail transactions. 'JESCLOSE' => The JES spool file was not properly closed by JES and the file data might be incomplete. 'IOERROR' => An I/O error occurred during reading the spool file. 'MAXERROR' => Maximum number of syntax errors in spool file was reached.

SMF119#51_CSSMTP_Spool_Job_Statistics.zFlags.<fieldname>			
zTLS	BIT	1	JES spool data set contained STARTTLS command.
zFinis	BIT	1	CSSMTP completed processing the spool data set.
zErrRpt	BIT	1	Spool data set was generated by CSSMTP for error report.
zHold	BIT	1	Final disposition of data set. 1=HOLD 0=DELETE
zError	BIT	1	One or more syntax errors were found when the spool file was processed.
zzXmit	BIT	1	Spool data set is in NetData format.
zRStrt	BIT	1	Spool data set was restarted due to checkpointing.
zzRStc	BIT	1	Data set created by started task.
zRTsc	BIT	1	Data set created by time sharing user.
zRJob	BIT	1	Data set created by batch job.

SMF119#51_CSSMTP_Spool_Job_Statistics.<fieldname>			
zEMail	INT	4	(IBM name: N/A) Number of mail messages saved for extended retry.
zERcpt	INT	4	(IBM name: N/A) Number of recipients to be retried in mail messages saved for extended retry.

Secondary segment: **SMF119#51_CSSMTP_Spool_Job_Accounting**

Field Name	Type	Len	Description
SMF119#51_CSSMTP_Spool_Job_Accounting.<fieldname>			
zCnt	INT	1	(IBM name: N/A) Number of accounting sections.
zTxt	CHAR	143	(IBM name: N/A) Encoded accounting information.

Record Type 119 Subtype 52 - CSSMTP Statistics

Primary Segment:

- SMF119#52_TCPIP_Statistics

Secondary Segment(s): 5 (in alphabetical order)

- SMF119#52_CSSMTP_Health_Checker_Stats
- SMF119#52_CSSMTP_JES_Stats
- SMF119#52_CSSMTP_Stats
- SMF119#52_Identification
- SMF119#52_Target_Server_Stats

Primary segment: SMF119#52_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#52_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#52_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#52_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to TCP/IP identification section.
zDLen	INT	2	(IBM name: N/A) Length of TCP/IP identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to CSSMTP common information section.
z1Len	INT	2	(IBM name: N/A) Length of CSSMTP common information section.
z1Num	INT	2	(IBM name: N/A) Number of CSSMTP common information sections.
z2Off	INT	4	(IBM name: N/A) Offset to CSSMTP statistical data section.
z2Len	INT	2	(IBM name: N/A) Length of CSSMTP statistical data section.
z2Num	INT	2	(IBM name: N/A) Number of CSSMTP statistical data sections.
z3Off	INT	4	(IBM name: N/A) Offset to CSSMTP JES statistical section.

z3Len	INT	2	(IBM name: N/A) Length of CSSMTP JES statistical section.
z3Num	INT	2	(IBM name: N/A) Number of CSSMTP JES statistical sections.
z4Off	INT	4	(IBM name: N/A) Offset to CSSMTP health checker statistical section.
z4Len	INT	2	(IBM name: N/A) Length of CSSMTP health checker statistical section.
z4Num	INT	2	(IBM name: N/A) Number of CSSMTP health checker statistical sections.
z5Off	INT	4	(IBM name: N/A) Offset to CSSMTP target server statistical section.
z5Len	INT	2	(IBM name: N/A) Length of CSSMTP target server statistical section.
z5Num	INT	2	(IBM name: N/A) Number of CSSMTP target server statistical sections.

Secondary segment: **SMF119#52_Identification**

Field Name	Type	Len	Description
<i>SMF119#52_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#52_CSSMTP_Stats**

Field Name	Type	Len	Description
<i>SMF119#52_CSSMTP_Stats.<fieldname></i>			
zSTime	TSTMP	8	

			(IBM name: N/A) Time & date interval started.
zETime	TSTMP	8	(IBM name: N/A) Time & date interval ended.
zDur	FIXED	4 (10,2)	(IBM name: N/A) Duration of the interval, in seconds.

SMF119#52_CSSMTP_Stats.zFlags.<fieldname>

zNoStck	BIT	1	No stack available.
zSTargt	BIT	1	Suspend - no targets available.
zSlmmed	BIT	1	Suspend immediate.
zSDelay	BIT	1	Suspend delay.
zStgUse	BIT	1	Storage usage high at 95%.

SMF119#52_CSSMTP_Stats.<fieldname>

zMailCount	INT	8	(IBM name: N/A) Number of new mail messages processed.
zLRTCount	INT	8	(IBM name: N/A) Number of mail messages entered long retry.
zLRTDeadLtrCount	INT	8	(IBM name: N/A) Number of mail messages that have become dead letters.
zLRTQCount	INT	8	(IBM name: N/A) Current number of mail messages on long retry queue.
zUDVCount	INT	8	(IBM name: N/A) Number of mail messages that are undeliverable.
zErtCount	INT	4	(IBM name: N/A) Current number of mail messages for extended retry.
zErtQCount	INT	4	(IBM name: N/A) Cumulative total number of mail messages for extended retry.
zErtUndvl	INT	4	(IBM name: N/A) Number of mail messages made undeliverable by extended retry.
zErtError	INT	4	(IBM name: N/A) Number of mail messages dropped by extended retry due to file system errors.

Secondary segment: SMF119#52_CSSMTP_JES_Stats

Field Name	Type	Len	Description
SMF119#52_CSSMTP_JES_Stats.<fieldname>			
zJesFiles	INT	4	(IBM name: N/A) Number of JES spool files completed.
zJesRcdCnt	INT	4	(IBM name: N/A) Number of JES records read from the JES spool files.
zJesTime	INT	4	(IBM name: N/A) Sum of completed JES spool files processing times (hundreds of seconds).
zJesScan	INT	4	(IBM name: N/A) Sum of JES scanning time.
zMAIL	INT	4	(IBM name: N/A) Number of mail message found in the spool data sets.
zGood	INT	4	(IBM name: N/A) Number of mail messages in the spool dataset that were successfully sent.
zUdv	INT	4	

			(IBM name: N/A) Number of mail messages in the spool dataset that were not sent.
zDead	INT	4	(IBM name: N/A) Number of dead letter mail resulting from spool dataset processing.
zRcpt	INT	4	(IBM name: N/A) Number of recipients in the spool datasets.
zCRcpt	INT	4	(IBM name: N/A) Total recipients sent successfully.
zURcpt	INT	4	(IBM name: N/A) Total recipients that are undeliverable.
zSkip	INT	4	(IBM name: N/A) Number of mail skipped due to user exit or restart.
zBsize	INT	8	(IBM name: N/A) Total size in bytes of all mail headers and body sections processed by CSSMTP for the JES spool data set.
zSError	INT	4	(IBM name: N/A) Number of mail with syntax error found in the JES spool data sets.
zRtnCd	INT	4	(IBM name: N/A) Number of JES spool jobs fail with nonzero processing return code.
zEMail	INT	4	(IBM name: N/A) Number of mail messages saved for extended retry.
zERcpt	INT	4	(IBM name: N/A) Number of recipients to be retried in mail messages saved for extended retry.

Secondary segment: **SMF119#52_CSSMTP_Health_Checker_Stats**

Field Name	Type	Len	Description
<i>SMF119#52_CSSMTP_Health_Checker_Stats.<fieldname></i>			
zTime	TSTMP	8	(IBM name: N/A) Time & date of last health check.
zStgTotal	INT	4	(IBM name: N/A) Total storage region size for CSSMTP.
zStgIFree	INT	4	(IBM name: N/A) Storage available after CSSMTP initialization is completed.
zStgFree	INT	4	(IBM name: N/A) Storage currently not in use.
zStgAlloc	INT	4	(IBM name: N/A) Storage currently in use.
zStgPUsed	INT	4	(IBM name: N/A) Storage percent in use.
zStgFail	INT	4	(IBM name: N/A) Number of storage failures.
zRsvd1	INT	4	(IBM name: N/A) Reserved.
zDLRPFree	INT	4	(IBM name: N/A) Percentage of file system space that is free system-wide and that can be used to store dead letters.
zDLRPUsed	INT	4	(IBM name: N/A) Percentage of file system space that is used system-wide.
zJESDUsed	INT	4	(IBM name: N/A) Number of JES DEST tasks busy.
zJESDPerC	INT	4	(IBM name: N/A) Percent of JES DEST Tasks busy.

zJESWUsed	INT	4	(IBM name: N/A) Number of JES writer tasks busy.
zJESWPerC	INT	4	(IBM name: N/A) Percent of JES writer tasks busy.
zMDirPFree	INT	4	(IBM name: N/A) Percentage of file system space that is free system-wide and that can be used to store extended retry mail messages.
zMDirPUsed	INT	4	(IBM name: N/A) Percentage of file system space that is used system-wide.

Secondary segment: **SMF119#52_Target_Server_Stats**

Field Name	Type	Len	Description
<i>SMF119#52_Target_Server_Stats.<fieldname></i>			
zIP	IPADDRESS	16	(IBM name: SMF119ML_IP) Target server IP address.
zPort	INT	2	(IBM name: N/A) Target server port number.
zConnState	INT (ENUM)	4	(IBM name: N/A) Connection state. 'New' => Target server is new so its capabilities are unknown but it is in the configured address list. 'Active' => The target server is available. 'Monitoring' => The target server is being monitored for a successful connection open and reply from the server. 'NonActive' => The target server is not available.
zMsgSize	INT	4	(IBM name: N/A) Maximum message size.
zRecvdCount	INT	4	(IBM name: N/A) Total mail messages received.
zSentCount	INT	4	(IBM name: N/A) Total mail messages sent.
zConCount	INT	4	(IBM name: N/A) Connection count.
zConFailCount	INT	4	(IBM name: N/A) Connection failure count.
zRsvd2	INT	4	(IBM name: N/A) Reserved.
zRcvdBytes	INT	8	(IBM name: N/A) Total number of received bytes.
zSentBytes	INT	8	(IBM name: N/A) Total number of sent bytes.
<i>SMF119#52_Target_Server_Stats.zFlags.<fieldname></i>			
zESMTP	BIT	1	ESMTP supported.

Record Type 119 Subtype 70 - FTP Server Transfer Completion

Primary Segment:

- SMF119#70_TCPIP_Statistics

Secondary Segment(s): 7 (in alphabetical order)

- SMF119#70_FTP_Server_Transfer_Completion
- SMF119#70_FTP_Server_Transfer_Completion_First_DSN
- SMF119#70_FTP_Server_Transfer_Completion_Host
- SMF119#70_FTP_Server_Transfer_Completion_LOADMOD
- SMF119#70_FTP_Server_Transfer_Completion_Second_DSN
- SMF119#70_FTP_Server_Transfer_Completion_Security
- SMF119#70_Identification

Primary segment: SMF119#70_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#70_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#70_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#70_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to FTP server transfer completion section.
z1Len	INT	2	(IBM name: N/A) Length of FTP server transfer completion section.
z1Num	INT	2	(IBM name: N/A) Number of FTP server transfer completion sections.
z2Off	INT	4	(IBM name: N/A) Offset to FTP server host name section.
z2Len	INT	2	(IBM name: N/A) Length of FTP server host name section.
z2Num	INT	2	(IBM name: N/A) Number of FTP server host name sections.

z3Off	INT	4	(IBM name: N/A) Offset to FTP server first associated data set name section.
z3Len	INT	2	(IBM name: N/A) Length of FTP server first associated data set name section.
z3Num	INT	2	(IBM name: N/A) Number of FTP server first associated data set name sections.
z4Off	INT	4	(IBM name: N/A) Offset to FTP server second associated data set name section.
z4Len	INT	2	(IBM name: N/A) Length of FTP server second associated data set name section.
z4Num	INT	2	(IBM name: N/A) Number of FTP server second associated data set name sections.
z5Off	INT	4	(IBM name: N/A) Offset to FTP server Security section.
z5Len	INT	2	(IBM name: N/A) Length of FTP server Security section.
z5Num	INT	2	(IBM name: N/A) Number of FTP server Security sections.
z6Off	INT	4	(IBM name: N/A) Offset to FTP server load module name section.
z6Len	INT	2	(IBM name: N/A) Length of FTP server load module name section.
z6Num	INT	2	(IBM name: N/A) Number of FTP server load module name sections. There is only 1 server load module name section per record.

Secondary segment: **SMF119#70_Identification**

Field Name	Type	Len	Description
<i>SMF119#70_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#70_FTP_Server_Transfer_Completion**

Field Name	Type	Len	Description
<i>SMF119#70_FTP_Server_Transfer_Completion.<fieldname></i>			
zFT_FSOper	INT (ENUM)	1	(IBM name: SMF119FT_FSOper) FTP Operation according to SMF77 subtype classification.
zCmd	CHAR	4	(IBM name: N/A) FTP command (according to RFC 959+).
zFType	CHAR	4	(IBM name: N/A) File type (SEQ, JES, or SQL).
zDRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address (data connection). This field is 0 for Delete or Rename operation.
zDLIP	IPADDRESS	16	(IBM name: N/A) Local IP address (data connection). This field is 0 for Delete or Rename operation.
zDRPort	INT	2	(IBM name: N/A) Remote port number (data connection - client). This field is 0 for Delete or Rename operation.
zDLPort	INT	2	(IBM name: N/A) Local port number (data connection - server). This field is 0 for Delete or Rename operation.
zCRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address (control connection).
zCLIP	IPADDRESS	16	(IBM name: N/A) Local IP address (control connection).
zCRPort	INT	2	(IBM name: N/A) Remote port number (control connection - client).
zCLPort	INT	2	(IBM name: N/A) Local port number (control connection - server).
zSUser	CHAR	8	(IBM name: N/A) Client User ID on server.
zType	INT (ENUM)	1	(IBM name: N/A) Data type.
zMode	INT (ENUM)	1	(IBM name: N/A) Transmission mode.
zStruct	INT (ENUM)	1	(IBM name: N/A) Data Structure.
zDsType	INT (ENUM)	1	(IBM name: N/A) Data set type.
zSTime	TSTMP	8	(IBM name: N/A) Transmission start date & time.
zETime	TSTMP	8	(IBM name: N/A) Transmission end date & time.
zDur	FIXED	4 (10,2)	(IBM name: N/A) File transmission duration in units of seconds.
zBytes	INT	8	(IBM name: N/A) Transmission byte count (64-bit integer).
zLReply	CHAR	4	(IBM name: N/A) Last reply to client (3-digit RFC 959 code, right-aligned).
zM1	CHAR	8	(IBM name: N/A) PDS Member name.
zM2	CHAR	8	(IBM name: N/A) Second PDS member name (if rename operation).

zBytesFloat	FLOAT	8	(IBM name: N/A) Transmission byte count (floating point).
zConnID	INT	4	(IBM name: N/A) TCP connection ID of FTP control connection.
zDConnID	INT	4	(IBM name: N/A) TCP connection ID of FTP data connection, or 0. This field is 0 for Delete or Rename operation.
zSessionID	CHAR	15	(IBM name: N/A) FTP activity logging session ID. The activity logging session ID uniquely identifies the FTP session between a client and a server. The identifier is created by combining the job name of the FTP daemon with a 5-digit number in the range 00000 - 99999.

Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_Host

Field Name	Type	Len	Description
<i>SMF119#70_FTP_Server_Transfer_Completion_Host.<fieldname></i>			
zHostname	XVCHAR	0 128	(IBM name: N/A) Host Name.

Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_First_DSN

Field Name	Type	Len	Description
<i>SMF119#70_FTP_Server_Transfer_Completion_First_DSN.<fieldname></i>			
zFileName1	XVCHAR	0 4096	(IBM name: N/A) Server MVS or z/OS UNIX file name associated with the file transfer or rename operation. When the operation is a rename, this is the file or data set original name.

Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_Second_DSN

Field Name	Type	Len	Description
<i>SMF119#70_FTP_Server_Transfer_Completion_Second_DSN.<fieldname></i>			
zFileName2	XVCHAR	0 4096	(IBM name: N/A) Second MVS or z/OS UNIX file name associated with a rename. This is the new file or data set name.

Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_Security

Field Name	Type	Len	Description
<i>SMF119#70_FTP_Server_Transfer_Completion_Security.<fieldname></i>			
zMechanism	INT (ENUM)	1	(IBM name: N/A) Protection Mechanism.
zCProtect	INT (ENUM)	1	(IBM name: N/A) Control connection Protection Level.
zDProtect	INT (ENUM)	1	(IBM name: N/A) Data connection Protection Level.
zLoginMech		1	

	INT (ENUM)		(IBM name: N/A) Login Method.
zProtoLevel	CHAR	8	(IBM name: N/A) (Control connection.) Protocol level (present only if Protocol Mechanism is TLS or AT-TLS). Possible values are: v SSLV2 v SSLV3 v TLSV1 v TLSV1.1 v TLSV1.2.
zCipherSpec	CHAR	20	(IBM name: N/A) (Control connection.) Cipher Specification (present only if Protocol Mechanism is TLS or AT-TLS). Possible values when Protocol Level is SSLV2: v RC4 US v RC4 Export v RC2 US v RC2 Export v DES 56-Bit v Triple DES US Possible values when Protocol Level is SSLV3, TLSV1, TLSV1.1, or TLSV1.2: v SSL_NULL_MD5 v SSL_NULL_SHA v SSL_RC4_MD5_EX v SSL_RC4_MD5 v SSL_RC4_SHA v SSL_RC2_MD5_EX v SSL_DES_SHA v SSL_3DES_SHA v SSL_AES_128_SHA v SSL_AES_256_SHA If this field is blank, the value of SMF119FT_FSCipher for the cipher is used for the connection.
zProtBuffSize	INT	4	(IBM name: N/A) Negotiated protection buffer size.
zCipher	CHAR	2	(IBM name: N/A) (Control connection.) Hexadecimal value of cipher specification (present only when Protocol Mechanism is TLS or AT-TLS). If the value is 4X, the cipher specification must be obtained from the SMF119FT_FSCipher4 field.
zFips140	INT (ENUM)	1	(IBM name: N/A) FIPS 140 compliance level.
zCipher4	CHAR	4	(IBM name: N/A) (Control connection.) Four byte hexadecimal value of Cipher Specification (present only if Protocol Mechanism is TLS or AT-TLS).
zSessReuse	INT (ENUM)	1	(IBM name: N/A) SSL Session reuse.
zCSSLSessIDL	INT	2	(IBM name: N/A) Length of the SSL session ID of FTP control connection.
zCSSLSessID	CHAR	32	(IBM name: N/A) SSL session ID of FTP control connection.
zDSSLSessIDL	INT	2	(IBM name: N/A) Length of the SSL session ID of FTP data connection.
zDSSLSessID	CHAR	32	(IBM name: N/A) SSL session ID of FTP data connection.

Secondary segment: SMF119#70_FTP_Server_Transfer_Completion_LOADMOD

Field Name	Type	Len	Description
<i>SMF119#70_FTP_Server_Transfer_Completion_LOADMOD.<fieldname></i>			
zMemNum	INT	4	(IBM name: N/A) Number of members associated with the file transfer operation. The member names begin in field SMF119FT_FSMemName.
zLibNameLen	INT	1	(IBM name: N/A) Length of the name of the Load module or program object library associated with the file transfer operation.
zLibName	CHAR	44	(IBM name: N/A) Name of the Load module or program object library associated with the file transfer operation, padded with trailing blanks.
zMemName	CHAR	8	(IBM name: N/A) Names of members associated with the file transfer operation.

Record Type 119 Subtype 71 - FTP Server Daemon Config

Primary Segment:

- SMF119#71_TCPIP_Statistics

Secondary Segment(s): 5 (in alphabetical order)

- SMF119#71_FTP_Daemon_Config_Data
- SMF119#71_FTP_Daemon_Config_Data_Item
- SMF119#71_FTP_Daemon_Config_General
- SMF119#71_FTP_Daemon_Id
- SMF119#71_Identification

Primary segment: SMF119#71_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#71_TCPIP_Statistics.<fieldname></i>			
SMF119#71_TCPIP_Statistics.Header.<fieldname>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
SMF119#71_TCPIP_Statistics.Self_defining_Section.<fieldname>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to FTP daemon identification section.
z1Len	INT	2	(IBM name: N/A) Length of FTP daemon identification section.
z1Num	INT	2	(IBM name: N/A) Number of FTP daemon identification sections.
z2Off	INT	4	(IBM name: N/A) Offset to FTP daemon general configuration section.
z2Len	INT	2	(IBM name: N/A) Length of FTP daemon general configuration section.
z2Num	INT	2	(IBM name: N/A) Number of FTP daemon general configuration sections.
z3Off	INT	4	(IBM name: N/A) Offset to FTP daemon configuration data section.

z3Len	INT	2	(IBM name: N/A) Length of FTP daemon configuration data section.
z3Num	INT	2	(IBM name: N/A) Number of FTP daemon configuration data section.

Secondary segment: **SMF119#71_Identification**

Field Name	Type	Len	Description
<i>SMF119#71_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#71_FTP_Daemon_Id**

Field Name	Type	Len	Description
<i>SMF119#71_FTP_Daemon_Id.<fieldname></i>			
zIdent	CHAR	4	(IBM name: N/A) FDID eyecatcher.
zJobName	CHAR	8	(IBM name: N/A) Job name of the FTP daemon.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of the FTP daemon address space.
zStartTime	TSTMP	8	(IBM name: N/A) Time & date the FTP daemon started (UTC).
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID that started this FTP daemon.
zUToken	HEX	80	(IBM name: N/A) User token of the user that started the FTP daemon.

Secondary segment: **SMF119#71_FTP_Daemon_Config_General**

Field Name	Type	Len	Description
<i>SMF119#71_FTP_Daemon_Config_General.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) FDCF eyecatcher.
<i>SMF119#71_FTP_Daemon_Config_General.zFlags.<fieldname></i>			
zAccErrMsg	BIT	1	ACCESSERRORMSG statement. 0 FALSE 1 TRUE.
zAnonSurr	BIT	1	ANONYMOUS statement. 1 Indicates user_id/SURROGATE is configured.
zAnonSysHFS	BIT	1	ANONYMOUSFILEACCESS statement. 1 Allows anonymous users access to z/OS UNIX System Service files.
zAnonSysMVS	BIT	1	ANONYMOUSFILEACCESS statement. 1 Allows anonymous users access to MVS data sets.
zAnonFTJES	BIT	1	ANONYMOUSFILETYPEJES statement. 0 FALSE 1 TRUE.
zAnonFTSEQ	BIT	1	ANONYMOUSFILETYPESEQ statement. 0 FALSE 1 TRUE.
zAnonFTSQL	BIT	1	ANONYMOUSFILETYPESQL statement. 0 FALSE 1 TRUE.
zAnonFTPLog	BIT	1	ANONYMOUSFTPLOGGING statement. 0 FALSE 1 TRUE.
zAsatrans	BIT	1	ASATRANS statement. 0 FALSE 1 TRUE.
zAutoMount	BIT	1	AUTOMOUNT statement. 0 FALSE 1 TRUE.
zAuRecall	BIT	1	AUTORECALL statement. 0 FALSE 1 TRUE.
zAuTapeMount	BIT	1	AUTOTAPEMOUNT statement. 0 FALSE 1 TRUE.
zChkConfid	BIT	1	CHKCONFIDENCE statement. 0 FALSE 1 TRUE.
zDBSub	BIT	1	DBSUB statement. 0 FALSE 1 TRUE.
zDebugOnSite	BIT	1	DEBUGONSITE statement. 0 FALSE 1 TRUE.
zDirMode	BIT	1	DIRECTORYMODE statement. 0 FALSE 1 TRUE.
zDumpOnSite	BIT	1	DUMPONSITE statement.
zFTPLogging	BIT	1	FTPLOGGING statement. 0 FALSE 1 TRUE if zDsnLookup = 1, TRUENODNS if zDsnLookup = 0.
zdsnlookup	BIT	1	FTPLOGGING TRUE option. 0 TRUENODNS 1 TRUE.
zISPFStats	BIT	1	ISPFSTATS statement. 0 FALSE 1 TRUE.
zJESGetByDsn	BIT	1	JESGETBYDSN statement. 0 FALSE 1 TRUE.
zListSubDir	BIT	1	LISTSUBDIR statement. 0 FALSE 1 TRUE.
zMBReLastEOL	BIT	1	MBREQUIRELASTEOL statement. 0 FALSE 1 TRUE.
zNonSwapd	BIT	1	NONSWAPD statement. 0 FALSE 1 TRUE..
zPassPhrase	BIT	1	PASSPHRASE statement. 0 FALSE 1 TRUE.
zPortEntry4	BIT	1	PORTOFENTRY4 statement. 0 FALSE 1 TRUE.
zQuoteOver	BIT	1	QUOTESOVERRIDE statement. 0 FALSE 1 TRUE.
zRDW	BIT	1	RDW statement. 0 FALSE 1 TRUE.
zRemoveinbEOF	BIT	1	REMOVEINBEOF statement. 0 FALSE 1 TRUE.
zReply226	BIT	1	REPLY226 statement. 0 FALSE 1 TRUE.
zRestput	BIT	1	RESTPUT statement. 0 FALSE 1 TRUE.
zSBSUB	BIT	1	SBSUB statement. 0 FALSE 1 TRUE.
zSBisSpace	BIT	1	SBSUBCHAR statement. 1 The substitution character to be SPACE.
zSecImpZos	BIT	1	SECUREIMPLICITZOS statement. 0 FALSE 1 TRUE.

zSpread	BIT	1	SPREAD statement. 0 FALSE 1 TRUE.
zSMFSTD	BIT	1	SMF statement. 1 Indicates that all FTP server SMF records of type118 are issued with the standard subtypes.
zSMFType119	BIT	1	SMF statement. 1 Indicates that all FTP server SMF records of type119 are issued.
zSMFExit	BIT	1	SMFEXIT statement. 1 Indicates that user exit FTPSMFEX is called before writing the Type118 SMF record to SMF data sets.
zSMFJes	BIT	1	SMFJES statement. 1 To record SMF type 118 records for STOR when FILETYPE=JES.
zSMFJes119	BIT	1	SMFJES statement. 1 To record SMF type 119 records for STOR when FILETYPE=JES.
zSMFSql	BIT	1	SMFSQL statement. 1 To record SMF type 118 records for RETR when FILETYPE=SQL.
zSMFSql119	BIT	1	SMFSQL statement. 1 To record SMF type 119 records for RETR when FILETYPE=SQL.
zSupplgWar	BIT	1	SUPPRESSIGNOREWARNINGS statement. 0 FALSE 1 TRUE.
zTapReadStream	BIT	1	TAPEREADSTREAM statement. 0 FALSE 1 TRUE.
zTraBlanks	BIT	1	TRAILINGBLANKS statement. 0 FALSE 1 TRUE.
zTruncate	BIT	1	TRUNCATE statement. 0 FALSE 1 TRUE.
zUcsSub	BIT	1	UCSSUB statement. 0 FALSE 1 TRUE.
zUcsTrunc	BIT	1	UCSTRUNC statement. 0 FALSE 1 TRUE.
zVerifyUser	BIT	1	VERIFYUSER statement. 0 FALSE 1 TRUE.
zWapRec	BIT	1	WRAPRECORD statement. 0 FALSE 1 TRUE.
zTapefastIO	BIT	1	WRTAPEFASTIO statement. 0 FALSE 1 TRUE.
zFTChkip	BIT	1	FTCHKIP_FLAG statement. 1 Server user exit FTCHKIP found.
zTlscertcheck	BIT	1	TLSCERTCROSSCHECK statement. 0 FALSE 1 TRUE.
zSslv3	BIT	1	SSLV3 statement. 0 FALSE 1 TRUE.

SMF119#71_FTP_Daemon_Config_General.<fieldname>

zAnonUser	CHAR	8	(IBM name: N/A) ANONYMOUS statement. If ANONYMOUS is not set, the value defaults to blanks. If ANONYMOUS is set without user_id, the value is ANONYMO.
zAnonPass	CHAR	8	(IBM name: N/A) ANONYMOUS statement. If the password is set, the value is set and the password is not displayed explicitly. If the password is not set, the value defaults to blanks.
zAnonHFSDirM	HEX	4	(IBM name: N/A) ANONYMOUSHFSDIRMODE statement. The three octal digits describe the mode bits, which are used for directories that anonymous users create.
zAnonHFSFileM	HEX	4	(IBM name: N/A) ANONYMOUSHFSFILEMODE statement. The three octal digits describe that the mode bits used for storing files are created by anonymous users.
zAnonLevel	INT	4	(IBM name: N/A) ANONYMOUSLEVEL statement.
zBlksize	INT	4	(IBM name: N/A) BLKSIZE statement.
zBufno	INT	4	(IBM name: N/A) BUFNO statement.
zCcxlattelnit	CHAR	8	(IBM name: N/A) CCXLATE statement. The value defaults to blanks if the statement is not set.
zChkptint	INT	4	(IBM name: N/A) CHKPTINT statement.
zCondDisp		1	

	INT (ENUM)		(IBM name: N/A) CONDISP statement.
zemailAddrChk	CHAR	7	(IBM name: N/A) EMAILADDRCHECK statement.
zDataClass	CHAR	8	(IBM name: N/A) DATACLASS statement. The value defaults to blanks if the statement is not set.
zDataKeepAlive	INT	4	(IBM name: N/A) DATAKEEPALIVE statement.
zDataTimeOut	INT	4	(IBM name: N/A) DATATIMEOUT statement.
zDB2Name	CHAR	4	(IBM name: N/A) DB2 statement.
zDB2plan	CHAR	8	(IBM name: N/A) DB2PLAN statement.
zDConnTime	INT	4	(IBM name: N/A) DCONNTIME statement.
zDebug	INT (ENUM)	4	(IBM name: N/A) DEBUG statement.
zdestnode	CHAR	8	(IBM name: N/A) DEST statement. The destnode value defaults to blanks if the statement is not set.
zdestuser	CHAR	8	(IBM name: N/A) DEST statement. The destuser value defaults to blanks if the statement is not set.
zDirctory	INT	4	(IBM name: N/A) DIRECTORY statement.
zDSNType	INT (ENUM)	4	(IBM name: N/A) DSNTYPE statement.
zDSWaitTime	INT	4	(IBM name: N/A) DSWAITTIME statement.
zDSWaitTimeRep	INT	4	(IBM name: N/A) DSWAITTIMEREPLY statement.
zEATTR	INT (ENUM)	4	(IBM name: N/A) EATTR statement.
zEncoding	INT (ENUM)	1	(IBM name: N/A) ENCODING statement.
zMigrateVol	CHAR	6	(IBM name: N/A) MIGRATEVOL statement.
zPasvDataConn	INT (ENUM)	1	(IBM name: N/A) PASSIVEDATACONN statement.
zExtensions	INT (ENUM)	4	(IBM name: N/A) EXTENSIONS statement.
zFIFOTime	INT	4	(IBM name: N/A) FIFOIOTIME statement.
zFIFOOpenTime	INT	4	(IBM name: N/A) FIFOOPEN TIME statement.
zFileType	INT (ENUM)	4	(IBM name: N/A) FILETYPE statement.
zTPKeepAlive	INT	4	(IBM name: N/A) FTPKEEPALIVE statement.
zInActive	INT	4	(IBM name: N/A) INACTIVE statement.
zJESLimit	INT	4	(IBM name: N/A) JESENTRYLIMIT statement.
zJESIntLevel	INT	4	(IBM name: N/A) JESINTERFACELEVEL statement.

zJESLrecl	INT	4	(IBM name: N/A) JESLRECL statement.
zJESPGTO	INT	4	(IBM name: N/A) JESPUTGETTO statement.
zJESrefcm	INT (ENUM)	4	(IBM name: N/A) JESRECFM statement.
zListLevel	INT	4	(IBM name: N/A) LISTLEVEL statement.
zLrecl	INT	4	(IBM name: N/A) LRECL statement.
zMBSendEOL	INT (ENUM)	4	(IBM name: N/A) MBSENDEOL statement.
zMgmtClass	CHAR	8	(IBM name: N/A) MGMTCLASS statement. The value defaults to blanks if the statement is not set.
zLowPasvDataPort	INT	4	(IBM name: N/A) PASSIVEDATAPORTS statement. The lowPassiveDataPort value defaults to 0 if the statement is not set.
zHighPasvDataPort	INT	4	(IBM name: N/A) PASSIVEDATAPORTS statement. The highPassiveDataPort value defaults to blanks if the statement is not set.
zPDSType	INT (ENUM)	1	(IBM name: N/A) PDSTYPE statement.
zPortcmd	INT (ENUM)	1	(IBM name: N/A) PORTCOMMAND statement.
zPortcmdIPAddr	INT (ENUM)	1	(IBM name: N/A) PORTCOMMANDIPADDR statement.
zPortcmdPort	INT (ENUM)	1	(IBM name: N/A) PORTCOMMANDPORT statement.
zRecfm	CHAR	4	(IBM name: N/A) RECFM statement.
zPrimary	INT	4	(IBM name: N/A) PRIMARY statement.
zRlySecLevel	INT	4	(IBM name: N/A) REPLYSECURITYLEVEL statement.
zRetpt	INT	4	(IBM name: N/A) RETPD statement. The value defaults to -1 if the statement is not set.
zSBSendEOL	INT (ENUM)	4	(IBM name: N/A) SBSENDEOL statement.
zSecondary	INT	4	(IBM name: N/A) SECONDARY statement.
zSBSUBChar	CHAR	1	(IBM name: N/A) SBSUBCHAR statement.
zSecCtrConn	INT (ENUM)	1	(IBM name: N/A) SECURE_CTRLCONN statement.
zSecDataConn	INT (ENUM)	1	(IBM name: N/A) SECURE_DATACONN statement.
zSecFTP	INT (ENUM)	1	(IBM name: N/A) SECURE_FTP statement.
zSecLogin	INT (ENUM)	1	(IBM name: N/A) SECURE_LOGIN statement.
zSecPSW	INT (ENUM)	1	(IBM name: N/A) SECURE_PASSWORD statement.
zSecPSWKerb	INT (ENUM)	1	(IBM name: N/A) SECURE_PASSWORD_KERBEROS statement.
zSqlcol	INT (ENUM)	1	(IBM name: N/A) SQLCOL statement.

zSecPBSZ	INT	4	(IBM name: N/A) SECURE_PBSZ statement.
zSMFSubType	INT	4	(IBM name: N/A) SMF statement. The value defaults to 0 if the statement is not set.
zSMFAppe	INT	4	(IBM name: N/A) SMFAPPE statement. The value defaults to 0 if the statement is not set.
zSMFAppe119	INT	4	(IBM name: N/A) SMFAPPE statement. The value defaults to 0 if the statement is not set.
zSMFDcfg119	INT	4	(IBM name: N/A) SMFDCFG statement. The value defaults to 0 if the statement is not set.
zSMFDele	INT	4	(IBM name: N/A) SMFDELE statement. The value defaults to 0 if the statement is not set.
zSMFDele119	INT	4	(IBM name: N/A) SMFDELE statement. The value defaults to 0 if the statement is not set.
zSMFLogon	INT	4	(IBM name: N/A) SMFLOGN statement. The value defaults to 0 if the statement is not set.
zSMFLogon119	INT	4	(IBM name: N/A) SMFLOGN statement. The value defaults to 0 if the statement is not set.
zSMFRen	INT	4	(IBM name: N/A) SMFREN statement. The value defaults to 0 if the statement is not set.
zSMFRen119	INT	4	(IBM name: N/A) SMFREN statement. The value defaults to 0 if the statement is not set. TYPE119 SMF subtype for rename.
zSMFRetr	INT	4	(IBM name: N/A) SMFRETR statement. The value defaults to 0 if the statement is not set .
zSMFRetr119	INT	4	(IBM name: N/A) SMFRETR statement. The value defaults to 0 if the statement is not set.
zSMFStor	INT	4	(IBM name: N/A) SMFSTOR statement. The value defaults to 0 if the statement is not set.
zSMFStor119	INT	4	(IBM name: N/A) SMFSTOR statement. The value defaults to 0 if the statement is not set.
zSpaceType	INT (ENUM)	4	(IBM name: N/A) SPACETYPE statement.
zStartDir	INT (ENUM)	4	(IBM name: N/A) STARTDIRECTORY statement.
zStorClass	CHAR	8	(IBM name: N/A) STORCLASS statement. The value defaults to blanks if the statement is not set.
zTLSMec	INT (ENUM)	4	(IBM name: N/A) TLSMECHANISM statement.
zTLSPort	INT	4	(IBM name: N/A) TLSPORT statement.
zTLSRfcLevel	INT (ENUM)	4	(IBM name: N/A) TLSRFCLEVEL statement.
zTLSTimeOut	INT	4	(IBM name: N/A) TLSTIMEOUT statement.
zUcount	INT	4	(IBM name: N/A) UCOUNT statement. 60 => P (parallel mounts). The value defaults to 0 if the statement is not set.
zUcsHostCS	CHAR	8	(IBM name: N/A) UCSHOSTCS statement.
zUnFileSysBOM	INT (ENUM)	4	(IBM name: N/A) UNICODEFILESYSTEMBOM statement.
zUnitName	CHAR	8	(IBM name: N/A) UNITNAME statement. The value defaults to blanks if the statement is not set.
zUnixFileType		4	

	INT (ENUM)		(IBM name: N/A) UNIXFILETYPE statement.
zVcount	INT	4	(IBM name: N/A) UCSHOSTCS statement.
zXlateInit	CHAR	8	(IBM name: N/A) XLATE statement. The value defaults to blanks if the statement is not set.
zPort	INT	2	(IBM name: N/A) PORT start parameter.
zUmaskstr	CHAR	3	(IBM name: N/A) UMASK statement.
zSecSessReuse	INT (ENUM)	1	(IBM name: N/A) SECURE_SESSION_REUSE statement.
zApplName	CHAR	8	(IBM name: N/A) FTP server application name.

Secondary segment: SMF119#71_FTP_Daemon_Config_Data

Field Name	Type	Len	Description
<i>SMF119#71_FTP_Daemon_Config_Data.<fieldname></i>			
zDesc	CHAR	4	(IBM name: N/A) FDCD eyecatcher.

Secondary segment: SMF119#71_FTP_Daemon_Config_Data_Item

Field Name	Type	Len	Description
<i>SMF119#71_FTP_Daemon_Config_Data_Item.<fieldname></i>			
zLen	INT	2	(IBM name: N/A) Configuration data length (including the length of this field itself and also the length of the SMF119FT_FDCD_Key field).
zKey	INT (ENUM)	2	(IBM name: N/A) Configuration data key.
zData	XVCHAR	0 1024	(IBM name: N/A) Configuration data string.

Record Type 119 Subtype 72 - FTP Server Logon Failure

Primary Segment:

- SMF119#72_TCPIP_Statistics

Secondary Segment(s): 3 (in alphabetical order)

- SMF119#72_FTP_Server_Logon_Failure
- SMF119#72_FTP_Server_Logon_Failure_Security
- SMF119#72_Identification

Primary segment: SMF119#72_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#72_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#72_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#72_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to FTP server logon failure section.
z1Len	INT	2	(IBM name: N/A) Length of FTP server logon failure section.
z1Num	INT	2	(IBM name: N/A) Number of FTP server logon failure sections.
z2Off	INT	4	(IBM name: N/A) Offset to FTP server logon failure Security section.
z2Len	INT	2	(IBM name: N/A) Length of FTP server logon failure Security section.
z2Num	INT	2	(IBM name: N/A) Number of FTP server logon failure Security sections.

Secondary segment: **SMF119#72_Identification**

Field Name	Type	Len	Description
<i>SMF119#72_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#72_FTP_Server_Logon_Failure**

Field Name	Type	Len	Description
<i>SMF119#72_FTP_Server_Logon_Failure.<fieldname></i>			
zRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address.
zLIP	IPADDRESS	16	(IBM name: N/A) Local IP address.
zRPort	INT	2	(IBM name: N/A) Remote port number (Client).
zLPort	INT	2	(IBM name: N/A) Local port number (Server).
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) Client User ID received by server.
zReason	INT (ENUM)	1	Login failure reason. 'Term' => FTP session terminated after USERID was processed, but before PASSWORD was entered.. 'Invalid' => Password is not valid.. 'Expired' => Password has expired.. 'Revoked' => User ID has been revoked.. 'NoAcces' => User does not have server access.. 'Exit' => FTCHKPWD User exit reject login.. 'Excess' => Excessive bad passwords.. 'GroupID' => Group ID process failed.. 'Unknown' => User ID is unknown.. 'Cert' => Certificate is not valid. 'Client' => Client name associated with certificate or ticket does not match user name.
zConnID	INT	4	(IBM name: N/A) TCP connection ID of FTP control connection.
zSessionID	CHAR	15	(IBM name: N/A) FTP activity logging session ID. The activity logging session ID uniquely identifies the FTP session between a client and a server. The identifier is

		created by combining the job name of the FTP daemon with a 5-digit number in the range 00000 - 99999.
--	--	---

Secondary segment: SMF119#72_FTP_Server_Logon_Failure_Security

Field Name	Type	Len	Description
<i>SMF119#72_FTP_Server_Logon_Failure_Security.<fieldname></i>			
zMechanism	INT (ENUM)	1	(IBM name: N/A) Protection Mechanism.
zCProtect	INT (ENUM)	1	(IBM name: N/A) Control Connection Protection Level.
zDProtect	INT (ENUM)	1	(IBM name: N/A) Data connection protection level.
zLoginMech	INT (ENUM)	1	(IBM name: N/A) Login Method. 'Undetermined' => Login failure occurred before login method was determined.
zProtoLevel	CHAR	8	(IBM name: N/A) Protocol level (present only if Protocol Mechanism is TLS or AT-TLS) Possible values are: SSLV2, SSLV3, TLSV1, TLSV1.1, TLSV1.2.
zCipherSpec	CHAR	20	(IBM name: N/A) Cipher specification (present only if protocol mechanism is TLS or AT-TLS) Possible values when protocol level is SSLV2: RC4 US, RC4 Export, RC2 US, RC2 Export, DES 56-Bit, Triple DES US. Possible values when protocol level is SSLV3, TLSV1, TLSV1.1, or TLSV1.2: SSL_NULL_MD5, SSL_NULL_SHA, SSL_RC4_MD5_EX, SSL_RC4_MD5, SSL_RC4_SHA, SSL_RC2_MD5_EX, SSL_DES_SHA, SSL_3DES_SHA, SSL_AES_128_SHA, SSL_AES_256_SHA.
zProtBuffSize	INT	4	(IBM name: N/A) Negotiated protection buffer size.
zCipher	CHAR	2	(IBM name: N/A) Hexadecimal value of cipher specification (present only if protocol mechanism is TLS or AT-TLS). If the value is 4X, the Cipher Specification must be obtained from the zCipher4 field.
zFips140	INT (ENUM)	1	(IBM name: N/A) FIPS 140 status.
zCipher4	CHAR	4	(IBM name: N/A) Four byte hexadecimal value of Cipher Specification (present only if Protocol Mechanism is TLS or AT-TLS).
zSessReuse	INT (ENUM)	1	(IBM name: N/A) SSL session reuse.
zCSSLSessIDLen	INT	2	(IBM name: N/A) Length of the SSL session ID of FTP control connection.
zCSSLSessID	CHAR	32	(IBM name: N/A) SSL session ID of FTP control connection.
zDSSLSessIDLen	INT	2	(IBM name: N/A) Length of the SSL session ID of FTP data connection.
zDSSLSessID	CHAR	32	(IBM name: N/A) SSL session ID of FTP data connection.

Record Type 119 Subtype 73 - IPsec IKE Tunnel Activate/Refresh**Primary Segment:**

- SMF119#73_TCPIP_Statistics

Secondary Segment(s): 8 (in alphabetical order)

- SMF119#73_Identification
- SMF119#73_IPSec_IKE_Tunnel_Common
- SMF119#73_IPSec_Local_Issuer
- SMF119#73_IPSec_Local_ID
- SMF119#73_IPSec_Local_Subject
- SMF119#73_IPSec_Remote_Issuer
- SMF119#73_IPSec_Remote_ID
- SMF119#73_IPSec_Remote_Subject

Primary segment: SMF119#73_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#73_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#73_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#73_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IKE tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IKE tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IKE tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to local ID section.
z2Len	INT	2	(IBM name: N/A) Length of local ID section.
z2Num	INT	2	(IBM name: N/A) Number of local ID sections.

z3Off	INT	4	(IBM name: N/A) Offset to remote ID section.
z3Len	INT	2	(IBM name: N/A) Length of remote ID section.
z3Num	INT	2	(IBM name: N/A) Number of remote ID sections.
z4Off	INT	4	(IBM name: N/A) Offset to local issuer distinguished name section.
z4Len	INT	2	(IBM name: N/A) Length of local issuer distinguished name section.
z4Num	INT	2	(IBM name: N/A) Number of local issuer distinguished name sections.
z5Off	INT	4	(IBM name: N/A) Offset to remote issuer distinguished name section.
z5Len	INT	2	(IBM name: N/A) Length of remote issuer distinguished name section.
z5Num	INT	2	(IBM name: N/A) Number of remote issuer distinguished name sections.
z6Off	INT	4	(IBM name: N/A) Offset to local subject distinguished name section.
z6Len	INT	2	(IBM name: N/A) Length of local subject distinguished name section.
z6Num	INT	2	(IBM name: N/A) Number of local subject distinguished name sections.
z7Off	INT	4	(IBM name: N/A) Offset to remote subject distinguished name section.
z7Len	INT	2	(IBM name: N/A) Length of remote subject distinguished name section.
z7Num	INT	2	(IBM name: N/A) Number of remote subject distinguished name sections.

Secondary segment: **SMF119#73_Identification**

Field Name	Type	Len	Description
<i>SMF119#73_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int =>

			Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119T1_RecordID) ID value for correlating records.

Secondary segment: **SMF119#73_IPSec_IKE_Tunnel_Common**

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_IKE_Tunnel_Common.<fieldname></i>			
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zNATAAllowed	BIT	1	NAT traversal indicator. The NAT traversal function is enabled for this IKE tunnel.
zLclNAT	BIT	1	Local NAT indicator. A NAT has been detected in front of the local security endpoint.
zRmtNAT	BIT	1	Remote NAT indicator. A NAT has been detected in front of the remote security endpoint.
zRmtNAPT	BIT	1	Remote NAPT indicator. An NAPT has been detected in front of the remote security endpoint. Result: Some NAPTs might be undetected. In that case, the zRmtNAT bit is set, but this bit is not set.
zCanInitP1	BIT	1	IKE tunnel (P1) initiation indicator. The local security endpoint can initiate IKE tunnel negotiations with the remote security endpoint. If this bit is not set, the remote security endpoint must initiate IKE tunnel negotiations. Either side can initiate refreshes.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this IKE tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID for this IKE tunnel.
zKeyExchRule	CHAR	48	(IBM name: N/A) Key exchange rule name for this IKE tunnel.
zKeyExchAction	CHAR	48	(IBM name: N/A) Key exchange action name for this IKE tunnel.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint for this IKE tunnel. Otherwise, this field is the 4 byte IPv4 local security endpoint for this IKE tunnel.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint for this IKE tunnel. Otherwise, this field is the 4 byte IPv4 remote security endpoint for this IKE tunnel.
zCookie	CHAR	8	(IBM name: N/A) The icookie for this IKE tunnel.
zRCookie	CHAR	8	(IBM name: N/A) The rcookie for this IKE tunnel.
zExchangeMode	INT (ENUM)	1	(IBM name: N/A) Tunnel exchange mode for IKEv1 SAs. N/A for IKEv2 SAs.
zState	INT (ENUM)	1	(IBM name: N/A) Tunnel state.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This

			value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zDHGroup	INT	4	(IBM name: N/A) Diffie-Hellman group used to generate keying material for this IKE tunnel.
zPeerAuthMethod	INT (ENUM)	1	(IBM name: N/A) Tunnel peer authentication method.
zRole	INT (ENUM)	1	(IBM name: N/A) Tunnel role.
zNATTLevel	INT (ENUM)	1	(IBM name: N/A) NAT traversal support level. 'NONE' => No NAT traversal support, support is either not configured or not negotiated. 'RFCD2' => RFC 3947 draft 2 support. 'RFCD3' => RFC 3947 draft 3 support. 'RFC' => RFC 3947 support with non-z/OS peer. 'ZOS' => RFC 3947 support with z/OS peer. 'V2' => IKEv2 NAT traversal support. 'V2ZOS' => IKEv2 NAT traversal support with z/OS peer.
zExtState	INT (ENUM)	1	(IBM name: N/A) Extended tunnel state information. 'ACTIVATE' => This value is a new Phase 1 activation. 'REFRESH' => This value is a Phase 1 refresh.
zLifesize	INT	8	(IBM name: N/A) Tunnel lifesize. If this value is not 0, this value indicates the lifesize limit for the tunnel, in bytes.
zLifetime	INT	4	(IBM name: N/A) Tunnel lifetime. This value indicates the total number of seconds the tunnel remains active.
zLifetimeRefresh	TIME	4	(IBM name: N/A) Tunnel lifetime refresh. This value indicates the time at which the tunnel is refreshed (in UNIX format).
zLifetimeExpire	TIME	4	(IBM name: N/A) Tunnel lifetime expiration. This value indicates the time at which the tunnel expires (in UNIX format).
zRmtUDPPort	INT	2	(IBM name: N/A) Remote UDP port used for IKE negotiations.
zLIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the local security endpoint identity, as defined in RFC 2407. ISAKMP peers exchange and verify identities as part of the IKE tunnel (phase 1) negotiation.
zRIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the remote security endpoint identity, as defined in RFC 2407. ISAKMP peers exchange and verify identities as part of the IKE tunnel (phase 1) negotiation.
zStartTime	TIME	4	(IBM name: N/A) Tunnel start time. Indicates the time at which the tunnel was activated or refreshed (in UNIX format).
zMajorVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are used.
zMinorVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zPseudoRandomFunc	INT (ENUM)	1	(IBM name: N/A) Pseudo-random function used for seeding keying material.
zLocalAuthMethod	INT (ENUM)	1	(IBM name: N/A) The authentication method for the local endpoint.

zReauthInterval	INT	4	(IBM name: N/A) Reauthentication interval. Indicates the number of seconds between reauthentication operations.
zReauthTime	TIME	4	(IBM name: N/A) Tunnel reauthentication time. Indicates the time at which the tunnel is reauthenticated (in UNIX format).
zGeneration	INT	4	(IBM name: N/A) Tunnel generation number. The first IKE tunnel with a particular tunnel ID has generation 1. Subsequent refreshes of this IKE tunnel have the same tunnel ID, but with higher generation numbers.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. This value is 0 for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC). Result: Example values are 128 and 256.
zLclNotAfterType	INT (ENUM)	1	(IBM name: SMF119IS_IKE-TunLclNotAfterType) Format of local certificate expiration time: When the local host is using pre-shared keys for authentication (NMsiKETunLocalAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zLclCertExp	CHAR	15	(IBM name: SMF119IS_IKE-TunLclCertExp) Local certificate 'not after' time: If the time type is UTC (NMsiKETunLclNotAfterType = X'01'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GT (NMsiKETun-LclNotAfterType = X'02'), all 15 bytes of this field contain the time in GT format (YYYYMMDDhhmmssZ). When the local host is using pre-shared keys for authentication (NMsiKETunLo-calAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this field will contain binary zeroes.
zLclSerialNumber	HEX	20	(IBM name: SMF119IS_IKE-TunLclSerialNumber) Local certificate serial number. When the local host is using pre-shared keys for authentication (NMsiKETunLo-calAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zLclSerialNumLen	INT	2	(IBM name: SMF119IS_IKE-TunLclSerialNumLen) Local certificate serial number length in bytes. When the local host is using pre-shared keys for authentication (NMsiKETunLo-calAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zRmtNotAfterType	INT (ENUM)	1	(IBM name: SMF119IS_IKE-TunRmtNotAfterType) Format of remote certificate expiration time: When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zRmtCertExp	CHAR	15	(IBM name: SMF119IS_IKE-TunRmtCertExp) Remote certificate 'not after' time: If the time type is UTC (NMsiKETunRmtNotAfterType = X'01'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GT (NMsiKETunRmtNotAfterType = X'02'), all 15 bytes of this field contain the time in GT format (YYYYMMDDhhmmssZ). When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will contain binary zeroes.
zRmtSerialNumber	HEX	20	(IBM name: SMF119IS_IKE-TunRmtSerialNumber) Remote certificate serial number. When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zRmtSerialNumLen	INT	2	(IBM name: SMF119IS_IKE-TunRmtSerialNumLen) Remote certificate serial number length in bytes.

			When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
--	--	--	---

Secondary segment: **SMF119#73_IPSec_Local_ID**

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_Local_ID.<fieldname></i>			
zLocalID	XVCHAR	0 1024	(IBM name: SMF119IS_LocalID) Contents of the local identity used to negotiate the IKE tunnel. Regardless of the identity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: **SMF119#73_IPSec_Remote_ID**

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_Remote_ID.<fieldname></i>			
zRemoteID	XVCHAR	0 1024	(IBM name: SMF119IS_RemoteID) Contents of the remote identity used to negotiate the IKE tunnel. Regardless of the identity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: **SMF119#73_IPSec_Local_Issuer**

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_Local_Issuer.<fieldname></i>			
zLocalIssuer	XVCHAR	0 1024	(IBM name: SMF119IS_LocalIssuer) Contents of the local Issuerentity used to negotiate the IKE tunnel. Regardless of the Issuerentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: **SMF119#73_IPSec_Remote_Issuer**

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_Remote_Issuer.<fieldname></i>			
zRemoteIssuer	XVCHAR	0 1024	(IBM name: SMF119IS_RemoteIssuer) Contents of the remote Issuerentity used to negotiate the IKE tunnel. Regardless of the Issuerentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: **SMF119#73_IPSec_Local_Subject**

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_Local_Subject.<fieldname></i>			
zLocalSubject	XVCHAR	0 1024	(IBM name: SMF119IS_LocalSubject) Contents of the local Subjectentity used to negotiate the IKE tunnel.

			Regardless of the Subjectentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).
--	--	--	---

Secondary segment: SMF119#73_IPSec_Remote_Subject

Field Name	Type	Len	Description
<i>SMF119#73_IPSec_Remote_Subject.<fieldname></i>			
zRemoteSubject	XVCHAR	0 1024	(IBM name: SMF119IS_RemoteSubject) Contents of the remote Subjectentity used to negotiate the IKE tunnel. Regardless of the Subjectentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Record Type 119 Subtype 74 - IPSec IKE Tunnel Deactivate/Expire

Primary Segment:

- SMF119#74_TCPIP_Statistics

Secondary Segment(s): 9 (in alphabetical order)

- SMF119#74_Identification
- SMF119#74_IPSec_IKE_Counter
- SMF119#74_IPSec_IKE_Tunnel_Common
- SMF119#74_IPSec_Local_Issuer
- SMF119#74_IPSec_Local_ID
- SMF119#74_IPSec_Local_Subject
- SMF119#74_IPSec_Remote_Issuer
- SMF119#74_IPSec_Remote_ID
- SMF119#74_IPSec_Remote_Subject

Primary segment: SMF119#74_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#74_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#74_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#74_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IKE tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IKE tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IKE tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to IKE counter section.
z2Len	INT	2	(IBM name: N/A) Length of IKE counter section.
z2Num	INT	2	

			(IBM name: N/A) Number of IKE counter sections.
z3Off	INT	4	(IBM name: N/A) Offset to local ID section.
z3Len	INT	2	(IBM name: N/A) Length of local ID section.
z3Num	INT	2	(IBM name: N/A) Number of local ID sections.
z4Off	INT	4	(IBM name: N/A) Offset to remote ID section.
z4Len	INT	2	(IBM name: N/A) Length of remote ID sections.
z4Num	INT	2	(IBM name: N/A) Number of remote ID sections.
z5Off	INT	4	(IBM name: N/A) Offset to local issuer distinguished name section.
z5Len	INT	2	(IBM name: N/A) Length of local issuer distinguished name section.
z5Num	INT	2	(IBM name: N/A) Number of local issuer distinguished name sections.
z6Off	INT	4	(IBM name: N/A) Offset to remote issuer distinguished name section.
z6Len	INT	2	(IBM name: N/A) Length of remote issuer distinguished name section.
z6Num	INT	2	(IBM name: N/A) Number of remote issuer distinguished name sections.
z7Off	INT	4	(IBM name: N/A) Offset to local subject distinguished name section.
z7Len	INT	2	(IBM name: N/A) Length of local subject distinguished name section.
z7Num	INT	2	(IBM name: N/A) Number of local subject distinguished name sections.
z8Off	INT	4	(IBM name: N/A) Offset to remote subject distinguished name section.
z8Len	INT	2	(IBM name: N/A) Length of remote subject distinguished name section.
z8Num	INT	2	(IBM name: N/A) Number of remote subject distinguished name sections.

Secondary segment: **SMF119#74_Identification**

Field Name	Type	Len	Description
<i>SMF119#74_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.

zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: SMF119#74_IPSec_IKE_Tunnel_Common

Field Name	Type	Len	Description
<i>SMF119#74_IPSec_IKE_Tunnel_Common.<fieldname></i>			
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zNATAAllowed	BIT	1	NAT traversal indicator. The NAT traversal function is enabled for this IKE tunnel.
zLclNAT	BIT	1	Local NAT indicator. A NAT has been detected in front of the local security endpoint.
zRmtNAT	BIT	1	Remote NAT indicator. A NAT has been detected in front of the remote security endpoint.
zRmtNAPT	BIT	1	Remote NAPT indicator. An NAPT has been detected in front of the remote security endpoint. Result: Some NAPTs might be undetected. In that case, the zRmtNAT bit is set, but this bit is not set.
zCanInitP1	BIT	1	IKE tunnel (P1) initiation indicator. The local security endpoint can initiate IKE tunnel negotiations with the remote security endpoint. If this bit is not set, the remote security endpoint must initiate IKE tunnel negotiations. Either side can initiate refreshes.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this IKE tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID for this IKE tunnel.
zKeyExchRule	CHAR	48	(IBM name: N/A) Key exchange rule name for this IKE tunnel.
zKeyExchAction	CHAR	48	(IBM name: N/A) Key exchange action name for this IKE tunnel.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint for this IKE tunnel. Otherwise, this field is the 4 byte IPv4 local security endpoint for this IKE tunnel.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint for this IKE tunnel. Otherwise, this field is the 4 byte IPv4 remote security endpoint for this IKE tunnel.
zICookie	CHAR	8	(IBM name: N/A) The icookie for this IKE tunnel.
zRCookie	CHAR	8	(IBM name: N/A) The rcookie for this IKE tunnel.

zExchangeMode	INT (ENUM)	1	(IBM name: N/A) Tunnel exchange mode for IKEv1 SAs. N/A for IKEv2 SAs.
zState	INT (ENUM)	1	(IBM name: N/A) Tunnel state.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zDHGroup	INT	4	(IBM name: N/A) Diffie-Hellman group used to generate keying material for this IKE tunnel.
zPeerAuthMethod	INT (ENUM)	1	(IBM name: N/A) Tunnel peer authentication method.
zRole	INT (ENUM)	1	(IBM name: N/A) Tunnel role.
zNATLevel	INT (ENUM)	1	(IBM name: N/A) NAT traversal support level. 'NONE' => No NAT traversal support, support is either not configured or not negotiated. 'RFC2' => RFC 3947 draft 2 support. 'RFC3' => RFC 3947 draft 3 support. 'RFC' => RFC 3947 support with non-z/OS peer. 'ZOS' => RFC 3947 support with z/OS peer. 'V2' => IKEv2 NAT traversal support. 'V2ZOS' => IKEv2 NAT traversal support with z/OS peer.
zExtState	INT (ENUM)	1	(IBM name: N/A) Extended tunnel state information. 'ACTIVATE' => This value is a new Phase 1 activation. 'REFRESH' => This value is a Phase 1 refresh.
zLifesize	INT	8	(IBM name: N/A) Tunnel lifesize. If this value is not 0, this value indicates the lifesize limit for the tunnel, in bytes.
zLifetime	INT	4	(IBM name: N/A) Tunnel lifetime. This value indicates the total number of seconds the tunnel remains active.
zLifetimeRefresh	TIME	4	(IBM name: N/A) Tunnel lifetime refresh. This value indicates the time at which the tunnel is refreshed (in UNIX format).
zLifetimeExpire	TIME	4	(IBM name: N/A) Tunnel lifetime expiration. This value indicates the time at which the tunnel expires (in UNIX format).
zRmtUDPPort	INT	2	(IBM name: N/A) Remote UDP port used for IKE negotiations.
zLIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the local security endpoint identity, as defined in RFC 2407. ISAKMP peers exchange and verify identities as part of the IKE tunnel (phase 1) negotiation.
zRIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the remote security endpoint identity, as defined in RFC 2407. ISAKMP peers exchange and verify identities as part of the IKE tunnel (phase 1) negotiation.
zStartTime	TIME	4	(IBM name: N/A) Tunnel start time. Indicates the time at which the tunnel was activated or refreshed (in UNIX format).
zMajorVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are

			used.
zMinorVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zPseudoRandomFunc	INT (ENUM)	1	(IBM name: N/A) Pseudo-random function used for seeding keying material.
zLocalAuthMethod	INT (ENUM)	1	(IBM name: N/A) The authentication method for the local endpoint.
zReauthInterval	INT	4	(IBM name: N/A) Reauthentication interval. Indicates the number of seconds between reauthentication operations.
zReauthTime	TIME	4	(IBM name: N/A) Tunnel reauthentication time. Indicates the time at which the tunnel is reauthenticated (in UNIX format).
zGeneration	INT	4	(IBM name: N/A) Tunnel generation number. The first IKE tunnel with a particular tunnel ID has generation 1. Subsequent refreshes of this IKE tunnel have the same tunnel ID, but with higher generation numbers.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. This value is 0 for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC). Result: Example values are 128 and 256.
zLclNotAfterType	INT (ENUM)	1	(IBM name: SMF119IS_IKE-TunLclNotAfterType) Format of local certificate expiration time: When the local host is using pre-shared keys for authentication (NMsiKETunLocalAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zLclCertExp	CHAR	15	(IBM name: SMF119IS_IKE-TunLclCertExp) Local certificate 'not after' time: If the time type is UTC (NMsiKETunLclNotAfterType = X'01'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GT (NMsiKETun-LclNotAfterType = X'02'), all 15 bytes of this field contain the time in GT format (YYYYMMDDhhmmssZ). When the local host is using pre-shared keys for authentication (NMsiKETunLo-calAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this field will contain binary zeroes.
zLclSerialNumber	HEX	20	(IBM name: SMF119IS_IKE-TunLclSerialNumber) Local certificate serial number. When the local host is using pre-shared keys for authentication (NMsiKETunLo-calAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zLclSerialNumLen	INT	2	(IBM name: SMF119IS_IKE-TunLclSerialNumLen) Local certificate serial number length in bytes. When the local host is using pre-shared keys for authentication (NMsiKETunLo-calAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zRmtNotAfterType	INT (ENUM)	1	(IBM name: SMF119IS_IKE-TunRmtNotAfterType) Format of remote certificate expiration time: When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zRmtCertExp	CHAR	15	(IBM name: SMF119IS_IKE-TunRmtCertExp) Remote certificate 'not after' time: If the time type is UTC (NMsiKETunRmtNotAfterType = X'01'), the first 13 bytes of this field contain the time in UTC format (YYMMDDhhmmssZ). If the time type is GT (NMsiKETunRmtNotAfterType = X'02'), all 15 bytes of this field contain the time in GT format (YYYYMMDDhhmmssZ). When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)),

			this value will contain binary zeroes.
zRmtSerialNumber	HEX	20	(IBM name: SMF119IS_IKE-TunRmtSerialNumber) Remote certificate serial number. When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.
zRmtSerialNumLen	INT	2	(IBM name: SMF119IS_IKE-TunRmtSerialNumLen) Remote certificate serial number length in bytes. When the remote host is using pre-shared keys for authentication (NMsiKETunPeerAuthMethod = NMsec_IKETUN_PRESHAREDKEY (3)), this value will be 0.

Secondary segment: SMF119#74_IPSec_IKE_Counter

Field Name	Type	Len	Description
<i>SMF119#74_IPSec_IKE_Counter.<fieldname></i>			
zP2Current	INT	4	(IBM name: N/A) Current count of active dynamic tunnels associated with this IKE tunnel.
zP2InProgress	INT	4	(IBM name: N/A) Current count of pending or in progress dynamic tunnels associated with this IKE tunnel.
zP2LclActSuccess	INT	4	(IBM name: N/A) Cumulative count of locally initiated dynamic tunnels that were successfully activated for this IKE tunnel.
zP2RmtActSuccess	INT	4	(IBM name: N/A) Cumulative count of remotely initiated dynamic tunnel activations that were successfully activated for this IKE tunnel.
zP2LclActFailure	INT	4	(IBM name: N/A) Cumulative count of failed dynamic tunnel activations that were initiated locally for this IKE tunnel.
zP2RmtActFailure	INT	4	(IBM name: N/A) Cumulative count of failed dynamic tunnel activations that were initiated for this IKE tunnel.
zBytes	INT	8	(IBM name: N/A) Cumulative number of bytes protected by this IKE tunnel.
zP1Rexmit	INT	8	(IBM name: N/A) Cumulative number of retransmitted key exchange (phase 1) messages sent for this tunnel over the life of the IKE daemon. This data is cumulative even across TCP/IP restarts.
zP1Replay	INT	8	(IBM name: N/A) Cumulative number of replayed key exchange (phase 1) messages received for this stack over the life of the IKE daemon. This data is cumulative even a cross TCP/IP restarts.
zP2Rexmit	INT	8	(IBM name: N/A) Cumulative number of retransmitted key exchange (phase 2) messages sent for this tunnel over the life of the IKE daemon. This data is cumulative even a cross TCP/IP restarts.
zP2Replay	INT	8	(IBM name: N/A) Cumulative number of replayed key exchange (phase 2) messages received for this stack over the life of the IKE daemon. This data is cumulative even a cross TCP/IP restarts.

Secondary segment: SMF119#74_IPSec_Local_ID

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF119#74_IPSec_Local_ID.<fieldname>			
Field Name	Type	Len	Description
zLocalID	XVCHAR	0 1024	(IBM name: SMF119IS_LocalID) Contents of the local identity used to negotiate the IKE tunnel. Regardless of the identity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#74_IPSec_Remote_ID

SMF119#74_IPSec_Remote_ID.<fieldname>			
Field Name	Type	Len	Description
zRemoteID	XVCHAR	0 1024	(IBM name: SMF119IS_RemoteID) Contents of the remote identity used to negotiate the IKE tunnel. Regardless of the identity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#74_IPSec_Local_Issuer

SMF119#74_IPSec_Local_Issuer.<fieldname>			
Field Name	Type	Len	Description
zLocalIssuer	XVCHAR	0 1024	(IBM name: SMF119IS_LocalIssuer) Contents of the local Issuerentity used to negotiate the IKE tunnel. Regardless of the Issuerentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#74_IPSec_Remote_Issuer

SMF119#74_IPSec_Remote_Issuer.<fieldname>			
Field Name	Type	Len	Description
zRemoteIssuer	XVCHAR	0 1024	(IBM name: SMF119IS_RemoteIssuer) Contents of the remote Issuerentity used to negotiate the IKE tunnel. Regardless of the Issuerentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#74_IPSec_Local_Subject

SMF119#74_IPSec_Local_Subject.<fieldname>			
Field Name	Type	Len	Description
zLocalSubject	XVCHAR	0 1024	(IBM name: SMF119IS_LocalSubject) Contents of the local Subjectentity used to negotiate the IKE tunnel. Regardless of the Subjectentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#74_IPSec_Remote_Subject

SMF119#74_IPSec_Remote_Subject.<fieldname>			
Field Name	Type	Len	Description

zRemoteSubject	XVCHAR	0 1024	(IBM name: SMF119IS_RemoteSubject) Contents of the remote Subjectentity used to negotiate the IKE tunnel. Regardless of the Subjectentity type, the value is expressed as an EBCDIC string (an IP address is returned in printable form).
----------------	--------	-----------	--

Record Type 119 Subtype 75 - IPSec Dynamic Tunnel Activate/Refresh

Primary Segment:

- [SMF119#75_TCPIP_Statistics](#)

Secondary Segment(s): 6 (in alphabetical order)

- [SMF119#75_Identification](#)
- [SMF119#75_IPSec_Dynamic_Tunnel](#)
- [SMF119#75_IPSec_IKE_Dynamic_Tunnel](#)
- [SMF119#75_IPSec_IP_Tunnel_Common](#)
- [SMF119#75_IPSec_Local_Client_ID](#)
- [SMF119#75_IPSec_Remote_Client_ID](#)

Primary segment: [SMF119#75_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#75_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#75_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#75_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IP tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IP tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IP tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to dynamic tunnel section.
z2Len	INT	2	(IBM name: N/A) Length of dynamic tunnel section.
z2Num	INT	2	(IBM name: N/A) Number of tunnel sections.
z3Off	INT	4	

			(IBM name: N/A) Offset to IKE dynamic tunnel sections.
z3Len	INT	2	(IBM name: N/A) Length of IKE dynamic tunnel section.
z3Num	INT	2	(IBM name: N/A) Number of IKE dynamic tunnel sections.
z4Off	INT	4	(IBM name: N/A) Offset to local client ID section.
z4Len	INT	2	(IBM name: N/A) Length of local client ID section.
z4Num	INT	2	(IBM name: N/A) Number of local client ID sections.
z5Off	INT	4	(IBM name: N/A) Offset to remote client ID sections.
z5Len	INT	2	(IBM name: N/A) Length of remote client ID section.
z5Num	INT	2	(IBM name: N/A) Number of remote client ID sections.

Secondary segment: **SMF119#75_Identification**

Field Name	Type	Len	Description
<i>SMF119#75_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#75_IPSec_IP_Tunnel_Common**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF119#75_IPSec_IP_Tunnel_Common.<fieldname>			
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID.
zVPNAction	CHAR	48	(IBM name: N/A) Tunnel VPN action name.
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zType	INT (ENUM)	1	(IBM name: N/A) Tunnel type.
zState	INT (ENUM)	1	(IBM name: N/A) Tunnel state.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint address. Otherwise, this field is the 4 byte IPv4 local security endpoint address.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint address. Otherwise, this field is the 4 byte IPv4 remote security endpoint address.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Encapsulation mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) Tunnel Authentication Protocol.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zInbAuthSPI	INT	4	(IBM name: N/A) Tunnel inbound authentication SPI.
zOutbAuthSPI	INT	4	(IBM name: N/A) Tunnel outbound authentication SPI.
zInbEncryptSPI	INT	4	(IBM name: N/A) Tunnel inbound encryption SPI.
zOutbEncryptSPI	INT	4	(IBM name: N/A) Tunnel outbound encryption SPI.
zStartTime	TIME	4	(IBM name: N/A) Indicates the tunnel start time at which the tunnel was activated or refreshed, in UNIX format. Offset Name Ln. Format Description.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. Zero for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC and AES-GCM). Result: Example values are 128 and 256.

Secondary segment: **SMF119#75_IPSec_Dynamic_Tunnel**

Field Name	Type	Len	Description
<i>SMF119#75_IPSec_Dynamic_Tunnel.<fieldname></i>			
zUDPEncap	BIT	1	UDP encapsulation indicator. The tunnel uses UDP encapsulation mode.
zLclNAT	BIT	1	Local NAT indicator. A NAT has been detected in front of the local security endpoint.
zRmtNAT	BIT	1	Remote NAT indicator. A NAT has been detected in front of the remote security endpoint.
zRmtNAPT	BIT	1	Remote NAPT indicator. An NAPT has been detected in front of the remote security endpoint. Result: Some NAPTs might be undetected. In that case, the 'zRmtNAT' bit is set, but this bit is not set.
zRmtGW	BIT	1	Remote NAT traversal gateway indicator. The tunnel uses UDP encapsulation and the remote security endpoint is acting as an IPSec gateway.
zRmtZOS	BIT	1	Remote z/OS indicator. The remote peer has been detected to be z/OS. The remote peer might be running z/OS but it might not be detected as such, if NAT traversal is not enabled.
zCanInitP2	BIT	1	Dynamic tunnel (P2) initiation indicator. If set, the local security endpoint can initiate dynamic tunnel negotiations with the remote security endpoint, otherwise, the remote security endpoint must initiate dynamic tunnel negotiations. Either side can initiate refreshes.
zSrcIsSingle	BIT	1	Single source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6 fields.
zSrcIsPrefix	BIT	1	Prefixed source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6, fields and the source address prefix is indicated by the zSrcAddrPrefix field.
zSrcIsRange	BIT	1	Ranged source address indicator. Traffic source address range is indicated by the zSrcAddr4 and zSrcAddrRange4 fields, or by the zSrcAddr6 and zSrcAddrRange6 fields.
zDstIsSingle	BIT	1	Single destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields.
zDstIsPrefix	BIT	1	Prefixed destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields, and destination address prefix is indicated by the zDstAddrPrefix field.
zDstIsRange	BIT	1	Ranged destination address indicator. Traffic destination address range is indicated by the zDstAddr4 and zDstAddrRange4 fields, or by the zDstAddr6 and zDstAddrRange6 field.
zTransportOpaque	BIT	1	Opaque transport selector indicator. If set, the dynamic tunnel is protecting data traffic where the upper layer selectors, source and destination ports, ICMP or ICMPv6 type and code or IPv6 Mobility header type are not available as a result of fragmentation.
zVPNRule	CHAR	48	(IBM name: N/A) Dynamic VPN rule name for this tunnel. This field is blank if there is no local dynamic VPN rule.
zP1TunnelID	CHAR	48	(IBM name: N/A) Tunnel ID for this tunnel's parent IKE (phase 1) tunnel. As a result of refreshes, this tunnel ID might represent multiple related IKE tunnels.
zLifesize	INT	8	(IBM name: N/A) Tunnel lifesize. Nonzero values indicate the lifesize value limit for the tunnel, in bytes.
zLifesizeRefresh	INT	8	(IBM name: N/A) Tunnel lifesize refresh. Nonzero values indicate the lifesize value at which the tunnel is refreshed, in bytes.
zLifetimeExpire	TIME	4	(IBM name: N/A) Tunnel lifetime. Indicates the time at which the tunnel expires, in UNIX format.
zLifetimeRefresh	TIME	4	

			(IBM name: N/A) Tunnel lifetime refresh. Indicates the time at which the tunnel is refreshed, in UNIX format.
zVPNLifeExpire	TIME	4	(IBM name: N/A) Tunnel VPN lifetime expire. Nonzero values indicate the time at which the tunnel family ceases to be refreshed, in UNIX format. This field retains its original value for a refreshed tunnel.
zActMethod	INT (ENUM)	1	One of the following tunnel activation methods. 'USER' => User activation (from the command line). 'REMOTE' => Remote activation from IPsec peer. 'ONDEMAND' => On-demand activation caused by IP traffic. 'TAKEOVER' => SWSA activation as a result of a DVIPA takeover. 'AUTOACT' => Auto-activation This field retains its original value for a refreshed tunnel.
zRmtUDPPort	INT	2	(IBM name: N/A) If the tunnel uses UDP encapsulation mode, this value is the IKE UDP port of the remote security endpoint, otherwise, the value is 0.
zSrcNATOA	IPADDRESS	4	(IBM name: N/A) Source NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the source IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zDstNATOA	IPADDRESS	4	(IBM name: N/A) Destination NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the destination IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zProtocol	INT	1	(IBM name: N/A) Protocol for tunnel data. If the value is 0, the tunnel includes all protocols.
zSrcPort	INT	2	(IBM name: N/A) Low end of source port range for tunnel data or 0 if the tunnel is not limited to TCP or UDP.
zDstPort	INT	2	(IBM name: N/A) Low end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP.
zSrcAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zSrcIsSingle field is set, this field is the IPv4 or IPv6 source address for tunnel data. If the zSrcIsPrefix field is set, this field is the IPv4 or IPv6 source address base for tunnel data. If the zSrcIsRange field is set, this field is the low end of the IPv4 or IPv6 source address range for tunnel data.
zSrcAddrRange	IPADDRESS	16	(IBM name: N/A) If the zSrcIsRange field is set, this field is the highest address in the range of the IPv4 or IPv6 source addresses tunnel data.
zDstAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zDstIsSingle field is set, this field is the IPv4 or IPv6 destination address for tunnel data. If the zDstIsPrefix field is set, this field is the IPv4 or IPv6 destination address base for tunnel data. If the zDstIsRange field is set, this field is the lowest IPv4 or IPv6 destination address in the range for tunnel data.
zDstAddrRange	IPADDRESS	16	(IBM name: N/A) If the zDstIsRange field is set, this field is the highest IPv4 or IPv6 destination address in the range range for tunnel data.
zSrcAddrPrefix	INT	1	(IBM name: N/A) If the zSrcIsPrefix field is set, this field is the length of the tunnel data source address prefix in bits.
zDstAddrPrefix	INT	1	(IBM name: N/A) If the zDstIsPrefix field is set, this field is the length of the tunnel data destination address prefix in bits.
zMajorVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are

			used.
zMinorVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zType	INT	1	(IBM name: N/A) Low end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6.
zTypeRange	INT	1	(IBM name: N/A) High end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6. A tunnel applying to all type values is indicated as a value in the range 0- 255.
zCode	INT	1	(IBM name: N/A) Low end of ICMP or ICMPv6 code range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP or ICMPv6.
zCodeRange	INT	1	(IBM name: N/A) High end of ICMP or ICMPv6 code range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP or ICMPv6. A tunnel applying to all code values is indicated as a value in the range 0 - 255.
zSrcPortRange	INT	2	(IBM name: N/A) High end of source port range for tunnel data, otherwise this value is 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all source port values is indicated as a value in the range 0- 65 535.
zDstPortRange	INT	2	(IBM name: N/A) High end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all destination port values is indicated as a value in the range 0 - 65 535.
zGeneration	INT	4	(IBM name: N/A) Tunnel generation number. The first dynamic tunnel with a particular tunnel ID has generation 1. Subsequent refreshes of this dynamic tunnel have the same tunnel ID but higher generation numbers.

Secondary segment: **SMF119#75_IPSec_IKE_Dynamic_Tunnel**

Field Name	Type	Len	Description
<i>SMF119#75_IPSec_IKE_Dynamic_Tunnel.<fieldname></i>			
zFilter	CHAR	48	(IBM name: N/A) Filter name for the IP filter related to this dynamic tunnel.
zDHGroup	INT	4	(IBM name: N/A) Diffie-Hellman group used for PFS for this dynamic tunnel, or 0 if phase 2 PFS is not configured.
zLclIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the local client ID, as defined in RFC 2407. Client identities can be exchanged during negotiation to limit or define the scope of data protected by the tunnel. If client identities are not exchanged, then the scope of data protection is defined to include the peers' tunnel endpoint addresses. If client identities were not exchanged during negotiation, this field is 0.
zRmtIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the remote client ID, as defined in RFC 2407. Client identities might be exchanged during negotiation to limit or define the scope of data protected by the tunnel. If client identities are not exchanged, then the scope of data protection is defined to include the peers' tunnel endpoint addresses. If client identities were not exchanged during negotiation, this field is 0.
zExtState	INT (ENUM)	2	(IBM name: N/A) Extended tunnel state information types

Secondary segment: SMF119#75_IPSec_Local_Client_ID

Field Name	Type	Len	Description
<i>SMF119#75_IPSec_Local_Client_ID.<fieldname></i>			
zID	XVCHAR	0 1024	(IBM name: SMF119TN_ID) The local client ID for this tunnel's phase 2 negotiation. Regardless of the identity's type, the ID is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#75_IPSec_Remote_Client_ID

Field Name	Type	Len	Description
<i>SMF119#75_IPSec_Remote_Client_ID.<fieldname></i>			
zID	XVCHAR	0 1024	(IBM name: SMF119TN_ID) The remote client ID for this tunnel's phase 2 negotiation. Regardless of the identity's type, the ID is expressed as an EBCDIC string (an IP address is returned in printable form).

Record Type 119 Subtype 76 - IPSec Dynamic Tunnel Deactivate/Expire

Primary Segment:

- SMF119#76_TCPIP_Statistics

Secondary Segment(s): 6 (in alphabetical order)

- SMF119#76_Identification
- SMF119#76_IPSec_Dynamic_Tunnel
- SMF119#76_IPSec_IKE_Dynamic_Tunnel
- SMF119#76_IPSec_IP_Tunnel_Common
- SMF119#76_IPSec_Local_Client_ID
- SMF119#76_IPSec_Remote_Client_ID

Primary segment: SMF119#76_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#76_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#76_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#76_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IP tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IP tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IP tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to dynamic tunnel section.
z2Len	INT	2	(IBM name: N/A) Length of dynamic tunnel section.
z2Num	INT	2	(IBM name: N/A) Number of tunnel sections.
z3Off	INT	4	

			(IBM name: N/A) Offset to IKE dynamic tunnel sections.
z3Len	INT	2	(IBM name: N/A) Length of IKE dynamic tunnel section.
z3Num	INT	2	(IBM name: N/A) Number of IKE dynamic tunnel sections.
z4Off	INT	4	(IBM name: N/A) Offset to local client ID section.
z4Len	INT	2	(IBM name: N/A) Length of local client ID section.
z4Num	INT	2	(IBM name: N/A) Number of local client ID sections.
z5Off	INT	4	(IBM name: N/A) Offset to remote client ID sections.
z5Len	INT	2	(IBM name: N/A) Length of remote client ID section.
z5Num	INT	2	(IBM name: N/A) Number of remote client ID sections.

Secondary segment: **SMF119#76_Identification**

Field Name	Type	Len	Description
<i>SMF119#76_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats,incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#76_IPSec_IP_Tunnel_Common**

Field Name	Type	Len	Description
------------	------	-----	-------------

SMF119#76_IPSec_IP_Tunnel_Common.<fieldname>			
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID.
zVPNAction	CHAR	48	(IBM name: N/A) Tunnel VPN action name.
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zType	INT (ENUM)	1	(IBM name: N/A) Tunnel type.
zState	INT (ENUM)	1	(IBM name: N/A) Tunnel state.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint address. Otherwise, this field is the 4 byte IPv4 local security endpoint address.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint address. Otherwise, this field is the 4 byte IPv4 remote security endpoint address.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Encapsulation mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) Tunnel Authentication Protocol.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zInbAuthSPI	INT	4	(IBM name: N/A) Tunnel inbound authentication SPI.
zOutbAuthSPI	INT	4	(IBM name: N/A) Tunnel outbound authentication SPI.
zInbEncryptSPI	INT	4	(IBM name: N/A) Tunnel inbound encryption SPI.
zOutbEncryptSPI	INT	4	(IBM name: N/A) Tunnel outbound encryption SPI.
zStartTime	TIME	4	(IBM name: N/A) Indicates the tunnel start time at which the tunnel was activated or refreshed, in UNIX format. Offset Name Ln. Format Description.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. Zero for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC and AES-GCM). Result: Example values are 128 and 256.

Secondary segment: **SMF119#76_IPSec_Dynamic_Tunnel**

Field Name	Type	Len	Description
<i>SMF119#76_IPSec_Dynamic_Tunnel.<fieldname></i>			
zUDPEncap	BIT	1	UDP encapsulation indicator. The tunnel uses UDP encapsulation mode.
zLclNAT	BIT	1	Local NAT indicator. A NAT has been detected in front of the local security endpoint.
zRmtNAT	BIT	1	Remote NAT indicator. A NAT has been detected in front of the remote security endpoint.
zRmtNAPT	BIT	1	Remote NAPT indicator. An NAPT has been detected in front of the remote security endpoint. Result: Some NAPTs might be undetected. In that case, the 'zRmtNAT' bit is set, but this bit is not set.
zRmtGW	BIT	1	Remote NAT traversal gateway indicator. The tunnel uses UDP encapsulation and the remote security endpoint is acting as an IPSec gateway.
zRmtZOS	BIT	1	Remote z/OS indicator. The remote peer has been detected to be z/OS. The remote peer might be running z/OS but it might not be detected as such, if NAT traversal is not enabled.
zCanInitP2	BIT	1	Dynamic tunnel (P2) initiation indicator. If set, the local security endpoint can initiate dynamic tunnel negotiations with the remote security endpoint, otherwise, the remote security endpoint must initiate dynamic tunnel negotiations. Either side can initiate refreshes.
zSrcIsSingle	BIT	1	Single source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6 fields.
zSrcIsPrefix	BIT	1	Prefixed source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6, fields and the source address prefix is indicated by the zSrcAddrPrefix field.
zSrcIsRange	BIT	1	Ranged source address indicator. Traffic source address range is indicated by the zSrcAddr4 and zSrcAddrRange4 fields, or by the zSrcAddr6 and zSrcAddrRange6 fields.
zDstIsSingle	BIT	1	Single destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields.
zDstIsPrefix	BIT	1	Prefixed destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields, and destination address prefix is indicated by the zDstAddrPrefix field.
zDstIsRange	BIT	1	Ranged destination address indicator. Traffic destination address range is indicated by the zDstAddr4 and zDstAddrRange4 fields, or by the zDstAddr6 and zDstAddrRange6 field.
zTransportOpaque	BIT	1	Opaque transport selector indicator. If set, the dynamic tunnel is protecting data traffic where the upper layer selectors, source and destination ports, ICMP or ICMPv6 type and code or IPv6 Mobility header type are not available as a result of fragmentation.
zVPNRule	CHAR	48	(IBM name: N/A) Dynamic VPN rule name for this tunnel. This field is blank if there is no local dynamic VPN rule.
zP1TunnelID	CHAR	48	(IBM name: N/A) Tunnel ID for this tunnel's parent IKE (phase 1) tunnel. As a result of refreshes, this tunnel ID might represent multiple related IKE tunnels.
zLifesize	INT	8	(IBM name: N/A) Tunnel lifesize. Nonzero values indicate the lifesize value limit for the tunnel, in bytes.
zLifesizeRefresh	INT	8	(IBM name: N/A) Tunnel lifesize refresh. Nonzero values indicate the lifesize value at which the tunnel is refreshed, in bytes.
zLifetimeExpire	TIME	4	(IBM name: N/A) Tunnel lifetime. Indicates the time at which the tunnel expires, in UNIX format.
zLifetimeRefresh	TIME	4	

			(IBM name: N/A) Tunnel lifetime refresh. Indicates the time at which the tunnel is refreshed, in UNIX format.
zVPNLifeExpire	TIME	4	(IBM name: N/A) Tunnel VPN lifetime expire. Nonzero values indicate the time at which the tunnel family ceases to be refreshed, in UNIX format. This field retains its original value for a refreshed tunnel.
zActMethod	INT (ENUM)	1	One of the following tunnel activation methods. 'USER' => User activation (from the command line). 'REMOTE' => Remote activation from IPsec peer. 'ONDEMAND' => On-demand activation caused by IP traffic. 'TAKEOVER' => SWSA activation as a result of a DVIPA takeover. 'AUTOACT' => Auto-activation This field retains its original value for a refreshed tunnel.
zRmtUDPPort	INT	2	(IBM name: N/A) If the tunnel uses UDP encapsulation mode, this value is the IKE UDP port of the remote security endpoint, otherwise, the value is 0.
zSrcNATOA	IPADDRESS	4	(IBM name: N/A) Source NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the source IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zDstNATOA	IPADDRESS	4	(IBM name: N/A) Destination NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the destination IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zProtocol	INT	1	(IBM name: N/A) Protocol for tunnel data. If the value is 0, the tunnel includes all protocols.
zSrcPort	INT	2	(IBM name: N/A) Low end of source port range for tunnel data or 0 if the tunnel is not limited to TCP or UDP.
zDstPort	INT	2	(IBM name: N/A) Low end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP.
zSrcAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zSrcIsSingle field is set, this field is the IPv4 or IPv6 source address for tunnel data. If the zSrcIsPrefix field is set, this field is the IPv4 or IPv6 source address base for tunnel data. If the zSrcIsRange field is set, this field is the low end of the IPv4 or IPv6 source address range for tunnel data.
zSrcAddrRange	IPADDRESS	16	(IBM name: N/A) If the zSrcIsRange field is set, this field is the highest address in the range of the IPv4 or IPv6 source addresses tunnel data.
zDstAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zDstIsSingle field is set, this field is the IPv4 or IPv6 destination address for tunnel data. If the zDstIsPrefix field is set, this field is the IPv4 or IPv6 destination address base for tunnel data. If the zDstIsRange field is set, this field is the lowest IPv4 or IPv6 destination address in the range for tunnel data.
zDstAddrRange	IPADDRESS	16	(IBM name: N/A) If the zDstIsRange field is set, this field is the highest IPv4 or IPv6 destination address in the range range for tunnel data.
zSrcAddrPrefix	INT	1	(IBM name: N/A) If the zSrcIsPrefix field is set, this field is the length of the tunnel data source address prefix in bits.
zDstAddrPrefix	INT	1	(IBM name: N/A) If the zDstIsPrefix field is set, this field is the length of the tunnel data destination address prefix in bits.
zMajorVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are

			used.
zMinorVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zType	INT	1	(IBM name: N/A) Low end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6.
zTypeRange	INT	1	(IBM name: N/A) High end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6. A tunnel applying to all type values is indicated as a value in the range 0- 255.
zCode	INT	1	(IBM name: N/A) Low end of ICMP or ICMPv6 code range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP or ICMPv6.
zCodeRange	INT	1	(IBM name: N/A) High end of ICMP or ICMPv6 code range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP or ICMPv6. A tunnel applying to all code values is indicated as a value in the range 0 - 255.
zSrcPortRange	INT	2	(IBM name: N/A) High end of source port range for tunnel data, otherwise this value is 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all source port values is indicated as a value in the range 0- 65 535.
zDstPortRange	INT	2	(IBM name: N/A) High end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all destination port values is indicated as a value in the range 0 - 65 535.
zGeneration	INT	4	(IBM name: N/A) Tunnel generation number. The first dynamic tunnel with a particular tunnel ID has generation 1. Subsequent refreshes of this dynamic tunnel have the same tunnel ID but higher generation numbers.

Secondary segment: **SMF119#76_IPSec_IKE_Dynamic_Tunnel**

Field Name	Type	Len	Description
<i>SMF119#76_IPSec_IKE_Dynamic_Tunnel.<fieldname></i>			
zFilter	CHAR	48	(IBM name: N/A) Filter name for the IP filter related to this dynamic tunnel.
zDHGroup	INT	4	(IBM name: N/A) Diffie-Hellman group used for PFS for this dynamic tunnel, or 0 if phase 2 PFS is not configured.
zLclIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the local client ID, as defined in RFC 2407. Client identities can be exchanged during negotiation to limit or define the scope of data protected by the tunnel. If client identities are not exchanged, then the scope of data protection is defined to include the peers' tunnel endpoint addresses. If client identities were not exchanged during negotiation, this field is 0.
zRmtIDType	INT	1	(IBM name: N/A) ISAKMP identity type for the remote client ID, as defined in RFC 2407. Client identities might be exchanged during negotiation to limit or define the scope of data protected by the tunnel. If client identities are not exchanged, then the scope of data protection is defined to include the peers' tunnel endpoint addresses. If client identities were not exchanged during negotiation, this field is 0.
zExtState	INT (ENUM)	2	(IBM name: N/A) Extended tunnel state information types

Secondary segment: SMF119#76_IPSec_Local_Client_ID

Field Name	Type	Len	Description
<i>SMF119#76_IPSec_Local_Client_ID.<fieldname></i>			
zID	XVCHAR	0 1024	(IBM name: SMF119TN_ID) The local client ID for this tunnel's phase 2 negotiation. Regardless of the identity's type, the ID is expressed as an EBCDIC string (an IP address is returned in printable form).

Secondary segment: SMF119#76_IPSec_Remote_Client_ID

Field Name	Type	Len	Description
<i>SMF119#76_IPSec_Remote_Client_ID.<fieldname></i>			
zID	XVCHAR	0 1024	(IBM name: SMF119TN_ID) The remote client ID for this tunnel's phase 2 negotiation. Regardless of the identity's type, the ID is expressed as an EBCDIC string (an IP address is returned in printable form).

Record Type 119 Subtype 77 - IPSec Dynamic Tunnel Added**Primary Segment:**

- SMF119#77_TCPIP_Statistics

Secondary Segment(s): 4 (in alphabetical order)

- SMF119#77_Identification
- SMF119#77_IPSec_Dynamic_Tunnel
- SMF119#77_IPSec_Dynamic_Tunnel_Added
- SMF119#77_IPSec_IP_Tunnel_Common

Primary segment: SMF119#77_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#77_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#77_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#77_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IP tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IP tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IP tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to dynamic tunnel section.
z2Len	INT	2	(IBM name: N/A) Length of dynamic tunnel section.
z2Num	INT	2	(IBM name: N/A) Number of dynamic tunnel sections.
z3Off	INT	4	(IBM name: N/A) Offset to stack dynamic tunnel added section.

z3Len	INT	2	(IBM name: N/A) Length of stack dynamic tunnel added sections.
z3Num	INT	2	(IBM name: N/A) Number of stack dynamic tunnel added sections.

Secondary segment: **SMF119#77_Identification**

Field Name	Type	Len	Description
<i>SMF119#77_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#77_IPSec_IP_Tunnel_Common**

Field Name	Type	Len	Description
<i>SMF119#77_IPSec_IP_Tunnel_Common.<fieldname></i>			
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID.
zVPNAction	CHAR	48	(IBM name: N/A) Tunnel VPN action name.
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zType	INT (ENUM)	1	(IBM name: N/A) Tunnel type.
zState	INT (ENUM)	1	

			(IBM name: N/A) Tunnel state.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint address. Otherwise, this field is the 4 byte IPv4 local security endpoint address.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint address. Otherwise, this field is the 4 byte IPv4 remote security endpoint address.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Encapsulation mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) Tunnel Authentication Protocol.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zInbAuthSPI	INT	4	(IBM name: N/A) Tunnel inbound authentication SPI.
zOutbAuthSPI	INT	4	(IBM name: N/A) Tunnel outbound authentication SPI.
zInbEncryptSPI	INT	4	(IBM name: N/A) Tunnel inbound encryption SPI.
zOutbEncryptSPI	INT	4	(IBM name: N/A) Tunnel outbound encryption SPI.
zStartTime	TIME	4	(IBM name: N/A) Indicates the tunnel start time at which the tunnel was activated or refreshed, in UNIX format. Offset Name Ln. Format Description.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. Zero for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC and AES-GCM). Result: Example values are 128 and 256.

Secondary segment: SMF119#77_IPSec_Dynamic_Tunnel

Field Name	Type	Len	Description
SMF119#77_IPSec_Dynamic_Tunnel.<fieldname>			
zUDPEncap	BIT	1	UDP encapsulation indicator. The tunnel uses UDP encapsulation mode.
zLclNAT	BIT	1	Local NAT indicator. A NAT has been detected in front of the local security endpoint.
zRmtNAT	BIT	1	Remote NAT indicator. A NAT has been detected in front of the remote security endpoint.
zRmtNAPT	BIT	1	Remote NAPT indicator. An NAPT has been detected in front of the remote security endpoint. Result: Some NAPTs might be undetected. In

			that case, the 'zRmtNAT' bit is set, but this bit is not set.
zRmtGW	BIT	1	Remote NAT traversal gateway indicator. The tunnel uses UDP encapsulation and the remote security endpoint is acting as an IPsec gateway.
zRmtZOS	BIT	1	Remote z/OS indicator. The remote peer has been detected to be z/OS. The remote peer might be running z/OS but it might not be detected as such, if NAT traversal is not enabled.
zCanInitP2	BIT	1	Dynamic tunnel (P2) initiation indicator. If set, the local security endpoint can initiate dynamic tunnel negotiations with the remote security endpoint, otherwise, the remote security endpoint must initiate dynamic tunnel negotiations. Either side can initiate refreshes.
zSrcsSingle	BIT	1	Single source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6 fields.
zSrcsPrefix	BIT	1	Prefixed source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6, fields and the source address prefix is indicated by the zSrcAddrPrefix field.
zSrcsRange	BIT	1	Ranged source address indicator. Traffic source address range is indicated by the zSrcAddr4 and zSrcAddrRange4 fields, or by the zSrcAddr6 and zSrcAddrRange6 fields.
zDstlsSingle	BIT	1	Single destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields.
zDstlsPrefix	BIT	1	Prefixed destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields, and destination address prefix is indicated by the zDstAddrPrefix field.
zDstlsRange	BIT	1	Ranged destination address indicator. Traffic destination address range is indicated by the zDstAddr4 and zDstAddrRange4 fields, or by the zDstAddr6 and zDstAddrRange6 field.
zTransportOpaque	BIT	1	Opaque transport selector indicator. If set, the dynamic tunnel is protecting data traffic where the upper layer selectors, source and destination ports, ICMP or ICMPv6 type and code or IPv6 Mobility header type are not available as a result of fragmentation.
zVPNRule	CHAR	48	(IBM name: N/A) Dynamic VPN rule name for this tunnel. This field is blank if there is no local dynamic VPN rule.
zP1TunnelID	CHAR	48	(IBM name: N/A) Tunnel ID for this tunnel's parent IKE (phase 1) tunnel. As a result of refreshes, this tunnel ID might represent multiple related IKE tunnels.
zLifeseize	INT	8	(IBM name: N/A) Tunnel lifeseize. Nonzero values indicate the lifeseize value limit for the tunnel, in bytes.
zLifeseizeRefresh	INT	8	(IBM name: N/A) Tunnel lifeseize refresh. Nonzero values indicate the lifeseize value at which the tunnel is refreshed, in bytes.
zLifetimeExpire	TIME	4	(IBM name: N/A) Tunnel lifetime. Indicates the time at which the tunnel expires, in UNIX format.
zLifetimeRefresh	TIME	4	(IBM name: N/A) Tunnel lifetime refresh. Indicates the time at which the tunnel is refreshed, in UNIX format.
zVPNLifeExpire	TIME	4	(IBM name: N/A) Tunnel VPN lifetime expire. Nonzero values indicate the time at which the tunnel family ceases to be refreshed, in UNIX format. This field retains its original value for a refreshed tunnel.
zActMethod	INT (ENUM)	1	One of the following tunnel activation methods. 'USER' => User activation (from the command line). 'REMOTE' => Remote activation from IPsec peer. 'ONDEMAND' => On-demand activation caused by IP traffic. 'TAKEOVER' => SWSA activation as a result of a DVIPA takeover. 'AUTOACT' => Auto-activation This field retains its original value for a refreshed tunnel.
zRmtUDPPort	INT	2	(IBM name: N/A) If the tunnel uses UDP encapsulation mode, this value is the IKE UDP port of the remote security endpoint, otherwise, the value is 0.

zSrcNATOA	IPADDRESS	4	(IBM name: N/A) Source NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the source IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zDstNATOA	IPADDRESS	4	(IBM name: N/A) Destination NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the destination IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zProtocol	INT	1	(IBM name: N/A) Protocol for tunnel data. If the value is 0, the tunnel includes all protocols.
zSrcPort	INT	2	(IBM name: N/A) Low end of source port range for tunnel data or 0 if the tunnel is not limited to TCP or UDP.
zDstPort	INT	2	(IBM name: N/A) Low end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP.
zSrcAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zSrcIsSingle field is set, this field is the IPv4 or IPv6 source address for tunnel data. If the zSrcIsPrefix field is set, this field is the IPv4 or IPv6 source address base for tunnel data. If the zSrcIsRange field is set, this field is the low end of the IPv4 or IPv6 source address range for tunnel data.
zSrcAddrRange	IPADDRESS	16	(IBM name: N/A) If the zSrcIsRange field is set, this field is the highest address in the range of the IPv4 or IPv6 source addresses tunnel data.
zDstAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zDstIsSingle field is set, this field is the IPv4 or IPv6 destination address for tunnel data. If the zDstIsPrefix field is set, this field is the IPv4 or IPv6 destination address base for tunnel data. If the zDstIsRange field is set, this field is the lowest IPv4 or IPv6 destination address in the range for tunnel data.
zDstAddrRange	IPADDRESS	16	(IBM name: N/A) If the zDstIsRange field is set, this field is the highest IPv4 or IPv6 destination address in the range range for tunnel data.
zSrcAddrPrefix	INT	1	(IBM name: N/A) If the zSrcIsPrefix field is set, this field is the length of the tunnel data source address prefix in bits.
zDstAddrPrefix	INT	1	(IBM name: N/A) If the zDstIsPrefix field is set, this field is the length of the tunnel data destination address prefix in bits.
zMajorVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are used.
zMinorVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zType	INT	1	(IBM name: N/A) Low end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6.
zTypeRange	INT	1	(IBM name: N/A) High end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6. A tunnel applying to all type values is indicated as a value in the range 0- 255.
zCode	INT	1	(IBM name: N/A) Low end of ICMP or ICMPv6 code range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP or ICMPv6.

zCodeRange	INT	1	(IBM name: N/A) High end of ICMP or ICMPv6 code range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP or ICMPv6. A tunnel applying to all code values is indicated as a value in the range 0 - 255.
zSrcPortRange	INT	2	(IBM name: N/A) High end of source port range for tunnel data, otherwise this value is 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all source port values is indicated as a value in the range 0- 65 535.
zDstPortRange	INT	2	(IBM name: N/A) High end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all destination port values is indicated as a value in the range 0 - 65 535.
zGeneration	INT	4	(IBM name: N/A) Tunnel generation number. The first dynamic tunnel with a particular tunnel ID has generation 1. Subsequent refreshes of this dynamic tunnel have the same tunnel ID but higher generation numbers.

Secondary segment: **SMF119#77_IPSec_Dynamic_Tunnel_Added**

Field Name	Type	Len	Description
<i>SMF119#77_IPSec_Dynamic_Tunnel_Added.<fieldname></i>			
zShadow	BIT	1	SWSA shadow indicator. The tunnel is an SWSA shadow tunnel originating from a distributing stack.

Record Type 119 Subtype 78 - IPSec Dynamic Tunnel Removed

Primary Segment:

- [SMF119#78_TCPIP_Statistics](#)

Secondary Segment(s): 4 (in alphabetical order)

- [SMF119#78_Identification](#)
- [SMF119#78_IPSec_Dynamic_Tunnel](#)
- [SMF119#78_IPSec_Dynamic_Tunnel_Removed](#)
- [SMF119#78_IPSec_IP_Tunnel_Common](#)

Primary segment: [SMF119#78_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#78_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#78_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#78_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IP tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IP tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IP tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to dynamic tunnel section.
z2Len	INT	2	(IBM name: N/A) Length of dynamic tunnel section.
z2Num	INT	2	(IBM name: N/A) Number of dynamic tunnel sections.
z3Off	INT	4	(IBM name: N/A) Offset to stack dynamic tunnel removed section.

z3Len	INT	2	(IBM name: N/A) Length of stack dynamic tunnel removed sections.
z3Num	INT	2	(IBM name: N/A) Number of stack dynamic tunnel removed sections.

Secondary segment: **SMF119#78_Identification**

Field Name	Type	Len	Description
<i>SMF119#78_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#78_IPSec_IP_Tunnel_Common**

Field Name	Type	Len	Description
<i>SMF119#78_IPSec_IP_Tunnel_Common.<fieldname></i>			
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID.
zVPNAction	CHAR	48	(IBM name: N/A) Tunnel VPN action name.
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zType	INT (ENUM)	1	(IBM name: N/A) Tunnel type.
zState	INT (ENUM)	1	

			(IBM name: N/A) Tunnel state.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint address. Otherwise, this field is the 4 byte IPv4 local security endpoint address.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint address. Otherwise, this field is the 4 byte IPv4 remote security endpoint address.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Encapsulation mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) Tunnel Authentication Protocol.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zInbAuthSPI	INT	4	(IBM name: N/A) Tunnel inbound authentication SPI.
zOutbAuthSPI	INT	4	(IBM name: N/A) Tunnel outbound authentication SPI.
zInbEncryptSPI	INT	4	(IBM name: N/A) Tunnel inbound encryption SPI.
zOutbEncryptSPI	INT	4	(IBM name: N/A) Tunnel outbound encryption SPI.
zStartTime	TIME	4	(IBM name: N/A) Indicates the tunnel start time at which the tunnel was activated or refreshed, in UNIX format. Offset Name Ln. Format Description.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. Zero for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC and AES-GCM). Result: Example values are 128 and 256.

Secondary segment: SMF119#78_IPSec_Dynamic_Tunnel

Field Name	Type	Len	Description
SMF119#78_IPSec_Dynamic_Tunnel.<fieldname>			
zUDPEncap	BIT	1	UDP encapsulation indicator. The tunnel uses UDP encapsulation mode.
zLclNAT	BIT	1	Local NAT indicator. A NAT has been detected in front of the local security endpoint.
zRmtNAT	BIT	1	Remote NAT indicator. A NAT has been detected in front of the remote security endpoint.
zRmtNAPT	BIT	1	Remote NAPT indicator. An NAPT has been detected in front of the remote security endpoint. Result: Some NAPTs might be undetected. In

			that case, the 'zRmtNAT' bit is set, but this bit is not set.
zRmtGW	BIT	1	Remote NAT traversal gateway indicator. The tunnel uses UDP encapsulation and the remote security endpoint is acting as an IPSec gateway.
zRmtZOS	BIT	1	Remote z/OS indicator. The remote peer has been detected to be z/OS. The remote peer might be running z/OS but it might not be detected as such, if NAT traversal is not enabled.
zCanInitP2	BIT	1	Dynamic tunnel (P2) initiation indicator. If set, the local security endpoint can initiate dynamic tunnel negotiations with the remote security endpoint, otherwise, the remote security endpoint must initiate dynamic tunnel negotiations. Either side can initiate refreshes.
zSrcsSingle	BIT	1	Single source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6 fields.
zSrcsPrefix	BIT	1	Prefixed source address indicator. Traffic source address is indicated by the zSrcAddr4 or zSrcAddr6, fields and the source address prefix is indicated by the zSrcAddrPrefix field.
zSrcsRange	BIT	1	Ranged source address indicator. Traffic source address range is indicated by the zSrcAddr4 and zSrcAddrRange4 fields, or by the zSrcAddr6 and zSrcAddrRange6 fields.
zDstlsSingle	BIT	1	Single destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields.
zDstlsPrefix	BIT	1	Prefixed destination address indicator. Traffic destination address is indicated by the zDstAddr4 or zDstAddr6 fields, and destination address prefix is indicated by the zDstAddrPrefix field.
zDstlsRange	BIT	1	Ranged destination address indicator. Traffic destination address range is indicated by the zDstAddr4 and zDstAddrRange4 fields, or by the zDstAddr6 and zDstAddrRange6 field.
zTransportOpaque	BIT	1	Opaque transport selector indicator. If set, the dynamic tunnel is protecting data traffic where the upper layer selectors, source and destination ports, ICMP or ICMPv6 type and code or IPv6 Mobility header type are not available as a result of fragmentation.
zVPNRule	CHAR	48	(IBM name: N/A) Dynamic VPN rule name for this tunnel. This field is blank if there is no local dynamic VPN rule.
zP1TunnelID	CHAR	48	(IBM name: N/A) Tunnel ID for this tunnel's parent IKE (phase 1) tunnel. As a result of refreshes, this tunnel ID might represent multiple related IKE tunnels.
zLifeseize	INT	8	(IBM name: N/A) Tunnel lifeseize. Nonzero values indicate the lifeseize value limit for the tunnel, in bytes.
zLifeseizeRefresh	INT	8	(IBM name: N/A) Tunnel lifeseize refresh. Nonzero values indicate the lifeseize value at which the tunnel is refreshed, in bytes.
zLifetimeExpire	TIME	4	(IBM name: N/A) Tunnel lifetime. Indicates the time at which the tunnel expires, in UNIX format.
zLifetimeRefresh	TIME	4	(IBM name: N/A) Tunnel lifetime refresh. Indicates the time at which the tunnel is refreshed, in UNIX format.
zVPNLifeExpire	TIME	4	(IBM name: N/A) Tunnel VPN lifetime expire. Nonzero values indicate the time at which the tunnel family ceases to be refreshed, in UNIX format. This field retains its original value for a refreshed tunnel.
zActMethod	INT (ENUM)	1	One of the following tunnel activation methods. 'USER' => User activation (from the command line). 'REMOTE' => Remote activation from IPSec peer. 'ONDEMAND' => On-demand activation caused by IP traffic. 'TAKEOVER' => SWSA activation as a result of a DVIPA takeover. 'AUTOACT' => Auto-activation This field retains its original value for a refreshed tunnel.
zRmtUDPPort	INT	2	(IBM name: N/A) If the tunnel uses UDP encapsulation mode, this value is the IKE UDP port of the remote security endpoint, otherwise, the value is 0.

zSrcNATOA	IPADDRESS	4	(IBM name: N/A) Source NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the source IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zDstNATOA	IPADDRESS	4	(IBM name: N/A) Destination NAT original IP address. NAT original IP addresses are exchanged only for certain UDP-encapsulated tunnels. During NAT traversal negotiations, the IKE peer sends the destination IP address that it is aware of. If NAT traversal negotiation did not occur or if an IKEv1 peer did not send a source NAT-OA payload, the value of this field is 0. Restriction: An IKEv1 peer at a pre-RFC3947 NAT traversal support level cannot send a source NAT-OA payload.
zProtocol	INT	1	(IBM name: N/A) Protocol for tunnel data. If the value is 0, the tunnel includes all protocols.
zSrcPort	INT	2	(IBM name: N/A) Low end of source port range for tunnel data or 0 if the tunnel is not limited to TCP or UDP.
zDstPort	INT	2	(IBM name: N/A) Low end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP.
zSrcAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zSrcIsSingle field is set, this field is the IPv4 or IPv6 source address for tunnel data. If the zSrcIsPrefix field is set, this field is the IPv4 or IPv6 source address base for tunnel data. If the zSrcIsRange field is set, this field is the low end of the IPv4 or IPv6 source address range for tunnel data.
zSrcAddrRange	IPADDRESS	16	(IBM name: N/A) If the zSrcIsRange field is set, this field is the highest address in the range of the IPv4 or IPv6 source addresses tunnel data.
zDstAddr	IPADDRESS	16	(IBM name: N/A) One of the following values: If the zDstIsSingle field is set, this field is the IPv4 or IPv6 destination address for tunnel data. If the zDstIsPrefix field is set, this field is the IPv4 or IPv6 destination address base for tunnel data. If the zDstIsRange field is set, this field is the lowest IPv4 or IPv6 destination address in the range for tunnel data.
zDstAddrRange	IPADDRESS	16	(IBM name: N/A) If the zDstIsRange field is set, this field is the highest IPv4 or IPv6 destination address in the range range for tunnel data.
zSrcAddrPrefix	INT	1	(IBM name: N/A) If the zSrcIsPrefix field is set, this field is the length of the tunnel data source address prefix in bits.
zDstAddrPrefix	INT	1	(IBM name: N/A) If the zDstIsPrefix field is set, this field is the length of the tunnel data destination address prefix in bits.
zMajorVer	INT	1	(IBM name: N/A) Major version of the IKE protocol in use. Only the low-order 4 bits are used.
zMinorVer	INT	1	(IBM name: N/A) Minor version of the IKE protocol in use. Only the low-order 4 bits are used.
zType	INT	1	(IBM name: N/A) Low end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6.
zTypeRange	INT	1	(IBM name: N/A) High end of ICMP, ICMPv6, or MIPv6 type range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP, ICMPv6, or MIPv6. A tunnel applying to all type values is indicated as a value in the range 0- 255.
zCode	INT	1	(IBM name: N/A) Low end of ICMP or ICMPv6 code range for tunnel data, otherwise this value is 0 if the tunnel is not limited to ICMP or ICMPv6.

zCodeRange	INT	1	(IBM name: N/A) High end of ICMP or ICMPv6 code range for tunnel data, otherwise, this value is 0 if the tunnel is not limited to ICMP or ICMPv6. A tunnel applying to all code values is indicated as a value in the range 0 - 255.
zSrcPortRange	INT	2	(IBM name: N/A) High end of source port range for tunnel data, otherwise this value is 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all source port values is indicated as a value in the range 0- 65 535.
zDstPortRange	INT	2	(IBM name: N/A) High end of destination port range for tunnel data, or 0 if the tunnel is not limited to TCP or UDP. A tunnel applying to all destination port values is indicated as a value in the range 0 - 65 535.
zGeneration	INT	4	(IBM name: N/A) Tunnel generation number. The first dynamic tunnel with a particular tunnel ID has generation 1. Subsequent refreshes of this dynamic tunnel have the same tunnel ID but higher generation numbers.

Secondary segment: **SMF119#78_IPSec_Dynamic_Tunnel_Removed**

Field Name	Type	Len	Description
<i>SMF119#78_IPSec_Dynamic_Tunnel_Removed.<fieldname></i>			
zShadow	BIT	1	SWSA shadow indicator. The tunnel is an SWSA shadow tunnel originating from a distributing stack.
zLifesizeCur	INT	8	(IBM name: N/A) Current lifesize value. If the tunnel lifesize value is set, this setting represents the current value of the lifesize counter.
zOutPkt	INT	8	(IBM name: N/A) Outbound packet count for this tunnel. For SWSA tunnels, this value represents this tunnel's outbound packet count only for this particular TCP/IP stack.
zInPkt	INT	8	(IBM name: N/A) Inbound packet count for this tunnel. For SWSA tunnels, this value represents this tunnel's inbound packet count only for this particular TCP/IP stack.
zOutBytes	INT	8	(IBM name: N/A) Outbound byte count for this tunnel, representing the number of outbound data bytes protected by the tunnel. For SWSA tunnels, this value represents this tunnel's outbound byte count only for this particular TCP/IP stack.
zInBytes	INT	8	(IBM name: N/A) Inbound byte count for this tunnel, representing the number of inbound data bytes protected by the tunnel. For SWSA tunnels, this value represents this tunnel's inbound byte count only for this particular TCP/IP stack.

Record Type 119 Subtype 79 - IPsec Manual Tunnel Activate/Refresh

Primary Segment:

- [SMF119#79_TCPIP_Statistics](#)

Secondary Segment(s): 2 (in alphabetical order)

- [SMF119#79_Identification](#)
- [SMF119#79_IPSec_IP_Tunnel_Common](#)

Primary segment: [SMF119#79_TCPIP_Statistics](#)

Field Name	Type	Len	Description
<i>SMF119#79_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#79_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.
<i>SMF119#79_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IP tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IP tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IP tunnel sections.

Secondary segment: [SMF119#79_Identification](#)

Field Name	Type	Len	Description
<i>SMF119#79_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.

zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#79_IPSec_IP_Tunnel_Common**

Field Name	Type	Len	Description
<i>SMF119#79_IPSec_IP_Tunnel_Common.<fieldname></i>			
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID.
zVPNAction	CHAR	48	(IBM name: N/A) Tunnel VPN action name.
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zType	INT (ENUM)	1	(IBM name: N/A) Tunnel type.
zState	INT (ENUM)	1	(IBM name: N/A) Tunnel state.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint address. Otherwise, this field is the 4 byte IPv4 local security endpoint address.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint address. Otherwise, this field is the 4 byte IPv4 remote security endpoint address.
zEncapMode	INT (ENUM)	1	(IBM name: N/A) Encapsulation mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) Tunnel Authentication Protocol.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value

			(ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zInbAuthSPI	INT	4	(IBM name: N/A) Tunnel inbound authentication SPI.
zOutbAuthSPI	INT	4	(IBM name: N/A) Tunnel outbound authentication SPI.
zInbEncryptSPI	INT	4	(IBM name: N/A) Tunnel inbound encryption SPI.
zOutbEncryptSPI	INT	4	(IBM name: N/A) Tunnel outbound encryption SPI.
zStartTime	TIME	4	(IBM name: N/A) Indicates the tunnel start time at which the tunnel was activated or refreshed, in UNIX format. Offset Name Ln. Format Description.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. Zero for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC and AES-GCM). Result: Example values are 128 and 256.

Record Type 119 Subtype 80 - IPSec Manual Tunnel Deactivate

Primary Segment:

- SMF119#80_TCPIP_Statistics

Secondary Segment(s): 3 (in alphabetical order)

- SMF119#80_Identification
- SMF119#80_IPSec_IP_Tunnel_Common
- SMF119#80_IPSec_Manual_Tunnel

Primary segment: SMF119#80_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#80_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#80_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#80_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to common IP tunnel section.
z1Len	INT	2	(IBM name: N/A) Length of common IP tunnel section.
z1Num	INT	2	(IBM name: N/A) Number of common IP tunnel sections.
z2Off	INT	4	(IBM name: N/A) Offset to manual tunnel section.
z2Len	INT	2	(IBM name: N/A) Length of manual tunnel section.
z2Num	INT	2	(IBM name: N/A) Number of manual tunnel sections.

Secondary segment: **SMF119#80_Identification**

Field Name	Type	Len	Description
<i>SMF119#80_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#80_IPSec_IP_Tunnel_Common**

Field Name	Type	Len	Description
<i>SMF119#80_IPSec_IP_Tunnel_Common.<fieldname></i>			
zID	CHAR	48	(IBM name: SMF119TN_ID) Tunnel ID.
zVPNAction	CHAR	48	(IBM name: N/A) Tunnel VPN action name.
zIPv6	BIT	1	The IPv6 indicator. If this bit is set, all IKE tunnel security endpoints are IPv6 addresses. If this bit is not set, the endpoints are IPv4 addresses.
zFIPS140	BIT	1	FIPS 140 mode indicator. If this field is set, cryptographic operations for this tunnel are performed using cryptographic algorithms and modules that are designed to meet the FIPS 140 requirements, otherwise, cryptographic algorithms and modules that do not meet the FIPS 140 requirements might be used.
zType	INT (ENUM)	1	(IBM name: N/A) Tunnel type.
zState	INT (ENUM)	1	(IBM name: N/A) Tunnel state.
zLclEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 local security endpoint address. Otherwise, this field is the 4 byte IPv4 local security endpoint address.
zRmtEndpt	IPADDRESS	16	(IBM name: N/A) If zIPv6 is set, this field is the 16 byte IPv6 remote security endpoint address. Otherwise, this field is the 4 byte IPv4 remote security endpoint address.

zEncapMode	INT (ENUM)	1	(IBM name: N/A) Encapsulation mode.
zAuthProto	INT (ENUM)	1	(IBM name: N/A) Tunnel Authentication Protocol.
zAuthAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel authentication algorithm. 'HMAC_MD5' => The tunnel uses HMAC-MD5 authentication with the full 128-bit Integrity Check Value (ICV). This value is applicable only to IKEv1 tunnels. 'HMAC_SHA1' => The tunnel uses HMAC-SHA1 authentication with the full 160-bit ICV. This value is applicable only to IKEv1 tunnels. 'HMAC_MD5_96' => The tunnel uses HMAC-MD5 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA1_96' => The tunnel uses HMAC-SHA1 authentication with ICV truncation to 96 bits. This value is applicable only to IKEv2 tunnels. 'HMAC_SHA2_256_128' => The tunnel uses HMAC-SHA2-256 authentication with ICV truncation to 128 bits. 'HMAC_SHA2_384_192' => The tunnel uses HMAC-SHA2-384 authentication with ICV truncation to 192 bits. 'HMAC_SHA2_512_256' => The tunnel uses HMAC-SHA2-512 authentication with ICV truncation to 256 bits. 'AES128_XCBC_96' => The tunnel uses AES128-XCBC authentication with ICV truncation to 96 bits.
zEncryptAlg	INT (ENUM)	1	(IBM name: N/A) Tunnel encryption algorithm.
zInbAuthSPI	INT	4	(IBM name: N/A) Tunnel inbound authentication SPI.
zOutbAuthSPI	INT	4	(IBM name: N/A) Tunnel outbound authentication SPI.
zInbEncryptSPI	INT	4	(IBM name: N/A) Tunnel inbound encryption SPI.
zOutbEncryptSPI	INT	4	(IBM name: N/A) Tunnel outbound encryption SPI.
zStartTime	TIME	4	(IBM name: N/A) Indicates the tunnel start time at which the tunnel was activated or refreshed, in UNIX format. Offset Name Ln. Format Description.
zEncryptKeyLength	INT	4	(IBM name: N/A) Encryption key length for variable-length algorithms, in bits. Zero for encryption algorithms that have a fixed key length (such as DES and 3DES) and nonzero for encryption algorithms that have a variable key length (such as AES-CBC and AES-GCM). Result: Example values are 128 and 256.

Secondary segment: SMF119#80_IPSec_Manual_Tunnel

Field Name	Type	Len	Description
<i>SMF119#80_IPSec_Manual_Tunnel.<fieldname></i>			
zOutPkt	INT	8	(IBM name: N/A) Outbound packet count for this tunnel.
zInPkt	INT	8	(IBM name: N/A) Inbound packet count for this tunnel.
zOutBytes	INT	8	(IBM name: N/A) Outbound byte count for this tunnel, representing the number of outbound data bytes protected by the tunnel.
zInBytes	INT	8	(IBM name: N/A) Inbound byte count for this tunnel, representing the number of inbound data bytes protected by the tunnel.

Record Type 119 Subtype 81 - VTAM 3270 IDS event**Primary Segment:**

- **SMF119#81_TCPIP_Statistics**

Secondary Segment(s): 4 (in alphabetical order)

- **SMF119#81_Identification**
- **SMF119#81_IDS_3270_Common**
- **SMF119#81_IDS_3270_Inbound_Buffer**
- **SMF119#81_IDS_3270_Outbound_Buffer**

Primary segment: SMF119#81_TCPIP_Statistics

Field Name	Type	Len	Description
<i>SMF119#81_TCPIP_Statistics.<fieldname></i>			
<i>SMF119#81_TCPIP_Statistics.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: N/A) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: N/A) Record type 119
zTME	TSTMP	8	(IBM name: N/A) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: N/A) System ID.
zSSID	CHAR	4	(IBM name: N/A) Subsystem ID.
zSTY	INT	2	(IBM name: N/A) Record subtype.

<i>SMF119#81_TCPIP_Statistics.Self_defining_Section.<fieldname></i>			
zTRN	INT	2	(IBM name: SMF119SD_TRN) Number of triplets.
zDOff	INT	4	(IBM name: N/A) Offset to the TCP/IP Identification section from the beginning of the record (including RDW).
zDLen	INT	2	(IBM name: N/A) Length of the TCP/IP Identification section.
zDNum	INT	2	(IBM name: N/A) Number of TCP/IP Identification sections.
z1Off	INT	4	(IBM name: N/A) Offset to 3270 IDS common section.
z1Len	INT	2	(IBM name: N/A) Length of 3270 IDS common section.
z1Num	INT	2	(IBM name: N/A) Number of 3270 IDS common sections.
z2Off	INT	4	(IBM name: N/A) Offset to outbound buffer section.
z2Len	INT	2	(IBM name: N/A) Length of outbound buffer section.
z2Num	INT	2	(IBM name: N/A) Number of outbound buffer sections.
z3Off	INT	4	(IBM name: N/A) Offset to inbound buffer section.

z3Len	INT	2	(IBM name: N/A) Length of inbound buffer section.
z3Num	INT	2	(IBM name: N/A) Number of inbound buffer sections.

Secondary segment: **SMF119#81_Identification**

Field Name	Type	Len	Description
<i>SMF119#81_Identification.<fieldname></i>			
zSYSName	CHAR	8	(IBM name: SMF119TI_SYSName) System name from SYSNAME in IEASYSxx.
zSysplexName	CHAR	8	(IBM name: SMF119TI_SysplexName) Sysplex name from SYSPLEX in COUPLExx.
zStack	CHAR	8	(IBM name: SMF119TI_Stack) TCP/IP stack name.
zReleaseID	CHAR	8	(IBM name: SMF119TI_ReleaseID) z/OS Communications Server TCP/IP release identifier.
zComp	CHAR	8	(IBM name: SMF119TI_Comp) TCP/IP subcomponent.
zASName	CHAR	8	(IBM name: SMF119TI_ASName) Started task qualifier or name of address space that writes this SMF record.
zUserID	CHAR	8	(IBM name: SMF119TI_UserID) User ID of security context.
zASID	INT	2	(IBM name: SMF119TI_ASID) ASID of address space that writes this SMF record.
zReason	INT (ENUM)	1	(IBM name: SMF119TI_Reason) Reason for writing record. IntInc => Interval record, incomplete. Int => Interval record. IEndInc => Interval ending stats, incomplete. IEnd => Interval ending stats. IShtInc => Interval shutdown stats, incomplete. ISht => Interval shutdown stats. EvtInc => Event record, incomplete. Evt => Event record, complete.
zRecordID	INT	1	(IBM name: SMF119TI_RecordID) ID value for correlating records.

Secondary segment: **SMF119#81_IDS_3270_Common**

Field Name	Type	Len	Description
<i>SMF119#81_IDS_3270_Common.<fieldname></i>			
zTime	TSTMP	8	(IBM name: N/A) STCK time of the incident (UTC).
zPLUName	CHAR	17	(IBM name: N/A) PLU NetId.name.
zSLUName	CHAR	17	(IBM name: N/A) SLU NetId.name.
zSID	CHAR	8	(IBM name: N/A) Session Id.
zIncTk	INT	4	(IBM name: N/A) Event token.
zECode	CHAR	1	(IBM name: N/A) Event error code.
zDSCOUNT	INT	1	

			(IBM name: N/A) DSCOUNT parameter.
zACTION	INT (ENUM)	1	(IBM name: N/A) DSACTION parameter DS ACTION Report Level.
zRIP	IPADDRESS	16	(IBM name: N/A) Remote IP address (TN3270 sessions only).
zRPort	INT	2	(IBM name: N/A) Remote port number (TN3270 sessions only).
zRow	INT	1	(IBM name: N/A) 3270 display row.
zColumn	INT	1	(IBM name: N/A) 3270 display column.
zOffset	INT	2	(IBM name: N/A) Offset into 3270 Buffer.
zOBufO	INT	2	(IBM name: N/A) Outbound buffer offset.
zIBufO	INT	2	(IBM name: N/A) Inbound buffer offset.
zOBufL	INT	2	(IBM name: N/A) Outbound buffer length.
zIBufL	INT	2	(IBM name: N/A) Inbound buffer length.
zOSEQ	INT	2	(IBM name: N/A) Outbound PIU sequence number.
zISEQ	INT	2	(IBM name: N/A) Inbound PIU sequence number.
zOFLD	CHAR	32	(IBM name: N/A) 32 bytes of outbound 3270 data stream.
zIFLD	CHAR	32	(IBM name: N/A) 32 bytes of inbound PIU field 3270 data stream.

Secondary segment: SMF119#81_IDS_3270_Outbound_Buffer

Field Name	Type	Len	Description
<i>SMF119#81_IDS_3270_Outbound_Buffer.<fieldname></i>			
zTime	TSTMP	8	(IBM name: N/A) STCK time of the buffer (UTC).
zFSNF	INT	2	(IBM name: N/A) First sequence number.
zLSNF	INT	2	(IBM name: N/A) Last sequence number.
zOFF	INT	2	(IBM name: N/A) Offset of data in zRU.
zLen	INT	2	(IBM name: N/A) Length of data in zRU.
zDSBn	INT	1	(IBM name: N/A) DSCOUNT buffer number.
<i>SMF119#81_IDS_3270_Outbound_Buffer.zFlags.<fieldname></i>			
zCData	BIT	1	Confidential data.
<i>SMF119#81_IDS_3270_Outbound_Buffer.<fieldname></i>			
zTH	CHAR	26	

			(IBM name: N/A) SNA Transmission header.
zRH	CHAR	3	(IBM name: N/A) SNA Request header.
zRU	CHAR	4096	(IBM name: N/A) Outbound RU data. Note: There is one record for each outbound buffer.

Secondary segment: **SMF119#81_IDS_3270_Inbound_Buffer**

Field Name	Type	Len	Description
<i>SMF119#81_IDS_3270_Inbound_Buffer.<fieldname></i>			
zTime	TSTMP	8	(IBM name: N/A) STCK time of the buffer (UTC).
zFSNF	INT	2	(IBM name: N/A) First sequence number.
zLSNF	INT	2	(IBM name: N/A) Last sequence number.
zOFF	INT	2	(IBM name: N/A) Offset of data in zRU.
zLen	INT	2	(IBM name: N/A) Length of data in zRU.

<i>SMF119#81_IDS_3270_Inbound_Buffer.zFlags.<fieldname></i>			
zCData	BIT	1	Confidential data.

<i>SMF119#81_IDS_3270_Inbound_Buffer.<fieldname></i>			
zTH	CHAR	26	(IBM name: N/A) SNA Transmission header.
zRH	CHAR	3	(IBM name: N/A) SNA Request header.
zRU	CHAR	4096	(IBM name: N/A) Inbound RU data. Note: The inbound record is recorded in the last (or only) record.

Record Type 120 - WebSphere

SMF Record 120 (WebSphere) has several subtypes, each mapped by a structure member name of the format "T120STnn".

Record Type 120 Subtype 1 - Server Activity

Primary Segment:

- SMF120#01_WebSphere_Server_Activity

Secondary Segment(s): 4 (in alphabetical order)

- SMF120#01_Comms
- SMF120#01_JVM_Heap
- SMF120#01_Product
- SMF120#01_Server_Activity

Primary segment: SMF120#01_WebSphere_Server_Activity

Field Name	Type	Len	Description
<i>SMF120#01_WebSphere_Server_Activity.<fieldname></i>			
SMF120#01_WebSphere_Server_Activity.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zTRN	INT	4	(IBM name: SM120TRN) Number of triplets in the record.
zPRS	INT	4	(IBM name: SM120PRS) Offset to product section from RDW.
zPRL	INT	4	(IBM name: SM120PRL) Length of product section.
zPRN	INT	4	(IBM name: SM120PRN) Number of product sections.
zSAS	INT	4	(IBM name: SM120SAS) Offset to server activity section from RDW
zSAL	INT	4	

			(IBM name: SM120SAL) Length of server activity section
zSAN	INT	4	(IBM name: SM120SAN) Number of server activity sections
zCSS	INT	4	(IBM name: SM120CSS) Offset to communication session section from RDW
zCSL	INT	4	(IBM name: SM120CSL) Length of communication session section
zCSN	INT	4	(IBM name: SM120CSN) Number of communication session sections
zJHS	INT	4	(IBM name: SM120JHS) Offset to JVM heap section from RDW
zJHL	INT	4	(IBM name: SM120JHL) Length of JVM heap section
zJHN	INT	4	(IBM name: SM120JHN) Number of jvm heap sections

Secondary segment: SMF120#01_Product

Field Name	Type	Len	Description
<i>SMF120#01_Product.<fieldname></i>			
zMFV	INT	4	(IBM name: SM120MFV) CB SMF version
zCOD	CHAR	8	(IBM name: SM120COD) Character codeset in which strings in the SMF record are encoded
zEND	INT	4	(IBM name: SM120END) Encode of numbers in the SMF record
zTSF	INT	4	(IBM name: SM120TSF) Encoding of timestamps: 1: S390STCK64: The time values are encoded in 64-bit S/390@Store Clock format.
zIXR	INT	4	(IBM name: SM120IXR) Index of this record
zNRC	INT	4	(IBM name: SM120NRC) Total number of records
zNTR	INT	4	(IBM name: SM120NTR) Total number of triplets

Secondary segment: SMF120#01_Server_Activity

Field Name	Type	Len	Description
<i>SMF120#01_Server_Activity.<fieldname></i>			
zHNM	CHAR	64	(IBM name: SM120HNM) WebSphereApplication Server for z/OStransaction server host name
zSNA	CHAR	8	(IBM name: SM120SNA) WebSphereApplication Server for z/OStransaction server name
zINA	CHAR	8	(IBM name: SM120INA) WebSphereApplication Server for z/OStransaction server instance name
zSNM	INT	4	(IBM name: SM120SNM) Total number of server servants that were involved to process this activity. If applicable, up to the first five server servant address space IDs are listed within the next five fields.

zSR1	INT	4	(IBM name: SM120SR1) The specific WebSphereApplication Server for z/OStransaction server instance server servant where the request ran
zSR2	INT	4	(IBM name: SM120SR2) The specific WebSphereApplication Server for z/OStransaction server instance server servant where the request ran
zSR3	INT	4	(IBM name: SM120SR3) The specific WebSphereApplication Server for z/OStransaction server instance server servant where the request ran
zSR4	INT	4	(IBM name: SM120SR4) The specific WebSphereApplication Server for z/OStransaction server instance server servant where the request ran
zSR5	INT	4	(IBM name: SM120SR5) The specific WebSphereApplication Server for z/OStransaction server instance server servant where the request ran
zCRE	CHAR	8	(IBM name: SM120CRE) The user credentials under which the activity began. Due to deferred security authentication, the user credentials assigned to the request when it first reaches the server will often be the unauthenticated guest ID, and not the ID of the authenticated user that submitted the request.
zATY	INT (ENUM)	4	(IBM name: SM120ATY) Type of activity that this record references:
zAID	HEX	20	(IBM name: SM120AID) Identity of the activity
zWLM	HEX	8	(IBM name: SM120WLM) WLM enclave token
zAST	TSTMP	8	(IBM name: SM120AST) Activity start time
zAET	TSTMP	8	(IBM name: SM120AET) Activity stop time
zNIM	INT	4	(IBM name: SM120NIM) Number of input methods
zNGT	INT	4	(IBM name: SM120NGT) Number of global transactions that were started in the server servant
zNLT	INT	4	(IBM name: SM120NLT) Number of local transactions that were started in the server servant
zJ2E	INT	4	(IBM name: SM120J2E) J2EE server
zCEL	CHAR	8	(IBM name: SM120CEL) WebSphereApplication Server for z/OScell name
zNOD	CHAR	8	(IBM name: SM120NOD) WebSphereApplication Server for z/OSnode name
zWCP	INT	8	(IBM name: SM120WCP) Total CPU time accumulated by the WLM enclave. TOD clock format (bit 51 = microseconds).

Secondary segment: SMF120#01_Comms

Field Name	Type	Len	Description
SMF120#01_Comms.<fieldname>			
zCSH	INT	8	(IBM name: SM120CSH) Communications session handle
zCSA	CHAR	64	(IBM name: SM120CSA) Communications session address
zCSO	INT (ENUM)	4	(IBM name: SM120CSO) Communications session optimization

zSDR	INT	4	(IBM name: SM120SDR) Data received: the number of bytes received by the server. 'FFFFFFF'X indicates the 4-byte field is too small. Use SM120CDR, an 8-byte field, instead.
zSDT	INT	4	(IBM name: SM120SDT) Data transferred: the number of bytes transferred from the server back to the client. 'FFFFFFF'X indicates the 4-byte field is too small. Use SM120CDT, an 8-byte field, instead.
zCDR	INT	8	(IBM name: SM120CDR) Data received: the number of bytes received by the server.
zCDT	INT	8	(IBM name: SM120CDT) Data transferred: the number of bytes transferred from the server back to the client.

Secondary segment: **SMF120#01_JVM_Heap**

Field Name	Type	Len	Description
<i>SMF120#01_JVM_Heap.<fieldname></i>			
zJHA	INT	4	(IBM name: SM120JHA) Servant address space ID
zJHH	INT	4	(IBM name: SM120JHH) The heap for which the following data applies.
zJHC	INT	4	(IBM name: SM120JHC) The total number of allocation failures on this heap or, if querying shared storage, the subpool identifier. A negative value indicates the information is for the shared memory page pool.
zJHF	INT	8	(IBM name: SM120JHF) The total number of free bytes in the heap/subpool/page pool.
zJHT	INT	8	(IBM name: SM120JHT) The total number of bytes in the heap, subpool, or page pool.

Record Type 120 Subtype 3 - Server Interval**Primary Segment:**

- SMF120#03_WebSphere_Server_Interval

Secondary Segment(s): 4 (in alphabetical order)

- SMF120#03_HeapID
- SMF120#03_Product
- SMF120#03_Server_Interval
- SMF120#03_Server_Region

Primary segment: SMF120#03_WebSphere_Server_Interval

Field Name	Type	Len	Description
<i>SMF120#03_WebSphere_Server_Interval.<fieldname></i>			
SMF120#03_WebSphere_Server_Interval.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zTRN	INT	4	(IBM name: SM120TRN) Number of triplets in the record.
zPRS	INT	4	(IBM name: SM120PRS) Offset to product section from RDW.
zPRL	INT	4	(IBM name: SM120PRL) Length of product section.
zPRN	INT	4	(IBM name: SM120PRN) Number of product sections.
zSIS	INT	4	(IBM name: SM120SIS) Offset to server interval section from RDW
zSIL	INT	4	(IBM name: SM120SIL) Length of server interval section
zSIN	INT	4	(IBM name: SM120SIN) Number of server interval sections
SMF120#03_WebSphere_Server_Interval.Header_Self_defining_Section.Triplet.<fieldname>			
zSRS	INT	4	

			(IBM name: SM120SRS) Offset to server region section from RDW
zSRL	INT	4	(IBM name: SM120SRL) Length of server region section
zSRN	INT	4	(IBM name: SM120SRN) Number of server region sections

Secondary segment: **SMF120#03_Product**

Field Name	Type	Len	Description
<i>SMF120#03_Product.<fieldname></i>			
zMFV	INT	4	(IBM name: SM120MFV) CB SMF version
zCOD	CHAR	8	(IBM name: SM120COD) Character codeset in which strings in the SMF record are encoded
zEND	INT	4	(IBM name: SM120END) Encode of numbers in the SMF record
zTSF	INT	4	(IBM name: SM120TSF) Encoding of timestamps: 1: S390STCK64: The time values are encoded in 64-bit S/390@Store Clock format.
zIXR	INT	4	(IBM name: SM120IXR) Index of this record
zNRC	INT	4	(IBM name: SM120NRC) Total number of records
zNTR	INT	4	(IBM name: SM120NTR) Total number of triplets

Secondary segment: **SMF120#03_Server_Interval**

Field Name	Type	Len	Description
<i>SMF120#03_Server_Interval.<fieldname></i>			
zHN2	CHAR	64	(IBM name: SM120HN2) WebSphereApplication Server for z/OStransaction server host name
zSNI	CHAR	8	(IBM name: SM120SNI) WebSphereApplication Server for z/OStransaction server name
zINI	CHAR	8	(IBM name: SM120INI) WebSphereApplication Server for z/OStransaction server instance name
zSST	TSTMP	8	(IBM name: SM120SST) Time that the sample began in the server
zSET	TSTMP	8	(IBM name: SM120SET) Time that the sample ended
zNG2	INT	4	(IBM name: SM120NG2) Number of global transactions that have run through the server instance during the interval that have been initiated by the server instance during the interval
zNL2	INT	4	(IBM name: SM120NL2) Number of local transactions that have been initiated by the server instance during the interval
zNCS	INT	4	(IBM name: SM120NCS) Reserved
zNCA	INT	4	(IBM name: SM120NCA) The number of communications sessions that have been active during the

			interval
zNLS	INT	4	(IBM name: SM120NLS) Reserved
zNLA	INT	4	(IBM name: SM120NLA) Number of active local communication sessions that have been attached and active within the server instance during the interval
zNRS	INT	4	(IBM name: SM120NRS) Reserved
zNRA	INT	4	(IBM name: SM120NRA) Number of active remote communication sessions that have been attached and active within the server instance during the interval
zBTS	INT	4	(IBM name: SM120BTS) Number of bytes that have been transferred to the server from all attached clients
zBFS	INT	4	(IBM name: SM120BFS) Number of bytes that have been sent from the server to all attached clients
zBTL	INT	4	(IBM name: SM120BTL) Number of bytes that have been transferred to the server from all locally attached clients
zBFL	INT	4	(IBM name: SM120BFL) Number of bytes that have been transferred from the server to all locally attached clients
zBTR	INT	4	(IBM name: SM120BTR) Number of bytes that have been transferred to the server from all remotely attached clients
zBFR	INT	4	(IBM name: SM120BFR) Number of bytes that have been transferred from the server to all remotely attached clients
zJ2	INT	4	(IBM name: SM120J2) J2EE server.
zCL1	CHAR	8	(IBM name: SM120CL1) WebSphereApplication Server for z/OStransaction server cell name
zND1	CHAR	8	(IBM name: SM120ND1) WebSphereApplication Server for z/OStransaction server node name
zNHS	INT	4	(IBM name: SM120NHS) Reserved
zNHA	INT	4	(IBM name: SM120NHA) Number of HTTP communication sessions that have been attached and active within the server instance during the interval
zBTH	INT	4	(IBM name: SM120BTH) Number of bytes that have been transferred to the server from all HTTP attached clients
zBFH	INT	4	(IBM name: SM120BFH) Number of bytes that have been transferred from the server to all HTTP attached clients
zTEC	INT	8	(IBM name: SM120TEC) Total CPU time accumulated by the WLM enclaves. TOD clock format (bit 51 = microseconds).
zITS	INT	8	(IBM name: SM120ITS) Number of bytes that have been transferred to the server from all attached clients.
zIFS	INT	8	(IBM name: SM120IFS) Number of bytes that have been sent from the server to all attached clients
zITL	INT	8	(IBM name: SM120ITL) Number of bytes that have been transferred to the server from all locally attached clients
zIFL	INT	8	(IBM name: SM120IFL) Number of bytes that have been transferred from the server to all locally attached clients

zITR	INT	8	(IBM name: SM120ITR) Number of bytes that have been transferred to the server from all remotely attached clients
zIFR	INT	8	(IBM name: SM120IFR) Number of bytes that have been transferred from the server to all remotely attached clients
zITH	INT	8	(IBM name: SM120ITH) Number of bytes that have been transferred to the server from all HTTP attached clients
zIFH	INT	8	(IBM name: SM120IFH) Number of bytes that have been transferred from the server to all HTTP attached clients
zITP	INT	8	(IBM name: SM120ITP) Number of bytes that have been transferred to the server from all SIP attached clients
zIFP	INT	8	(IBM name: SM120IFP) Number of bytes that have been transferred from the server to all SIP attached clients.
zNPA	INT	4	(IBM name: SM120NPA) Number of SIP communication sessions that have been attached and active within the server instance during the interval
zBTP	INT	4	(IBM name: SM120BTP) Number of bytes that have been transferred to the server from all SIP attached clients.
zBFP	INT	4	(IBM name: SM120BFP) Number of bytes that have been transferred from the server to all SIP attached clients.
zIR1	HEX	4	(IBM name: SM120IR1) Reserved

Secondary segment: **SMF120#03_Server_Region**

Field Name	Type	Len	Description
<i>SMF120#03_Server_Region.<fieldname></i>			
zSSA	INT	4	(IBM name: SM120SSA) Servant address space ID
zSNT	INT	4	(IBM name: SM120SNT) Number of triplets.

<i>SMF120#03_Server_Region.Triplet.<fieldname></i>			
zSSO	INT	4	(IBM name: SM120SSO) Offset to heap id section from the beginning of this server servant section.
zSSL	INT	4	(IBM name: SM120SSL) Length of heap id section.
zSSN	INT	4	(IBM name: SM120SSN) Number of heap id sections.

Secondary segment: **SMF120#03_HeapID**

Field Name	Type	Len	Description
<i>SMF120#03_HeapID.<fieldname></i>			
zHIH	INT	4	(IBM name: SM120HIH) The heap for which the following data applies.

zHIC	INT	4	(IBM name: SM120HIC) Number of allocation failures on this heap during the interval.
zHI1	INT	8	(IBM name: SM120HI1) Minimum number of bytes during the interval.
zHI2	INT	8	(IBM name: SM120HI2) Maximum number of bytes during the interval.
zHI3	INT	8	(IBM name: SM120HI3) Average number of bytes during the interval.
zHI4	INT	8	(IBM name: SM120HI4) Minimum number of free bytes during the interval.
zHI5	INT	8	(IBM name: SM120HI5) Maximum number of free bytes during the interval.
zHI6	INT	8	(IBM name: SM120HI6) Average number of free bytes during the interval.

Record Type 120 Subtype 5 - J2EE Container Activity

Primary Segment:

- SMF120#05_WebSphere_J2EE_Activity

Secondary Segment(s): 4 (in alphabetical order)

- SMF120#05_Bean
- SMF120#05_Bean_Method
- SMF120#05_J2EE_Activity
- SMF120#05_Product

Primary segment: SMF120#05_WebSphere_J2EE_Activity

Field Name	Type	Len	Description
<i>SMF120#05_WebSphere_J2EE_Activity.<fieldname></i>			
<i>SMF120#05_WebSphere_J2EE_Activity.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zTRN	INT	4	(IBM name: SM120TRN) Number of triplets in the record.
zPRS	INT	4	(IBM name: SM120PRS) Offset to product section from RDW.
zPRL	INT	4	(IBM name: SM120PRL) Length of product section.
zPRN	INT	4	(IBM name: SM120PRN) Number of product sections.
zJA1	INT	4	(IBM name: SM120JA1) Offset to J2EE container activity section from RDW
zJA2	INT	4	(IBM name: SM120JA2) Length of J2EE container activity section
zJA3	INT	4	(IBM name: SM120JA3) Number of J2EE container activity sections
<i>SMF120#05_WebSphere_J2EE_Activity.Header_Self_defining_Section.Triplet.<fieldname></i>			
zJAS	INT	4	

			(IBM name: SM120JAS) Offset to bean section from RDW
zJAL	INT	4	(IBM name: SM120JAL) Length of bean section
zJAN	INT	4	(IBM name: SM120JAN) Number of bean sections

Secondary segment: SMF120#05_Product

Field Name	Type	Len	Description
<i>SMF120#05_Product.<fieldname></i>			
zMFV	INT	4	(IBM name: SM120MFV) CB SMF version
zCOD	CHAR	8	(IBM name: SM120COD) Character codeset in which strings in the SMF record are encoded
zEND	INT	4	(IBM name: SM120END) Encode of numbers in the SMF record
zTSF	INT	4	(IBM name: SM120TSF) Encoding of timestamps: 1: S390STCK64: The time values are encoded in 64-bit S/390@Store Clock format.
zIXR	INT	4	(IBM name: SM120IXR) Index of this record
zNRC	INT	4	(IBM name: SM120NRC) Total number of records
zNTR	INT	4	(IBM name: SM120NTR) Total number of triplets

Secondary segment: SMF120#05_J2EE_Activity

Field Name	Type	Len	Description
<i>SMF120#05_J2EE_Activity.<fieldname></i>			
zJA4	CHAR	64	(IBM name: SM120JA4) WebSphereApplication Server for z/OS@transaction server host name
zJA5	CHAR	8	(IBM name: SM120JA5) WebSphereApplication Server for z/OS@transaction server name
zJA6	CHAR	8	(IBM name: SM120JA6) WebSphereApplication Server for z/OS@transaction server instance name
zJA7	INT	4	(IBM name: SM120JA7) The specific WebSphereApplication Server for z/OS@transaction server instance server servant where the request ran
zJA8	CHAR	512	(IBM name: SM120JA8) WebSphereApplication Server for z/OS@container name
zJA9	HEX	8	(IBM name: SM120JA9) The WLM enclave token
zJAA	INT	4	(IBM name: SM120JAA) RESERVED
zJAB	HEX	20	(IBM name: SM120JAB) The identity of the activity
zCL2	CHAR	8	(IBM name: SM120CL2) Cell
zND2	CHAR	8	

			(IBM name: SM120ND2) Node
--	--	--	------------------------------

Secondary segment: **SMF120#05_Bean**

Field Name	Type	Len	Description
<i>SMF120#05_Bean.<fieldname></i>			
zJB1	CHAR	512	(IBM name: SM120JB1) AMCName of the bean activated by the container. Note If the length of the AMCName exceeds 256 DBCS characters (512 bytes), the rightmost 256 characters are recorded.
zJB2	CHAR	60	(IBM name: SM120JB2) UUID based AMC name
zJB3	INT (ENUM)	4	(IBM name: SM120JB3) The bean's type
zJB4	INT	4	(IBM name: SM120JB4) RESERVED
zJB5	INT	4	(IBM name: SM120JB5) RESERVED
zJB6	INT	4	(IBM name: SM120JB6) RESERVED
zJB7	INT (ENUM)	4	(IBM name: SM120JB7) The bean's reentrance policy
zJB8	INT	4	(IBM name: SM120JB8) RESERVED
zJMC	INT	4	(IBM name: SM120JMC) RESERVED
zJM6	INT	4	(IBM name: SM120JM6) RESERVED
zJB9	INT	4	(IBM name: SM120JB9) Number of method triplets in this bean section

<i>SMF120#05_Bean.Triplet.<fieldname></i>			
zJBS	INT	4	(IBM name: SM120JBS) Offset to bean method section from the beginning of this bean section
zJBL	INT	4	(IBM name: SM120JBL) Length of bean method section
zJBN	INT	4	(IBM name: SM120JBN) Number of bean method sections

Secondary segment: **SMF120#05_Bean_Method**

Field Name	Type	Len	Description
<i>SMF120#05_Bean_Method.<fieldname></i>			
zJM1	CHAR	1024	(IBM name: SM120JM1) The name of the method including its signature in its externalized, human-readable form. If the length of the method exceeds 512 DBCS characters (1024 bytes), the leftmost 512 characters are recorded.
zJM2	INT	4	(IBM name: SM120JM2) The number of times the method was invoked during the activity.
zJM3	INT	4	(IBM name: SM120JM3) Average response time. The response time is measured in milliseconds

			(the granularity provided by the JVM - hopefully, it will be equal to 0 in most cases).
zJM4	INT	4	(IBM name: SM120JM4) Maximum response time. The response time is measured in milliseconds.
zJM5	INT (ENUM)	4	(IBM name: SM120JM5) The bean method's transaction policy. Values from com.ibm.websphere.csi.TransactionAttribute.java:
zJM8	INT	4	(IBM name: SM120JM8) RESERVED.
zJM9	INT	4	(IBM name: SM120JM9) RESERVED.
zJMA	CHAR	512	(IBM name: SM120JMA) List of ejbRoles associated with the method. Separator character: (semicolon). If the length of the concatenated string exceeds 256 characters (512 bytes), only its leftmost 256 characters are recorded.
zJMB	INT	4	(IBM name: SM120JMB) RESERVED.
zJMD	INT	4	(IBM name: SM120JMD) RESERVED.
zJME	INT	4	(IBM name: SM120JME) ejbLoad: # of invocations
zJMF	INT	4	(IBM name: SM120JMF) ejbLoad: avg execution time
zJMG	INT	4	(IBM name: SM120JMG) ejbLoad: max execution time
zJMH	INT	4	(IBM name: SM120JMH) ejbStore: # of invocations
zJMI	INT	4	(IBM name: SM120JMI) ejbStore: avg execution time
zJMJ	INT	4	(IBM name: SM120JMJ) ejbStore: max execution time
zJMK	INT	4	(IBM name: SM120JMK) ejbActivate: # of invocations
zJML	INT	4	(IBM name: SM120JML) ejbActivate: avg execution time
zJMM	INT	4	(IBM name: SM120JMM) ejbActivate: max execution time
zJMN	INT	4	(IBM name: SM120JMN) ejbPassivate: # of invocations
zJMO	INT	4	(IBM name: SM120JMO) ejbPassivate: avg execution time
zJMP	INT	4	(IBM name: SM120JMP) ejbPassivate: max execution time
zJMQ	INT	8	(IBM name: SM120JMQ) Average cpu time in microseconds.
zJMR	INT	8	(IBM name: SM120JMR) Minimum cpu time in microseconds.
zJMS	INT	8	(IBM name: SM120JMS) Maximum cpu time in microseconds.

Record Type 120 Subtype 6 - J2EE Container Interval

Primary Segment:

- SMF120#06_WebSphere_J2EE_Interval

Secondary Segment(s): 4 (in alphabetical order)

- SMF120#06_Bean
- SMF120#06_Bean_Method
- SMF120#06_J2EE_Interval
- SMF120#06_Product

Primary segment: SMF120#06_WebSphere_J2EE_Interval

Field Name	Type	Len	Description
<i>SMF120#06_WebSphere_J2EE_Interval.<fieldname></i>			
<i>SMF120#06_WebSphere_J2EE_Interval.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zTRN	INT	4	(IBM name: SM120TRN) Number of triplets in the record.
zPRS	INT	4	(IBM name: SM120PRS) Offset to product section from RDW.
zPRL	INT	4	(IBM name: SM120PRL) Length of product section.
zPRN	INT	4	(IBM name: SM120PRN) Number of product sections.
zJ11	INT	4	(IBM name: SM120J11) Offset to J2EE container interval section from RDW
zJ12	INT	4	(IBM name: SM120J12) Length of J2EE container interval section
zJ13	INT	4	(IBM name: SM120J13) Number of J2EE container interval sections
<i>SMF120#06_WebSphere_J2EE_Interval.Header_Self_defining_Section.Triplet.<fieldname></i>			
zJIS	INT	4	

			(IBM name: SM120JIS) Offset to bean section from RDW
zJIL	INT	4	(IBM name: SM120JIL) Length of bean section
zJIN	INT	4	(IBM name: SM120JIN) Number of bean sections

Secondary segment: SMF120#06_Product

Field Name	Type	Len	Description
<i>SMF120#06_Product.<fieldname></i>			
zMFV	INT	4	(IBM name: SM120MFV) CB SMF version
zCOD	CHAR	8	(IBM name: SM120COD) Character codeset in which strings in the SMF record are encoded
zEND	INT	4	(IBM name: SM120END) Encode of numbers in the SMF record
zTSF	INT	4	(IBM name: SM120TSF) Encoding of timestamps: 1: S390STCK64: The time values are encoded in 64-bit S/390@Store Clock format.
zIXR	INT	4	(IBM name: SM120IXR) Index of this record
zNRC	INT	4	(IBM name: SM120NRC) Total number of records
zNTR	INT	4	(IBM name: SM120NTR) Total number of triplets

Secondary segment: SMF120#06_J2EE_Interval

Field Name	Type	Len	Description
<i>SMF120#06_J2EE_Interval.<fieldname></i>			
zJI4	CHAR	64	(IBM name: SM120JI4) The WebSphereApplication Server for z/OS@transaction server host name.
zJI5	CHAR	8	(IBM name: SM120JI5) The WebSphereApplication Server for z/OStransaction server name.
zJI6	CHAR	8	(IBM name: SM120JI6) The WebSphereApplication Server for z/OStransaction server instance name.
zJI7	CHAR	512	(IBM name: SM120JI7) The WebSphereApplication Server for z/OScontainer name. Note This is hardcoded to 'Default' for the 4.0.1 time frame.
zJI8	TSTMP	8	(IBM name: SM120JI8) The time that the sample began in the server.
zJI9	TSTMP	8	(IBM name: SM120JI9) The time that the sample ended.
zCL3	CHAR	8	(IBM name: SM120CL3) Cell
zND3	CHAR	8	(IBM name: SM120ND3) Node

Secondary segment: **SMF120#06_Bean**

Field Name	Type	Len	Description
<i>SMF120#06_Bean.<fieldname></i>			
zJB1	CHAR	512	(IBM name: SM120JB1) AMCName of the bean activated by the container. Note If the length of the AMCName exceeds 256 DBCS characters (512 bytes), the rightmost 256 characters are recorded.
zJB2	CHAR	60	(IBM name: SM120JB2) UUID based AMC name
zJB3	INT (ENUM)	4	(IBM name: SM120JB3) The bean's type
zJB4	INT	4	(IBM name: SM120JB4) RESERVED
zJB5	INT	4	(IBM name: SM120JB5) RESERVED
zJB6	INT	4	(IBM name: SM120JB6) RESERVED
zJB7	INT (ENUM)	4	(IBM name: SM120JB7) The bean's reentrance policy
zJB8	INT	4	(IBM name: SM120JB8) RESERVED
zJMC	INT	4	(IBM name: SM120JMC) RESERVED
zJM6	INT	4	(IBM name: SM120JM6) RESERVED
zJB9	INT	4	(IBM name: SM120JB9) Number of method triplets in this bean section

<i>SMF120#06_Bean.Triplet.<fieldname></i>			
zJBS	INT	4	(IBM name: SM120JBS) Offset to bean method section from the beginning of this bean section
zJBL	INT	4	(IBM name: SM120JBL) Length of bean method section
zJBN	INT	4	(IBM name: SM120JBN) Number of bean method sections

Secondary segment: **SMF120#06_Bean_Method**

Field Name	Type	Len	Description
<i>SMF120#06_Bean_Method.<fieldname></i>			
zJM1	CHAR	1024	(IBM name: SM120JM1) The name of the method including its signature in its externalized, human-readable form. If the length of the method exceeds 512 DBCS characters (1024 bytes), the leftmost 512 characters are recorded.
zJM2	INT	4	(IBM name: SM120JM2) The number of times the method was invoked during the activity.
zJM3	INT	4	(IBM name: SM120JM3) Average response time. The response time is measured in milliseconds (the granularity provided by the JVM - hopefully, it will be equal to 0 in most cases).
zJM4	INT	4	(IBM name: SM120JM4) Maximum response time. The response time is measured in milliseconds.
zJM5	INT (ENUM)	4	(IBM name: SM120JM5) The bean method's transaction policy. Values from com.ibm.websphere.csi.TransactionAttribute.java:

zJM8	INT	4	(IBM name: SM120JM8) RESERVED.
zJM9	INT	4	(IBM name: SM120JM9) RESERVED.
zJMA	CHAR	512	(IBM name: SM120JMA) List of ejbRoles associated with the method. Separator character: (semicolon). If the length of the concatenated string exceeds 256 characters (512 bytes), only its leftmost 256 characters are recorded.
zJMB	INT	4	(IBM name: SM120JMB) RESERVED.
zJMD	INT	4	(IBM name: SM120JMD) RESERVED.
zJME	INT	4	(IBM name: SM120JME) ejbLoad: # of invocations
zJMF	INT	4	(IBM name: SM120JMF) ejbLoad: avg execution time
zJMG	INT	4	(IBM name: SM120JMG) ejbLoad: max execution time
zJMH	INT	4	(IBM name: SM120JMH) ejbStore: # of invocations
zJMI	INT	4	(IBM name: SM120JMI) ejbStore: avg execution time
zJMJ	INT	4	(IBM name: SM120JMJ) ejbStore: max execution time
zJMK	INT	4	(IBM name: SM120JMK) ejbActivate: # of invocations
zJML	INT	4	(IBM name: SM120JML) ejbActivate: avg execution time
zJMM	INT	4	(IBM name: SM120JMM) ejbActivate: max execution time
zJMN	INT	4	(IBM name: SM120JMN) ejbPassivate: # of invocations
zJMO	INT	4	(IBM name: SM120JMO) ejbPassivate: avg execution time
zJMP	INT	4	(IBM name: SM120JMP) ejbPassivate: max execution time
zJMQ	INT	8	(IBM name: SM120JMQ) Average cpu time in microseconds.
zJMR	INT	8	(IBM name: SM120JMR) Minimum cpu time in microseconds.
zJMS	INT	8	(IBM name: SM120JMS) Maximum cpu time in microseconds.

Record Type 120 Subtype 7 - WebContainer Activity

Primary Segment:

- SMF120#07_WebSphere_WebCont_Activity

Secondary Segment(s): 5 (in alphabetical order)

- SMF120#07_HttpSes_Activity
- SMF120#07_Product
- SMF120#07_Servlet
- SMF120#07_WebApp
- SMF120#07_WebCont_Activity

Primary segment: SMF120#07_WebSphere_WebCont_Activity

Field Name	Type	Len	Description
SMF120#07_WebSphere_WebCont_Activity.<fieldname>			
SMF120#07_WebSphere_WebCont_Activity.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zTRN	INT	4	(IBM name: SM120TRN) Number of triplets in the record.
zPRS	INT	4	(IBM name: SM120PRS) Offset to product section from RDW.
zPRL	INT	4	(IBM name: SM120PRL) Length of product section.
zPRN	INT	4	(IBM name: SM120PRN) Number of product sections.
zWA1	INT	4	(IBM name: SM120WA1) Offset to WebContainer activity section from RDW.
zWA2	INT	4	(IBM name: SM120WA2) Length of WebContainer activity section.
zWA3	INT	4	(IBM name: SM120WA3) Number of WebContainer activity sections.
zWA4	INT	4	(IBM name: SM120WA4) Offset to HttpSessionManager activity section from RDW.

zWA5	INT	4	(IBM name: SM120WA5) Length of HttpSessionManager activity section.
zWA6	INT	4	(IBM name: SM120WA6) Number of HttpSessionManager activity sections.
SMF120#07_WebSphere_WebCont_Activity.Header_Self_defining_Section.Triplet.<fieldname>			
zWA7	INT	4	(IBM name: SM120WA7) Offset to WebApplication section from RDW.
zWA8	INT	4	(IBM name: SM120WA8) Length of WebApplication section.
zWA9	INT	4	(IBM name: SM120WA9) Number of WebApplication sections.

Secondary segment: SMF120#07_Product

Field Name	Type	Len	Description
<i>SMF120#07_Product.<fieldname></i>			
zMFV	INT	4	(IBM name: SM120MFV) CB SMF version
zCOD	CHAR	8	(IBM name: SM120COD) Character codeset in which strings in the SMF record are encoded
zEND	INT	4	(IBM name: SM120END) Encode of numbers in the SMF record
zTSF	INT	4	(IBM name: SM120TSF) Encoding of timestamps: 1: S390STCK64: The time values are encoded in 64-bit S/390@Store Clock format.
zIXR	INT	4	(IBM name: SM120IXR) Index of this record
zNRC	INT	4	(IBM name: SM120NRC) Total number of records
zNTR	INT	4	(IBM name: SM120NTR) Total number of triplets

Secondary segment: SMF120#07_WebCont_Activity

Field Name	Type	Len	Description
<i>SMF120#07_WebCont_Activity.<fieldname></i>			
zWAA	CHAR	64	(IBM name: SM120WAA) The WebSpheretransaction server host name.
zWAB	CHAR	8	(IBM name: SM120WAB) The WebSpheretransaction server name.
zWAC	CHAR	8	(IBM name: SM120WAC) The WebSpheretransaction server instance name.
zWAD	HEX	8	(IBM name: SM120WAD) The WLM enclave token.
zWAE	HEX	20	(IBM name: SM120WAE) The identity of the activity.
zWAF	TSTMP	8	(IBM name: SM120WAF) The time the activity began in the server.
zWAG	TSTMP	8	(IBM name: SM120WAG) The time the activity ended.

zCL4	CHAR	8	(IBM name: SM120CL4) Cell
zND4	CHAR	8	(IBM name: SM120ND4) Node

Secondary segment: **SMF120#07_HttpSes_Activity**

Field Name	Type	Len	Description
<i>SMF120#07_HttpSes_Activity.<fieldname></i>			
zWAH	INT	4	(IBM name: SM120WAH) 'created Sessions': Number of http sessions that were created.
zWAI	INT	4	(IBM name: SM120WAI) 'invalidatedSessions': Number of http session that were invalidated.
zWAJ	INT	4	(IBM name: SM120WAJ) 'activeSessions': Number of http sessions that were referenced during this activity.
zWAK	INT	4	(IBM name: SM120WAK) 'sessionLifeTime': lifetime of the session in milliseconds. If 'invalidatedSessions' > 0, this is the average lifetime (in milliseconds) of the invalidated http session.

Secondary segment: **SMF120#07_WebApp**

Field Name	Type	Len	Description
<i>SMF120#07_WebApp.<fieldname></i>			
zWAL	CHAR	256	(IBM name: SM120WAL) The name of the WebApplication.
zWAM	INT	4	(IBM name: SM120WAM) Number of servlet triplets in this web application section.

<i>SMF120#07_WebApp.Triplet.<fieldname></i>			
zWAN	INT	4	(IBM name: SM120WAN) Offset to servlet section from the beginning of this WebApplication section.
zWAO	INT	4	(IBM name: SM120WAO) Length of servlet section.
zWAP	INT	4	(IBM name: SM120WAP) Number of servlet sections.

Secondary segment: **SMF120#07_Servlet**

Field Name	Type	Len	Description
<i>SMF120#07_Servlet.<fieldname></i>			
zWAQ	CHAR	256	(IBM name: SM120WAQ) The name of the servlet.
zWAR	FIXED	4 (10,3)	(IBM name: SM120WAR) 'responseTime': Response time expressed as seconds.
zWAS	INT	4	(IBM name: SM120WAS) 'numErrors': The number of errors that were encountered during the servlet execution.

zWAT	INT	4	(IBM name: SM120WAT) 'loaded': 0: The servlet did not have to be loaded as a result of this request. 1: The servlet had to be loaded as the result of this request.
zWAU	CHAR	16	(IBM name: SM120WAU) 'loadedSince': Timestamp from System.currentTimeMillis() when the servlet was loaded, in HEX format. Sample:The data as it appears in the record has the format e7ef7c577c , which needs to be converted to a Javalong: 996155348860 . The Javalong digits can be converted to java.util.Date: Thu Jul 26 15:49:08 GMT+02:00 2001
zCPU	TIME	4	(IBM name: SM120CPU) Cpu time in microseconds.

Record Type 120 Subtype 8 - WebContainer Interval

Primary Segment:

- SMF120#08_WebSphere_WebCont_Interval

Secondary Segment(s): 5 (in alphabetical order)

- SMF120#08_HttpSes_Interval
- SMF120#08_Product
- SMF120#08_Servlet
- SMF120#08_WebApp
- SMF120#08_WebCont_Interval

Primary segment: SMF120#08_WebSphere_WebCont_Interval

Field Name	Type	Len	Description
SMF120#08_WebSphere_WebCont_Interval.<fieldname>			
SMF120#08_WebSphere_WebCont_Interval.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype. 1=Job start or start of other work unit. The subtype 1 record identifies the work unit but contains no resource data. 2=Activity since previous interval ended. 3=Activity for the last interval before step termination. 4=Step total. 5=Job termination or termination of other work unit. 6=System address space. Contains the total resources used since the start of the address space. Note that the data in the subtype 6 record is cumulative, unlike the subtype 2 record.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zTRN	INT	4	(IBM name: SM120TRN) Number of triplets in the record.
zPRS	INT	4	(IBM name: SM120PRS) Offset to product section from RDW.
zPRL	INT	4	(IBM name: SM120PRL) Length of product section.
zPRN	INT	4	(IBM name: SM120PRN) Number of product sections.
zWI1	INT	4	(IBM name: SM120WI1) Offset to WebContainer interval section from RDW.
zWI2	INT	4	(IBM name: SM120WI2) Length of WebContainer interval section.
zWI3	INT	4	(IBM name: SM120WI3) Number of WebContainer interval sections.
zWI4	INT	4	(IBM name: SM120WI4) Offset to HttpSessionManager interval section from RDW.

zWI5	INT	4	(IBM name: SM120WI5) Length of HttpSessionManager interval section.
zWI6	INT	4	(IBM name: SM120WI6) Number of HttpSessionManager interval sections.
SMF120#08_WebSphere_WebCont_Interval.Header_Self_defining_Section.Triplet.<fieldname>			
zWI7	INT	4	(IBM name: SM120WI7) Offset to WebApplication section from RDW.
zWI8	INT	4	(IBM name: SM120WI8) Length of WebApplication section.
zWI9	INT	4	(IBM name: SM120WI9) Number of WebApplication sections.

Secondary segment: **SMF120#08_Product**

Field Name	Type	Len	Description
<i>SMF120#08_Product.<fieldname></i>			
zMFV	INT	4	(IBM name: SM120MFV) CB SMF version
zCOD	CHAR	8	(IBM name: SM120COD) Character codeset in which strings in the SMF record are encoded
zEND	INT	4	(IBM name: SM120END) Encode of numbers in the SMF record
zTSF	INT	4	(IBM name: SM120TSF) Encoding of timestamps: 1: S390STCK64: The time values are encoded in 64-bit S/390@Store Clock format.
zIXR	INT	4	(IBM name: SM120IXR) Index of this record
zNRC	INT	4	(IBM name: SM120NRC) Total number of records
zNTR	INT	4	(IBM name: SM120NTR) Total number of triplets

Secondary segment: **SMF120#08_WebCont_Interval**

Field Name	Type	Len	Description
<i>SMF120#08_WebCont_Interval.<fieldname></i>			
zWIA	CHAR	64	(IBM name: SM120WIA) The WebSpheretransaction server host name.
zWIB	CHAR	8	(IBM name: SM120WIB) The WebSpheretransaction server name.
zWIC	CHAR	8	(IBM name: SM120WIC) The WebSpheretransaction server instance name.
zWID	TSTMP	8	(IBM name: SM120WID) The time the sample began.
zWIE	TSTMP	8	(IBM name: SM120WIE) The time the sample ended.
zCL5	CHAR	8	(IBM name: SM120CL5) Cell
zND5	CHAR	8	(IBM name: SM120ND5) Node

Secondary segment: **SMF120#08_HttpSes_Interval**

Field Name	Type	Len	Description
<i>SMF120#08_HttpSes_Interval.<fieldname></i>			
zWIF	INT	4	(IBM name: SM120WIF) 'createdSessions': Number of http sessions that were created.
zWIG	INT	4	(IBM name: SM120WIG) 'invalidatedSessions': Number of http sessions that were invalidated.
zWIH	INT	4	(IBM name: SM120WIH) 'activeSessions': Current number of http sessions that are actively referenced in the server at the end of the interval.
zWII	INT	4	(IBM name: SM120WII) 'minActiveSessions': Minimum number of active http sessions during the interval..
zWIJ	INT	4	(IBM name: SM120WIJ) 'maxActiveSessions': Maximum number of active http sessions during the interval.
zWIK	INT	4	(IBM name: SM120WIK) 'sessionLifeTime': Average lifetime (in milliseconds) of invalidated http sessions.
zWIL	INT	4	(IBM name: SM120WIL) 'sessionInvalidateTime': Average time (in milliseconds) that was required to process the invalidation of http sessions.
zWIM	INT	4	(IBM name: SM120WIM) 'finalizedSessions': Number of sessions that were finalized.
zWIN	INT	4	(IBM name: SM120WIN) 'liveSessions': Total number of http sessions being tracked by the server at the end of the interval. This includes both active and inactive sessions.
zWIO	INT	4	(IBM name: SM120WIO) 'minLiveSessions': Minimum number of live http sessions during the interval.
zWIP	INT	4	(IBM name: SM120WIP) 'maxLiveSessions': Maximum number of live http sessions during the interval.

Secondary segment: **SMF120#08_WebApp**

Field Name	Type	Len	Description
<i>SMF120#08_WebApp.<fieldname></i>			
zWIQ	CHAR	256	(IBM name: SM120WIQ) The WebApplication name.
zWIR	INT	4	(IBM name: SM120WIR) 'numLoadedServlets': Number of servlets that were loaded. Note This value might differ from the number of servlet sections in this record since servlets might exist that have been inactive during the interval.
zWIS	INT	4	(IBM name: SM120WIS) Number of servlet triplets in this web application section.
<i>SMF120#08_WebApp.Triplet.<fieldname></i>			
zWIT	INT	4	(IBM name: SM120WIT) Offset to servlet section from the beginning of this WebApplication section.
zWIU	INT	4	(IBM name: SM120WIU) Length of the servlet section.

zWIV	INT	4	(IBM name: SM120WIV) Number of servlet section.
------	-----	---	--

Secondary segment: **SMF120#08_Servlet**

Field Name	Type	Len	Description
<i>SMF120#08_Servlet.<fieldname></i>			
zWIW	CHAR	256	(IBM name: SM120WIW) The servlet name.
zWIX	INT	4	(IBM name: SM120WIX) 'totalRequests': Number of times the servlet service was requested during the interval.
zWIY	INT	4	(IBM name: SM120WIY) 'responseTime': Average response time in milliseconds.
zWIZ	INT	4	(IBM name: SM120WIZ) 'minResponseTime': Minimum response time in milliseconds.
zWJ1	INT	4	(IBM name: SM120WJ1) 'maxResponseTime': Maximum response time in milliseconds.
zWJ2	INT	4	(IBM name: SM120WJ2) 'numErrors': The number of errors that were encountered during servlet execution.
zWJ3	CHAR	16	(IBM name: SM120WJ3) 'loadedSince': Timestamp when the servlet was loaded. Sample: Fri May 25 08:42:25 EDT 2001
zWJ4	INT	8	(IBM name: SM120WJ4) Average cpu time in microseconds
zWJ5	INT	8	(IBM name: SM120WJ5) Minimum cpu time in microseconds
zWJ6	INT	8	(IBM name: SM120WJ6) Maximum cpu time in microseconds

Record Type 120 Subtype 9 - Request Activity

Primary Segment:

- SMF120#09_WebSphere_Request_Activity

Secondary Segment(s): 11 (in alphabetical order)

- SMF120#09_zOS_Req
- SMF120#09_zOS_Server
- SMF120#09_zOS_Timestamp
- SMF120#09_ASync
- SMF120#09_Classification
- SMF120#09_CPU_Usage
- SMF120#09_Network
- SMF120#09_PFM_Neut_Req
- SMF120#09_PFM_Neut_Server
- SMF120#09_Security
- SMF120#09_User

Primary segment: SMF120#09_WebSphere_Request_Activity

Field Name	Type	Len	Description
SMF120#09_WebSphere_Request_Activity.<fieldname>			
SMF120#09_WebSphere_Request_Activity.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zAA	INT	4	(IBM name: SM120AA) Subtype version number
zAB	INT	4	(IBM name: SM120AB) Number of triplets
zAC	INT	4	(IBM name: SM120AC) Index of this record
zAD	INT	4	(IBM name: SM120AD) Total number of records
zAE	HEX	8	(IBM name: SM120AE) Record continuation token
zAF	INT	4	(IBM name: SM120AF) The offset to the Platform neutral server information section
zAG	INT	4	(IBM name: SM120AG) The length of the Platform neutral server information section
zAH	INT	4	(IBM name: SM120AH) The number of Platform neutral server information sections

zAI	INT	4	(IBM name: SM120AI) The offset to the z/OSserver information section
zAJ	INT	4	(IBM name: SM120AJ) The length of the z/OSserver information section
zAK	INT	4	(IBM name: SM120AK) The number of z/OSserver information sections
zAL	INT	4	(IBM name: SM120AL) The offset to the Platform neutral request information section
zAM	INT	4	(IBM name: SM120AM) The length of the Platform neutral request information section
zAN	INT	4	(IBM name: SM120AN) The number of Platform neutral request information sections
zAO	INT	4	(IBM name: SM120AO) The offset to the z/OSrequest information section
zAP	INT	4	(IBM name: SM120AP) The length of the z/OSrequest information section
zAQ	INT	4	(IBM name: SM120AQ) The number of z/OSrequest information sections
zAR	INT	4	(IBM name: SM120AR) The offset to the z/OSformatted timestamps section
zAS	INT	4	(IBM name: SM120AS) The length of the z/OSformatted timestamps section
zAT	INT	4	(IBM name: SM120AT) The number of z/OSformatted timestamps sections
zAU	INT	4	(IBM name: SM120AU) The offset to the Network data for HTTP, SIP and IIOp transports section
zAV	INT	4	(IBM name: SM120AV) The length of the Network data for HTTP, SIP and IIOp transports section
zAW	INT	4	(IBM name: SM120AW) The number of Network data for HTTP, SIP and IIOp transports sections
zAX	INT	4	(IBM name: SM120AX) The offset to the Classification data section
zAY	INT	4	(IBM name: SM120AY) The length of the Classification data section
zAZ	INT	4	(IBM name: SM120AZ) The number of Classification data sections
zBA	INT	4	(IBM name: SM120BA) The offset to the Security data section
zBB	INT	4	(IBM name: SM120BB) The length of the Security data section
zBC	INT	4	(IBM name: SM120BC) The number of Security data sections

SMF120#09_WebSphere_Request_Activity.Header_Self_defining_Section.Triplet.<fieldname>

zBD	INT	4	(IBM name: SM120BD) The offset to the CPU usage breakdown
zBE	INT	4	(IBM name: SM120BE) The length of the CPU usage breakdown section
zBF	INT	4	(IBM name: SM120BF) The number of CPU usage breakdown sections

SMF120#09_WebSphere_Request_Activity.Header_Self_defining_Section.<fieldname>

zFB	INT	4	(IBM name: SM120FB) The offset to the user data section
zFC	INT	4	(IBM name: SM120FC) The length of the user data section

zFD	INT	4	(IBM name: SM120FD) The number of user data sections
zGB	INT	4	(IBM name: SM120GB) The offset to the asynchronous data section
zGC	INT	4	(IBM name: SM120GC) The length of the asynchronous data section
zGD	INT	4	(IBM name: SM120GD) The number of asynchronous data sections

Secondary segment: **SMF120#09_PFM_Neut_Server**

Field Name	Type	Len	Description
<i>SMF120#09_PFM_Neut_Server.<fieldname></i>			
zBG	INT	4	(IBM name: SM120BG) The version of the Server information
zBH	CHAR	8	(IBM name: SM120BH) Cell short name
zBI	CHAR	8	(IBM name: SM120BI) Node short name
zBJ	CHAR	8	(IBM name: SM120BJ) Cluster short name
zBK	CHAR	8	(IBM name: SM120BK) Server short name
zBL	HEX	4	(IBM name: SM120BL) Server or controller PID
zBM	INT	1	(IBM name: SM120BM) Product version level (the w in the format w.x.y.z)
zBN	INT	1	(IBM name: SM120BN) Product release level (the x in the format w.x.y.z)
zBO	INT	1	(IBM name: SM120BO) Part of the product modification level (the y in the format w.x.y.z)
zBP	INT	1	(IBM name: SM120BP) Part of the product modification level (the z in the format w.x.y.z)

Secondary segment: **SMF120#09_zOS_Server**

Field Name	Type	Len	Description
<i>SMF120#09_zOS_Server.<fieldname></i>			
zBQ	INT	4	(IBM name: SM120BQ) The version of the server information
zBR	CHAR	8	(IBM name: SM120BR) The name of the system on which the product is running (CVTSNAME)
zBS	CHAR	8	(IBM name: SM120BS) The name of the sysplex on which the product is running
zBT	CHAR	8	(IBM name: SM120BT) The job name for the controller
zBU	CHAR	8	(IBM name: SM120BU) The job ID for the controller
zBV	INT	8	(IBM name: SM120BV) The STOKEN for the controller
zBW	INT	2	

			(IBM name: SM120BW) Controller ASID
SMF120#09_zOS_Server.zGE.<fieldname>			
zOvFlow	BIT	1	CPU Usage Overflow if turned on, the CPU usage section exceeded 30, which is the maximum number of sections that are allowed. Some of your data was lost
zCEEGMTO	BIT	1	CEEGMTO failed/unavailable if turned on, the GMT offsets failed to be retrieved from the CEEGMTO API or the CEEGMTO API was not available
SMF120#09_zOS_Server.<fieldname>			
zBX	HEX	20	(IBM name: SM120BX) The cluster UUID
zBY	HEX	20	(IBM name: SM120BY) The server UUID
zBZ	CHAR	8	(IBM name: SM120BZ) The daemon group name
zCA	INT	4	(IBM name: SM120CA) The hours portion of the LE GMT offset. The value is obtained from the CEEGMTO API if you are running in 31-bit mode. The field contains all zeros if the CEEGMTO API fails or is unavailable, or if you are running in 64-bit mode. The CEEGMTO API is not supported in 64-bit mode. In these situations, flag zFJ is turned on to indicate that the zeros in this field are not valid GMT offsets.
zCB	INT	4	(IBM name: SM120CB) The minutes portion of the LE GMT offset. The value is obtained from the CEEGMTO API if you are running in 31-bit mode. The field contains all zeros if the CEEGMTO API fails or is unavailable, or if you are running in 64-bit mode. The CEEGMTO API is not supported in 64-bit mode. In these situations, flag zFJ is turned on to indicate that the zeros in this field are not valid GMT offsets.
zCC	INT	8	(IBM name: SM120CC) The seconds portion of the LE GMT offset. The value is obtained from the CEEGMTO API if you are running in 31-bit mode. The field contains all zeros if the CEEGMTO API fails or is unavailable, or if you are running in 64-bit mode. The CEEGMTO API is not supported in 64-bit mode. In these situations, flag zFJ is turned on to indicate that the zeros in this field are not valid GMT offsets.
zCD	INT	8	(IBM name: SM120CD) The system GMT offset as obtained from the CVTLDTO API at startup. If the offset changes, such as for Daylight Saving Time, this value is incorrect until the server is restarted
zHV	CHAR	16	(IBM name: SM120HV) The service level (expanded)

Secondary segment: **SMF120#09_PFM_Neut_Req**

Field Name	Type	Len	Description
SMF120#09_PFM_Neut_Req.<fieldname>			
zCF	INT	4	(IBM name: SM120CF) The version of the request information
zCG	INT	4	(IBM name: SM120CG) The PID of the dispatch servant
zCH	INT	8	(IBM name: SM120CH) The ID of the dispatched task. This value is returned from pthread_self.
zCI	INT	8	(IBM name: SM120CI) The amount of CPU time, in microseconds, that is used by dispatch TCB. This field might contain a negative value if field zCJ contains a value other than 0.

zCJ	INT	4	(IBM name: SM120CJ) The completion minor code. A value of 0 indicates that the request successfully completed. If a value other than 0 is present, a problem occurred during processing of the request.
zCK	INT (ENUM)	4	(IBM name: SM120CK) The type of request that was processed:

Secondary segment: SMF120#09_zOS_Req

Field Name	Type	Len	Description
<i>SMF120#09_zOS_Req.<fieldname></i>			
zCL	INT	4	(IBM name: SM120CL) The version of the request information
zCM	TSTMP	8	(IBM name: SM120CM) The time that the request was received
zCN	TSTMP	8	(IBM name: SM120CN) The time that the request was added to the queue
zCO	TSTMP	8	(IBM name: SM120CO) The time that the request was dispatched
zCP	TSTMP	8	(IBM name: SM120CP) The time that the dispatch completed
zCQ	TSTMP	8	(IBM name: SM120CQ) The time that the controller finished processing the request response
zCR	CHAR	8	(IBM name: SM120CR) The job name for the dispatch servant
zCS	CHAR	8	(IBM name: SM120CS) The job ID for the dispatch servant
zCT	INT	8	(IBM name: SM120CT) The STOKEN for the dispatch servant
zCU	INT	2	(IBM name: SM120CU) The ASID for the dispatch servant
zCV	HEX	4	(IBM name: SM120CV) The address of the dispatch TCB
zCW	HEX	16	(IBM name: SM120CW) The TTOKEN for the dispatch TCB
zCX	INT	8	(IBM name: SM120CX) The amount of CPU time that was spent on non-standard CPs, such as the System z® Application Assist Processor (zAAP) and z® Integrated Information Processor (zIIP). This value is obtained from the TIMEUSED API. A value of -1 displays in this field if A value cannot be obtained from the TIMEUSED service. The level of z/OS on which you are running is not Version 1.9 with APAR OA20758 applied, or Version 1.10 or higher. This field might also contain a negative value if field zCJ contains a value other than 0.
zCY	INT	8	(IBM name: SM120CY) The enclave token
zDA	INT	8	(IBM name: SM120DA) The enclave CPU time at the end of the dispatch of this request, as reported by the CPUTIME parameter of the IWMEQTME API. The units are in TOD format.
zDB	INT	8	(IBM name: SM120DB) The enclave zAAP CPU time at the end of the dispatch of this request, as reported by the ZAAPTME parameter of the IWMEQTME API. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.

zDC	INT	8	(IBM name: SM120DC) The amount of CPU time at the end of the dispatch of this request that is spent on a regular CP that could have been run on a zAAP, but the zAAP was not available. This value is obtained from the ZAAPONCPTIME. field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zDD	INT	8	(IBM name: SM120DD) The zIIP enclave that is on the CPU at the end of the dispatch of this request. This value is obtained from the ZIIPONCPTIME. field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zDE	INT	8	(IBM name: SM120DE) The zIIP Quality Time enclave that was on the CPU at the end of the dispatch of this request. This value is obtained from the ZIIPQUALTIME field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zDF	INT	8	(IBM name: SM120DF) The eligible zIIP enclave that is on the CPU at the end of the dispatch of this request. This value is obtained from the ZIIPTIME field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zDG	INT	4	(IBM name: SM120DG) The zAAP normalization factor at the end of the dispatch of this request. This value is obtained from the ZAAPNFACTOR parameter of the IWMEQTME API. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zDH	INT	8	(IBM name: SM120DH) The amount of CPU time that was used by the enclave as reported by the CPUTIME parameter of the IWM4EDEL API
zDI	INT	8	(IBM name: SM120DI) The delete zAAP CPU enclave. A value of 0 indicates that the enclave was not deleted or not normalized. This value is obtained from the ZAAPTME field in the IWM4EDEL macro.
zDJ	INT	4	(IBM name: SM120DJ) The enclave delete zAAP normalization factor as reported by the ZAAPNFACTOR parameter of the IWM4EDEL API.
zDK	INT	8	(IBM name: SM120DK) The enclave delete zIIP time accumulated by the enclave as reported by the ZIIPTIME parameter of the IWM4EDEL API. A value of 0 indicates that the enclave was not deleted.
zDL	INT	8	(IBM name: SM120DL) The enclave delete zIIP Service accumulated by the enclave as reported by the ZIIPSERVICE parameter of the IWM4EDEL API. A value of 0 indicates that the enclave was not deleted or not normalized.
zDM	INT	8	(IBM name: SM120DM) The enclave delete zAAP Service accumulated by the enclave as reported by the ZAAPSERVICE parameter of the IWM4EDEL API. A value of 0 indicates that the enclave was not deleted.
zDN	INT	8	(IBM name: SM120DN) The enclave delete CPU service accumulated by the enclave as reported by the CPUSERVICE parameter of the IWM4EDEL API. A value of 0 indicates that the enclave was not deleted.
zDO	INT	4	(IBM name: SM120DO) The enclave delete Response Time ratio as reported by the RESPTIME_RATIO parameter of the IWM4EDEL API. A value of 0 indicates that the enclave was not deleted.
zDP	CHAR	12	(IBM name: SM120DP) Reserved for alignment
zDQ	HEX	73	(IBM name: SM120DQ) The global transaction ID (GTID) value
zDR	INT	4	(IBM name: SM120DR) The dispatch timeout value
zDS	CHAR	8	(IBM name: SM120DS) The transaction class, if one is being used

SMF120#09_zOS_Req.zDT.<fieldname>			
zDU	BIT	1	(bit 1) - if turned on, an enclave was created by this server for this request
zDV	BIT	1	(bit 2) - if turned on, the timeout value was given to the product by an external source instead of being taken from the configuration for the server
zDW	BIT	1	(bit 3) - if turned on, the transaction class value was given to the product by an external source instead of being taken from the configuration for the server
zDX	BIT	1	(bit 4) - if turned on, this is a one way IOP request, for which a response is not expected
zFJ	BIT	1	(bit 7) - CEEGMTO failed/unavailable ((Use of zGG is preferred because this section may not always be present.)
zFK	BIT	1	(bit 8) - if turned on, the classification_only_trace Reliability Availability and Serviceability (RAS) attribute indicated that classification level tracing is in effect for the application server. If you issued a modify TRACERECORD,OFF command, then the classification_only_trace is not in effect. The field is valid only if the zCL field is greater than or equal to 2.
zFM	BIT	1	(bit 9) - if turned on, the server wide environment variable or the SMF_request_activity_enabled RAS attribute indicated to collect an SMF 120 subtype 9 record. If you issued a modify command to stop the collection, the SMF 120 subtype 9 record was not collected. The field is valid only if the zCL field is greater than or equal to 2.
zFN	BIT	1	(bit 10) - if turned on, the server wide environment variable or the SMF_request_activity_timestamps RAS attribute indicated to include the time stamp section in the SMF 120 subtype 9 record. If you issued a modify command to turn off the timestamp section, the SMF record does not contain the timestamp section. The field is valid only if the zCL field is greater than or equal to 2.
zFO	BIT	1	(bit 11) - if turned on, the server wide environment variable or the SMF_request_activity_security RAS attribute indicated to include the security data section in the SMF 120 subtype 9 record. If you issued a modify command to turn off the security data section, the SMF record does not contain the security data section. The field is valid only if the zCL field is greater than or equal to 2.
zFP	BIT	1	(bit 12) - if turned on, the server wide environment variable or the SMF_request_activity_CPU_detail RAS attribute indicated to include the CPU usage breakdown section in the SMF 120 subtype 9 record. If you issued a modify command to turn off the CPU usage breakdown section, the SMF record does not contain the CPU usage breakdown section. The field is valid only if the zCL field is greater than or equal to 2.
zFQ	BIT	1	(bit 13) - if turned on, the propagate_transaction_name attribute indicated to use the Customer Information Control System (CICS®) transaction name as the workload management (WLM) transaction class for the optimized local adapter request. The field is valid only if the zCL field is greater than or equal to 2.

SMF120#09_zOS_Req.<fieldname>			
zFR	INT (ENUM)	4	(IBM name: SM120FR) The numerical value corresponds to the value of the stalled_thread_dump_action RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zFS	INT (ENUM)	4	(IBM name: SM120FS) The numerical value corresponds to the value of the cputimeused_dump_action RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zFT	INT (ENUM)	4	(IBM name: SM120FT) The numerical value corresponds to the value of the dpm_dump_action RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zFU	INT (ENUM)	4	(IBM name: SM120FU) The numerical value corresponds to the value of the timeout_recovery RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.

zFV	INT	4	(IBM name: SM120FV) The value of the dispatch_timeout classification RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zFW	INT	4	(IBM name: SM120FW) Queue timeout, which is calculated using the dispatch_timeout and queue_timeout_percent classification RAS attributes. The field is valid only if the zCL field is greater than or equal to 2.
zFX	INT	4	(IBM name: SM120FX) The value of the request_timeout classification RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zFY	INT	4	(IBM name: SM120FY) The value of the cputimeused_limit classification RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zFZ	INT	4	(IBM name: SM120FZ) The value of the dpm_interval classification RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zGA	CHAR	8	(IBM name: SM120GA) The value of the message_tag classification RAS attribute. The field is valid only if the zCL field is greater than or equal to 2.
zGI	CHARVARYING	130	(IBM name: SM120GI) Obtained affinity RNAME
zGK	CHARVARYING	130	(IBM name: SM120GK) Routing affinity RNAME

Secondary segment: SMF120#09_zOS_Timestamp

Field Name	Type	Len	Description
<i>SMF120#09_zOS_Timestamp.<fieldname></i>			
zEA	CHAR	26	(IBM name: SM120EA) The time that the request was received
zEB	CHAR	26	(IBM name: SM120EB) The time that the request was added to the WLM queue
zEC	CHAR	26	(IBM name: SM120EC) The time that the request was dispatched in the servant
zED	CHAR	26	(IBM name: SM120ED) The time that the dispatch completed in the servant
zEE	CHAR	26	(IBM name: SM120EE) The time that the controller finished processing the request

Secondary segment: SMF120#09_Network

Field Name	Type	Len	Description
<i>SMF120#09_Network.<fieldname></i>			
zEF	INT	4	(IBM name: SM120EF) The version of the network data
zEG	INT	8	(IBM name: SM120EG) The size of the request, in bytes, that was received from the client
zEH	INT	8	(IBM name: SM120EH) The size of the response, in bytes, that is sent back to the client
zEI	INT	4	(IBM name: SM120EI) The target port for the request. A value of -1 indicates that local communications was used.
zEK	CHARVARYING	130	

			(IBM name: SM120EK) The origin string. Following is an example of an origin string: ip addr=9.57.7.193 port=1344.The bytes that follow the string contain blank spaces.
--	--	--	--

Secondary segment: **SMF120#09_Classification**

Field Name	Type	Len	Description
<i>SMF120#09_Classification.<fieldname></i>			
zEL	INT	4	(IBM name: SM120EL) The version of the classification data
zEM	INT (ENUM)	4	(IBM name: SM120EM) The data type. Not all of these data types apply to all requests. For example, only data types 6, 7, or 8 appear in this field for an HTTP request.
zEO	CHARVARYING	130	(IBM name: SM120EO) The data string

Secondary segment: **SMF120#09_Security**

Field Name	Type	Len	Description
<i>SMF120#09_Security.<fieldname></i>			
zEP	INT	4	(IBM name: SM120EP) The version of the security data
zEQ	INT (ENUM)	4	(IBM name: SM120EQ) The data type.
zES	CHARVARYING	66	(IBM name: SM120ES) The identity string

Secondary segment: **SMF120#09_CPU_Usage**

Field Name	Type	Len	Description
<i>SMF120#09_CPU_Usage.<fieldname></i>			
zET	INT	4	(IBM name: SM120ET) The version of the CPU usage data
zEU	INT (ENUM)	4	(IBM name: SM120EU) The data type.
zEV	INT	8	(IBM name: SM120EV) The amount of CPU time, in microseconds, that the item, such as an EJB or a servlet, spent in dispatch
zFI	INT	8	(IBM name: SM120FI) The elapsed time, in milliseconds, that is spent processing the item, such as an EJB or servlet
zEW	INT	4	(IBM name: SM120EW) How many times the item, such as an EJB or a servlet, was executed during the dispatch of this request
zEY	CHARVARYING	258	(IBM name: SM120EY) String 1. String 1 has one of the following values: AMC, which indicates that an EJB was processed Web App, which indicates that a Servlet was processed

zFA	CHARVARYING	258	(IBM name: SM120FA) String 2 has one of the following values: The method name or signature, if an EJB is accessing the data The name of the servlet if a servlet is accessing the data
-----	-------------	-----	---

Secondary segment: **SMF120#09_User**

Field Name	Type	Len	Description
<i>SMF120#09_User.<fieldname></i>			
zFE	INT	4	(IBM name: SM120FE) The version of the User data section
zFF	INT	4	(IBM name: SM120FF) The user data type. Types 65535 and lower are reserved for IBM@use.
zFH	CHARVARYING	2050	(IBM name: SM120FH) The data that the application added

Secondary segment: **SMF120#09_ASync**

Field Name	Type	Len	Description
<i>SMF120#09_ASync.<fieldname></i>			
zGM	INT	4	(IBM name: SM120GM) The version of the asynchronous data section.
zGL	TSTMP	8	(IBM name: SM120GL) The time that the execution context was created.
zGN	TSTMP	8	(IBM name: SM120GN) The time that the execution started.
zGO	TSTMP	8	(IBM name: SM120GO) The time that the execution completed.
zGP	INT	4	(IBM name: SM120GP) The servant process ID.
zGQ	CHAR	8	(IBM name: SM120GQ) The servant job name.
zGR	CHAR	8	(IBM name: SM120GR) The servant job ID.
zGS	INT	8	(IBM name: SM120GS) The servant token.
zGT	INT	2	(IBM name: SM120GT) The servant ASID.
zGU	INT	8	(IBM name: SM120GU) The execution context task ID.
zGV	INT	4	(IBM name: SM120GV) The execution context TCB address.
zGW	INT	8	(IBM name: SM120GW) The execution context TCB TToken.
zGX	INT	8	(IBM name: SM120GX) The dispatch task ID.
zGY	INT	4	(IBM name: SM120GY) The dispatch TCB address.
zGZ	INT	8	(IBM name: SM120GZ) The dispatch TCB TToken.

zHA	INT	8	(IBM name: SM120HA) The execution context enclave token.
zHB	INT	8	(IBM name: SM120HB) The dispatch enclave token.
zHC	CHAR	8	(IBM name: SM120HC) The transaction class used to create the enclave.

SMF120#09_ASync.zHD.<fieldname>

zHE	BIT	1	A value of 0 indicates that the enclave was joined. A value of 1 indicates that the enclave was created.
zHF	BIT	1	A value of 1 indicates that the enclave was scheduled with the daemon.

SMF120#09_ASync.<fieldname>

zHG	INT	8	(IBM name: SM120HG) The enclave CPU time at the end of the dispatch of this request, as reported by the CPUTIME parameter of the IWMEQTME API. The units are in TOD format.
zHH	INT	8	(IBM name: SM120HH) The enclave zAAP CPU time at the end of the dispatch of this request, as reported by the ZAAPTIME parameter of the IWMEQTME API. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zHI	INT	8	(IBM name: SM120HI) The amount of CPU time at the end of the dispatch of this request that is spent on a regular CP that could have been run on a zAAP, but the zAAP was not available. This value is obtained from the ZAAPONCPTIME. field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zHJ	INT	8	(IBM name: SM120HJ) The eligible zIIP enclave that is on the CPU at the end of the dispatch of this request. This value is obtained from the ZIIPTIME field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zHK	INT	8	(IBM name: SM120HK) The zIIP Quality Time enclave that was on the CPU at the end of the dispatch of this request. This value is obtained from the ZIIPQUALTIME field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zHL	INT	8	(IBM name: SM120HL) The zIIP enclave that is on the CPU at the end of the dispatch of this request. This value is obtained from the ZIIPONCPTIME. field in the IWMEQTME macro. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zHM	INT	4	(IBM name: SM120HM) The zAAP normalization factor at the end of the dispatch of this request. This value is obtained from the ZAAPNFACTOR parameter of the IWMEQTME API. The value is zero if the PTF for z/OS APAR OA22160 is not installed on your system.
zHN	TSTMP	8	(IBM name: SM120HN) The dispatch CPU. Note This value is in time-of-day (TOD) format.
zHO	TSTMP	8	(IBM name: SM120HO) The amount of CPU time that was spent on non-standard CPs, such as the System z Application Assist Processor (zAAP) and z9 Integrated Information Processor (zIIP). This value is obtained from the TIMEUSED API. A value of -1 displays in this field if A value cannot be obtained from the TIMEUSED service. The level of z/OS on which you are running is not Version 1.9 with APAR OA20758 applied, or Version 1.10 or higher. This field might also contain a negative value if field zCJ contains a value other than 0. Note This value is in time-of-day (TOD) format.
zHQ	CHARVARYING	130	(IBM name: SM120HQ) The work package or class name.

zHS	CHARVARYING	130	(IBM name: SM120HS) The work manager name.
zHU	CHARVARYING	66	(IBM name: SM120HU) The identity.

Record Type 120 Subtype 10 - Outbound Request

Primary Segment:

- [SMF120#10_WebSphere_Outbound_Request](#)

Secondary Segment(s): 8 (in alphabetical order)

- [SMF120#10_zOS_Server](#)
- [SMF120#10_Comm_OutReq](#)
- [SMF120#10_OutReq_CICS](#)
- [SMF120#10_OutReq_Sec](#)
- [SMF120#10_OutReq_Trans](#)
- [SMF120#10_OTMA_OutReq](#)
- [SMF120#10_PFM_Neut_Server](#)
- [SMF120#10_WOLA_OutReq](#)

Primary segment: [SMF120#10_WebSphere_Outbound_Request](#)

Field Name	Type	Len	Description
<i>SMF120#10_WebSphere_Outbound_Request.<fieldname></i>			
<i>SMF120#10_WebSphere_Outbound_Request.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM120FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM120RTY) Record type 79 (X'4F').
zTME	TSTMP	8	(IBM name: SM120TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM120SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM120SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM120STY) Record subtype.
zSTYe	INT (ENUM)	2	(IBM name: SM120STYe) Record subtype - short expansion
zAA	INT	4	(IBM name: SM120AA) Subtype version number
zAB	INT	4	(IBM name: SM120AB) Number of triplets
zAC	INT	4	(IBM name: SM120AC) Index of this record
zAD	INT	4	(IBM name: SM120AD) Total number of records
zAE	HEX	8	(IBM name: SM120AE) Record continuation token
zAF	INT	4	(IBM name: SM120AF) The offset to the Platform neutral server information section
zAG	INT	4	(IBM name: SM120AG) The length of the Platform neutral server information section
zAH	INT	4	(IBM name: SM120AH) The number of Platform neutral server information sections
zAI	INT	4	(IBM name: SM120AI) The offset to the z/OSserver information section

zAJ	INT	4	(IBM name: SM120AJ) The length of the z/OSserver information section
zAK	INT	4	(IBM name: SM120AK) The number of z/OSserver information sections
zAL	INT	4	(IBM name: SM120AL) The offset to the Outbound request information section
zAM	INT	4	(IBM name: SM120AM) The length of the Outbound request information section
zAN	INT	4	(IBM name: SM120AN) The number of Outbound request information sections
zAR	INT	4	(IBM name: SM120AR) The offset to the WOLA outbound request type specific information section
zAS	INT	4	(IBM name: SM120AS) The length of the WOLA outbound request type specific information section
zAT	INT	4	(IBM name: SM120AT) The number of WOLA outbound request type specific information sections
zAU	INT	4	(IBM name: SM120AU) The offset to the outbound request transaction context section
zAV	INT	4	(IBM name: SM120AV) The length of the outbound request transaction context section
zAW	INT	4	(IBM name: SM120AW) The number of outbound request transaction context sections
zAX	INT	4	(IBM name: SM120AX) The offset to the outbound request security context section.
zAY	INT	4	(IBM name: SM120AY) The length of the outbound request security context section.
zAZ	INT	4	(IBM name: SM120AZ) The number of outbound request security context sections
zA1	INT	4	(IBM name: SM120A1) The offset to the outbound request CICS context section
zA2	INT	4	(IBM name: SM120A2) The length of the outbound request CICS context section
zA3	INT	4	(IBM name: SM120A3) The number of outbound request CICS context sections
zA4	INT	4	(IBM name: SM120A4) The offset to the OTMA outbound request type specific section
zA5	INT	4	(IBM name: SM120A5) The length of the OTMA outbound request type specific section
zA6	INT	4	(IBM name: SM120A6) The number of OTMA outbound request type specific sections

Secondary segment: SMF120#10_PFM_Neut_Server

Field Name	Type	Len	Description
<i>SMF120#10_PFM_Neut_Server.<fieldname></i>			
zBG	INT	4	(IBM name: SM120BG) The version of the server information
zBH	CHAR	8	(IBM name: SM120BH) Cell short name
zBI	CHAR	8	(IBM name: SM120BI) Node short name
zBJ	CHAR	8	(IBM name: SM120BJ) Cluster short name

zAK	CHAR	8	(IBM name: SM120AK) Server short name
zBL	HEX	4	(IBM name: SM120BL) Server or controller PID
zBM	INT	1	(IBM name: SM120BM) Product version level (the w in the format w.x.y.z)
zBN	INT	1	(IBM name: SM120BN) Product release level (the x in the format w.x.y.z)
zBO	INT	1	(IBM name: SM120BO) Part of the product modification level (the y in the format w.x.y.z)
zBP	INT	1	(IBM name: SM120BP) Part of the product modification level (the z in the format w.x.y.z)

Secondary segment: **SMF120#10_zOS_Server**

Field Name	Type	Len	Description
<i>SMF120#10_zOS_Server.<fieldname></i>			
zBQ	INT	4	(IBM name: SM120BQ) The version of the server information
zBR	CHAR	8	(IBM name: SM120BR) The name of the system on which the product is running (CVTSNAME)
zBS	CHAR	8	(IBM name: SM120BS) The name of the sysplex on which the product is running
zBT	CHAR	8	(IBM name: SM120BT) The job name for the controller
zBU	CHAR	8	(IBM name: SM120BU) The job ID for the controller
zBV	INT	8	(IBM name: SM120BV) The STOKEN for the controller
zBW	INT	2	(IBM name: SM120BW) Controller ASID

<i>SMF120#10_zOS_Server.zGE.<fieldname></i>			
zOvFlow	BIT	1	CPU Usage Overflow if turned on, the CPU usage section exceeded 30, which is the maximum number of sections that are allowed. Some of your data was lost
zCEEGMTO	BIT	1	CEEGMTO failed/unavailable if turned on, the GMT offsets failed to be retrieved from the CEEGMTO API or the CEEGMTO API was not available

<i>SMF120#10_zOS_Server.<fieldname></i>			
zBX	CHAR	20	(IBM name: SM120BX) The cluster UUID
zBY	CHAR	20	(IBM name: SM120BY) The server UUID
zBZ	CHAR	8	(IBM name: SM120BZ) The daemon group name
zCA	INT	4	(IBM name: SM120CA) The hours portion of the LE GMT offset. The value is obtained from the CEEGMTO API if you are running in 31-bit mode. The field contains all zeros if the CEEGMTO API fails or is unavailable, or if you are running in 64-bit mode. The CEEGMTO API is not supported in 64-bit mode. In these situations, flag zGG is turned on to indicate that the zeros in this field are not valid GMT offsets.
zCB	INT	4	(IBM name: SM120CB) The minutes portion of the LE GMT offset. The value is obtained from the CEEGMTO API if you are running in 31-bit mode. The field contains all

			zeros if the CEEGMTO API fails or is unavailable, or if you are running in 64-bit mode. The CEEGMTO API is not supported in 64-bit mode. In these situations, flag zGG is turned on to indicate that the zeros in this field are not valid GMT offsets.
zCC	INT	8	(IBM name: SM120CC) The seconds portion of the LE GMT offset. The value is obtained from the CEEGMTO API if you are running in 31-bit mode. The field contains all zeros if the CEEGMTO API fails or is unavailable, or if you are running in 64-bit mode. The CEEGMTO API is not supported in 64-bit mode. In these situations, flag zGG is turned on to indicate that the zeros in this field are not valid GMT offsets.
zCD	INT	8	(IBM name: SM120CD) The system GMT offset. The value is obtained from the CVTLDTO API.
zHV	CHAR	16	(IBM name: SM120HV) The service level (expanded)

Secondary segment: **SMF120#10_Comm_OutReq**

Field Name	Type	Len	Description
<i>SMF120#10_Comm_OutReq.<fieldname></i>			
zCF	INT	4	(IBM name: SM120CF) The version of the outbound request information
zCG	INT	4	(IBM name: SM120CG) The PID of the dispatch servant
zCH	INT	8	(IBM name: SM120CH) The ID of the dispatched task. This value is returned from pthread_self.
zCK	INT (ENUM)	4	(IBM name: SM120CK) Outbound request type
zCR	CHAR	8	(IBM name: SM120CR) The job name for the dispatch servant
zCS	CHAR	8	(IBM name: SM120CS) The job ID for the dispatch servant
zCT	INT	8	(IBM name: SM120CT) The STOKEN for the dispatch servant
zCU	INT	2	(IBM name: SM120CU) The ASID for the dispatch servant
zCV	INT	4	(IBM name: SM120CV) The address of the dispatch TCB
zCW	INT	8	(IBM name: SM120CW) The TTOKEN for the dispatch TCB
zCY	INT	8	(IBM name: SM120CY) The enclave token
zD1	INT	8	(IBM name: SM120D1) The number of bytes sent
zD2	INT	8	(IBM name: SM120D2) The number of response bytes
zD3	TSTMP	8	(IBM name: SM120D3) The time the request went outbound
zD4	TSTMP	8	(IBM name: SM120D4) The time the outbound request returned

Secondary segment: SMF120#10_WOLA_OutReq

Field Name	Type	Len	Description
<i>SMF120#10_WOLA_OutReq.<fieldname></i>			
zD5	INT	4	(IBM name: SM120D5) The version of the WOLA outbound request type specific section
zD6	CHAR	12	(IBM name: SM120D6) The register name the outbound request is going to
zD7	CHAR	256	(IBM name: SM120D7) The service name the outbound request is going to
zD8	CHAR	256	(IBM name: SM120D8) The outbound request correlator context. This correlator context also ends up in the CICS SMF 110 records.
zD9	CHAR	24	(IBM name: SM120D9) Reserved

Secondary segment: SMF120#10_OutReq_Trans

Field Name	Type	Len	Description
<i>SMF120#10_OutReq_Trans.<fieldname></i>			
zDA	INT	4	(IBM name: SM120DA) The version of the outbound request transaction context section
zDB	INT	8	(IBM name: SM120DB) The transactional XID
zDC	CHAR	24	(IBM name: SM120DC) Reserved

Secondary segment: SMF120#10_OutReq_Sec

Field Name	Type	Len	Description
<i>SMF120#10_OutReq_Sec.<fieldname></i>			
zDD	INT	4	(IBM name: SM120DD) The version of the outbound request security context section
zDE	CHAR	8	(IBM name: SM120DE) The security context
zDF	CHAR	28	(IBM name: SM120DF) Reserved

Secondary segment: SMF120#10_OutReq_CICS

Field Name	Type	Len	Description
<i>SMF120#10_OutReq_CICS.<fieldname></i>			
zDG	INT	4	(IBM name: SM120DG) The version of the outbound request CICScontext section
zDH	INT	8	(IBM name: SM120DH) The CICScontext
zDI	CHAR	28	(IBM name: SM120DI) Reserved

Secondary segment: **SMF120#10_OTMA_OutReq**

Field Name	Type	Len	Description
<i>SMF120#10_OTMA_OutReq.<fieldname></i>			
zDJ	INT	4	(IBM name: SM120DJ) The version of the OTMA outbound request type specific section
zDK	CHAR	12	(IBM name: SM120DK) The OTMA register name of the outbound request
zDL	CHAR	256	(IBM name: SM120DL) The OTMA service name of the outbound request
zDM	CHAR	8	(IBM name: SM120DM) The OTMA IMS transaction name of the outbound request
zDN	CHAR	8	(IBM name: SM120DN) The OTMA IMSgroup id of the outbound request
zDO	CHAR	16	(IBM name: SM120DO) The OTMA IMSserver name of the outbound request
zDP	CHAR	24	(IBM name: SM120DP) Reserved

Record Type 121 - Java Runtime Performance

SMF Record 121 (Java Runtime Performance) is mapped by structure member "T121ST01".

Primary Segment:

- [SMF121#01_Java_Runtime_Performance](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF121#01_Garbage_Collector](#)
- [SMF121#01_Runtime](#)
- [SMF121#01_Thread](#)

Primary segment: [SMF121#01_Java_Runtime_Performance](#)

Field Name	Type	Len	Description
<i>SMF121#01_Java_Runtime_Performance.<fieldname></i>			
SMF121#01_Java_Runtime_Performance.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SMF121FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SMF121RTY) Record type 124 (X'7C').
zTME	TSTMP	8	(IBM name: SMF121TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF121SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SMF121SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SMF121STY) Record subtype.
zNT	INT	2	(IBM name: SMF121SDS_TRIPLETS) Number of triplets in record. A triplet is a set of offset/length/number values that defines a section of the record. (Optional.)
zOFFJRS	INT	4	(IBM name: SMF121SDS_OFFJRS) Offset to Java runtime section.
zLENJRS	INT	2	(IBM name: SMF121SDS_LENJRS) Length of each Java runtime section.
zNUMJRS	INT	2	(IBM name: SMF121SDS_NUMJRS) Number of Java runtime sections. (There is only one Java runtime section.)
zOFFGCS	INT	4	(IBM name: SMF121SDS_OFFGCS) Offset to garbage collector section.
zLENGCS	INT	2	(IBM name: SMF121SDS_LENGCS) Length of each garbage collector section.
zNUMGCS	INT	2	(IBM name: SMF121SDS_NUMGCS) Number of garbage collector sections. This depends on how many garbage collectors are active in the JVM.
zOFFTS	INT	4	(IBM name: SMF121SDS_OFFTS) Offset to thread section.
zLENTS	INT	2	(IBM name: SMF121SDS_LENTS) Length of each thread section.
zNUMTS	INT	2	(IBM name: SMF121SDS_NUMTS) Number of thread sections. This depends on the number of active Java threads.

Secondary segment: **SMF121#01_Runtime**

Field Name	Type	Len	Description
<i>SMF121#01_Runtime.<fieldname></i>			
SMF121#01_Runtime.zFD_FLAGS.<fieldname>			
zCPUSumm	BIT	1	Contains CPU usage summary fields, including: SMF121JRS_APPCPU SMF121JRS_SYSCPU SMF121JRS_GCCPU SMF121JRS_JITCPU
SMF121#01_Runtime.<fieldname>			
zNAME	CHAR	80	(IBM name: SMF121JRS_NAME) Formatted JVM name. If longer than 80 characters, string will be truncated.
zSTRTTME	INT	8	(IBM name: SMF121JRS_STRTTME) Start time, in milliseconds.
zUPTIME	INT	8	(IBM name: SMF121JRS_UPTIME) Up time, in milliseconds.
zGCMODE	CHAR	40	(IBM name: SMF121JRS_GCMODE) Garbage collection mode. If longer than 40 characters, string will be truncated.
zPEAKTHRD	INT	4	(IBM name: SMF121JRS_PEAKTHRD) Peak live thread count.
zCURRTHRD	INT	4	(IBM name: SMF121JRS_CURRTHRD) Current number of live threads.
zAPPCPU	INT	8	(IBM name: SMF121JRS_APPCPU) Total CPU usage of all application threads, in microseconds. If not available, value is -1.
zSYSCPU	INT	8	(IBM name: SMF121JRS_SYSCPU) Total CPU usage of all system threads, in microseconds. If not available, value is -1.
zGCCPU	INT	8	(IBM name: SMF121JRS_GCCPU) Total CPU usage of all GC threads, in microseconds. If not available, value is -1.
zJITCPU	INT	8	(IBM name: SMF121JRS_JITCPU) Total CPU usage of all JIT threads, in microseconds. If not available, value is -1.

Secondary segment: **SMF121#01_Garbage_Collector**

Field Name	Type	Len	Description
<i>SMF121#01_Garbage_Collector.<fieldname></i>			
SMF121#01_Garbage_Collector.zFD_FLAGS.<fieldname>			
SMF121#01_Garbage_Collector.<fieldname>			
zNAME	CHAR	40	(IBM name: SMF121GCS_NAME) Garbage collector name. If longer than 40 characters, string will be truncated.
zCOLLCNT	INT	8	(IBM name: SMF121GCS_COLLCNT) Total number of collections.
zCOLLTME	INT	8	(IBM name: SMF121GCS_COLLTME) Approximate accumulated collection elapsed time, in milliseconds.
zTMEMFREED	INT	8	(IBM name: SMF121GCS_TMEMFREED) Cumulative total amount of memory freed, in bytes.

zTCOMPACTS	INT	8	(IBM name: SMF121GCS_TCOMPACTS) Cumulative total number of compacts performed.
zMEMUSED	INT	8	(IBM name: SMF121GCS_MEMUSED) Snapshot of the amount of heap memory used, in bytes.

Secondary segment: SMF121#01_Thread

Field Name	Type	Len	Description
<i>SMF121#01_Thread.<fieldname></i>			
<i>SMF121#01_Thread.zDFDLFLAGS.<fieldname></i>			
<i>SMF121#01_Thread.<fieldname></i>			
zID	INT	8	(IBM name: SMF121TS_ID) Thread ID.
zNAME	CHAR	24	(IBM name: SMF121TS_NAME) Thread name.
zCAT	INT	8	(IBM name: SMF121TS_CAT) Thread category. Possible values are: APP, APP-U1, APP-U2, APP-U3, APP-U4, APP-U5, SYS, GC, JIT, OTHER, RM. Empty string (""), if not available.
zCPU	INT	8	(IBM name: SMF121TS_CPU) Total CPU time, in nanoseconds. If not available, value is -1.
zNATIVEID	INT	8	(IBM name: SMF121TS_NATIVEID) Native OS thread ID. If not available, value is -1.

Record Type 122 - IBM Explorer Developer for z/OS

SMF Record 122 (IBM Explorer Developer for z/OS) is mapped by structure member "T122ST01".

Primary Segment:

- SMF122#01_IBM_Explorer_Developer_for_zOS

Secondary Segment(s): 6 (in alphabetical order)

- SMF122#01_Client_Data
- SMF122#01_Client_Labels
- SMF122#01_Client_UUID
- SMF122#01_Creator_ID
- SMF122#01_Server_Initialization
- SMF122#01_VU_license_Handler_Status

Primary segment: SMF122#01_IBM_Explorer_Developer_for_zOS

Field Name	Type	Len	Description
SMF122#01_IBM_Explorer_Developer_for_zOS.<fieldname>			
SMF122#01_IBM_Explorer_Developer_for_zOS.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF122FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF122RTY) Record type 118
zTME	TSTMP	8	(IBM name: SMF122TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF122SID) System ID.
zSSID	CHAR	4	Record subtype - number and short expansion.
zSTY	INT	2	(IBM name: SMF122STY) Record subtype.

SMF122#01_IBM_Explorer_Developer_for_zOS.Self_defining_Section.<fieldname>			
zt1h_Len	INT	2	(IBM name: SMF122t1h_Len) Length of header.
zt1h_Cnt	INT	2	(IBM name: SMF122t1h_Cnt) Number of triplets in header.
zS1Len	INT	4	(IBM name: SMF122t1h_S1Len) Section length. It is set to the size of SMF122t1s1_Section.
zS1Cnt	INT	2	(IBM name: SMF122t1h_S1Cnt) Number of sections. This field documents how many times this section is present in the record (can be 0). If the number is greater than 1, then all sections are consecutive.
zS1Offset	INT	2	(IBM name: SMF122t1h_S1Offset) Section offset. The offset, from the start of the record, of this section block.
zS2Len	INT	4	(IBM name: SMF122t1h_S2Len) Section length. It is set to the size of SMF122t1s2_Section.
zS2Cnt	INT	2	(IBM name: SMF122t1h_S2Cnt) Number of sections. This field documents how many times this section is present in the record (can be 0). If the number is greater than 1, then all sections are consecutive.
zS2Offset	INT	2	(IBM name: SMF122t1h_S2Offset) Section offset. The offset, from the start of the record, of this section block.
zS3Len	INT	4	(IBM name: SMF122t1h_S3Len) Section length. It is set to the size of SMF122t1s3_Section.

zS3Cnt	INT	2	(IBM name: SMF122t1h_S3Cnt) Number of sections. This field documents how many times this section is present in the record (can be 0). If the number is greater than 1, then all sections are consecutive.
zS3Offset	INT	2	(IBM name: SMF122t1h_S3Offset) Section offset. The offset, from the start of the record, of this section block.
zS4Len	INT	4	(IBM name: SMF122t1h_S4Len) Section length. It is set to the size of SMF122t1s4_Section.
zS4Cnt	INT	2	(IBM name: SMF122t1h_S4Cnt) Number of sections. This field documents how many times this section is present in the record (can be 0). If the number is greater than 1, then all sections are consecutive.
zS4Offset	INT	2	(IBM name: SMF122t1h_S4Offset) Section offset. The offset, from the start of the record, of this section block.
zS5Len	INT	4	(IBM name: SMF122t1h_S5Len) Section length. It is set to the size of SMF122t1s5_Section.
zS5Cnt	INT	2	(IBM name: SMF122t1h_S5Cnt) Number of sections. This field documents how many times this section is present in the record (can be 0). If the number is greater than 1, then all sections are consecutive.
zS5Offset	INT	2	(IBM name: SMF122t1h_S5Offset) Section offset. The offset, from the start of the record, of this section block.
zS6Len	INT	4	(IBM name: SMF122t1h_S6Len) Section length. It is set to the size of SMF122t1s6_Section.
zS6Cnt	INT	2	(IBM name: SMF122t1h_S6Cnt) Number of sections. This field documents how many times this section is present in the record (can be 0). If the number is greater than 1, then all sections are consecutive.
zS6Offset	INT	2	(IBM name: SMF122t1h_S6Offset) Section offset. The offset, from the start of the record, of this section block.

Secondary segment: SMF122#01_Creator_ID

Field Name	Type	Len	Description
<i>SMF122#01_Creator_ID.<fieldname></i>			
zPlex	CHAR	8	(IBM name: SMF122t1s1_Plex) Sysplex name
zSystem	CHAR	8	(IBM name: SMF122t1s1_Sys) System name
zServer	INT	2	(IBM name: SMF122t1s1_Server) Server ID. This is set to the RSED port number.
<i>SMF122#01_Creator_ID.zFlags.<fieldname></i>			
zLic	BIT	1	(IBM name: SMF122t1s1F_Lic) VU license handler created this record.

Secondary segment: SMF122#01_Server_Initialization

Field Name	Type	Len	Description
<i>SMF122#01_Server_Initialization.<fieldname></i>			
ziTime	TSTMP	8	(IBM name: SMF122t1s2_iTime) IPL timestamp.
zProdID	CHAR	8	

			(IBM name: SMF122t1s2_ProdID) Registered Product ID (PID). This is set to the PID used by the server to (re-)register itself, following the rules defined in SYS1.PARMLIB(IFAPRDxx).
zVer	INT	1	(IBM name: SMF122t1s2_Ver) Server version. This is set to the first nibble of environment variable \$IDZ_VERSION.
zRel	INT	1	(IBM name: SMF122t1s2_Rel) Server release. This is set to the second nibble of environment variable \$IDZ_VERSION.
zMod	INT	1	(IBM name: SMF122t1s2_Mod) Server modification. This is set to the third nibble of environment variable \$IDZ_VERSION.
zLvl	INT	1	(IBM name: SMF122t1s2_Lvl) Server level. This is set to the fourth nibble of environment variable \$IDZ_VERSION.

SMF122#01_Server_Initialization.zFlags.<fieldname>

Secondary segment: SMF122#01_VU_license_Handler_Status

Field Name	Type	Len	Description
<i>SMF122#01_VU_license_Handler_Status.<fieldname></i>			
SMF122#01_VU_license_Handler_Status.zFlags.<fieldname>			
VUon	BIT	1	(IBM name: SMF122t1s3_FVUon) Client activation code provided.
SMF122#01_VU_license_Handler_Status.<fieldname>			
zTrack	INT	2	(IBM name: SMF122t1s3_Track) Request tracker. This field increments by one each time a request for an activation code is processed. The counter wraps back to 0 when the maximum value is reached.

Secondary segment: SMF122#01_Client_UUID

Field Name	Type	Len	Description
<i>SMF122#01_Client_UUID.<fieldname></i>			
zUUID	XVCHAR	0 512	(IBM name: SMF122t1s4_UUID) Unique client ID.

Secondary segment: SMF122#01_Client_Labels

Field Name	Type	Len	Description
<i>SMF122#01_Client_Labels.<fieldname></i>			
zLabels	XVCHAR	0 1024	(IBM name: SMF122t1s5_Labels) Client data labels in comma separated list. 'productName' => Name of the Developer for z/OS client. 'productVersion' => Version of the Developer for z/OS client. 'productRelease' => Release of the Developer for z/OS client. 'productModification' => Modification of the Developer for z/OS client. 'zexplIPaddress' => IP address of the Developer for z/OS client. 'zexplHostName' => DNS name of the Developer for z/OS client.

			'zexplUserId' => User ID of the person that is using the Developer for z/OS client. 'productAPIVersionClient' => Version of the activation code API used by the Developer for z/OS client. 'zexplAPIVersionClient' => Version of the activation code API used by the z/OS Explorer client. 'zexplAPIVersionHost' => Version of the activation code API used by the z/OS Explorer server. 'productAPIVersionHost' => Version of the activation code API used by the Developer for z/OS server. 'returnCode' => Result of z/OS Explorer validating correctness of the data it transferred on behalf of Developer for z/OS.
--	--	--	---

Secondary segment: SMF122#01_Client_Data

Field Name	Type	Len	Description
<i>SMF122#01_Client_Data.<fieldname></i>			
zClient	XVCHAR	0 1024	(IBM name: SMF122t1s5_Labels) Client data in comma separated list.

Record Type 123 - z/OS Connect Enterprise Edition

SMF Record 123 (z/OS Connect EE) is mapped by structure member "T123ST01".

Primary Segment:

- SMF123#01_zOS_Connect

Secondary Segment(s): 8 (in alphabetical order)

- SMF123#01_Server
- SMF123#01_User_Data
- SMF123#01_V1_Header_Ext
- SMF123#01_V1_Triplets
- SMF123#01_V2_Header_Ext
- SMF123#01_V2_Request_Data
- SMF123#01_V2_Server
- SMF123#01_V2_Triplets

Primary segment: SMF123#01_zOS_Connect

Field Name	Type	Len	Description
SMF123#01_zOS_Connect.<fieldname>			
SMF123#01_zOS_Connect.Header.<fieldname>			
zFLG	HEX	1	(IBM name: SMF123FLG) System indicator: Bit Meaning when set 0-2 Reserved. 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF123RTY) Record type 118
zTME	TSTMP	8	(IBM name: SMF123TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF123SID) System ID.
zSSID	CHAR	4	(IBM name: SMF123SSI) Subsystem ID.
zSTY	INT	2	(IBM name: SMF123STY) Record subtype.
SUBTYPE_VERSION	INT	4	(IBM name: SUBTYPE_VERSION) Record subtype version.

Secondary segment: SMF123#01_V1_Header_Ext

Field Name	Type	Len	Description
SMF123#01_V1_Header_Ext.<fieldname>			
SUBTYPE_VERSION	INT	4	(IBM name: SUBTYPE_VERSION) Record subtype version.
TRIPLET_COUNT	INT	4	(IBM name: TRIPLET_COUNT) Number of triplets. Defaults to x0002
RECORD_INDEX	INT	4	(IBM name: RECORD_INDEX) Index of this record.
RECORD_COUNT	INT	4	(IBM name: RECORD_COUNT) Total number of records.
RECORD_CONT	HEX	8	(IBM name: RECORD_CONT) Record continuation token.

Secondary segment: SMF123#01_V2_Header_Ext

Field Name	Type	Len	Description
<i>SMF123#01_V2_Header_Ext.<fieldname></i>			
SUBTYPE_VERSION	INT	4	(IBM name: SUBTYPE_VERSION) Record subtype version.
TRIPLET_COUNT	INT	1	(IBM name: TRIPLET_COUNT) Number of triplets. Defaults to x0002
TRIPLET_OFFSET	INT	1	(IBM name: TRIPLET_OFFSET) Triplet section offset
LOC_DATETIME_OFF	INT	8	Locate date/time offset (CVTLDTO)

Secondary segment: SMF123#01_V1_Triplets

Field Name	Type	Len	Description
<i>SMF123#01_V1_Triplets.<fieldname></i>			
SERVER_OFFSET	INT	4	(IBM name: SERVER_OFFSET) Server ID section offset
SERVER_LEN	INT	4	(IBM name: SERVER_LEN) Server ID section length
SERVER_COUNT	INT	4	(IBM name: SERVER_COUNT) Server ID section count
USERDATA_OFFSET	INT	4	(IBM name: USERDATA_OFFSET) User Data section offset
USERDATA_LEN	INT	4	(IBM name: USERDATA_LEN) User Data section length
USERDATA_COUNT	INT	4	(IBM name: USERDATA_COUNT) User Data section count

Secondary segment: SMF123#01_V2_Triplets

Field Name	Type	Len	Description
<i>SMF123#01_V2_Triplets.<fieldname></i>			
SERVER_OFFSET	INT	4	(IBM name: SERVER_OFFSET) Server ID section offset
SERVER_LEN	INT	2	(IBM name: SERVER_LEN) Server ID section length
SERVER_COUNT	INT	2	(IBM name: SERVER_COUNT) Server ID section count
REQUESTDATA_OFFSET	INT	4	(IBM name: REQUESTDATA_OFFSET) Request Data section offset
REQUESTDATA_LEN	INT	2	(IBM name: REQUESTDATA_LEN) Request Data section length
REQUESTDATA_COUNT	INT	2	(IBM name: REQUESTDATA_COUNT) Request Data section count

Secondary segment: SMF123#01_Server

Field Name	Type	Len	Description
<i>SMF123#01_Server.<fieldname></i>			
zSECTION_VER	INT	1	(IBM name: SERVER_SECTION_VER) Version of the server section.
zSYSTEM	CHAR	8	(IBM name: SERVER_SYSTEM) System name.
zSYSPLEX	CHAR	8	(IBM name: SERVER_SYSPLEX) Sysplex name.
zJOBID	CHAR	8	(IBM name: SERVER_JOBID) Job ID of the server.
zJOBNAME	CHAR	8	(IBM name: SERVER_JOBNAME) Job name of the server.
zSTOKEN	HEX	8	(IBM name: SERVER_STOKEN) SToken of the server.
zCONFIGDIR	CHAR	128	(IBM name: SERVER_CONFIGDIR) The path to where server.xml for the server is located, this includes the server name

Secondary segment: SMF123#01_V2_Server

Field Name	Type	Len	Description
<i>SMF123#01_V2_Server.<fieldname></i>			
zSECTION_VER	INT	1	(IBM name: SERVER_SECTION_VER) Version of the server section.
zSYSTEM	CHAR	8	(IBM name: SERVER_SYSTEM) System name.
zSYSPLEX	CHAR	8	(IBM name: SERVER_SYSPLEX) Sysplex name.
zJOBID	CHAR	8	(IBM name: SERVER_JOBID) Job ID of the server.
zJOBNAME	CHAR	8	(IBM name: SERVER_JOBNAME) Job name of the server.
zSTOKEN	HEX	8	(IBM name: SERVER_STOKEN) SToken of the server.
zCONFIGDIR	CHAR	128	(IBM name: SERVER_CONFIGDIR) The path to where server.xml for the server is located, this includes the server name
zVERSION	CHAR	16	(IBM name: SERVER_VERSION) Version of the server <v.r.m.f>.

Secondary segment: SMF123#01_User_Data

Field Name	Type	Len	Description
<i>SMF123#01_User_Data.<fieldname></i>			
zHD_VER	INT	4	(IBM name: USERDATAHD_VER) Version of user data header. This template maps version 1 of user data.
zHD_TYPE	INT	4	(IBM name: USERDATAHD_TYPE) User data type.

zHD_DATALEN	INT	4	(IBM name: USERDATAHD_DATALEN) Length of following user data.
z_VER	INT	4	(IBM name: USERDATA_VER) Version of user data record. This template maps version 3 of user data.
TIME_ZC_ENTRY	TSTMP	8	(IBM name: TIME_ZC_ENTRY) Arrival date and time.
TIME_ZC_EXIT	TSTMP	8	(IBM name: TIME_ZC_EXIT) Completion date and time.
REQ_TARGET_URI	CHAR	64	(IBM name: REQ_TARGET_URI) Target URI.
REQ_PAYLOAD_LEN	INT	4	(IBM name: REQ_PAYLOAD_LEN) Request payload length in bytes..
API_SERVICE_NAME	CHAR	64	(IBM name: API_SERVICE_NAME) API or service name.
REQ_METHOD	CHAR	8	(IBM name: REQ_METHOD) Method GET/POST/PUT/DELETE.
RESP_PAYLOAD_LEN	INT	4	(IBM name: RESP_PAYLOAD_LEN) Response payload length in bytes.
USER_NAME	CHAR	64	(IBM name: USER_NAME) User name (eg. Distributed ID).
REQ_ID	INT	8	(IBM name: REQ_ID) Request ID (simple sequence number).
SERVICE_GROUP	CHAR	64	(IBM name: SERVICE_GROUP) Service grouping (unused).
USER_NAME_MAPPED	CHAR	8	(IBM name: USER_NAME_MAPPED) Mapped user name (eg. SAF ID).

Secondary segment: SMF123#01_V2_Request_Data

Field Name	Type	Len	Description
<i>SMF123#01_V2_Request_Data.<fieldname></i>			
REQUESTDATA_VER	INT	1	(IBM name: REQUESTDATA_VER) Version of request data record. Set to 1.
REQ_TYPE	INT (ENUM)	1	(IBM name: REQ_TYPE) Request type (Unknown=0, API =1, Service=2, Admin=3)
HTTP_RESP_CODE	INT	2	(IBM name: HTTP_RESP_CODE) Http response code

SMF123#01_V2_Request_Data.RESP_FLAGS.<fieldname>

REQ_TIMED_OUT	BIT	1	(IBM name: REQ_TIMED_OUT) Request timed out indicator
---------------	-----	---	--

SMF123#01_V2_Request_Data.<fieldname>

RESERVED_04	CHAR	3	(IBM name: RESERVED_04) Reserved.
USER_NAME	CHAR	64	(IBM name: USER_NAME) User name, a distributed or a SAF identity.
USER_NAME_MAPPED	CHAR	8	(IBM name: USER_NAME_MAPPED) SAF mapped user name.
CLIENT_IP_ADDR	CHAR	48	(IBM name: CLIENT_IP_ADDR) Client IP address.
API_NAME	CHAR	64	(IBM name: API_NAME) API name.

API_VERSION	CHAR	8	(IBM name: API_VERSION) API version.
SERVICE_NAME	CHAR	64	(IBM name: SERVICE_NAME) Service name.
SERVICE_VERSION	CHAR	8	(IBM name: SERVICE_VERSION) Service version.
REQ_METHOD	CHAR	8	(IBM name: REQ_METHOD) Method GET/POST/PUT/DELETE.
REQ_QUERY_STR	CHAR	128	(IBM name: REQ_QUERY_STR) Query string.
REQ_TARGET_URI	CHAR	256	(IBM name: REQ_TARGET_URI) Target URI.
REQ_PAYLOAD_LEN	INT	4	(IBM name: REQ_PAYLOAD_LEN) Request payload length in bytes..
RESP_PAYLOAD_LEN	INT	4	(IBM name: RESP_PAYLOAD_LEN) Response payload length in bytes.
TIME_ZC_ENTRY	TSTMP	8	(IBM name: TIME_ZC_ENTRY) Time the request was received by the z/OS Connect EE server.
TIME_ZC_EXIT	TSTMP	8	(IBM name: TIME_ZC_EXIT) Time the response was ready to be sent to the HTTP client.
TIME_SOR_SENT	TSTMP	8	(IBM name: TIME_SOR_SENT) Time the request was ready to be sent to the system of record.
TIME_SOR_RECV	TSTMP	8	(IBM name: TIME_SOR_RECV) Time the response was received from the system of record.
SP_NAME	CHAR	16	(IBM name: SP_NAME) Service provider name. Value of com.ibm.zosconnect.spi.Data.SERVICE_PROVIDER_NAME.
SOR_REFERENCE	CHAR	32	(IBM name: SOR_REFERENCE) Reference to the element in server.xml that identifies the connection to the system of record. Value of com.ibm.zosconnect.spi.Data.SOR_REFERENCE.
SOR_IDENTIFIER	CHAR	64	(IBM name: SOR_IDENTIFIER) System of record identifier. Value of com.ibm.zosconnect.spi.Data.SOR_IDENTIFIER.
SOR_RESOURCE	CHAR	128	(IBM name: SOR_RESOURCE) System of record resource. Value of com.ibm.zosconnect.spi.Data.SOR_RESOURCE
REQ_ID	INT	8	(IBM name: REQ_ID) Request identifier that is unique within a z/OS Connect EE server instance.
TRACKING_TOKEN	HEX	64	(IBM name: TRACKING_TOKEN) Tracking token. Refer to Tracking requests.
REQUEST_HDR1	CHAR	64	(IBM name: REQUEST_HDR1) Request <header1name:header1value>
REQUEST_HDR2	CHAR	64	(IBM name: REQUEST_HDR2) Request <header2name:header2value>
REQUEST_HDR3	CHAR	64	(IBM name: REQUEST_HDR3) Request <header3name:header3value>
REQUEST_HDR4	CHAR	64	(IBM name: REQUEST_HDR4) Request <header4name:header4value>
RESPONSE_HDR1	CHAR	64	(IBM name: RESPONSE_HDR1) Response <header1name:header1value>
RESPONSE_HDR2	CHAR	64	(IBM name: RESPONSE_HDR2) Response <header2name:header2value>
RESPONSE_HDR3	CHAR	64	(IBM name: RESPONSE_HDR3) Response <header3name:header3value>
RESPONSE_HDR4	CHAR	64	(IBM name: RESPONSE_HDR4) Response <header4name:header4value>

Record Type 124 - I/O Supervisor Information

SMF Record 124 (I/O Supervisor Information) has several subtypes, each mapped by a structure member name of the format "T124STnn".

Record Type 124 Subtype 1 - IOS Link Diagnostics

Primary Segment:

- [SMF124#01_IOS_Link_Diagnostic_Information](#)

Secondary Segment(s): 1

- [SMF124#01_Port](#)

Primary segment: [SMF124#01_IOS_Link_Diagnostic_Information](#)

Field Name	Type	Len	Description
<i>SMF124#01_IOS_Link_Diagnostic_Information.<fieldname></i>			
<i>SMF124#01_IOS_Link_Diagnostic_Information.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM124FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM124RTY) Record type 124 (X'7C').
zTME	TSTMP	8	(IBM name: SM124TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM124SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM124SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM124STY) Record subtype. 1 => Link diagnostic information, 2 => Endpoint security information, 3 => Endpoint security authentication key update, 4 => Endpoint security encryption key update, 5 => External key manager event record
zSTYe	INT (ENUM)	2	(IBM name: SM124STYe) Record subtype - short expansion
zHdr_Len	INT	2	(IBM name: SMF124Hdr_Len) Length of header.
zHdr_TrplCnt	INT	2	(IBM name: SMF124Hdr_TrplCnt) Number of triplets in header.
zHdr_Flags	INT	2	(IBM name: SMF124_Hdr_Flags) Header flags.
zPort_Offset	INT	4	(IBM name: SMF124S1_Port_Offset) Offset to port section from start of record, including record descriptor word (RDW).
zPort_Len	INT	2	(IBM name: SMF124S1_Port_Len) Length of port section.
zPort_Num	INT	2	(IBM name: SMF124S1_Port_Num) Number of port sections.

Secondary segment: **SMF124#01_Port**

Field Name	Type	Len	Description
SMF124#01_Port.<fieldname>			
zRetTime	TSTMP	8	(IBM name: SMF124S1_RetTime) Date and Time that the link diagnostic information was retrieved.
zWWPN	HEX	8	(IBM name: SMF124S1_WWPN) Worldwide port name (WWPN) of the port.
zReportSrc	INT (ENUM)	1	(IBM name: SMF124S1_ReportSrc) Reporting source: 1 => (IBM name: SMF124S1_ReportSrc_Monitor) Periodic monitoring.

SMF124#01_Port.zPortID.<fieldname>**SMF124#01_Port.zPortID.zChannelPort.<fieldname>**

zCHPID	HEX	1	(IBM name: SMF124S1_CHPID) For channel ports, the channel path identifier (CHPID) assigned to the port.
zPCHID	HEX	2	(IBM name: SMF124S1_PCHID) For channel ports, the physical channel identifier (PCHID) assigned to the port.

SMF124#01_Port.zPortID.zSwitchPort1.<fieldname>

zID_LA1	HEX	1	(IBM name: SMF124S1_ID_LA1) For entry and exit switch ports, the 1-byte link address, if the identifier size (SMF124S1_IdSize) is 1.
---------	-----	---	---

SMF124#01_Port.zPortID.zSwitchPort2.<fieldname>

zID_LA2	HEX	2	(IBM name: SMF124S1_ID_LA2) For entry and exit switch ports, the domain and area portions of the 2-byte link address, if the identifier size (SMF124S1_IdSize) is 2.
---------	-----	---	---

SMF124#01_Port.zPortID.zCUPort.<fieldname>

zINTID	HEX	2	(IBM name: SMF124S1_INTID) For control unit ports, the control unit interface ID assigned to the port.
--------	-----	---	---

SMF124#01_Port.zPortID.<fieldname>

zPortType	INT (ENUM)	1	(IBM name: SMF124S1_PortType) Port type: 1 => (IBM name: SMF124S1_PortType_Channel) Channel port, 2 => (IBM name: SMF124S1_PortType_EntrySwitch) Entry switch port, 3 => (IBM name: SMF124S1_PortType_ExitSwitch) Exit switch port, 4 => (IBM name: SMF124S1_PortType_CU) Control unit port.
zAssocCHPID	HEX	1	(IBM name: SMF124S1_AssocCHPID) The associated CHPID for switch and control unit ports.

SMF124#01_Port.zFlag1.<fieldname>

zValSpeed	BIT	1	(IBM name: SMF124S1_ValSpeed) Port speed information is valid.
zValSFPDP	BIT	1	(IBM name: SMF124S1_ValSFPDP) SFP diagnostic parameters are valid.
zValBuff	BIT	1	(IBM name: SMF124S1_ValBuff) Buffer credit information is valid.
zValLESB	BIT	1	(IBM name: SMF124S1_ValLESB) Link error status block (LESB) information is valid.
zValFEC	BIT	1	

			(IBM name: SMF124S1_ValFEC) Forward error correction (FEC) information is valid.
zValAttWWPN	BIT	1	(IBM name: SMF124S1_ValAttWWPN) Attached port name SMF124S1_AttWWPN is valid.
zldSize	BINT	2	(IBM name: SMF124S1_IdSize) Port identifier size (1, 2 or 3).

SMF124#01_Port.zFlag2.<fieldname>

zValThresh_Temp	BIT	1	(IBM name: SMF124S1_ValThresh_Temp) Temperature threshold values are valid.
zValThresh_Voltage	BIT	1	(IBM name: SMF124S1_ValThresh_Voltage) Voltage threshold values are valid.
zValThresh_TxBias	BIT	1	(IBM name: SMF124S1_ValThresh_TxBias) Transmitter laser bias current (Tx bias) threshold values are valid.
zValThresh_TxPower	BIT	1	(IBM name: SMF124S1_ValThresh_TxPower) Optical transmit power (Tx) threshold values are valid.
zValThresh_RxPower	BIT	1	(IBM name: SMF124S1_ValThresh_RxPower) Optical receive power (Rx) threshold values are valid.

SMF124#01_Port.zFlag3.<fieldname>

zOpSpeedUnknown	BIT	1	(IBM name: SMF124S1_OpSpeedUnknown) The operating speed is not known to the port.
zOpSpeedUnRecog	BIT	1	(IBM name: SMF124S1_OpSpeedUnRecog) The operating speed is not recognized by z/OS.
zOpSpeedNotEst	BIT	1	(IBM name: SMF124S1_OpSpeedNotEst) The operating speed has not been established by the port.
zCapSpeedUnknown	BIT	1	(IBM name: SMF124S1_CapSpeedUnknown) The capable speed is not known to the port.
zCapSpeedUnRecog	BIT	1	(IBM name: SMF124S1_CapSpeedUnRecog) The capable speed is not recognized by z/OS.
zFECActive	BIT	1	(IBM name: SMF124S1_FECActive) Indicates whether forward error correction (FEC) for a 16 Gbs port is active. If on, FEC for this 16 Gbs port is active. If off, FEC for the 16 Gbs port is not active or the state is unknown. This field is not relevant to ports whose operating link speed is not 16Gbs. FEC for ports with speeds 32 Gbs or higher, will always be active.

SMF124#01_Port.zFlag4.<fieldname>**SMF124#01_Port.zFlag5.<fieldname>****SMF124#01_Port.zFlag6.<fieldname>****SMF124#01_Port.zFlag7.<fieldname>****SMF124#01_Port.zFlag8.<fieldname>****SMF124#01_Port.<fieldname>**

zPortSpeed	INT	4	(IBM name: SMF124S1_PortSpeed) Port speed information. This information is valid if SMF124S1_ValSpeed is ON.
zOperSpeed	INT	2	(IBM name: SMF124S1_OperSpeed) Current operating speed, in gigabits per second (Gbps). If zero, see operating speed flags in SMF124S1_Flag3 for more information.
zCapSpeed	INT	2	(IBM name: SMF124S1_CapSpeed) Maximum capable speed, in gigabytes per second (Gbps). If zero, see capable speed flags in SMF124S1_Flag3 for more information.

SMF124#01_Port.zSFPDP.<fieldname>			
zSFP_Temp	INT	2	(IBM name: SMF124S1_SFP_Temp) Transceiver temperature. This field contains a signed, two's complement value in increments of 1/256 of a degree Celsius (C). The valid range is -128°C to 128°C (127.996°C).
zSFP_Voltage	INT	2	(IBM name: SMF124S1_SFP_Voltage) Voltage. The value is in units of 100 microvolts (uV). The valid range is 0 - 6.55 volts (V).
zSFP_TxBias	INT	2	(IBM name: SMF124S1_SFP_TxBias) Transmitter laser bias current (Tx bias). The value is in units of two microamps (uA). The valid range is 0 - 131 milliamps (mA).
zSFP_TxPower	INT	2	(IBM name: SMF124S1_SFP_TxPower) Transmit power (Tx). The value is in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW).
zSFP_RxPower	INT	2	(IBM name: SMF124S1_SFP_RxPower) Receive power (Rx). The value is in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW).

SMF124#01_Port.zBuffCred.<fieldname>			
zThisPort_B2BCredit	INT	4	(IBM name: SMF124S1_ThisPort_B2BCredit) Number of buffer-to-buffer credits for this port.
zAttPort_B2BCredit	INT	4	(IBM name: SMF124S1_AttPort_B2BCredit) Number of buffer-to-buffer credits for the attached port.
zRTT	INT	4	(IBM name: SMF124S1_RTT) Round-trip time from this port to the attached port, in nanoseconds. A value of zero means that the round trip time is unknown.
zEst_Distance	INT	4	(IBM name: SMF124S1_Est_Distance) Estimated distance, in meters, based on the roundtrip time. A value of zero means that the estimated distance is unknown.

SMF124#01_Port.zErrorInfo.<fieldname>			
zLESB_LinkFailureCount	INT	4	(IBM name: SMF124S1_LESB_LinkFailureCount) Link failure count for this monitoring interval. This information is valid if SMF124S1_ValLESB is ON.
zLESB_LossOfSyncCount	INT	4	(IBM name: SMF124S1_LESB_LossOfSyncCount) Loss-of-synchronization count for this monitoring interval. This information is valid if SMF124S1_ValLESB is ON.
zLESB_LossOfSignalCount	INT	4	(IBM name: SMF124S1_LESB_LossOfSignalCount) Loss-of-signal count for this monitoring interval. This information is valid if SMF124S1_ValLESB is ON.
zLESB_PrimitiveSeqProtocol	INT	4	(IBM name: SMF124S1_LESB_PrimitiveSeqProtocol) Count of primitive sequence protocol errors for this monitoring interval. This information is valid if SMF124S1_ValLESB is ON.
zLESB_InvalidTransWord	INT	4	(IBM name: SMF124S1_LESB_InvalidTransWord) Count of invalid transmission words for this monitoring interval. This information is valid if SMF124S1_ValLESB is ON.
zLESB_InvalidCRCCount	INT	4	(IBM name: SMF124S1_LESB_InvalidCRCCount) Invalid CRC count for this monitoring interval. This information is valid if SMF124S1_ValLESB is ON.
zFEC_UnCorrected_Blks	INT	4	(IBM name: SMF124S1_FEC_UnCorrected_Blks) Number of FEC uncorrected blocks for this monitoring interval. This information is valid if SMF124S1_ValFEC is ON.

SMF124#01_Port.zThresholds_Temp.<fieldname>			
zThreshold_Temp_HighAlarm	INT	2	(IBM name: SMF124S1_Threshold_Temp_HighAlarm) High alarm threshold.
zThreshold_Temp_LowAlarm	INT	2	(IBM name: SMF124S1_Threshold_Temp_LowAlarm) Low alarm threshold.
zThreshold_Temp_HighWarn	INT	2	

			(IBM name: SMF124S1_Threshold_Temp_HighWarn) High warning threshold.
zThreshold_Temp_LowWarn	INT	2	(IBM name: SMF124S1_Threshold_Temp_LowWarn) Low warning threshold.

SMF124#01_Port.zThresholds_Voltage.<fieldname>			
zThreshold_Voltage_HighAlarm	INT	2	(IBM name: SMF124S1_Threshold_Voltage_HighAlarm) High alarm threshold in units of 100 microvolts (uV). The valid range is 0 - 6.55 volts (V). This information is valid when SMF124S1_ValThresh_Voltage is ON.
zThreshold_Voltage_LowAlarm	INT	2	(IBM name: SMF124S1_Threshold_Voltage_LowAlarm) Low alarm threshold in units of 100 microvolts (uV). The valid range is 0 - 6.55 volts (V). This information is valid when SMF124S1_ValThresh_Voltage is ON.
zThreshold_Voltage_HighWarn	INT	2	(IBM name: SMF124S1_Threshold_Voltage_HighWarn) High warning threshold in units of 100 microvolts (uV). The valid range is 0 - 6.55 volts (V). This information is valid when SMF124S1_ValThresh_Voltage is ON.
zThreshold_Voltage_LowWarn	INT	2	(IBM name: SMF124S1_Threshold_Voltage_LowWarn) Low warning threshold in units of 100 microvolts (uV). The valid range is 0 - 6.55 volts (V). This information is valid when SMF124S1_ValThresh_Voltage is ON.

SMF124#01_Port.zThresholds_TxBias.<fieldname>			
zThreshold_TxBias_HighAlarm	INT	2	(IBM name: SMF124S1_Threshold_TxBias_HighAlarm) High alarm threshold in units of two microamps (uA). The valid range is 0 - 131 milliamps (mA). This information is valid when SMF124S1_ValThresh_Bias is ON.
zThreshold_TxBias_LowAlarm	INT	2	(IBM name: SMF124S1_Threshold_TxBias_LowAlarm) Low alarm threshold in units of two microamps (uA). The valid range is 0 - 131 milliamps (mA). This information is valid when SMF124S1_ValThresh_Bias is ON.
zThreshold_TxBias_HighWarn	INT	2	(IBM name: SMF124S1_Threshold_TxBias_HighWarn) High warning threshold in units of two microamps (uA). The valid range is 0 - 131 milliamps (mA). This information is valid when SMF124S1_ValThresh_Bias is ON.
zThreshold_TxBias_LowWarn	INT	2	(IBM name: SMF124S1_Threshold_TxBias_LowWarn) Low warning threshold in units of two microamps (uA). The valid range is 0 - 131 milliamps (mA). This information is valid when SMF124S1_ValThresh_Bias is ON.

SMF124#01_Port.zThresholds_TxPower.<fieldname>			
zThreshold_TxPower_HighAlarm	INT	2	(IBM name: SMF124S1_Threshold_TxPower_HighAlarm) High alarm threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_TxPower is ON.
zThreshold_TxPower_LowAlarm	INT	2	(IBM name: SMF124S1_Threshold_TxPower_LowAlarm) Low alarm threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_TxPower is ON.
zThreshold_TxPower_HighWarn	INT	2	(IBM name: SMF124S1_Threshold_TxPower_HighWarn) High warning threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_TxPower is ON.
zThreshold_TxPower_LowWarn	INT	2	(IBM name: SMF124S1_Threshold_TxPower_LowWarn) Low warning threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_TxPower is ON.

SMF124#01_Port.zThresholds_RxPower.<fieldname>			
zThreshold_RxPower_HighAlarm	INT	2	(IBM name: SMF124S1_Threshold_RxPower_HighAlarm) High alarm threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_RxPower is ON.

zThreshold_RxPower_LowAlarm	INT	2	(IBM name: SMF124S1_Threshold_RxPower_LowAlarm) Low alarm threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_RxPower is ON.
zThreshold_RxPower_HighWarn	INT	2	(IBM name: SMF124S1_Threshold_RxPower_HighWarn) High warning threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_RxPower is ON.
zThreshold_RxPower_LowWarn	INT	2	(IBM name: SMF124S1_Threshold_RxPower_LowWarn) Low warning threshold in units of 0.1 microwatts (uW). The valid range is 0 - 6.5 milliwatts (mW). This information is valid if SMF124S1_ValThresh_RxPower is ON.
SMF124#01_Port.<fieldname>			
zAttWWPN	HEX	8	(IBM name: SMF124S1_AttWWPN) Worldwide port name of the attached port. This information is valid if SMF124S1_ValAttWWPN flag is on.

Record Type 124 Subtype 2 - IOS Endpoint Security

Primary Segment:

- [SMF124#02_IOS_Endpoint_Security_Information](#)

Secondary Segment(s): 1

- [SMF124#02_Endpoint_Security_Status](#)

Primary segment: [SMF124#02_IOS_Endpoint_Security_Information](#)

Field Name	Type	Len	Description
<i>SMF124#02_IOS_Endpoint_Security_Information.<fieldname></i>			
<i>SMF124#02_IOS_Endpoint_Security_Information.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM124FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM124RTY) Record type 124 (X'7C').
zTME	TSTMP	8	(IBM name: SM124TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM124SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM124SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM124STY) Record subtype. 1 => Link diagnostic information, 2 => Endpoint security information, 3 => Endpoint security authentication key update, 4 => Endpoint security encryption key update, 5 => External key manager event record
zSTYe	INT (ENUM)	2	(IBM name: SM124STYe) Record subtype - short expansion
zHdr_Len	INT	2	(IBM name: SMF124Hdr_Len) Length of header.
zHdr_TrplCnt	INT	2	(IBM name: SMF124Hdr_TrplCnt) Number of triplets in header.
zHdr_Flags	INT	2	(IBM name: SMF124_Hdr_Flags) Header flags.
zEPSECSTAT_Offset	INT	4	(IBM name: SMF124S2_EPSECSTAT_Offset) Offset to endpoint security status section from start of record, including record descriptor word (RDW).
zEPSECSTAT_Len	INT	2	(IBM name: SMF124S2_EPSECSTAT_Len) Length of endpoint security status section.
zEPSECSTAT_Num	INT	2	(IBM name: SMF124S2_EPSECSTAT_Num) Number of endpoint security status sections.

Secondary segment: [SMF124#02_Endpoint_Security_Status](#)

Field Name	Type	Len	Description
<i>SMF124#02_Endpoint_Security_Status.<fieldname></i>			
zCHPID	HEX	1	

			(IBM name: SMF124S2_CHPID) CHPID.
zPCHID	HEX	2	(IBM name: SMF124S2_PCHID) Physical channel ID of CHPID.
zCHPWWPN	HEX	8	(IBM name: SMF124S2_CHPWWPN) Worldwide port number (WWPN) of channel.
zLADDR	HEX	3	(IBM name: SMF124S2_LADDR) Destination link address.
zINTID	HEX	2	(IBM name: SMF124S2_INTID) Interface ID of CU port.
zCUWWPN	HEX	8	(IBM name: SMF124S2_CUWWPN) WWPN of CU port.
zREPORTSRC	INT (ENUM)	1	(IBM name: SMF124S2_ReportSrc) Reporting source: 1 => (IBM name: SMF124S1_ReportSrc_Monitor) Periodic monitoring.
zEPSEC_CURR	INT (ENUM)	1	(IBM name: SMF124S2_EPSEC_CURR) Current endpoint security status. 0 => no endpoint security is in effect, 1 => Authentication is in effect, 2 => Encryption is in effect.
zCHPIDCAPABILITY	INT (ENUM)	1	(IBM name: SMF124S2_CHPIDCAPABILITY) Endpoint security capability of the CHPID. 0 => no endpoint security is in effect, 1 => Authentication is in effect, 2 => Encryption is in effect.

SMF124#02_Endpoint_Security_Status.zFLAG1.<fieldname>

zEPSEC_SUMM	BIT	1	(SMF124S2_EPSEC_SUMM) Summary flag. The following two flags are mutually exclusive. If neither flag is on, then no endpoint security is in effect.
zEPSEC_AUTH	BIT	1	(SMF124S2_EPSEC_AUTH) Authentication is in effect.
zEPSEC_ENCR	BIT	1	(SMF124S2_EPSEC_ENCR) Encryption is in effect.

Record Type 124 Subtype 3 - IOS Endpoint Security Authentication Key Update

Primary Segment:

- SMF124#03_IOS_Endpoint_Security_Authentication

Secondary Segment(s): 1

- SMF124#03_Key_Update

Primary segment: SMF124#03_IOS_Endpoint_Security_Authentication

Field Name	Type	Len	Description
SMF124#03_IOS_Endpoint_Security_Authentication.<fieldname>			
SMF124#03_IOS_Endpoint_Security_Authentication.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM124FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM124RTY) Record type 124 (X'7C').
zTME	TSTMP	8	(IBM name: SM124TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM124SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM124SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM124STY) Record subtype. 1 => Link diagnostic information, 2 => Endpoint security information, 3 => Endpoint security authentication key update, 4 => Endpoint security encryption key update, 5 => External key manager event record
zSTYe	INT (ENUM)	2	(IBM name: SM124STYe) Record subtype - short expansion
zHdr_Len	INT	2	(IBM name: SMF124Hdr_Len) Length of header.
zHdr_TrplCnt	INT	2	(IBM name: SMF124Hdr_TrplCnt) Number of triplets in header.
zHdr_Flags	INT	2	(IBM name: SMF124_Hdr_Flags) Header flags.
zAUTHKEYUPD_Offset	INT	4	(IBM name: SMF124S3_AUTHKEYUPD_Offset) Offset to endpoint security authentication key update section from start of record, including record descriptor word (RDW).
zAUTHKEYUPD_Len	INT	2	(IBM name: SMF124S3_AUTHKEYUPD_Len) Length of endpoint security authentication key update section.
zAUTHKEYUPD_Num	INT	2	(IBM name: SMF124S3_AUTHKEYUPD_Num) Number of endpoint security authentication key update sections.

Secondary segment: SMF124#03_Key_Update

Field Name	Type	Len	Description
SMF124#03_Key_Update.<fieldname>			
zPEERWWNN	HEX	8	

		(IBM name: SMF124S3_PEERWWNN) World wide node name (WWNN) of peer node.
--	--	--

Record Type 124 Subtype 4 - IOS Endpoint Security Encryption Key Update

Primary Segment:

- [SMF124#04_IOS_Endpoint_Security_Encryption](#)

Secondary Segment(s): 1

- [SMF124#04_Key_Update](#)

Primary segment: [SMF124#04_IOS_Endpoint_Security_Encryption](#)

Field Name	Type	Len	Description
<i>SMF124#04_IOS_Endpoint_Security_Encryption.<fieldname></i>			
<i>SMF124#04_IOS_Endpoint_Security_Encryption.Header_Self_defining_Section.<fieldname></i>			
zFLG	HEX	1	(IBM name: SM124FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM124RTY) Record type 124 (X'7C').
zTME	TSTMP	8	(IBM name: SM124TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM124SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM124SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM124STY) Record subtype. 1 => Link diagnostic information, 2 => Endpoint security information, 3 => Endpoint security authentication key update, 4 => Endpoint security encryption key update, 5 => External key manager event record
zSTYe	INT (ENUM)	2	(IBM name: SM124STYe) Record subtype - short expansion
zHdr_Len	INT	2	(IBM name: SMF124Hdr_Len) Length of header.
zHdr_TrplCnt	INT	2	(IBM name: SMF124Hdr_TrplCnt) Number of triplets in header.
zHdr_Flags	INT	2	(IBM name: SMF124_Hdr_Flags) Header flags.
zENCRKEYUPD_Offset	INT	4	(IBM name: SMF124S4_ENCRKEYUPD_Offset) Offset to endpoint security encryption key update section from start of record, including record descriptor word (RDW).
zENCRKEYUPD_Len	INT	2	(IBM name: SMF124S4_ENCRKEYUPD_Len) Length of endpoint security encryption key update section.
zENCRKEYUPD_Num	INT	2	(IBM name: SMF124S4_ENCRKEYUPD_Num) Number of endpoint security encryption key update sections.

Secondary segment: [SMF124#04_Key_Update](#)

Field Name	Type	Len	Description
<i>SMF124#04_Key_Update.<fieldname></i>			
zCHPID	HEX	1	

			(IBM name: SMF124S4_CHPID) CHPID associated with the event.
zPCHID	HEX	2	(IBM name: SMF124S4_PCHID) Physical channel ID of the CHPID.
zCHPWWPN	HEX	8	(IBM name: SMF124S4_CHPWWPN) WWPN of the CHPID.
zLINKADDR	HEX	2	(IBM name: SMF124S4_LINKADDR) Link address associated with the event.
zCUINTID	HEX	2	(IBM name: SMF124S4_CUINTID) Interface ID of the CU port.
zCUWWPN	HEX	8	(IBM name: SMF124S4_CUWWPN) WWPN of the CU port.

Record Type 124 Subtype 5 - IOS External Key Manager

Primary Segment:

- SMF124#05_IOS_External_Key_Manager

Secondary Segment(s): 1

- SMF124#05_Event

Primary segment: SMF124#05_IOS_External_Key_Manager

Field Name	Type	Len	Description
SMF124#05_IOS_External_Key_Manager.<fieldname>			
SMF124#05_IOS_External_Key_Manager.Header_Self_defining_Section.<fieldname>			
zFLG	HEX	1	(IBM name: SM124FLG) System indicator: Bit Meaning when set 0 New SMF record format 1 Subtypes used 2 Reserved. 3-6 Version indicators 7 System is running in PR/SM mode.
zRTY	INT	1	(IBM name: SM124RTY) Record type 124 (X'7C').
zTME	TSTMP	8	(IBM name: SM124TME) Date/Time when the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SM124SID) System identification (from the SMFPRMxx SID parameter).
zSSI	CHAR	4	(IBM name: SM124SSI) Sub-system identification ('RMF').
zSTY	INT	2	(IBM name: SM124STY) Record subtype. 1 => Link diagnostic information, 2 => Endpoint security information, 3 => Endpoint security authentication key update, 4 => Endpoint security encryption key update, 5 => External key manager event record
zSTYe	INT (ENUM)	2	(IBM name: SM124STYe) Record subtype - short expansion
zHdr_Len	INT	2	(IBM name: SMF124Hdr_Len) Length of header.
zHdr_TrplCnt	INT	2	(IBM name: SMF124Hdr_TrplCnt) Number of triplets in header.
zHdr_Flags	INT	2	(IBM name: SMF124_Hdr_Flags) Header flags.
zEXTKEYMGRINFO_Offset	INT	4	(IBM name: SMF124S5_EXTKEYMGRINFO_Offset) Offset to external key manager information section from start of record, including record descriptor word (RDW).
zEXTKEYMGRINFO_Len	INT	2	(IBM name: SMF124S5_EXTKEYMGRINFO_Len) Length of external key manager information section.
zEXTKEYMGRINFO_Num	INT	2	(IBM name: SMF124S5_EXTKEYMGRINFO_Num) Number of external key manager information sections.

Secondary segment: SMF124#05_Event

Field Name	Type	Len	Description
SMF124#05_Event.<fieldname>			
zAVSTATUS	HEX	1	

			(IBM name: SMF124S5_AVSTATUS) Availability status of the external key manager. Constants: SMF124S5_AvStatus_xx
zIDTYPE	HEX	1	(IBM name: SMF124S5_IDTYPE) Identifier type of the external key manager. Constants: SMF124S5_IdType_xx
zID_LENGTH	INT	1	(IBM name: SMF124S5_ID_LENGTH) Length of identifier when ID type is 3 (hostname).
zIDENTIFIER	HEX	255	(IBM name: SMF124S5_IDENTIFIER) External key manager identifier.

Record Type 125 - Generic Tracker

SMF Record 125 (Generic Tracker) is mapped by structure member "T125ST01".

Primary Segment:

- [SMF125_Generic_Tracker](#)

Secondary Segment(s): 3 (in alphabetical order)

- [SMF125_EventDesc](#)
- [SMF125_ProgramPath](#)
- [SMF125_SourcePath](#)

Primary segment: [SMF125_Generic_Tracker](#)

Field Name	Type	Len	Description
<i>SMF125_Generic_Tracker.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF125FLG) System indicator. See 'Standard SMF record header' on page n for details.
zRTY	INT	1	(IBM name: SMF125RTY) Record type 125 (X'7D')
zTME	TSTMP	8	(IBM name: SMF125TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF125SID) System identification (from the SID parameter).
zSSI	CHAR	4	(IBM name: SMF125SSI) Subsystem identification: 'GTZ'.
zSTY	INT	2	(IBM name: SMF125STY) Record SubType. Value of 1 iNDICATETRACKDATA.
zTVR	INT	1	(IBM name: SMF125TVR) Version: 1 (GTZSMFVERS10NTRACKDATA1)

<i>SMF125_Generic_Tracker.zTF1.<fieldname></i>			
zSourceFlag	BIT	1	If ON, use SOURCEPATH, with SMF125TSPL and SMF125TSPO, otherwise use SOURCE, with SMF125TSO.
zProgramFlag	BIT	1	If ON, use PROGRAMPATH, with SMF125TPPL and SMF125TPPO, otherwise use PROGRAM, with SMF125TPR.
zAuthEvent	BIT	1	If ON, the tracked EVENT ran authorized.

<i>SMF125_Generic_Tracker.<fieldname></i>			
zTFT	TSTMP	8	(IBM name: SMF125TFT) The time stamp when the first instance of this unique tracked instance was recorded.
zTOW	CHAR	16	(IBM name: SMF125TOW) OWNER value.
zTSO	CHAR	8	(IBM name: SMF125TSO) SOURCE value. Only valid if SMF125TFS is OFF.
zTSPL	INT	2	(IBM name: SMF125TSPL) Length of SOURCEPATH value. Only valid if SMF125TFS is ON.
zTSPO	INT	2	(IBM name: SMF125TSPO) Offset from the start of this GtzSmf125 record to the SOURCEPATH value of the offset 72 IENGTHOnly valid if SMF125TFS is ON.
zTEDL	INT	2	(IBM name: SMF125TEDL) Length of EVENTDESC value.
zTEDO	INT	2	(IBM name: SMF125TEDO) Offset from the start of this GtzSmf125 record to the EVENTDESC value of the offset 76 IENGTH

zTED	HEX	16	(IBM name: SMF125TED) EVENTDATA value.
zEventData1	HEX	8	(IBM name: GtzSmf125TEventData1) First half of EVENTDATA value.
zEventData2	HEX	8	(IBM name: GtzSmf125TEventData2) Second half of EVENTDATA value.
zTEJ	CHAR	8	(IBM name: SMF125TEJ) Derived EVENTJOB-name value.
zTHJ	CHAR	8	(IBM name: SMF125THJ) Derived HOMEJOB-name value.
zTPR	CHAR	8	(IBM name: SMF125TPR) Derived PROGRAM-name value. Only valid if SMF125TFP is OFF. Chapter 16. SMF records
zTPO	HEX	8	(IBM name: SMF125TPO) Derived PROGRAMOFFSET value.
zTPPL	INT	2	(IBM name: SMF125TPPL) Length of PROGRAMPATH value. Only valid if SMF125TFP is ON.
zTPPO	INT	2	(IBM name: SMF125TPPO) Offset from the start of this GtzSmf125 record to the PROGRAMPATH value of the offset 128 IENGTHOnly valid if SMF125TFP is ON.
zTEA	INT	2	(IBM name: SMF125TEA) EVENTASID value.
zTHA	INT	2	(IBM name: SMF125THA) HOMEASID value.
zSYN	CHAR	8	(IBM name: SMF125SYN) Name of system on which this tracked instance was recorded.
zSXN	CHAR	8	(IBM name: SMF125SXN) Name of sysplex on which this tracked instance was recorded.

Secondary segment: SMF125_EventDesc

Field Name	Type	Len	Description
<i>SMF125_EventDesc.<fieldname></i>			
zEventDesc	XVCHAR	0 8192	(IBM name: N/A) EVENTDESC Value.

Secondary segment: SMF125_SourcePath

Field Name	Type	Len	Description
<i>SMF125_SourcePath.<fieldname></i>			
zSourcePath	XVCHAR	0 8192	(IBM name: N/A) SOURCEPATH Value.

Secondary segment: SMF125_ProgramPath

Field Name	Type	Len	Description
<i>SMF125_ProgramPath.<fieldname></i>			
zProgramPath	XVCHAR	0 8192	(IBM name: N/A) PROGRAMPATH Value.

Record Type 200 - CA Spool

SMF Record 200 (CA Spool) is mapped by structure member "T200".

Primary Segment:

- SMF200_CA_SPOOL

Secondary Segment(s): 13 (in alphabetical order)

- SMF200_00_Start
- SMF200_01_Termination
- SMF200_02_SMF_Data_Lost
- SMF200_03_VTAM_Start
- SMF200_04_VTAM_End
- SMF200_05_File_Open
- SMF200_06_File_Close
- SMF200_07_File_Purge
- SMF200_08_File_Route
- SMF200_09_File_Transfer
- SMF200_10_File_Reset
- SMF200_11_Print_End
- SMF200_12_File_Transformation

Primary segment: SMF200_CA_SPOOL

Field Name	Type	Len	Description
<i>SMF200_CA_SPOOL.<fieldname></i>			
SMF200_CA_SPOOL.Header.<fieldname>			
SMF200_CA_SPOOL.Header.zFLG.<fieldname>			
zSubTypes	BINT (ENUM)	1	zFLG bit 1 - Indicating this record has Subtypes
SMF200_CA_SPOOL.Header.<fieldname>			
zRTY	INT	1	(IBM name: SMFRTYPE) OS Record type
zTME	TSTMP	8	(IBM name: SMFTIME) Date/Time when record was moved to the SMF buffer.
zSID	CHAR	4	(IBM name: SMFSYSID) System identification (taken from system SID parameter).
SMF200_CA_SPOOL.Header.SubTypes_N.<fieldname>			
zSTY	INT	1	(IBM name: SMFSTYPE) Record subtype.
zSSI	CHAR	4	(IBM name: SMFSUBID) ESF subsystem identification.
zSSID	CHAR	4	(IBM name: SMFSYSID) SID from parameters or SMF.
SMF200_CA_SPOOL.Header.SubTypes_Y.<fieldname>			
zSSI	CHAR	4	(IBM name: SMFXSSI) ESF subsystem identification.
zSTY	INT	2	(IBM name: SMFXSTY) Record subtype.
zSSID	CHAR	4	(IBM name: SMFXSSID) SID from parameters or SMF.

Secondary segment: SMF200_00_Start

Field Name	Type	Len	Description
<i>SMF200_00_Start.<fieldname></i>			
SMF200_00_Start.zOP.<fieldname>			
zCOLD	BIT	1	COLD started
zFORMAT	BIT	1	FORMAT started
zLIST	BIT	1	LIST requested
zLOG	BIT	1	LOG requested
zBUILDQ	BIT	1	BUILDQ requested

Secondary segment: SMF200_01_Termination

Field Name	Type	Len	Description
<i>SMF200_01_Termination.<fieldname></i>			
zCT	HEX	8	(IBM name: SMFT01CT) TCB time used
zST	HEX	8	(IBM name: SMFT01ST) SRB time used

Secondary segment: SMF200_02_SMF_Data_Lost

Field Name	Type	Len	Description
<i>SMF200_02_SMF_Data_Lost.<fieldname></i>			
zCT	INT	2	(IBM name: SMFT02CT) Number of SMF records lost
zST	TSTMP	8	(IBM name: SMFT02ST) Start date/time of period during which no SMF data sets were available for recording

Secondary segment: SMF200_03_VTAM_Start

Field Name	Type	Len	Description
<i>SMF200_03_VTAM_Start.<fieldname></i>			
zNM	CHAR	8	(IBM name: SMFT03NM) Node name of terminal logged on
zGN	INT	4	(IBM name: SMFT03GN) Network group number

Secondary segment: SMF200_04_VTAM_End

Field Name	Type	Len	Description
<i>SMF200_04_VTAM_End.<fieldname></i>			

zNM	CHAR	8	(IBM name: SMFT04NM) Node name of terminal logged off
zGN	INT	4	(IBM name: SMFT04GN) Network group number

Secondary segment: SMF200_05_File_Open

Field Name	Type	Len	Description
<i>SMF200_05_File_Open.<fieldname></i>			
SMF200_05_File_Open.zFL.<fieldname>			
zOpen	BINT (ENUM)	1	Open input / output if off
zDisp	BINT (ENUM)	1	Open modify / initial if off
zBackward	BINT (ENUM)	1	Open backward / forward if off (input only)

SMF200_05_File_Open.<fieldname>			
zSQ	INT	4	(IBM name: SMFT05SQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT05OW) Filename
zDS	CHAR	8	(IBM name: SMFT05DS) File destination name
zCL	CHAR	1	(IBM name: SMFT05CL) File output class
zFR	CHAR	4	(IBM name: SMFT05FR) Form number
zFC	CHAR	4	(IBM name: SMFT05FC) FCB name
zUS	CHAR	8	(IBM name: SMFT05US) Userid
zAC	CHAR	8	(IBM name: SMFT05AC) Account number
zLC	INT	4	(IBM name: SMFT05LC) Number of lines in file (input only)
zCP	INT	1	(IBM name: SMFT05CP) Number of copies
zPR	INT	1	(IBM name: SMFT05PR) File priority
zCU	CHAR	8	(IBM name: SMFT05CU) Caller's Userid
zF8	CHAR	8	(IBM name: SMFT05F8) 8 character form number
zPL	INT	2	(IBM name: SMFT05PL) Programmer's name length
zPN	XVCHAR	0 255	(IBM name: SMFT05PN) Programmer's name

Secondary segment: SMF200_06_File_Close

Field Name	Type	Len	Description
<i>SMF200_06_File_Close.<fieldname></i>			
<i>SMF200_06_File_Close.zFL.<fieldname></i>			
zTemp	BINT (ENUM)	1	Close temporarily / permanently if off
zOpen	BINT (ENUM)	1	Opened for input /output if off
<i>SMF200_06_File_Close.<fieldname></i>			
zSQ	INT	4	(IBM name: SMFT06SQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT06OW) Filename
zDS	CHAR	8	(IBM name: SMFT06DS) File destination name
zLC	INT	4	(IBM name: SMFT06LC) Number of lines in file
zCP	INT	1	(IBM name: SMFT06CP) Number of copies
zPR	INT	1	(IBM name: SMFT06PR) File priority

Secondary segment: SMF200_07_File_Purge

Field Name	Type	Len	Description
<i>SMF200_07_File_Purge.<fieldname></i>			
<i>SMF200_07_File_Purge.zFL.<fieldname></i>			
zXMem	BINT (ENUM)	1	File purged on cross memory request /file purged by purge processor if off
<i>SMF200_07_File_Purge.<fieldname></i>			
zSQ	INT	4	(IBM name: SMFT07SQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT07OW) Filename
zDS	CHAR	8	(IBM name: SMFT07DS) File destination name
zOP	CHAR	8	(IBM name: SMFT07OP) Requestor's userid

Secondary segment: SMF200_08_File_Route

Field Name	Type	Len	Description
<i>SMF200_08_File_Route.<fieldname></i>			
<i>SMF200_08_File_Route.zFL.<fieldname></i>			
zXMem	BIT	1	Routed by cross memory request handler (ESFXEQ)
zOperator	BIT	1	Routed by system operator

zNetUser	BIT	1	Routed by network user
zComUser	BIT	1	Routed by communication user
zRequeued	BIT	1	File requeued - not routed

SMF200_08_File_Route.zRF.<fieldname>

zFName	BIT	1	Filename changed
zDest	BIT	1	File destination name changed
zClass	BIT	1	File output class changed (ESFXEQ only)
zEofRemv	BIT	1	End of file indicator removed (ESFXEQ only)
zProgNam	BIT	1	Programmer's name changed

SMF200_08_File_Route.<fieldname>

zSQ	INT	4	(IBM name: SMFT08SQ) File sequence number
zOO	CHAR	8	(IBM name: SMFT08OO) Old filename
zOD	CHAR	8	(IBM name: SMFT08OD) Old file destination name
zOC	CHAR	1	(IBM name: SMFT08OC) Old file output class (ESFXEQ only)
zNO	CHAR	8	(IBM name: SMFT08NO) New file destination name
zND	CHAR	8	(IBM name: SMFT08ND) New file destination name
zNC	CHAR	1	(IBM name: SMFT08NC) New file output class (ESFXEQ only)
zOP	CHAR	8	(IBM name: SMFT08OP) Requestor's userid

Secondary segment: SMF200_09_File_Transfer

Field Name	Type	Len	Description
SMF200_09_File_Transfer.<fieldname>			
zSQ	INT	4	(IBM name: SMFT09SQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT09OW) Filename
zDS	CHAR	8	(IBM name: SMFT09DS) Destination name
zCL	CHAR	1	(IBM name: SMFT09CL) Output class
zFR	CHAR	4	(IBM name: SMFT09FR) Form number
zFC	CHAR	4	(IBM name: SMFT09FC) FCB name
zUS	CHAR	8	(IBM name: SMFT09US) Userid
zAC	CHAR	8	(IBM name: SMFT09AC) Account number
zLC	INT	4	(IBM name: SMFT09LC) Line count

zCP	INT	1	(IBM name: SMFT09CP) Number of copies
zPR	INT	1	(IBM name: SMFT09PR) File priority
zF8	CHAR	8	(IBM name: SMFT09F8) 8 character form number
zPL	INT	2	(IBM name: SMFT09PL) Programmer's name length
zPN	XVCHAR	0 255	(IBM name: SMFT09PN) Programmer's name

Secondary segment: SMF200_10_File_Reset

Field Name	Type	Len	Description
<i>SMF200_10_File_Reset.<fieldname></i>			
SMF200_10_File_Reset.zFL.<fieldname>			
zOClass	BIT	1	Output class changed
zOPriority	BIT	1	Output priority changed
zAFFINITY	BIT	1	AFFINITY changed
zFCB	BIT	1	FCB name changed
zForms	BIT	1	Forms number changed
zCopy	BIT	1	Copy count changed
zPartial	BIT	1	Partial print changed
zRetain	BIT	1	Retain time changed

SMF200_10_File_Reset.<fieldname>			
zSQ	INT	4	(IBM name: SMFT0ASQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT0AOW) Filename
zDS	CHAR	8	(IBM name: SMFT0ADS) Destination name
zOQ	CHAR	1	(IBM name: SMFT0AOQ) Old output class
zOP	CHAR	1	(IBM name: SMFT0AOP) Old output priority
zNQ	CHAR	1	(IBM name: SMFT0ANQ) New output priority
zNP	INT	1	(IBM name: SMFT0ANP) New output priority
zOA	INT	1	(IBM name: SMFT0AOA) Old affinity mask
zNA	INT	1	(IBM name: SMFT0ANA) New affinity mask
zOC	CHAR	4	(IBM name: SMFT0AOC) Old FCB Name
zNC	CHAR	4	(IBM name: SMFT0ANC) New FCB Name 62 34 SMFT0A0F 4 EBCDIC FQEFORMS Old forms number
zNF	CHAR	4	(IBM name: SMFT0ANF) New forms number

zON	INT	1	(IBM name: SMFT0AON) Old copy count
zNN	INT	1	(IBM name: SMFT0ANN) New copy count
zOG	INT	2	(IBM name: SMFT0AOG) Old starting page
zNG	INT	2	(IBM name: SMFT0ANG) New starting page
zO#	INT	1	(IBM name: SMFT0AO#) Old page count
zN#	INT	1	(IBM name: SMFT0AN#) New page count
zOR	INT	2	(IBM name: SMFT0AOR) Old retain hours
zNR	INT	2	(IBM name: SMFT0ANR) New retain hours
zOE	CHAR	8	(IBM name: SMFT0AOE) Requestor's userid
zF8	CHAR	8	(IBM name: SMFT0AF8) 8 character form number

Secondary segment: SMF200_11_Print_End

Field Name	Type	Len	Description
<i>SMF200_11_Print_End.<fieldname></i>			
zSQ	INT	4	(IBM name: SMFT0BSQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT0BOW) Filename
zPG	INT	4	(IBM name: SMFT0BPG) Number of pages printed
zOD	CHAR	8	(IBM name: SMFT0BOD) Output device node name
zGN	INT	4	(IBM name: SMFT0BGN) Output device's network group number
zCL	CHAR	1	(IBM name: SMFT0BCL) Output class
zFO	CHAR	4	(IBM name: SMFT0BFO) Form number
zFC	CHAR	4	(IBM name: SMFT0BFC) FCB name
zLC	INT	4	(IBM name: SMFT0BLC) Number of lines in file
zLP	INT	4	(IBM name: SMFT0BLP) Number of lines printed
zDS	CHAR	8	(IBM name: SMFT0BDS) File destination name
zCP	INT	2	(IBM name: SMFT0BCP) Number of copies
zUS	CHAR	8	(IBM name: SMFT0BUS) Userid
zAC	CHAR	10	(IBM name: SMFT0BAC) Account number

zST	TSTMP	8	(IBM name: SMFT0BST) Date/Time when print was started
zF8	CHAR	8	(IBM name: SMFT0BF8) 8 character form number
zPL	INT	2	(IBM name: SMFT0BPL) Programmer's name length
zPN	CHAR	16	(IBM name: SMFT0BPN) Programmer's name

Secondary segment: SMF200_12_File_Transformation

Field Name	Type	Len	Description
<i>SMF200_12_File_Transformation.<fieldname></i>			
zSQ	INT	4	(IBM name: SMFT0CSQ) File sequence number
zOW	CHAR	8	(IBM name: SMFT0COW) Filename
zDS	CHAR	8	(IBM name: SMFT0CDS) Destination name
zCL	CHAR	1	(IBM name: SMFT0CCL) Output class
zFR	CHAR	8	(IBM name: SMFT0CFR) 8 character Form number
zFC	CHAR	4	(IBM name: SMFT0CFC) FCB name
zUS	CHAR	8	(IBM name: SMFT0CUS) User id
zAC	CHAR	10	(IBM name: SMFT0CAC) Account number
zTR	CHAR	10	(IBM name: SMFT0CTR) TRANSFRM= parameter options
zRC	INT	4	(IBM name: SMFT0CRC) Input Record Count
zPC	INT	4	(IBM name: SMFT0CPC) Input Page Count
zOC	INT	4	(IBM name: SMFT0COC) Output Page Count
zTU	INT	4	(IBM name: SMFT0CTU) Transformation CPU time in 1/100 seconds
zPL	INT	2	(IBM name: SMFT0CPL) Programmer's name length
zPN	CHAR	16	(IBM name: SMFT0CPN) Programmer's name

Record Type 208 - SYNCSORT

SMF Record 208 (SYNCSORT) is mapped by structure member "T208".

Primary Segment:

- [SMF208_SYNCSORT](#)

Secondary Segment(s): 5 (in alphabetical order)

- [SMF208_SYNCSORT_RSRV2](#)
- [SMF208_SYNCSORT_RSRV5](#)
- [SMF208_SYNCSORT_SORTWK_CHBG](#)
- [SMF208_SYNCSORT_SORTWK_Entry](#)
- [SMF208_SYNCSORT_WKEXTENTRY](#)

Primary segment: [SMF208_SYNCSORT](#)

Field Name	Type	Len	Description
<i>SMF208_SYNCSORT.<fieldname></i>			
<i>SMF208_SYNCSORT.Header.<fieldname></i>			
zFLG	HEX	1	(IBM name: SMF208FLG) System indicator: Bit Meaning when set 0-2 Reserved 3-6 Version indicators 7 Reserved.
zRTY	INT	1	(IBM name: SMF208RTY) Record type 208 (X'D0').
zTME	TSTMP	8	(IBM name: SMF208TME) Date/Time that the record was moved into the SMF buffer.
zSID	CHAR	4	(IBM name: SMF208SID) System identification (from the SID parameter).
<i>SMF208_SYNCSORT.<fieldname></i>			
zJOBNAME	CHAR	8	(IBM name: SMF208JBN) Job name.
zSTMN	CHAR	8	(IBM name: SMF208STMN) Step name of step invoking SORT.
zSTN	INT	2	(IBM name: SMF208STN) Step number.
zSTID	DATE	4	(IBM name: SMF208STID) SORT initiation date.
zSTIT	TIME	4	(IBM name: SMF208STIT) SORT initiation time.
zSTTT	TIME	4	(IBM name: SMF208STTT) SORT termination time.
zIPVSN	CHAR	6	(IBM name: SMF208IPVSN) SORTIN volume serial number.
zIPDSN	CHAR	44	(IBM name: SMF208IPDSN) SORTIN DSName.
zIPUCB	CHAR	2	(IBM name: SMF208IPUCB) SORTIN UCB type field.
zIPUAD	CHAR	3	(IBM name: SMF208IPUAD) SORTIN UNIT address.
zIPCAT	HEX	1	(IBM name: SMF208IPCAT) SORTIN Concatenation flag.
zIPLRC	INT	2	(IBM name: SMF208IPLRC) SORTIN LRECL.

zIPBLK	INT	2	(IBM name: SMF208IPBLK) SORTIN BLOCKSIZE - If set to X'FFFF', use zIPBLK instead.
zIPRCF	INT (ENUM)	1	(IBM name: SMF208IPRCF) SORTIN RECFM.
zSSTPF	CHAR	1	(IBM name: SMF208SSTPF) TPF level.
zSSTPS	CHAR	1	(IBM name: SMF208SSTPS) SUB TPF level.
zCHSSR	INT	1	(IBM name: SMF208CHSSR) SYNCSORT release number.
zOPVSN	CHAR	6	(IBM name: SMF208OPVSN) SORTOUT volume serial number.
zOPDSN	CHAR	44	(IBM name: SMF208OPDSN) SORTOUT DSName.
zOPUCB	CHAR	2	(IBM name: SMF208OPUCB) SORTOUT UCB type field.
zOPUAD	CHAR	3	(IBM name: SMF208OPUAD) SORTOUT UNIT address.

SMF208_SYNCSORT.zOPCAT.<fieldname>

zUSING	BIT	1	COBOL 'USING' detected.
zGVING	BIT	1	COBOL 'GIVING' detected.
zADACT	BIT	1	COBOL ADVANTAGE active.
zAPRST	BIT	1	COBOL ADVANTAGE present.
zCOBOL	BIT	1	COBOL INVOKER detected.

SMF208_SYNCSORT.<fieldname>

zOPLRC	INT	2	(IBM name: SMF208OPLRC) SORTOUT LRECL.
zOPBLK	INT	2	(IBM name: SMF208OPBLK) SORTOUT BLOCKSIZE - If X'FFFF', use zOPLBK instead.
zOPRCF	INT (ENUM)	1	(IBM name: SMF208OPRCF) COBOL advantage flags.
zWKNOA	INT	2	(IBM name: SMF208WKNOA) Number of SORTWK data sets allocated.
zWKTRK	INT	4	(IBM name: SMF208WKTRK) Number of SORTWK tracks allocated.
zWKNDV	INT	2	(IBM name: SMF208WKNDV) Number of SORTWK devices.
zWKDVT	INT (ENUM)	2	(IBM name: SMF208WKDVT) Device type of SORTWK data sets.
zWKLEN	INT	2	(IBM name: SMF208WKLEN) Length of SORTWK fields following this field, including this field.

Secondary segment: SMF208_SYNCSORT_SORTWK_Entry

Field Name	Type	Len	Description
SMF208_SYNCSORT_SORTWK_Entry.<fieldname>			
zWKDDN	CHAR	8	(IBM name: SMF208WKDDN) DDName of this SORTWK data set.
zWKVSN	CHAR	6	(IBM name: SMF208WKVSN) Volser of this SORTWK data set.

zWKUAD	CHAR	3	(IBM name: SMF208WKUAD) Unit address of this SORTWK dataset.
SMF208_SYNCSORT_SORTWK_Entry.<fieldname>			
zWKS99	BIT	1	Dynamically allocated data set.
zWKOLD	BIT	1	Unopened, DISP OLD data set.
zWKCAH	BIT	1	Cache FAST WRITE used.
zWKCOG	BIT	1	SORTWK contiguous space.
SMF208_SYNCSORT_SORTWK_Entry.<fieldname>			
zWKPTR	INT	2	(IBM name: SMF208WKPTR) Number of primary tracks allocated for this SORTWK data set. If X'FFFF' use full word value zWKEPR in the SORTWK information extension area.
zWKTRL	INT	2	(IBM name: SMF208WKTRL) Number of primary tracks released for this SORTWK data set. If X'FFFF' use full word value zWKERL in the SORTWK information extension area.
zWKTSC	INT	2	(IBM name: SMF208WKTSC) Number of secondary tracks obtained for this data set. If X'FFFF' use full word value zWKESC in the SORTWK information extension area.
zWKEXC	INT	4	(IBM name: SMF208WKEXC) EXCP count for this data set.
zWKUCB	CHAR	4	(IBM name: SMF208WKUCB) 4 digit UCB device number.

Secondary segment: **SMF208_SYNCSORT_SORTWK_CHBG**

Field Name	Type	Len	Description
SMF208_SYNCSORT_SORTWK_CHBG.<fieldname>			
zCHSIZ	INT	4	(IBM name: SMF208CHSIZ) Number of characters sorted. Set to 2147483647 if this number exceeded. (See zP8SIZ in SMF208_SYNCSORT_RSRV2).
zCHRIN	INT	4	(IBM name: SMF208CHRIN) Number of SORTIN/SORTINNN records. Set to 2147483647 if this number exceeded. (See zP8RIN in SMF208_SYNCSORT_RSRV2).
zCHROT	INT	4	(IBM name: SMF208CHROT) Number of sortout records or into OUTFIL processing. Set to 2147483647 if this number exceeded. (See zP8ROT in SMF208_SYNCSORT_RSRV2).
zCHINS	INT	4	(IBM name: SMF208CHINS) Number records inserted by exits. Set to 2147483647 if this number exceeded. (See zP8INS in SMF208_SYNCSORT_RSRV2).
zCHDEL	INT	4	(IBM name: SMF208CHDEL) Number of records deleted by exits INCLUDE/OMIT & SUM processing. Set to 2147483647 if this number exceeded. (See zP8DEL in SMF208_SYNCSORT_RSRV2).
zCHSZP	INT	4	(IBM name: SMF208CHSZP) SIZE parameter from SORT card.
zCHESI	HEX	1	(IBM name: SMF208CHESI) SIZE estimated indicator.
zCHLKI	HEX	1	(IBM name: SMF208CHLKI) Exit link needed indicator.
zCHXT1	HEX	2	(IBM name: SMF208CHXT1) Exit bit indicators.
zCHDB2	HEX	1	(IBM name: SMF208CHDB2) DB2 query input indicator.
zCHJON	HEX	1	

			(IBM name: SMF208CHJON) Join feature indicator.
zCHBAS	INT	2	(IBM name: SMF208CHBAS) Percent bias found in this sort.
zCHCRR	INT	4	(IBM name: SMF208CHCRR) Core requested for this sort.
zCHCRU	INT	4	(IBM name: SMF208CHCRU) Core used by this sort.
zCHPRR	INT	4	(IBM name: SMF208CHPRR) Number of records that fit into record storage area during sort.
zCHIBK	INT	2	(IBM name: SMF208CHIBK) Intermediate storage blocksize.
zCHVML	INT	2	(IBM name: SMF208CHVML) Variable length record modal size.
zCHFLR	INT	2	(IBM name: SMF208CHFLR) Fixed length record LRECL.
zCHIMO	INT	2	(IBM name: SMF208CHIMO) Intermediate merge order.
zCHFMO	INT	2	(IBM name: SMF208CHFMO) Final merge order.
zCHSTR	INT	2	(IBM name: SMF208CHSTR) String count.
zCHNMX	INT	4	(IBM name: SMF208CHNMX) Nmax.
zCHCTM	TIME	4	(IBM name: SMF208CHCTM) CPU time.
zCHCAL	HEX	2	(IBM name: SMF208CHCAL) Invoked by indicator.
zCHOPT	CHAR	2	(IBM name: SMF208CHOPT) Optimization mode used.
zCHERR	CHAR	3	(IBM name: SMF208CHERR) EBCDIC error number.
zCHRLS	CHAR	5	(IBM name: SMF208CHRLS) Release number and base TPF level of SYNCSORT (5th byte is R if sort is reentrant).
zCHSM	INT (ENUM)	1	(IBM name: SMF208CHSM) Sort or merge indicator
zCHOPS	CHAR	3	(IBM name: SMF208CHOPS) Operating system flags (CVT+16).
zCHOU	INT (ENUM)	1	(IBM name: SMF208CHOU) Over/under allocation indicator
zCHALF	CHAR	3	(IBM name: SMF208CHALF) EBCDIC of allocation factor.
zCHCPU	HEX	2	(IBM name: SMF208CHCPU) Packed CPU model number without sign.
zCHORS	DEC	2 (2,0)	(IBM name: SMF208CHORS) Packed operating system release number with sign.
zCHXT2	HEX	2	(IBM name: SMF208CHXT2) Exit bit indicators.
zCHFUT	HEX	2	(IBM name: SMF208CHFUT) Reserved for SYNCSORT internal use.
zSOSOP	INT	4	(IBM name: SMF208SOSOP) SORTOUT primary tracks.
zSOSOS	INT	4	(IBM name: SMF208SOSOS) SORTOUT secondary tracks.
zSAS		1	

	INT (ENUM)		(IBM name: SMF208SAS) SAS/SORT indicator.
zSOSOA	DEC	3 (5,0)	(IBM name: SMF208SOSOA) SORTOUT allocation factor (2 implied decimals).
zSISIF	INT	4	(IBM name: SMF208SISIF) SORTIN size (bytes) for fixed length. record count for variable length. set to 2147483647 if this number exceeded.
zSOSOF	INT	4	(IBM name: SMF208SOSOF) SORTOUT size (bytes) for fixed length. record count for variable length. set to 2147483647 if this number exceeded.
zCHINC	INT (ENUM)	1	(IBM name: SMF208CHINC) Incore sort flag.

SMF208_SYNCSORT_SORTWK_CHBG.zWKWDM.<fieldname>

zMiXDEV	BIT	1	Mixed devices.
---------	-----	---	----------------

SMF208_SYNCSORT_SORTWK_CHBG.<fieldname>

zWKWDB	INT (ENUM)	2	(IBM name: SMF208WKWDB) SORTWK secondary device type.
zCHSKL	INT	2	(IBM name: SMF208CHSKL) Sort key length.
zCHSKN	INT	2	(IBM name: SMF208CHSKN) Number of sort keys.
zCHSRB	TIME	4	(IBM name: SMF208CHSRB) Supervisor CPU time (0.01 second units).
zCHSEG	INT	2	(IBM name: SMF208CHSEG) Sort segment length.
zEXTLN	INT	1	(IBM name: SMF208EXTLN) Number of exit list entries following this field.
zEXLST	CHAR	3	(IBM name: SMF208EXLST) Exit List Entry.

Secondary segment: SMF208_SYNCSORT_RSRV2

Field Name	Type	Len	Description
SMF208_SYNCSORT_RSRV2.<fieldname>			

SMF208_SYNCSORT_RSRV2.zEQULS.<fieldname>

zSOTRP	BIT	1	SORTOUT data striping.
zSITRP	BIT	1	SORTIN data striping.
zBPSI	BIT	1	BATCHPIPES/MVS Dataset SORTIN.
zBPDS	BIT	1	BATCHPIPES/MVS Dataset present.
zEQUON	BIT	1	EQUALS ON.

SMF208_SYNCSORT_RSRV2.zCMP.<fieldname>

zCMPPD	BIT	1	CMP CPD ON.
--------	-----	---	-------------

SMF208_SYNCSORT_RSRV2.zCOPYF.<fieldname>

zCOPY	BIT	1	SORT FIELDS COPY.
-------	-----	---	-------------------

SMF208_SYNCSORT_RSRV2.zGENER.<fieldname>

zGNERF	BIT	1	SYNCGENER invoked.
--------	-----	---	--------------------

SMF208_SYNCSORT_RSRV2.zFTURE.<fieldname>			
zINCOM	BIT	1	INCLUDE/OMIT.
zOUTRC	BIT	1	OUTREC.
zINREC	BIT	1	INREC.
zSUM	BIT	1	SUM / DUPKEYS SUM.
zOUTFL	BIT	1	OUTFIL.
zNONE	BIT	1	SUM/DUPKEYS FIELDS NONE.
zXSUM	BIT	1	SUM XSUM / DUPKEYS XDUP.
zCONV	BIT	1	CONVERT FEATURE OF OUTREC.

SMF208_SYNCSORT_RSRV2.zSIIO.<fieldname>			
zSIVSAM	BIT	1	SORTIN access method is VSAM.
zSIBSAM	BIT	1	SORTIN access method is BSAM.
zSIQSAM	BIT	1	SORTIN access method is QSAM.
zSIEXCP	BIT	1	SORTIN access method is EXCP.
zSIPARA	BIT	1	PARASORT used.

SMF208_SYNCSORT_RSRV2.zSOIO.<fieldname>			
zSOVSAM	BIT	1	SORTOUT access method is VSAM.
zSOBSAM	BIT	1	SORTOUT access method is BSAM.
zSOQSAM	BIT	1	SORTOUT access method is QSAM.
zSOEXCP	BIT	1	SORTOUT access method is EXCP.
zSOFIL	BIT	1	OUTFIL.

SMF208_SYNCSORT_RSRV2.<fieldname>			
zMPGFX	HEX	1	(IBM name: SMF208MPGFX) Merge flag.

SMF208_SYNCSORT_RSRV2.zRETRY.<fieldname>			
zRTYED	BIT	1	Sort will be retried.
zRTYPG	BIT	1	This is a retried sort.

SMF208_SYNCSORT_RSRV2.zFLAG3.<fieldname>			
zDYNSW	BIT	1	DYNALLOC enabled for SORTWK.
zPIPE	BIT	1	Attached from PIPESORT.
zF3DUP	BIT	1	DUPKEYS statement.
zF3O2I	BIT	1	OUTREC Statement converted to INREC.

SMF208_SYNCSORT_RSRV2.<fieldname>			
zINVNM	CHAR	8	(IBM name: SMF208INVNM) Invoking program name.
zSICPC	INT	4	(IBM name: SMF208SICPC) SORTIN EXCP count.
zSOCPC	INT	4	(IBM name: SMF208SOCPC) SORTOUT EXCP count.
zVSCOR	INT	4	(IBM name: SMF208VSCOR) VSCORE value.
zVSCRT	INT	4	

			(IBM name: SMF208VSCRT) VSCORET value.
zCAVLT	INT	4	(IBM name: SMF208CAVLT) Total virtual storage available.
zCAVLA	INT	4	(IBM name: SMF208CAVLA) Storage available above 16MB.
zCUSET	INT	4	(IBM name: SMF208CUSET) Total virtual storage used.
zCUSEA	INT	4	(IBM name: SMF208CUSEA) Storage used above 16MB.
zCREQT	INT	4	(IBM name: SMF208CREQT) Virtual storage requested. If > 0 this is the value requested. If = 0 then 'MAX' requested. If < 0 then 'MAX-VALUE' requested.
zCOBFG	CHAR	1	(IBM name: SMF208COBFG) COBOL status flag.
zCOBNG	CHAR	1	(IBM name: SMF208COBNG) COBOL NOGO reason flag.
zCOBNM	CHAR	8	(IBM name: SMF208COBNM) COBOL program name.
zCOBRR	CHAR	10	(IBM name: SMF208COBRR) COBOL version and release number.
zSRTIN	CHAR	4	(IBM name: SMF208SRTIN) SORTIN 4 digit device number.
zSRTOU	CHAR	4	(IBM name: SMF208SRTOU) SORTOUT 4 digit device number.
zRL2	INT	2	(IBM name: SMF208RL2) Record length after INREC.
zRL3	INT	2	(IBM name: SMF208RL3) Record length after OUTREC.
zJSWK	INT	4	(IBM name: SMF208JSWK) Number of JCL allocated SORTWKS.
zDSWK	INT	4	(IBM name: SMF208DSWK) Number of dynamically allocated SORTWKS.
zRST	TSTMP	8	(IBM name: SMF208RST) Date and time that reader recognized job card. Time in 1/100's second, date in 00yydddf.
zP8SIZ	DEC	8 (15,0)	(IBM name: SMF208P8SIZ) Number of characters sorted.
zP8RIN	DEC	8 (15,0)	(IBM name: SMF208P8RIN) Number of SORTIN/SORTINnn records.
zP8ROT	DEC	8 (15,0)	(IBM name: SMF208P8ROT) Number of SORTOUT records or record into OUTFIL processing.
zP8INS	DEC	8 (15,0)	(IBM name: SMF208P8INS) Number of records inserted by exits.
zP8DEL	DEC	8 (15,0)	(IBM name: SMF208P8DEL) Number of records deleted by exits INCLUDE/OMIT and SUM processing.
zIPLBK	INT	4	(IBM name: SMF208IPLBK) SORTIN block size.
zOPLBK	INT	4	(IBM name: SMF208OPLBK) SORTOUT block size.
zOPSYS	CHAR	16	(IBM name: SMF208OPSYS) Operating system, product name.
zOPV	CHAR	2	(IBM name: N/A) Operating system, product version.
zOPR	CHAR	2	(IBM name: N/A) Operating system, product release.

zOPM	CHAR	2	(IBM name: N/A) Operating system, product mod level.
zWKEXL	INT	2	(IBM name: SMF208WKEXL) Total length of SORTWK Extension Area including this field.

Secondary segment: SMF208_SYNCSORT_WKEXTENTRY

Field Name	Type	Len	Description
<i>SMF208_SYNCSORT_WKEXTENTRY.<fieldname></i>			
zWKPTR	INT	4	(IBM name: SMF208WKPTR) Number of primary tracks allocated for this SORTWK data set. (Full word equivalent of zWKPTR value.)
zWKTRL	INT	4	(IBM name: SMF208WKTRL) Number of primary tracks released for this SORTWK data set. (Full word equivalent of zWKTRL value.)
zWKTSC	INT	4	(IBM name: SMF208WKTSC) Number of secondary tracks obtained for this data set. (Full word equivalent of zWKTSC value.)

Secondary segment: SMF208_SYNCSORT_RSRV5

Field Name	Type	Len	Description
<i>SMF208_SYNCSORT_RSRV5.<fieldname></i>			
zLEN	INT	2	(IBM name: SMF208LEN) SYNCSORT internal use data length.
zRSRV5	XVCHAR	0 198	(IBM name: SMF208RSRV5) SYNCSORT internal use data.

Appendix C: ENUM Values

SMF record field mappings often include values codes that correspond to a specific meaning. e.g. A value X'40' in data set record format fields indicates variable unblocked (RECFM=V).

SELCOPYi SMF record mapping structures include ENUM (enumerations) that provide a meaningful name (or phrase) for each value code in these types of fields.

SELCOPYi SMF Browse and Report utilities will use the ENUM name in place of the value when the field is selected for display. Similarly, the ENUM name may be specified instead of the value when searching for a record within a browse display or when applying a filter on the input records. In the following SMF Report definition example, only SMF type 14 records corresponding to RECFM=FB data sets will be selected:

```
FILTER:
  SMF014_INPUT_or_RDBACK_Dataset.RECFM = 'FB'
```

This is equivalent to:

```
FILTER:
  SMF014_INPUT_or_RDBACK_Dataset.RECFM = x'90'
```

When browsing SMF records which contain an ENUM field, the complete list of ENUM names and corresponding values for that field may be displayed by positioning the cursor on the field entry and pressing <F1> (HELP) twice. The meaning of the each ENUM name are displayed the first time help is executed, the ENUM name to value assignments are displayed on the second execution.

The following details all SELCOPYi ENUM evaluations for SMF record fields.

SMF 2 ENUM: zGHASHMETHe

Field Name	SMF Record	Segment Name
zGHASHMETHe	2	SMF002_01_Sig_Group

Display Text	Value	Hex Value
SHA1	8	X'0000,0008'
SHA256	4	X'0000,0004'
SHA384	2	X'0000,0002'
SHA512	1	X'0000,0001'

SMF 2 ENUM: zGSIGTYPEe

Field Name	SMF Record	Segment Name
zGSIGTYPEe	2	SMF002_01_Sig_Group

Display Text	Value	Hex Value
ECDSA	1	X'0000,0001'
RSA	2	X'0000,0002'

SMF 2 ENUM: zHASHMETHe

Field Name	SMF Record	Segment Name
zHASHMETHe	2	SMF002_02_Sig_Interval

Display Text	Value	Hex Value
SHA1	8	X'0000,0008'
SHA256	4	X'0000,0004'
SHA384	2	X'0000,0002'
SHA512	1	X'0000,0001'

SMF 2 ENUM: zISIGTYPEe

Field Name	SMF Record	Segment Name
zISIGTYPEe	2	SMF002_02_Sig_Interval

Display Text	Value	Hex Value
ECDSA	1	X'0000,0001'
RSA	2	X'0000,0002'

SMF 6 ENUM: zFTL

Field Name	SMF Record	Segment Name
zFTL	6	SMF006_IP_PrintWay_File_Transfer

Display Text	Value	Hex Value
Basic	0	X'0000,0000'
XInf	3	X'0000,0003'
XNoInf	1	X'0000,0001'

SMF 9 ENUM: zVPC

Field Name	SMF Record	Segment Name
zVPC	9	SMF009_Device

Display Text	Value	Hex Value
Enterprise Systems Connection Manager Program Product (5688-008)	3	X'0000,0003'
Operator	0	X'0000,0000'

SMF 11 ENUM: zVPC

Field Name	SMF Record	Segment Name
zVPC	11	SMF011_Device

Display Text	Value	Hex Value
Enterprise Systems Connection Manager Program Product (5688-008)	3	X'0000,0003'
Operator	0	X'0000,0000'

SMF 14 ENUM: Compaction

Field Name	SMF Record	Segment Name
Compaction	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
IDRC	2	X'0000,0002'
Not used	1	X'0000,0001'
Unknown	0	X'0000,0000'
YES	2	X'0000,0002'

SMF 14 ENUM: DEN

Field Name	SMF Record	Segment Name
DEN	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
0-200 BPI (7-Trk)	3	X'0000,0003'
1-556 BPI (7-Trk)	67	X'0000,0043'
2-800 BPI (7-Trk & 9-Trk)	131	X'0000,0083'
3-1600 BPI (9-Trk)	195	X'0000,00C3'
4-6250 BPI (9-Trk)	211	X'0000,00D3'

SMF 14 ENUM: DSRG1

Field Name	SMF Record	Segment Name
DSRG1	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
..U	1	X'0000,0001'
CX	16	X'0000,0010'
DA	32	X'0000,0020'
DAU	33	X'0000,0021'
IS	128	X'0000,0080'
ISU	129	X'0000,0081'
N/A	0	X'0000,0000'
PO	2	X'0000,0002'
POU	3	X'0000,0003'
PS	64	X'0000,0040'
PSU	65	X'0000,0041'

SMF 14 ENUM: DSRG2

Field Name	SMF Record	Segment Name
DSRG2	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
GS	128	X'0000,0080'
LinGrp	64	X'0000,0040'
MsgQ	32	X'0000,0020'
N/A	0	X'0000,0000'
Resv1	16	X'0000,0010'
Resv2	2	X'0000,0002'
Resv3	1	X'0000,0001'
VSAM	8	X'0000,0008'
3705	4	X'0000,0004'

SMF 14 ENUM: Disp

Field Name	SMF Record	Segment Name
Disp	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
???	0	X'0000,0000'
MOD	2	X'0000,0002'
NEW	3	X'0000,0003'
OLD	1	X'0000,0001'

SMF 14 ENUM: EROPT

Field Name	SMF Record	Segment Name
EROPT	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
ABE - ABNORMAL END OF TASK	32	X'0000,0020'
ACC - ACCEPT	128	X'0000,0080'
N/A	0	X'0000,0000'
SKP - SKIP	64	X'0000,0040'
T - ON-LINE TERMINAL TEST (BTAM)	16	X'0000,0010'

SMF 14 ENUM: IND1

Field Name	SMF Record	Segment Name
IND1	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
DATA SET HAS BEEN LOCATED	48	X'0000,0030'
DATA SET IS A MEMBER OF A GDG	2	X'0000,0002'
DATA SET IS A MEMBER OF A PDS	1	X'0000,0001'
N/A	0	X'0000,0000'
NEW VOLUME HAS BEEN ADDED	12	X'0000,000C'
RELEASE EXTERNAL STORAGE	192	X'0000,00C0'

SMF 14 ENUM: LabelType

Field Name	SMF Record	Segment Name
LabelType	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
AL - ISO/ANSI (v1) ISO/ANSI/FIPS (v3)	64	X'0000,0040'
AUL - User labels	72	X'0000,0048'
BLP - BYPASS LABEL PROCESSING	16	X'0000,0010'
DATASET SEQUENCE NUMBER	128	X'0000,0080'
LTM - LEADING TAPE MARK	32	X'0000,0020'
NL - NO LABEL	1	X'0000,0001'
NSL - NONSTANDARD LABEL	4	X'0000,0004'
SL - STANDARD LABEL	2	X'0000,0002'
SUL - STANDARD and USER LABELs	10	X'0000,000A'

SMF 14 ENUM: MODE

Field Name	SMF Record	Segment Name
MODE	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
C - Card Image (COL BIN)	128	X'0000,0080'
E - EBCDIC	64	X'0000,0040'
N/A	0	X'0000,0000'
O - OPT MARK READ (3505)	32	X'0000,0020'
R - READ COL ELIM	16	X'0000,0010'

SMF 14 ENUM: Media

Field Name	SMF Record	Segment Name
Media	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
Cartridge System Tape	1	X'0000,0001'
Enhanced Capacity Cartridge System Tape	2	X'0000,0002'
Enterprise Cartridge Tape	5	X'0000,0005'
Enterprise Economy Cartridge Tape	7	X'0000,0007'
Enterprise Economy WORM Cartridge Tape	8	X'0000,0008'
Enterprise Extended Cartridge Tape	9	X'0000,0009'
Enterprise Extended WORM Cartridge Tape	10	X'0000,000A'
Enterprise WORM Cartridge Tape	6	X'0000,0006'
Media type unknown	0	X'0000,0000'
Reserved	4	X'0000,0004'
1/2 inch / 320 meter particle media	3	X'0000,0003'

SMF 14 ENUM: PRTSP

Field Name	SMF Record	Segment Name
PRTSP	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
0-Lin	1	X'0000,0001'
1-Lin	9	X'0000,0009'
2-Lin	17	X'0000,0011'
3-Lin	25	X'0000,0019'

SMF 14 ENUM: RECFM

Field Name	SMF Record	Segment Name
RECFM	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'
VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'

VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 14 ENUM: Security

Field Name	SMF Record	Segment Name
Security	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
-	0	X'0000,0000'
???	2	X'0000,0002'
PASS REQ FOR READ/WRITE	1	X'0000,0001'
PASS REQ FOR WRITE ONLY	3	X'0000,0003'

SMF 14 ENUM: Shr

Field Name	SMF Record	Segment Name
Shr	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
	0	X'0000,0000'
SHR	1	X'0000,0001'

SMF 14 ENUM: SpaceReq1

Field Name	SMF Record	Segment Name
SpaceReq1	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
-	0	X'0000,0000'
ALX	1	X'0000,0001'
CONTIG	4	X'0000,0004'
MXIG	2	X'0000,0002'

SMF 14 ENUM: SpaceReq2

Field Name	SMF Record	Segment Name
SpaceReq2	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
ABSTR	0	X'0000,0000'
ROUND	1	X'0000,0001'

SMF 14 ENUM: SpaceTyp

Field Name	SMF Record	Segment Name
SpaceTyp	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
???	0	X'0000,0000'
BLK	1	X'0000,0001'
CYL	3	X'0000,0003'
TRK	2	X'0000,0002'

SMF 14 ENUM: SpecialAttr

Field Name	SMF Record	Segment Name
SpecialAttr	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
None	0	X'0000,0000'
Read compatibility	1	X'0000,0001'

SMF 14 ENUM: TRTCH

Field Name	SMF Record	Segment Name
TRTCH	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
C - DATA CONVERSION (7-Trk)	19	X'0000,0013'
COMP - ENHANCED 3480 DATA REC	8	X'0000,0008'
E - EVEN PARITY (7-Trk)	35	X'0000,0023'
ET - EVEN PAR & TRANSLAT (7-Trk)	43	X'0000,002B'
N/A	0	X'0000,0000'
NOCOMP - ENHANCED 3480 DATA REC	4	X'0000,0004'
T - EOD/EBCDIC TRANSLAT (7-Trk)	59	X'0000,003B'
TBD - RESVD FUTURE DEV1	66	X'0000,0042'
TBD - RESVD FUTURE DEV2	130	X'0000,0082'
TBD - RESVD FUTURE DEV3	194	X'0000,00C2'

SMF 14 ENUM: TrackRecordingTechnique

Field Name	SMF Record	Segment Name
TrackRecordingTechnique	14	SMF014_INPUT_or_RDBACK_Dataset

Display Text	Value	Hex Value
Enterprise Encryption Format 2	8	X'0000,0008'
Enterprise Encryption Format 3	10	X'0000,000A'
Enterprise Format 1	6	X'0000,0006'
Enterprise Format 2	7	X'0000,0007'
Enterprise Format 3	9	X'0000,0009'
Recording tech Unknown	0	X'0000,0000'
128 track	3	X'0000,0003'
18 track	1	X'0000,0001'
256 track	4	X'0000,0004'
36 track	2	X'0000,0002'
384 track	5	X'0000,0005'

SMF 15 ENUM: Compaction

Field Name	SMF Record	Segment Name
Compaction	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
IDRC	2	X'0000,0002'
Not used	1	X'0000,0001'
Unknown	0	X'0000,0000'
YES	2	X'0000,0002'

SMF 15 ENUM: DEN

Field Name	SMF Record	Segment Name
DEN	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
0-200 BPI (7-Trk)	3	X'0000,0003'
1-556 BPI (7-Trk)	67	X'0000,0043'
2-800 BPI (7-Trk & 9-Trk)	131	X'0000,0083'
3-1600 BPI (9-Trk)	195	X'0000,00C3'
4-6250 BPI (9-Trk)	211	X'0000,00D3'

SMF 15 ENUM: DSRG1

Field Name	SMF Record	Segment Name
DSRG1	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
..U	1	X'0000,0001'
CX	16	X'0000,0010'
DA	32	X'0000,0020'
DAU	33	X'0000,0021'
IS	128	X'0000,0080'
ISU	129	X'0000,0081'
N/A	0	X'0000,0000'
PO	2	X'0000,0002'
POU	3	X'0000,0003'
PS	64	X'0000,0040'
PSU	65	X'0000,0041'

SMF 15 ENUM: DSRG2

Field Name	SMF Record	Segment Name
DSRG2	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
GS	128	X'0000,0080'
LinGrp	64	X'0000,0040'
MsgQ	32	X'0000,0020'
N/A	0	X'0000,0000'
Resv1	16	X'0000,0010'
Resv2	2	X'0000,0002'
Resv3	1	X'0000,0001'
VSAM	8	X'0000,0008'
3705	4	X'0000,0004'

SMF 15 ENUM: Disp

Field Name	SMF Record	Segment Name
Disp	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
???	0	X'0000,0000'
MOD	2	X'0000,0002'
NEW	3	X'0000,0003'
OLD	1	X'0000,0001'

SMF 15 ENUM: EROPT

Field Name	SMF Record	Segment Name
EROPT	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
ABE - ABNORMAL END OF TASK	32	X'0000,0020'
ACC - ACCEPT	128	X'0000,0080'
N/A	0	X'0000,0000'
SKP - SKIP	64	X'0000,0040'
T - ON-LINE TERMINAL TEST (BTAM)	16	X'0000,0010'

SMF 15 ENUM: IND1

Field Name	SMF Record	Segment Name
IND1	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
DATA SET HAS BEEN LOCATED	48	X'0000,0030'
DATA SET IS A MEMBER OF A GDG	2	X'0000,0002'
DATA SET IS A MEMBER OF A PDS	1	X'0000,0001'
N/A	0	X'0000,0000'
NEW VOLUME HAS BEEN ADDED	12	X'0000,000C'
RELEASE EXTERNAL STORAGE	192	X'0000,00C0'

SMF 15 ENUM: LabelType

Field Name	SMF Record	Segment Name
LabelType	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
AL - ISO/ANSI (v1) ISO/ANSI/FIPS (v3)	64	X'0000,0040'
AUL - User labels	72	X'0000,0048'
BLP - BYPASS LABEL PROCESSING	16	X'0000,0010'
DATASET SEQUENCE NUMBER	128	X'0000,0080'
LTM - LEADING TAPE MARK	32	X'0000,0020'
NL - NO LABEL	1	X'0000,0001'
NSL - NONSTANDARD LABEL	4	X'0000,0004'
SL - STANDARD LABEL	2	X'0000,0002'
SUL - STANDARD and USER LABELs	10	X'0000,000A'

SMF 15 ENUM: MODE

Field Name	SMF Record	Segment Name
MODE	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
C - Card Image (COL BIN)	128	X'0000,0080'
E - EBCDIC	64	X'0000,0040'
N/A	0	X'0000,0000'
O - OPT MARK READ (3505)	32	X'0000,0020'
R - READ COL ELIM	16	X'0000,0010'

SMF 15 ENUM: Media

Field Name	SMF Record	Segment Name
Media	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
Cartridge System Tape	1	X'0000,0001'
Enhanced Capacity Cartridge System Tape	2	X'0000,0002'
Enterprise Cartridge Tape	5	X'0000,0005'
Enterprise Economy Cartridge Tape	7	X'0000,0007'
Enterprise Economy WORM Cartridge Tape	8	X'0000,0008'
Enterprise Extended Cartridge Tape	9	X'0000,0009'
Enterprise Extended WORM Cartridge Tape	10	X'0000,000A'
Enterprise WORM Cartridge Tape	6	X'0000,0006'
Media type unknown	0	X'0000,0000'
Reserved	4	X'0000,0004'
1/2 inch / 320 meter particle media	3	X'0000,0003'

SMF 15 ENUM: PRTSP

Field Name	SMF Record	Segment Name
PRTSP	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
0-Lin	1	X'0000,0001'
1-Lin	9	X'0000,0009'
2-Lin	17	X'0000,0011'
3-Lin	25	X'0000,0019'

SMF 15 ENUM: RECFM

Field Name	SMF Record	Segment Name
RECFM	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'
VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'

VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 15 ENUM: Security

Field Name	SMF Record	Segment Name
Security	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
-	0	X'0000,0000'
???	2	X'0000,0002'
PASS REQ FOR READ/WRITE	1	X'0000,0001'
PASS REQ FOR WRITE ONLY	3	X'0000,0003'

SMF 15 ENUM: Shr

Field Name	SMF Record	Segment Name
Shr	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
	0	X'0000,0000'
SHR	1	X'0000,0001'

SMF 15 ENUM: SpaceReq1

Field Name	SMF Record	Segment Name
SpaceReq1	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
-	0	X'0000,0000'
ALX	1	X'0000,0001'
CONTIG	4	X'0000,0004'
MXIG	2	X'0000,0002'

SMF 15 ENUM: SpaceReq2

Field Name	SMF Record	Segment Name
SpaceReq2	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
ABSTR	0	X'0000,0000'
ROUND	1	X'0000,0001'

SMF 15 ENUM: SpaceTyp

Field Name	SMF Record	Segment Name
SpaceTyp	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
???	0	X'0000,0000'
BLK	1	X'0000,0001'
CYL	3	X'0000,0003'
TRK	2	X'0000,0002'

SMF 15 ENUM: SpecialAttr

Field Name	SMF Record	Segment Name
SpecialAttr	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
None	0	X'0000,0000'
Read compatibility	1	X'0000,0001'

SMF 15 ENUM: TRTCH

Field Name	SMF Record	Segment Name
TRTCH	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
C - DATA CONVERSION (7-Trk)	19	X'0000,0013'
COMP - ENHANCED 3480 DATA REC	8	X'0000,0008'
E - EVEN PARITY (7-Trk)	35	X'0000,0023'
ET - EVEN PAR & TRANSLAT (7-Trk)	43	X'0000,002B'
N/A	0	X'0000,0000'
NOCOMP - ENHANCED 3480 DATA REC	4	X'0000,0004'
T - EOD/EBCDIC TRANSLAT (7-Trk)	59	X'0000,003B'
TBD - RESVD FUTURE DEV1	66	X'0000,0042'
TBD - RESVD FUTURE DEV2	130	X'0000,0082'
TBD - RESVD FUTURE DEV3	194	X'0000,00C2'

SMF 15 ENUM: TrackRecordingTechnique

Field Name	SMF Record	Segment Name
TrackRecordingTechnique	15	SMF015_OUTPUT_UPDAT_INOUT_or_OUTIN

Display Text	Value	Hex Value
Enterprise Encryption Format 2	8	X'0000,0008'
Enterprise Encryption Format 3	10	X'0000,000A'
Enterprise Format 1	6	X'0000,0006'
Enterprise Format 2	7	X'0000,0007'
Enterprise Format 3	9	X'0000,0009'
Recording tech Unknown	0	X'0000,0000'
128 track	3	X'0000,0003'
18 track	1	X'0000,0001'
256 track	4	X'0000,0004'
36 track	2	X'0000,0002'
384 track	5	X'0000,0005'

SMF 16 ENUM: zRFMT

Field Name	SMF Record	Segment Name
zRFMT	16	SMF016_Data_Section

Display Text	Value	Hex Value
F	0	X'0000,0000'
V	1	X'0000,0001'
VS	2	X'0000,0002'

SMF 16 ENUM: zSFSZFL

Field Name	SMF Record	Segment Name
zSFSZFL	16	SMF016_Data_Section

Display Text	Value	Hex Value
n	8	X'0000,0008'
En	4	X'0000,0004'
N/A	1	X'0000,0001'
Un	2	X'0000,0002'

SMF 16 ENUM: zSIAM

Field Name	SMF Record	Segment Name
zSIAM	16	SMF016_Data_Section

Display Text	Value	Hex Value
BSAM	1	X'0000,0001'
EXCP	4	X'0000,0004'
VSAM	2	X'0000,0002'

SMF 16 ENUM: zSOAM

Field Name	SMF Record	Segment Name
zSOAM	16	SMF016_Data_Section

Display Text	Value	Hex Value
BSAM	1	X'0000,0001'
EXCP	4	X'0000,0004'
VSAM	2	X'0000,0002'

SMF 16 ENUM: zTECH

Field Name	SMF Record	Segment Name
zTECH	16	SMF016_Data_Section

Display Text	Value	Hex Value
BLCK	0	X'0000,0000'
CONV	3	X'0000,0003'
PEER	1	X'0000,0001'
VALE	2	X'0000,0002'

SMF 16 ENUM: zTUNE

Field Name	SMF Record	Segment Name
zTUNE	16	SMF016_Data_Section

Display Text	Value	Hex Value
DDYN	209	X'0000,00D1'
DISK	196	X'0000,00C4'
OLD	214	X'0000,00D6'
STOR	226	X'0000,00E2'

SMF 16 ENUM: zOFAM

Field Name	SMF Record	Segment Name
zOFAM	16	SMF016_OUTFIL_Dataset

Display Text	Value	Hex Value
BSAM	1	X'0000,0001'
EXCP	4	X'0000,0004'
VSAM	2	X'0000,0002'

SMF 16 ENUM: zOFDEV

Field Name	SMF Record	Segment Name
zOFDEV	16	SMF016_OUTFIL_Dataset

Display Text	Value	Hex Value
DISK	2	X'0000,0002'
OTHER	1	X'0000,0001'
TAPE	4	X'0000,0004'

SMF 16 ENUM: zOFRCF

Field Name	SMF Record	Segment Name
zOFRCF	16	SMF016_OUTFIL_Dataset

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'

VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'
VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 16 ENUM: zINAM

Field Name	SMF Record	Segment Name
zINAM	16	SMF016_SORTIN_Dataset

Display Text	Value	Hex Value
BSAM	1	X'0000,0001'
EXCP	4	X'0000,0004'
VSAM	2	X'0000,0002'

SMF 16 ENUM: zINDD

Field Name	SMF Record	Segment Name
zINDD	16	SMF016_SORTIN_Dataset

Display Text	Value	Hex Value
	0	X'0000,0000'
SORTIN	2	X'0000,0002'
SORTINnn	1	X'0000,0001'

SMF 16 ENUM: zINDEV

Field Name	SMF Record	Segment Name
zINDEV	16	SMF016_SORTIN_Dataset

Display Text	Value	Hex Value
DISK	2	X'0000,0002'
OTHER	1	X'0000,0001'
TAPE	4	X'0000,0004'

SMF 16 ENUM: zINRCF

Field Name	SMF Record	Segment Name
zINRCF	16	SMF016_SORTIN_Dataset

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'

VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'
VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 16 ENUM: zOTAM

Field Name	SMF Record	Segment Name
zOTAM	16	SMF016_SORTOUT_Dataset

Display Text	Value	Hex Value
BSAM	1	X'0000,0001'
EXCP	4	X'0000,0004'
VSAM	2	X'0000,0002'

SMF 16 ENUM: zOTDEV

Field Name	SMF Record	Segment Name
zOTDEV	16	SMF016_SORTOUT_Dataset

Display Text	Value	Hex Value
DISK	2	X'0000,0002'
OTHER	1	X'0000,0001'
TAPE	4	X'0000,0004'

SMF 16 ENUM: zOTRCF

Field Name	SMF Record	Segment Name
zOTRCF	16	SMF016_SORTOUT_Dataset

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'
VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'

VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 21 ENUM: zTapeStyle

Field Name	SMF Record	Segment Name
zTapeStyle	21	SMF021_Tape_Error

Display Text	Value	Hex Value
Cartridge	1	X'0000,0001'
Reel Tape	0	X'0000,0000'

SMF 22 ENUM: zIND

Field Name	SMF Record	Segment Name
zIND	22	SMF022_Configuration

Display Text	Value	Hex Value
-continuation record-	99	X'0000,0063'
ACTIVATE	9	X'0000,0009'
IPL	1	X'0000,0001'
VARY CHANNEL PATH ON/OFFLINE	7	X'0000,0007'
VARY OFFLINE	3	X'0000,0003'
VARY ONLINE	2	X'0000,0002'
3990 STATE Change	8	X'0000,0008'

SMF 22 ENUM: zETY

Field Name	SMF Record	Segment Name
zETY	22	SMF022_IO_Config_Change

Display Text	Value	Hex Value
Channel path ID (CHPID) entry	3	X'0000,0003'
Control unit entry	2	X'0000,0002'
Coupling facility control unit	5	X'0000,0005'
Coupling facility device entry	4	X'0000,0004'
Device entry	1	X'0000,0001'
Logical partition entry	6	X'0000,0006'
PCIe function	9	X'0000,0009'

SMF 22 ENUM: zDuplexPair

Field Name	SMF Record	Segment Name
zDuplexPair	22	SMF022_Storage_Control

Display Text	Value	Hex Value
Available	0	X'0000,0000'
Available	0	X'0000,0000'
Failed duplex, originally not on primary	3	X'0000,0003'
Failed duplex, originally not on primary	3	X'0000,0003'
Failed duplex, originally on primary	2	X'0000,0002'
Failed duplex, originally on primary	2	X'0000,0002'
Pending	1	X'0000,0001'
Pending	1	X'0000,0001'

SMF 22 ENUM: zFastWrite

Field Name	SMF Record	Segment Name
zFastWrite	22	SMF022_Storage_Control

Display Text	Value	Hex Value
Allowed	0	X'0000,0000'
Allowed	0	X'0000,0000'
Deactivated	3	X'0000,0003'
Deactivated	3	X'0000,0003'
Deactivation pending	2	X'0000,0002'
Deactivation pending	2	X'0000,0002'

SMF 22 ENUM: zPPRC1

Field Name	SMF Record	Segment Name
zPPRC1	22	SMF022_Storage_Control

Display Text	Value	Hex Value
PPRC pair available	0	X'0000,0000'
PPRC pair available	0	X'0000,0000'
PPRC pair pending	1	X'0000,0001'
PPRC pair pending	1	X'0000,0001'
PPRC suspended	3	X'0000,0003'
PPRC suspended	3	X'0000,0003'
Reserved	2	X'0000,0002'
Reserved	2	X'0000,0002'

SMF 22 ENUM: zPPRC2

Field Name	SMF Record	Segment Name
zPPRC2	22	SMF022_Storage_Control

Display Text	Value	Hex Value
PPRC pair available	0	X'0000,0000'
PPRC pair available	0	X'0000,0000'
PPRC pair pending	1	X'0000,0001'
PPRC pair pending	1	X'0000,0001'
PPRC suspended	3	X'0000,0003'
PPRC suspended	3	X'0000,0003'
Reserved	2	X'0000,0002'
Reserved	2	X'0000,0002'

SMF 22 ENUM: zPPRC3

Field Name	SMF Record	Segment Name
zPPRC3	22	SMF022_Storage_Control

Display Text	Value	Hex Value
PPRC pair available	0	X'0000,0000'
PPRC pair available	0	X'0000,0000'
PPRC pair pending	1	X'0000,0001'
PPRC pair pending	1	X'0000,0001'
PPRC suspended	3	X'0000,0003'
PPRC suspended	3	X'0000,0003'
Reserved	2	X'0000,0002'
Reserved	2	X'0000,0002'

SMF 22 ENUM: zPPRCVol

Field Name	SMF Record	Segment Name
zPPRCVol	22	SMF022_Storage_Control

Display Text	Value	Hex Value
Primary	1	X'0000,0001'
Primary	1	X'0000,0001'
Secondary	0	X'0000,0000'
Secondary	0	X'0000,0000'

SMF 22 ENUM: zPinned

Field Name	SMF Record	Segment Name
zPinned	22	SMF022_Storage_Control

Display Text	Value	Hex Value
No pinned data exists for device	0	X'0000,0000'
No pinned data exists for device	0	X'0000,0000'
Pinned data exists for device, fast write not suspended	1	X'0000,0001'
Pinned data exists for device, fast write not suspended	1	X'0000,0001'
Pinned data exists for device, fast write suspended	3	X'0000,0003'
Pinned data exists for device, fast write suspended	3	X'0000,0003'
Reserved	2	X'0000,0002'
Reserved	2	X'0000,0002'

SMF 22 ENUM: zStatus

Field Name	SMF Record	Segment Name
zStatus	22	SMF022_Storage_Control

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Active	0	X'0000,0000'
Active	0	X'0000,0000'
Active	0	X'0000,0000'
Active	0	X'0000,0000'
Active	0	X'0000,0000'
Deactivated	3	X'0000,0003'
Deactivated	3	X'0000,0003'
Deactivated-host	2	X'0000,0002'
Deactivated-host	2	X'0000,0002'
Deactivated-host	4	X'0000,0004'
Deactivated-host	4	X'0000,0004'
Deactivated-subsystem	1	X'0000,0001'
Deactivated-subsystem	1	X'0000,0001'
Deactivated-subsystem	2	X'0000,0002'
Deactivated-subsystem	2	X'0000,0002'
Deactivation pending	2	X'0000,0002'
Deactivation pending	2	X'0000,0002'
Pending	3	X'0000,0003'
Pending	3	X'0000,0003'
Pending	6	X'0000,0006'
Pending	6	X'0000,0006'
Pending active	1	X'0000,0001'
Pending active	1	X'0000,0001'
Pending off failed	7	X'0000,0007'
Pending off failed	7	X'0000,0007'

SMF 24 ENUM: zSUB

Field Name	SMF Record	Segment Name
zSUB	24	SMF024_JES2_Spool_Offload

Display Text	Value	Hex Value
Job received	2	X'0000,0002'
Job transmitted	1	X'0000,0001'
SYSOUT received	4	X'0000,0004'
SYSOUT transmitted	3	X'0000,0003'

SMF 30 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	30	SMF030_Common_Address_Space_Work

Display Text	Value	Hex Value
Activity(2)	2	X'0000,0002'
Activity(3)	3	X'0000,0003'
Job Start	1	X'0000,0001'
Job Term	5	X'0000,0005'
Step Total	4	X'0000,0004'
SysAddr Space	6	X'0000,0006'

SMF 30 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	30	SMF030_Processor_Accounting

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 30 ENUM: zMES

Field Name	SMF Record	Segment Name
zMES	30	SMF030_Storage_and_Paging

Display Text	Value	Hex Value
IEFUSI	4	X'0000,0004'
JCL	2	X'0000,0002'
SysDefault	10	X'0000,000A'
SMF	1	X'0000,0001'
Unlimited	3	X'0000,0003'

SMF 30 ENUM: zTYPe

Field Name	SMF Record	Segment Name
zTYPe	30	SMF030_Subsystem

Display Text	Value	Hex Value
Activity(2)	2	X'0000,0002'
Activity(3)	3	X'0000,0003'
Job Start	1	X'0000,0001'
Job Term	5	X'0000,0005'
Step Total	4	X'0000,0004'
SysAddr Space	6	X'0000,0006'

SMF 30 ENUM: zUDF

Field Name	SMF Record	Segment Name
zUDF	30	SMF030_Usage_Data

Display Text	Value	Hex Value
zURDb	3	X'0000,0003'
zURDi	2	X'0000,0002'
zURDs	1	X'0000,0001'
No Value	0	X'0000,0000'

SMF 32 ENUM: zTYP

Field Name	SMF Record	Segment Name
zTYP	32	SMF032_Product

Display Text	Value	Hex Value
Interval record	1	X'0000,0001'
Interval record (with detail)	3	X'0000,0003'
Session end record	2	X'0000,0002'
Session end record (with detail)	4	X'0000,0004'

SMF 32 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	32	SMF032_TSO#E_User_Work_Accounting

Display Text	Value	Hex Value
Interval record	1	X'0000,0001'
Interval record (with detail)	3	X'0000,0003'
Session end record	2	X'0000,0002'
Session end record (with detail)	4	X'0000,0004'

SMF 33 ENUM: zUST

Field Name	SMF Record	Segment Name
zUST	33	SMF033_01_TP_Usage

Display Text	Value	Hex Value
Multi-trans shell	1	X'0000,0001'
Standard	0	X'0000,0000'

SMF 33 ENUM: zCIO

Field Name	SMF Record	Segment Name
zCIO	33	SMF033_02_Conversation

Display Text	Value	Hex Value
Inbound	1	X'0000,0001'
Outbound	0	X'0000,0000'

SMF 33 ENUM: zCKD

Field Name	SMF Record	Segment Name
zCKD	33	SMF033_02_Conversation

Display Text	Value	Hex Value
APPC/MVS server	1	X'0000,0001'
Transaction scheduler	0	X'0000,0000'

SMF 33 ENUM: zCLR

Field Name	SMF Record	Segment Name
zCLR	33	SMF033_02_Conversation

Display Text	Value	Hex Value
Local	0	X'0000,0000'
Remote	1	X'0000,0001'

SMF 33 ENUM: zCSA

Field Name	SMF Record	Segment Name
zCSA	33	SMF033_02_Conversation

Display Text	Value	Hex Value
Confirm	6	X'0000,0006'
Confirm deallocate	8	X'0000,0008'
Confirm send	7	X'0000,0007'
Initialize	2	X'0000,0002'
Receive	4	X'0000,0004'
Reset	1	X'0000,0001'
Send	3	X'0000,0003'
Send pending	5	X'0000,0005'

SMF 33 ENUM: zCSL

Field Name	SMF Record	Segment Name
zCSL	33	SMF033_02_Conversation

Display Text	Value	Hex Value
Confirm	1	X'0000,0001'
None	0	X'0000,0000'
Syncpt	2	X'0000,0002'

SMF 40 ENUM: zFLAG

Field Name	SMF Record	Segment Name
zFLAG	40	SMF040_Dynamic_DD

Display Text	Value	Hex Value
ConCat	3	X'0000,0003'
DeConCat	4	X'0000,0004'
UnAlloc	2	X'0000,0002'

SMF 41 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	41	SMF041_DIV_and_VLF

Display Text	Value	Hex Value
ACCESS	1	X'0000,0001'
UNACCESS	2	X'0000,0002'
VLF statistics	3	X'0000,0003'

SMF 41 ENUM: zAMA

Field Name	SMF Record	Segment Name
zAMA	41	SMF041_Object_ACCESS

Display Text	Value	Hex Value
READ	1	X'0000,0001'
UPDATE	2	X'0000,0002'

SMF 41 ENUM: zTYA

Field Name	SMF Record	Segment Name
zTYA	41	SMF041_Object_ACCESS

Display Text	Value	Hex Value
DA	1	X'0000,0001'

SMF 42-1 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 1)	SMF042#01_DFSMS

Display Text	Value	Hex Value
Storage Class Summary & Buffer Management	1	X'0000,0001'

SMF 42-2 ENUM: zCache

Field Name	SMF Record	Segment Name
zCache	42 (subtype 2)	SMF042#02_Control_Unit_Cache

Display Text	Value	Hex Value
ACTIVE	0	X'0000,0000'
DEACT	3	X'0000,0003'
ERROR	2	X'0000,0002'
PENDING	1	X'0000,0001'
PENDO	5	X'0000,0005'
PENDOFAIL	6	X'0000,0006'

SMF 42-2 ENUM: zNVCache

Field Name	SMF Record	Segment Name
zNVCache	42 (subtype 2)	SMF042#02_Control_Unit_Cache

Display Text	Value	Hex Value
ACTIVE	0	X'0000,0000'
DEACT	2	X'0000,0002'
ERROR	1	X'0000,0001'
PENDING	3	X'0000,0003'

SMF 42-2 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 2)	SMF042#02_DFSMS

Display Text	Value	Hex Value
Cache Control Unit (3990-3) Statistics	2	X'0000,0002'

SMF 42-2 ENUM: zDEVCache

Field Name	SMF Record	Segment Name
zDEVCache	42 (subtype 2)	SMF042#02_Volume_Status

Display Text	Value	Hex Value
ACTIVE	0	X'0000,0000'
DEACTNA	3	X'0000,0003'
DEACTPDG	2	X'0000,0002'
Unused	1	X'0000,0001'

SMF 42-2 ENUM: zDEVDup

Field Name	SMF Record	Segment Name
zDEVDup	42 (subtype 2)	SMF042#02_Volume_Status

Display Text	Value	Hex Value
SEC	1	X'0000,0001'

SMF 42-2 ENUM: zDEVDupS

Field Name	SMF Record	Segment Name
zDEVDupS	42 (subtype 2)	SMF042#02_Volume_Status

Display Text	Value	Hex Value
FAILCMD	2	X'0000,0002'
FAILSYS	3	X'0000,0003'
PENDING	1	X'0000,0001'

SMF 42-2 ENUM: zDEVFastWr

Field Name	SMF Record	Segment Name
zDEVFastWr	42 (subtype 2)	SMF042#02_Volume_Status

Display Text	Value	Hex Value
ACTIVE	0	X'0000,0000'
DEACT	3	X'0000,0003'
DEACTPDG	2	X'0000,0002'
Unused	1	X'0000,0001'

SMF 42-2 ENUM: zDEVPin

Field Name	SMF Record	Segment Name
zDEVPin	42 (subtype 2)	SMF042#02_Volume_Status

Display Text	Value	Hex Value
NOPIN	0	X'0000,0000'
PIN	3	X'0000,0003'
PINFW	1	X'0000,0001'
Unused	2	X'0000,0002'

SMF 42-3 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 3)	SMF042#03_DFSMS

Display Text	Value	Hex Value
SMS Configuration Change	3	X'0000,0003'

SMF 42-3 ENUM: zENS

Field Name	SMF Record	Segment Name
zENS	42 (subtype 3)	SMF042#03_Event_Audit

Display Text	Value	Hex Value
BOXED	4	X'0000,0004'
NOTRDY	5	X'0000,0005'
OFFLINE	2	X'0000,0002'
ONLINE	1	X'0000,0001'
PDFOFFL	3	X'0000,0003'

SMF 42-3 ENUM: zEOS

Field Name	SMF Record	Segment Name
zEOS	42 (subtype 3)	SMF042#03_Event_Audit

Display Text	Value	Hex Value
BOXED	4	X'0000,0004'
NOTRDY	5	X'0000,0005'
OFFLINE	2	X'0000,0002'
ONLINE	1	X'0000,0001'
PDFOFFL	3	X'0000,0003'

SMF 42-4 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 4)	SMF042#04_DFSMS

Display Text	Value	Hex Value
System Data Mover Statistics	4	X'0000,0004'

SMF 42-5 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 5)	SMF042#05_DFSMS

Display Text	Value	Hex Value
Storage Class VTOC/VVDS I/O Stats	5	X'0000,0005'

SMF 42-6 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 6)	SMF042#06_DFSMS

Display Text	Value	Hex Value
Data Set I/O Statistics	6	X'0000,0006'

SMF 42-6 ENUM: zCMT

Field Name	SMF Record	Segment Name
zCMT	42 (subtype 6)	SMF042#06_Data_Set_Header

Display Text	Value	Hex Value
GENERIC	1	X'0000,0001'
None	0	X'0000,0000'
TAILORED	2	X'0000,0002'
ZEDC	3	X'0000,0003'

SMF 42-6 ENUM: zTYP

Field Name	SMF Record	Segment Name
zTYP	42 (subtype 6)	SMF042#06_Data_Set_Header

Display Text	Value	Hex Value
DA	4	X'0000,0004'
ESDS	22	X'0000,0016'
EXCP	6	X'0000,0006'
HFS	10	X'0000,000A'
IS	5	X'0000,0005'
KSDS-D	16	X'0000,0010'
KSDS-I	17	X'0000,0011'
LDS	21	X'0000,0015'
Other	0	X'0000,0000'
PO	2	X'0000,0002'
PO-E	3	X'0000,0003'
PS	1	X'0000,0001'
PS-E	7	X'0000,0007'
RRDS	20	X'0000,0014'
VRDS-D	18	X'0000,0012'
VRDS-I	19	X'0000,0013'

SMF 42-6 ENUM: zVSAMBuf

Field Name	SMF Record	Segment Name
zVSAMBuf	42 (subtype 6)	SMF042#06_Data_Set_Header

Display Text	Value	Hex Value
GSR	3	X'0000,0003'
LSR	2	X'0000,0002'
NSR	0	X'0000,0000'
RLS	1	X'0000,0001'

SMF 42-7 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 7)	SMF042#07_DFSMS

Display Text	Value	Hex Value
NFS File Timeout Statistics	7	X'0000,0007'

SMF 42-7 ENUM: zFFS

Field Name	SMF Record	Segment Name
zFFS	42 (subtype 7)	SMF042#07_NFS_File_Timeout

Display Text	Value	Hex Value
z/OS UNIX	1	X'0000,0001'
MVS	2	X'0000,0002'

SMF 42-7 ENUM: zFTM

Field Name	SMF Record	Segment Name
zFTM	42 (subtype 7)	SMF042#07_NFS_File_Timeout

Display Text	Value	Hex Value
z/OS UNIX	10	X'0000,000A'
DummyIX	9	X'0000,0009'
DA	3	X'0000,0003'
ESDS	6	X'0000,0006'
ISAM	4	X'0000,0004'
KSDS	8	X'0000,0008'
PO	2	X'0000,0002'
PS	1	X'0000,0001'
RRDS	7	X'0000,0007'
Unknown	0	X'0000,0000'
Virt	5	X'0000,0005'

SMF 42-7 ENUM: zFTY

Field Name	SMF Record	Segment Name
zFTY	42 (subtype 7)	SMF042#07_NFS_File_Timeout

Display Text	Value	Hex Value
BlockDev	3	X'0000,0003'
CharDev	4	X'0000,0004'
Directory	2	X'0000,0002'
Non-file	0	X'0000,0000'
Regular	1	X'0000,0001'
SymLink	5	X'0000,0005'

SMF 42-9 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 9)	SMF042#09_DFSMS

Display Text	Value	Hex Value
Out of Space ABEND (Sx37)	9	X'0000,0009'

SMF 42-11 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 11)	SMF042#11_DFSMS

Display Text	Value	Hex Value
XRC Interval Statistics	11	X'0000,000B'

SMF 42-14 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 14)	SMF042#14_DFSMS

Display Text	Value	Hex Value
ADSM Accounting	14	X'0000,000E'

SMF 42-15 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 15)	SMF042#15_DFSMS

Display Text	Value	Hex Value
VSAM RLS Storage Class Statistics	15	X'0000,000F'

SMF 42-16 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 16)	SMF042#16_DFSMS

Display Text	Value	Hex Value
VSAM RLS Data Set Statistics	16	X'0000,0010'

SMF 42-17 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 17)	SMF042#17_DFSMS

Display Text	Value	Hex Value
VSAM RLS CF Lock Statistics	17	X'0000,0011'

SMF 42-18 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 18)	SMF042#18_DFSMS

Display Text	Value	Hex Value
VSAM RLS CF Usage Statistics	18	X'0000,0012'

SMF 42-19 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 19)	SMF042#19_DFSMS

Display Text	Value	Hex Value
VSAM RLS Buffer LRU Statistics	19	X'0000,0013'

SMF 42-20 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 20)	SMF042#20_DFSMS

Display Text	Value	Hex Value
All PDSE Members Deleted	20	X'0000,0014'

SMF 42-20 ENUM: zPOEX

Field Name	SMF Record	Segment Name
zPOEX	42 (subtype 20)	SMF042#20_STOW_Initialise_User

Display Text	Value	Hex Value
APPCPORT	4	X'0000,0004'
CONSOLE	2	X'0000,0002'
JESINPUT	3	X'0000,0003'
SERVAUTH	5	X'0000,0005'
TERMINAL	1	X'0000,0001'

SMF 42-20 ENUM: zSTYP

Field Name	SMF Record	Segment Name
zSTYP	42 (subtype 20)	SMF042#20_STOW_Initialise_User

Display Text	Value	Hex Value
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
LSESS	21	X'0000,0015'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 42-20 ENUM: zVERS

Field Name	SMF Record	Segment Name
zVERS	42 (subtype 20)	SMF042#20_STOW_Initialise_User

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
1.9	1	X'0000,0001'

SMF 42-21 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 21)	SMF042#21_DFSMS

Display Text	Value	Hex Value
PDS/PDSE Member Deleted	21	X'0000,0015'

SMF 42-21 ENUM: zPOEX

Field Name	SMF Record	Segment Name
zPOEX	42 (subtype 21)	SMF042#21_Member_Delete_User

Display Text	Value	Hex Value
APPCPORT	4	X'0000,0004'
CONSOLE	2	X'0000,0002'
JESINPUT	3	X'0000,0003'
SERVAUTH	5	X'0000,0005'
TERMINAL	1	X'0000,0001'

SMF 42-21 ENUM: zSTYP

Field Name	SMF Record	Segment Name
zSTYP	42 (subtype 21)	SMF042#21_Member_Delete_User

Display Text	Value	Hex Value
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
LSESS	21	X'0000,0015'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 42-21 ENUM: zVERS

Field Name	SMF Record	Segment Name
zVERS	42 (subtype 21)	SMF042#21_Member_Delete_User

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
1.9	1	X'0000,0001'

SMF 42-22 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 22)	SMF042#22_DFSMS

Display Text	Value	Hex Value
DFSMSrmm for Audit Records	22	X'0000,0016'

SMF 42-23 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 23)	SMF042#23_DFSMS

Display Text	Value	Hex Value
DFSMSrmm for Security Records	23	X'0000,0017'

SMF 42-24 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 24)	SMF042#24_DFSMS

Display Text	Value	Hex Value
PDS/PDSE Member Added or Changed	24	X'0000,0018'

SMF 42-24 ENUM: zPOEX

Field Name	SMF Record	Segment Name
zPOEX	42 (subtype 24)	SMF042#24_Member_Add_Replace_User

Display Text	Value	Hex Value
APPCPORT	4	X'0000,0004'
CONSOLE	2	X'0000,0002'
JESINPUT	3	X'0000,0003'
SERVAUTH	5	X'0000,0005'
TERMINAL	1	X'0000,0001'

SMF 42-24 ENUM: zSTYP

Field Name	SMF Record	Segment Name
zSTYP	42 (subtype 24)	SMF042#24_Member_Add_Replace_User

Display Text	Value	Hex Value
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
LSESS	21	X'0000,0015'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 42-24 ENUM: zVERS

Field Name	SMF Record	Segment Name
zVERS	42 (subtype 24)	SMF042#24_Member_Add_Replace_User

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
1.9	1	X'0000,0001'

SMF 42-25 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 25)	SMF042#25_DFSMS

Display Text	Value	Hex Value
PDS/PDSE Member Renamed	25	X'0000,0019'

SMF 42-25 ENUM: zPOEX

Field Name	SMF Record	Segment Name
zPOEX	42 (subtype 25)	SMF042#25_Member_Rename_User

Display Text	Value	Hex Value
APPCPORT	4	X'0000,0004'
CONSOLE	2	X'0000,0002'
JESINPUT	3	X'0000,0003'
SERVAUTH	5	X'0000,0005'
TERMINAL	1	X'0000,0001'

SMF 42-25 ENUM: zSTYP

Field Name	SMF Record	Segment Name
zSTYP	42 (subtype 25)	SMF042#25_Member_Rename_User

Display Text	Value	Hex Value
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
LSESS	22	X'0000,0016'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 42-25 ENUM: zVERS

Field Name	SMF Record	Segment Name
zVERS	42 (subtype 25)	SMF042#25_Member_Rename_User

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
1.9	1	X'0000,0001'

SMF 42-26 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 26)	SMF042#26_DFSMS

Display Text	Value	Hex Value
NFS	26	X'0000,001A'

SMF 42-26 ENUM: zAFS

Field Name	SMF Record	Segment Name
zAFS	42 (subtype 26)	SMF042#26_NFS_Audit_FileSys_MVS

Display Text	Value	Hex Value
z/OS UNIX	1	X'0000,0001'
MVS	2	X'0000,0002'

SMF 42-26 ENUM: zATM

Field Name	SMF Record	Segment Name
zATM	42 (subtype 26)	SMF042#26_NFS_Audit_FileSys_MVS

Display Text	Value	Hex Value
DummyIX	9	X'0000,0009'
DA	3	X'0000,0003'
ESDS	6	X'0000,0006'
ISAM	4	X'0000,0004'
KSDS	8	X'0000,0008'
PO	2	X'0000,0002'
PS	1	X'0000,0001'
RRDS	7	X'0000,0007'
Unknown	0	X'0000,0000'
Virt	5	X'0000,0005'

SMF 42-26 ENUM: zAFS

Field Name	SMF Record	Segment Name
zAFS	42 (subtype 26)	SMF042#26_NFS_Audit_FileSys_UNIX

Display Text	Value	Hex Value
z/OS UNIX	1	X'0000,0001'
MVS	2	X'0000,0002'

SMF 42-26 ENUM: zATY

Field Name	SMF Record	Segment Name
zATY	42 (subtype 26)	SMF042#26_NFS_Audit_FileSys_UNIX

Display Text	Value	Hex Value
Block	6	X'0000,0006'
Char	2	X'0000,0002'
Dir	1	X'0000,0001'
Pipe	4	X'0000,0004'
Regular	3	X'0000,0003'
Socket	7	X'0000,0007'
SymLink	5	X'0000,0005'
Unknown	0	X'0000,0000'

SMF 42-27 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	42 (subtype 27)	SMF042#27_DFSMS

Display Text	Value	Hex Value
VTOC DSCB Audit Record	27	X'0000,001B'

SMF 42-27 ENUM: zDSORG

Field Name	SMF Record	Segment Name
zDSORG	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_New

Display Text	Value	Hex Value
AM	8	X'0000,0008'
CQ	2048	X'0000,0800'
CX	4096	X'0000,1000'
DA	8192	X'0000,2000'
GS	128	X'0000,0080'
IS	32768	X'0000,8000'
MQ	1024	X'0000,0400'
PO	512	X'0000,0200'
PS	16384	X'0000,4000'
TQ	32	X'0000,0020'
TR	4	X'0000,0004'
TX	64	X'0000,0040'
U	256	X'0000,0100'
Unknown	0	X'0000,0000'

SMF 42-27 ENUM: zEATTR

Field Name	SMF Record	Segment Name
zEATTR	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_New

Display Text	Value	Hex Value
Dfit	0	X'0000,0000'
NO	1	X'0000,0001'
OPT	2	X'0000,0002'
Unused	3	X'0000,0003'

SMF 42-27 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_New

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'
VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'

VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 42-27 ENUM: zSCAL1

Field Name	SMF Record	Segment Name
zSCAL1	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_New

Display Text	Value	Hex Value
BLK	1	X'0000,0001'
CYL	3	X'0000,0003'
TRK	2	X'0000,0002'

SMF 42-27 ENUM: zSCXTF

Field Name	SMF Record	Segment Name
zSCXTF	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_New

Display Text	Value	Hex Value
AVB	128	X'0000,0080'
CP1	8	X'0000,0008'
CP2	4	X'0000,0004'
KB	32	X'0000,0020'
MB	64	X'0000,0040'
None	0	X'0000,0000'
UB	16	X'0000,0010'

SMF 42-27 ENUM: zDSORG

Field Name	SMF Record	Segment Name
zDSORG	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_Old

Display Text	Value	Hex Value
AM	8	X'0000,0008'
CQ	2048	X'0000,0800'
CX	4096	X'0000,1000'
DA	8192	X'0000,2000'
GS	128	X'0000,0080'
IS	32768	X'0000,8000'
MQ	1024	X'0000,0400'
PO	512	X'0000,0200'
PS	16384	X'0000,4000'
TQ	32	X'0000,0020'
TR	4	X'0000,0004'
TX	64	X'0000,0040'
U	256	X'0000,0100'
Unknown	0	X'0000,0000'

SMF 42-27 ENUM: zEATTR

Field Name	SMF Record	Segment Name
zEATTR	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_Old

Display Text	Value	Hex Value
Dfit	0	X'0000,0000'
NO	1	X'0000,0001'
OPT	2	X'0000,0002'
Unused	3	X'0000,0003'

SMF 42-27 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_Old

Display Text	Value	Hex Value
F	128	X'0000,0080'
FA	132	X'0000,0084'
FB	144	X'0000,0090'
FBA	148	X'0000,0094'
FBM	146	X'0000,0092'
FBS	152	X'0000,0098'
FBSA	156	X'0000,009C'
FBSM	154	X'0000,009A'
FBT	176	X'0000,00B0'
FBTA	180	X'0000,00B4'
FBTM	178	X'0000,00B2'
FM	130	X'0000,0082'
FS	136	X'0000,0088'
FSA	140	X'0000,008C'
FSM	138	X'0000,008A'
FT	160	X'0000,00A0'
FTA	164	X'0000,00A4'
FTM	162	X'0000,00A2'
U	192	X'0000,00C0'
Unk	0	X'0000,0000'
UA	196	X'0000,00C4'
UM	194	X'0000,00C2'
UT	224	X'0000,00E0'
UTA	228	X'0000,00E4'
UTM	226	X'0000,00E2'
V	64	X'0000,0040'
VA	68	X'0000,0044'
VB	80	X'0000,0050'
VBA	84	X'0000,0054'
VBM	82	X'0000,0052'
VBS	88	X'0000,0058'
VBSA	92	X'0000,005C'
VBSM	90	X'0000,005A'
VBST	120	X'0000,0078'
VBSTA	124	X'0000,007C'
VBSTM	122	X'0000,007A'
VBT	112	X'0000,0070'
VBTA	116	X'0000,0074'

VBTM	114	X'0000,0072'
VM	66	X'0000,0042'
VS	72	X'0000,0048'
VSA	76	X'0000,004C'
VSM	74	X'0000,004A'
VT	96	X'0000,0060'
VTA	100	X'0000,0064'
VTM	98	X'0000,0062'

SMF 42-27 ENUM: zSCAL1

Field Name	SMF Record	Segment Name
zSCAL1	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_Old

Display Text	Value	Hex Value
BLK	1	X'0000,0001'
CYL	3	X'0000,0003'
TRK	2	X'0000,0002'

SMF 42-27 ENUM: zSCXTF

Field Name	SMF Record	Segment Name
zSCXTF	42 (subtype 27)	SMF042#27_VTOC_Audit_DSCB_Old

Display Text	Value	Hex Value
AVB	128	X'0000,0080'
CP1	8	X'0000,0008'
CP2	4	X'0000,0004'
KB	32	X'0000,0020'
MB	64	X'0000,0040'
None	0	X'0000,0000'
UB	16	X'0000,0010'

SMF 42-27 ENUM: zPOEX

Field Name	SMF Record	Segment Name
zPOEX	42 (subtype 27)	SMF042#27_VTOC_Audit_Update_Header

Display Text	Value	Hex Value
	0	X'0000,0000'
APPCPORT	4	X'0000,0004'
CONSOLE	2	X'0000,0002'
JESINPUT	3	X'0000,0003'
SERVAUTH	5	X'0000,0005'
TERMINAL	1	X'0000,0001'

SMF 42-27 ENUM: zSTYP

Field Name	SMF Record	Segment Name
zSTYP	42 (subtype 27)	SMF042#27_VTOC_Audit_Update_Header

Display Text	Value	Hex Value
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
LSESS	21	X'0000,0015'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 42-27 ENUM: zVERS

Field Name	SMF Record	Segment Name
zVERS	42 (subtype 27)	SMF042#27_VTOC_Audit_Update_Header

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
1.9	1	X'0000,0001'

SMF 43 ENUM: zSBS

Field Name	SMF Record	Segment Name
zSBS	43	SMF043_JES_Startup

Display Text	Value	Hex Value
JES2	2	X'0000,0002'
JES3	5	X'0000,0005'

SMF 45 ENUM: zSBS

Field Name	SMF Record	Segment Name
zSBS	45	SMF045_JES_Stop

Display Text	Value	Hex Value
JES2	2	X'0000,0002'
JES3	5	X'0000,0005'

SMF 47 ENUM: zSBS

Field Name	SMF Record	Segment Name
zSBS	47	SMF047_JES_Start_Line

Display Text	Value	Hex Value
JES2	2	X'0000,0002'
JES3	5	X'0000,0005'

SMF 48 ENUM: zSBS

Field Name	SMF Record	Segment Name
zSBS	48	SMF048_JES_Stop_Line

Display Text	Value	Hex Value
JES2	2	X'0000,0002'
JES3	5	X'0000,0005'

SMF 49 ENUM: zSBS

Field Name	SMF Record	Segment Name
zSBS	49	SMF049_JES_Integrity

Display Text	Value	Hex Value
JES2	2	X'0000,0002'
JES3	5	X'0000,0005'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_MPC_Channel_Group

Display Text	Value	Hex Value
Group	1	X'0000,0001'
OSA	4	X'0000,0004'
RorW	2	X'0000,0002'
RW	3	X'0000,0003'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_MPC_Channel_OSA_Read

Display Text	Value	Hex Value
Group	1	X'0000,0001'
OSA	4	X'0000,0004'
RorW	2	X'0000,0002'
RW	3	X'0000,0003'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_MPC_Channel_OSA_Write

Display Text	Value	Hex Value
Group	1	X'0000,0001'
OSA	4	X'0000,0004'
RorW	2	X'0000,0002'
RW	3	X'0000,0003'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_MPC_Channel_Read_or_Write

Display Text	Value	Hex Value
Group	1	X'0000,0001'
OSA	4	X'0000,0004'
RorW	2	X'0000,0002'
RW	3	X'0000,0003'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_MPC_XCF_Group

Display Text	Value	Hex Value
Group	1	X'0000,0001'
OSA	4	X'0000,0004'
RorW	2	X'0000,0002'
RW	3	X'0000,0003'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_MPC_XCF_RW

Display Text	Value	Hex Value
Group	1	X'0000,0001'
OSA	4	X'0000,0004'
RorW	2	X'0000,0002'
RW	3	X'0000,0003'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_RoCE_Port

Display Text	Value	Hex Value
Port	1	X'0000,0001'
User	2	X'0000,0002'

SMF 50 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	50	SMF050_RoCE_User

Display Text	Value	Hex Value
Port	1	X'0000,0001'
User	2	X'0000,0002'

SMF 50 ENUM: zLTYPE

Field Name	SMF Record	Segment Name
zLTYPE	50	SMF050_TCP

Display Text	Value	Hex Value
CDLC	64	X'0000,0040'
CLAW	48	X'0000,0030'
HYPERchannel	80	X'0000,0050'
LCS	32	X'0000,0020'
LTC	16	X'0000,0010'
SameHost	96	X'0000,0060'

SMF 52 ENUM: zSUB

Field Name	SMF Record	Segment Name
zSUB	52	SMF052_JES_Start_Line_SNA

Display Text	Value	Hex Value
\$S LNEn	2	X'0000,0002'
LOGON	1	X'0000,0001'

SMF 53 ENUM: zSUB

Field Name	SMF Record	Segment Name
zSUB	53	SMF053_JES_Stop_Line_SNA

Display Text	Value	Hex Value
\$S LNEn	2	X'0000,0002'
LOGOFF	1	X'0000,0001'

SMF 54 ENUM: zSUB

Field Name	SMF Record	Segment Name
zSUB	54	SMF054_JES_Integrity_SNA

Display Text	Value	Hex Value
LOGON	1	X'0000,0001'

SMF 60 ENUM: zTYP3

Field Name	SMF Record	Segment Name
zTYP3	60	SMF060_VSAM_Volume_Dataset_Updated

Display Text	Value	Hex Value
Alias	231	X'0000,00E7'
AIX	199	X'0000,00C7'
Cluster	195	X'0000,00C3'
CDG-Ext	209	X'0000,00D1'
Dataset	196	X'0000,00C4'
FreeSpace	198	X'0000,00C6'
GDG-Base	194	X'0000,00C2'
GDS	200	X'0000,00C8'
Index	201	X'0000,00C9'
JES3	1	X'0000,0001'
LibCtrl-LibRec	211	X'0000,00D3'
LibCtrl-SysVol	230	X'0000,00E6'
MastCat	212	X'0000,00D4'
NonVSAM Dataset	193	X'0000,00C1'
NonVSAM-Rec	0	X'0000,0000'
NonVSAM-RecHdr	213	X'0000,00D5'
OAM-NonVSAM	214	X'0000,00D6'
PageSpace	215	X'0000,00D7'
Path	217	X'0000,00D9'
TrueName	227	X'0000,00E3'
Upgrade	232	X'0000,00E8'
UserCat	228	X'0000,00E4'
Volume	229	X'0000,00E5'
VSAM Ext	197	X'0000,00C5'
VVR	210	X'0000,00D2'
VVR-HeadPri	216	X'0000,00D8'
VVR-HeadSec	233	X'0000,00E9'

SMF 61 ENUM: zTYP3

Field Name	SMF Record	Segment Name
zTYP3	61	SMF061_Integrated_Catalog_Facility_Define_Activity

Display Text	Value	Hex Value
Alias	231	X'0000,00E7'
AIX	199	X'0000,00C7'
Cluster	195	X'0000,00C3'
CDG-Ext	209	X'0000,00D1'
Dataset	196	X'0000,00C4'
FreeSpace	198	X'0000,00C6'
GDG-Base	194	X'0000,00C2'
GDS	200	X'0000,00C8'
Index	201	X'0000,00C9'
JES3	1	X'0000,0001'
LibCtrl-LibRec	211	X'0000,00D3'
LibCtrl-SysVol	230	X'0000,00E6'
MastCat	212	X'0000,00D4'
NonVSAM Dataset	193	X'0000,00C1'
NonVSAM-Rec	0	X'0000,0000'
NonVSAM-RecHdr	213	X'0000,00D5'
OAM-NonVSAM	214	X'0000,00D6'
PageSpace	215	X'0000,00D7'
Path	217	X'0000,00D9'
TrueName	227	X'0000,00E3'
Upgrade	232	X'0000,00E8'
UserCat	228	X'0000,00E4'
Volume	229	X'0000,00E5'
VSAM Ext	197	X'0000,00C5'
VVR	210	X'0000,00D2'
VVR-HeadPri	216	X'0000,00D8'
VVR-HeadSec	233	X'0000,00E9'

SMF 65 ENUM: zTYP3

Field Name	SMF Record	Segment Name
zTYP3	65	SMF065_ICF_Cat_Delete_Activity

Display Text	Value	Hex Value
Alias	231	X'0000,00E7'
AIX	199	X'0000,00C7'
Cluster	195	X'0000,00C3'
CDG-Ext	209	X'0000,00D1'
Dataset	196	X'0000,00C4'
FreeSpace	198	X'0000,00C6'
GDG-Base	194	X'0000,00C2'
GDS	200	X'0000,00C8'
Index	201	X'0000,00C9'
JES3	1	X'0000,0001'
LibCtrl-LibRec	211	X'0000,00D3'
LibCtrl-SysVol	230	X'0000,00E6'
MastCat	212	X'0000,00D4'
NonVSAM Dataset	193	X'0000,00C1'
NonVSAM-Rec	0	X'0000,0000'
NonVSAM-RecHdr	213	X'0000,00D5'
OAM-NonVSAM	214	X'0000,00D6'
PageSpace	215	X'0000,00D7'
Path	217	X'0000,00D9'
TrueName	227	X'0000,00E3'
Upgrade	232	X'0000,00E8'
UserCat	228	X'0000,00E4'
Volume	229	X'0000,00E5'
VSAM Ext	197	X'0000,00C5'
VVR	210	X'0000,00D2'
VVR-HeadPri	216	X'0000,00D8'
VVR-HeadSec	233	X'0000,00E9'

SMF 66 ENUM: zTYP3

Field Name	SMF Record	Segment Name
zTYP3	66	SMF066_ICF_Cat_Alter_Activity

Display Text	Value	Hex Value
Alias	231	X'0000,00E7'
AIX	199	X'0000,00C7'
Cluster	195	X'0000,00C3'
CDG-Ext	209	X'0000,00D1'
Dataset	196	X'0000,00C4'
FreeSpace	198	X'0000,00C6'
GDG-Base	194	X'0000,00C2'
GDS	200	X'0000,00C8'
Index	201	X'0000,00C9'
JES3	1	X'0000,0001'
LibCtrl-LibRec	211	X'0000,00D3'
LibCtrl-SysVol	230	X'0000,00E6'
MastCat	212	X'0000,00D4'
NonVSAM Dataset	193	X'0000,00C1'
NonVSAM-Rec	0	X'0000,0000'
NonVSAM-RecHdr	213	X'0000,00D5'
OAM-NonVSAM	214	X'0000,00D6'
PageSpace	215	X'0000,00D7'
Path	217	X'0000,00D9'
TrueName	227	X'0000,00E3'
Upgrade	232	X'0000,00E8'
UserCat	228	X'0000,00E4'
Volume	229	X'0000,00E5'
VSAM Ext	197	X'0000,00C5'
VVR	210	X'0000,00D2'
VVR-HeadPri	216	X'0000,00D8'
VVR-HeadSec	233	X'0000,00E9'

SMF 70-1 ENUM: zTYP

Field Name	SMF Record	Segment Name
zTYP	70 (subtype 1)	SMF070#01_CPU_Data

Display Text	Value	Hex Value
zAAP	1	X'0000,0001'
zIIP	2	X'0000,0002'
GENERAL	0	X'0000,0000'

SMF 70-1 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	70 (subtype 1)	SMF070#01_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 70-2 ENUM: R7024CTe

Field Name	SMF Record	Segment Name
R7024CTe	70 (subtype 2)	SMF070#02_Accelerator

Display Text	Value	Hex Value
CEX2A	6	X'0000,0006'
CEX3A	8	X'0000,0008'
CEX4A	10	X'0000,000A'
CEX5A	11	X'0000,000B'
CEX6A	12	X'0000,000C'
CEX7A	13	X'0000,000D'

SMF 70-2 ENUM: R7024SCOPEe

Field Name	SMF Record	Segment Name
R7024SCOPEe	70 (subtype 2)	SMF070#02_Accelerator

Display Text	Value	Hex Value
CPC (Processor)	0	X'0000,0000'
System (LPAR)	1	X'0000,0001'

SMF 70-2 ENUM: R7023CTe

Field Name	SMF Record	Segment Name
R7023CTe	70 (subtype 2)	SMF070#02_CCA_Coprocessor

Display Text	Value	Hex Value
CEX2C	7	X'0000,0007'
CEX3C	9	X'0000,0009'
CEX4C	10	X'0000,000A'
CEX5C	11	X'0000,000B'
CEX6C	12	X'0000,000C'
CEX7C	13	X'0000,000D'
PCICC	3	X'0000,0003'
PCIXCC	5	X'0000,0005'

SMF 70-2 ENUM: R7023SCOPEe

Field Name	SMF Record	Segment Name
R7023SCOPEe	70 (subtype 2)	SMF070#02_CCA_Coprocessor

Display Text	Value	Hex Value
CPC (Processor)	0	X'0000,0000'
System (LPAR)	1	X'0000,0001'

SMF 70-2 ENUM: R7025CTe

Field Name	SMF Record	Segment Name
R7025CTe	70 (subtype 2)	SMF070#02_PKCS11_Coprocessor

Display Text	Value	Hex Value
CEX4P	10	X'0000,000A'
CEX5P	11	X'0000,000B'
CEX6P	12	X'0000,000C'
CEX7P	13	X'0000,000D'

SMF 70-2 ENUM: R7025SCOPEe

Field Name	SMF Record	Segment Name
R7025SCOPEe	70 (subtype 2)	SMF070#02_PKCS11_Coprocessor

Display Text	Value	Hex Value
CPC (Processor)	0	X'0000,0000'
System (LPAR)	1	X'0000,0001'

SMF 70-2 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	70 (subtype 2)	SMF070#02_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 72-3 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	72 (subtype 3)	SMF072#03_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 72-4 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	72 (subtype 4)	SMF072#04_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 72-5 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	72 (subtype 5)	SMF072#05_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 73 ENUM: zCMI

Field Name	SMF Record	Segment Name
zCMI	73	SMF073_CP_Control

Display Text	Value	Hex Value
Compatibility mode	1	X'0000,0001'
CPMF is not active	0	X'0000,0000'
Extended mode	2	X'0000,0002'

SMF 74-5 ENUM: zCaching

Field Name	SMF Record	Segment Name
zCaching	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Caching active	0	X'0000,0000'
Reserved1	1	X'0000,0001'
Reserved3	3	X'0000,0003'
Reserved4	4	X'0000,0004'
Reserved5	5	X'0000,0005'
Reserved6	6	X'0000,0006'
Reserved7	7	X'0000,0007'
Subsystem error	2	X'0000,0002'

SMF 74-5 ENUM: zDevicePinnedData

Field Name	SMF Record	Segment Name
zDevicePinnedData	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Exists	1	X'0000,0001'
None Exists	0	X'0000,0000'
NotUsed	3	X'0000,0003'
Reserved	2	X'0000,0002'

SMF 74-5 ENUM: zDevicePinnedDataX

Field Name	SMF Record	Segment Name
zDevicePinnedDataX	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Exists	1	X'0000,0001'
None Exists	0	X'0000,0000'
NotUsed	3	X'0000,0003'
Resrved	2	X'0000,0002'

SMF 74-5 ENUM: zDuplexPair

Field Name	SMF Record	Segment Name
zDuplexPair	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Not Used	2	X'0000,0002'
PPRC pair available	0	X'0000,0000'
PPRC pair pending	1	X'0000,0001'
Suspended	3	X'0000,0003'

SMF 74-5 ENUM: zFastWrite

Field Name	SMF Record	Segment Name
zFastWrite	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
DFW allowed	0	X'0000,0000'
DFW deactivate	3	X'0000,0003'
DFW deactivate pending	2	X'0000,0002'
DFW not used	1	X'0000,0001'

SMF 74-5 ENUM: zGlobalMirrorState

Field Name	SMF Record	Segment Name
zGlobalMirrorState	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Consistency Groups Failing	3	X'0000,0003'
Fatal	5	X'0000,0005'
Multiple Sessions	6	X'0000,0006'
Not Configured	0	X'0000,0000'
Optimal	1	X'0000,0001'
Paused	4	X'0000,0004'
Reserved	7	X'0000,0007'
Sub-Optimal	2	X'0000,0002'

SMF 74-5 ENUM: zStatus

Field Name	SMF Record	Segment Name
zStatus	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Caching activated	0	X'0000,0000'
Caching deactivated	3	X'0000,0003'
Deactivate pending	2	X'0000,0002'
Not Used	1	X'0000,0001'

SMF 74-5 ENUM: zVolumeSpace

Field Name	SMF Record	Segment Name
zVolumeSpace	74 (subtype 5)	SMF074#05_Cache_Control_Unit_Status

Display Text	Value	Hex Value
Extent space efficient volume	2	X'0000,0002'
Reserved	3	X'0000,0003'
Standard volume	0	X'0000,0000'
Track space efficient volume	1	X'0000,0001'

SMF 74-5 ENUM: zDataFmt1

Field Name	SMF Record	Segment Name
zDataFmt1	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
DS8000	1	X'0000,0001'
3990	0	X'0000,0000'

SMF 74-5 ENUM: zDataFmt2

Field Name	SMF Record	Segment Name
zDataFmt2	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
3990-1/2/3 or Basic Op Mode	0	X'0000,0000'
3990-6 or DS8000	1	X'0000,0001'

SMF 74-5 ENUM: zDevicePinnedData

Field Name	SMF Record	Segment Name
zDevicePinnedData	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
Exists	1	X'0000,0001'
None Exists	0	X'0000,0000'
NotUsed	3	X'0000,0003'
Reserved	2	X'0000,0002'

SMF 74-5 ENUM: zDevicePinnedDataX

Field Name	SMF Record	Segment Name
zDevicePinnedDataX	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
Exists	1	X'0000,0001'
None Exists	0	X'0000,0000'
NotUsed	3	X'0000,0003'
Resrved	2	X'0000,0002'

SMF 74-5 ENUM: zFastWrite

Field Name	SMF Record	Segment Name
zFastWrite	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
DFW allowed	0	X'0000,0000'
DFW deactivate	3	X'0000,0003'
DFW deactivate pending	2	X'0000,0002'
DFW not used	1	X'0000,0001'

SMF 74-5 ENUM: zGlobalMirrorState

Field Name	SMF Record	Segment Name
zGlobalMirrorState	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
Consistency Groups Failing	3	X'0000,0003'
Fatal	5	X'0000,0005'
Multiple Sessions	6	X'0000,0006'
Not Configured	0	X'0000,0000'
Optimal	1	X'0000,0001'
Paused	4	X'0000,0004'
Reserved	7	X'0000,0007'
Sub-Optimal	2	X'0000,0002'

SMF 74-5 ENUM: zPPRCStatus

Field Name	SMF Record	Segment Name
zPPRCStatus	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
Not Used	2	X'0000,0002'
PPRC pair available	0	X'0000,0000'
PPRC pair pending	1	X'0000,0001'
Suspended	3	X'0000,0003'

SMF 74-5 ENUM: zStatus

Field Name	SMF Record	Segment Name
zStatus	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
Caching activated	0	X'0000,0000'
Caching deactivated	3	X'0000,0003'
Deactivate pending	2	X'0000,0002'
Not Used	1	X'0000,0001'

SMF 74-5 ENUM: zVolumeSpace

Field Name	SMF Record	Segment Name
zVolumeSpace	74 (subtype 5)	SMF074#05_Cache_Device

Display Text	Value	Hex Value
Extent space efficient volume	2	X'0000,0002'
Reserved	3	X'0000,0003'
Standard volume	0	X'0000,0000'
Track space efficient volume	1	X'0000,0001'

SMF 74-5 ENUM: z1FLG

Field Name	SMF Record	Segment Name
z1FLG	74 (subtype 5)	SMF074#05_RAID_Rank_Extent_Pool

Display Text	Value	Hex Value
Extent pool and physical storage data	2	X'0000,0002'
No additional information	0	X'0000,0000'
RAID rank data	1	X'0000,0001'

SMF 74-5 ENUM: z1RTY

Field Name	SMF Record	Segment Name
z1RTY	74 (subtype 5)	SMF074#05_RAID_Rank_Extent_Pool

Display Text	Value	Hex Value
JBOD	1	X'0000,0001'
RAID-10	2	X'0000,0002'
RAID-5	0	X'0000,0000'

SMF 74-5 ENUM: z2XTY

Field Name	SMF Record	Segment Name
z2XTY	74 (subtype 5)	SMF074#05_RAID_Rank_Extent_Pool

Display Text	Value	Hex Value
CKD 1Gb	132	X'0000,0084'
FB 1Gbl information	4	X'0000,0004'

SMF 74-8 ENUM: zDevC

Field Name	SMF Record	Segment Name
zDevC	74 (subtype 8)	SMF074#08_Rank_Array

Display Text	Value	Hex Value
Enterprise drive	0	X'0000,0000'
Near-line drive	1	X'0000,0001'
Solid state drive	3	X'0000,0003'
SATA drive	2	X'0000,0002'

SMF 79-1 ENUM: zTAS

Field Name	SMF Record	Segment Name
zTAS	79 (subtype 1)	SMF079#01_ASD_and_ASDJ

Display Text	Value	Hex Value
ASCH	4	X'0000,0004'
Batch	0	X'0000,0000'
Mount task	2	X'0000,0002'
OMVS address space	5	X'0000,0005'
Started task	1	X'0000,0001'
TSO/E	3	X'0000,0003'

SMF 79-1 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 1)	SMF079#01_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-2 ENUM: zTAS

Field Name	SMF Record	Segment Name
zTAS	79 (subtype 2)	SMF079#02_ARD_and_ARDJ

Display Text	Value	Hex Value
ASCH	4	X'0000,0004'
Batch	0	X'0000,0000'
Mount task	2	X'0000,0002'
OMVS address space	5	X'0000,0005'
Started task	1	X'0000,0001'
TSO/E	3	X'0000,0003'

SMF 79-2 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 2)	SMF079#02_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-3 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 3)	SMF079#03_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-4 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 4)	SMF079#04_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-5 ENUM: zTAS

Field Name	SMF Record	Segment Name
zTAS	79 (subtype 5)	SMF079#05_ASRM_and_ASRMJ

Display Text	Value	Hex Value
ASCH	4	X'0000,0004'
Batch	0	X'0000,0000'
Mount task	2	X'0000,0002'
OMVS address space	5	X'0000,0005'
Started task	1	X'0000,0001'
TSO/E	3	X'0000,0003'

SMF 79-5 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 5)	SMF079#05_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-6 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 6)	SMF079#06_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-7 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 7)	SMF079#07_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-9 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 9)	SMF079#09_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-11 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 11)	SMF079#11_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-12 ENUM: zCMI

Field Name	SMF Record	Segment Name
zCMI	79 (subtype 12)	SMF079#12_CP_Control

Display Text	Value	Hex Value
Compatibility mode	1	X'0000,0001'
CPMF is not active	0	X'0000,0000'
Extended mode	2	X'0000,0002'

SMF 79-12 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 12)	SMF079#12_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-14 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 14)	SMF079#14_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 79-15 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	79 (subtype 15)	SMF079#15_Product

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 80 ENUM: zCLIENT

Field Name	SMF Record	Segment Name
zCLIENT	80	SMF080_ACEE_Type

Display Text	Value	Hex Value
AUTH	1	X'0000,0001'
UNAUTH	0	X'0000,0000'

SMF 80 ENUM: zCLIENT

Field Name	SMF Record	Segment Name
zCLIENT	80	SMF080_ACEE_Type_X

Display Text	Value	Hex Value
AUTH	1	X'0000,0001'
UNAUTH	0	X'0000,0000'

SMF 80 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	80	SMF080_ACL_Entry_Identifier

Display Text	Value	Hex Value
GID	2	X'0000,0002'
UID	1	X'0000,0001'

SMF 80 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	80	SMF080_ACL_Type

Display Text	Value	Hex Value
ACCESS	128	X'0000,0080'
DIR	32	X'0000,0020'
FILE	64	X'0000,0040'

SMF 80 ENUM: zAUDIT_FAILURES_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_FAILURES_LEVEL	80	SMF080_ADDSD_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_SUCCESS_LEVEL	80	SMF080_ADDSD_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_ADDSD_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
EXECUTE	8	X'0000,0008'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zAUTHOPT

Field Name	SMF Record	Segment Name
zAUTHOPT	80	SMF080_ADDUSER_RACF_Command_Data

Display Text	Value	Hex Value
CONNECT	64	X'0000,0040'
CREATE	32	X'0000,0020'
JOIN	128	X'0000,0080'
USE	16	X'0000,0010'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_ADDUSER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zAUDIT_FAILURES_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_FAILURES_LEVEL	80	SMF080_ALTDSD_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_SUCCESS_LEVEL	80	SMF080_ALTDSD_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zGLOBALAUDIT_FAILURES_LEVEL

Field Name	SMF Record	Segment Name
zGLOBALAUDIT_FAILURES_LEVEL	80	SMF080_ALTDSD_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zGLOBALAUDIT_SUCCESS_LEVEL

Field Name	SMF Record	Segment Name
zGLOBALAUDIT_SUCCESS_LEVEL	80	SMF080_ALTDSR_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_ALTDSR_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
EXECUTE	8	X'0000,0008'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zAUTHOPT

Field Name	SMF Record	Segment Name
zAUTHOPT	80	SMF080_ALTUSER_RACF_Command_Data

Display Text	Value	Hex Value
CONNECT	64	X'0000,0040'
CREATE	32	X'0000,0020'
JOIN	128	X'0000,0080'
USE	16	X'0000,0010'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_ALTUSER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zACCESS

Field Name	SMF Record	Segment Name
zACCESS	80	SMF080_Access_Type

Display Text	Value	Hex Value
ACLERR	7	X'0000,0007'
DENIED	8	X'0000,0008'
FAILED	0	X'0000,0000'
GIDACL	6	X'0000,0006'
GROUP	2	X'0000,0002'
NONE	4	X'0000,0004'
OTHER	3	X'0000,0003'
OWNER	1	X'0000,0001'
UIDACL	5	X'0000,0005'

SMF 80 ENUM: zVOL_PROCESSED

Field Name	SMF Record	Segment Name
zVOL_PROCESSED	80	SMF080_Add_Volume

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	0	X'0000,0000'

SMF 80 ENUM: zSERVICE

Field Name	SMF Record	Segment Name
zSERVICE	80	SMF080_Audit_Function_Code

Display Text	Value	Hex Value
ACC_DISC	97	X'0000,0061'
ACC_RECV	96	X'0000,0060'
ACC_SEND	95	X'0000,005F'
ACCESS	1	X'0000,0001'
AUTHCHECK	94	X'0000,005E'
BIND	91	X'0000,005B'
CHATTR	59	X'0000,003B'
CHAUDIT_A	37	X'0000,0025'
CHAUDIT_U	2	X'0000,0002'
CHDIR	3	X'0000,0003'
CHMOD	4	X'0000,0004'
CHMOUNT	109	X'0000,006D'
CHMOUNT_SETUID	110	X'0000,006E'
CHOWN	5	X'0000,0005'
CHROOT	88	X'0000,0058'
CONSOLE	99	X'0000,0063'
DUB	6	X'0000,0006'
EACCESS	113	X'0000,0071'
ENDOF_TAB	125	X'0000,007D'
EXEC	7	X'0000,0007'
FCHATTR	60	X'0000,003C'
FCHAUDIT_A	38	X'0000,0026'
FCHAUDIT_U	8	X'0000,0008'
FCHDIR	87	X'0000,0057'
FCHMOD	9	X'0000,0009'
FCHOWN	10	X'0000,000A'
FSACCESS	123	X'0000,007B'
GETCWD	11	X'0000,000B'
GETMNT	42	X'0000,002A'
GETPSENT	12	X'0000,000C'
IOCTL	41	X'0000,0029'
KILL	13	X'0000,000D'
LCHATTR	116	X'0000,0074'
LCHOWN	79	X'0000,004F'
LINK	14	X'0000,000E'
LOGIN	104	X'0000,0068'
LOOKUP	39	X'0000,0027'
LSTAT	15	X'0000,000F'

MKDIR	16	X'0000,0010'
MKNOD	17	X'0000,0011'
MOUNT	18	X'0000,0012'
MOUNT_NA	118	X'0000,0076'
MOUNT_SETUID	105	X'0000,0069'
MOUNT_U	119	X'0000,0077'
MOUNT_UNA	120	X'0000,0078'
MSGCTL	62	X'0000,003E'
MSGGET	63	X'0000,003F'
MSGRCV	64	X'0000,0040'
MSGSEND	65	X'0000,0041'
NEWGRP	98	X'0000,0062'
NICE	84	X'0000,0054'
OPEN	19	X'0000,0013'
OPENDIR	20	X'0000,0014'
PASSWORD	78	X'0000,004E'
PATHCONF	21	X'0000,0015'
PFCTL	81	X'0000,0051'
POE	115	X'0000,0073'
PTRACE	22	X'0000,0016'
QUIESCE	43	X'0000,002B'
QUIESCE_SETUID	107	X'0000,006B'
READLINK	23	X'0000,0017'
REALPATH	89	X'0000,0059'
REMOVE	74	X'0000,004A'
RENAME	24	X'0000,0018'
RMDIR	25	X'0000,0019'
SEMCTL	66	X'0000,0042'
SEMGET	67	X'0000,0043'
SEMOP	68	X'0000,0044'
SERV_INIT	100	X'0000,0064'
SET_GID	77	X'0000,004D'
SET_MODE	75	X'0000,004B'
SET_MSGQB	76	X'0000,004C'
SETEGID	26	X'0000,001A'
SETEUID	27	X'0000,001B'
SETFACL	111	X'0000,006F'
SETFSECL	114	X'0000,0072'
SETGID	28	X'0000,001C'
SETPRIORITY	83	X'0000,0053'
SETREGID	71	X'0000,0047'
SETREUID	85	X'0000,0055'
SETRLIMIT	82	X'0000,0052'

SETUID	29	X'0000,001D'
SHMAT	69	X'0000,0045'
SHMCTL	70	X'0000,0046'
SHMGET	72	X'0000,0048'
SHMMCV	124	X'0000,007C'
SHUTDOWN_REG	112	X'0000,0070'
SIGACTION	50	X'0000,0032'
SOCKET	92	X'0000,005C'
SPAWN	101	X'0000,0065'
STAT	30	X'0000,001E'
STATVFS	90	X'0000,005A'
SWAP_SERV	102	X'0000,0066'
SYMLINK	31	X'0000,001F'
THLMT	61	X'0000,003D'
THREAD_SEC	93	X'0000,005D'
TRUNCATE	80	X'0000,0050'
TTYNAME	40	X'0000,0028'
UNAVAILABLE	117	X'0000,0075'
UNDUB_EXIT	35	X'0000,0023'
UNLINK	32	X'0000,0020'
UNMOUNT	33	X'0000,0021'
UNMOUNT_SETUID	106	X'0000,006A'
UNMOUNT_U	121	X'0000,0079'
UNMOUNT_UNA	122	X'0000,007A'
UNQUIESCE	44	X'0000,002C'
UNQUIESCE_SETUID	108	X'0000,006C'
UTIME	34	X'0000,0022'
VCREATE	51	X'0000,0033'
VLINK	55	X'0000,0037'
VLOOKUP	47	X'0000,002F'
VMAKEDIR	52	X'0000,0034'
VREADDIR	49	X'0000,0031'
VREADWRITE	48	X'0000,0030'
VREGISTER	45	X'0000,002D'
VREMOVE	57	X'0000,0039'
VREMOVEDIR	56	X'0000,0038'
VRENAME	58	X'0000,003A'
VRESOLVEPN	46	X'0000,002E'
VSETATTR	54	X'0000,0036'
VSYMLINK	53	X'0000,0035'
WGETIPC	73	X'0000,0049'
WLMC	103	X'0000,0067'
WRITE	36	X'0000,0024'

WRITEV	86	X'0000,0056'
--------	----	--------------

SMF 80 ENUM: zAUTHALLOW

Field Name	SMF Record	Segment Name
zAUTHALLOW	80	SMF080_Auth_Access_Allowed

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
EXECUTE	4	X'0000,0004'
NONE	8	X'0000,0008'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zDAUTHALLOW

Field Name	SMF Record	Segment Name
zDAUTHALLOW	80	SMF080_Auth_Access_Allowed

Display Text	Value	Hex Value
	8	X'0000,0008'
	4	X'0000,0004'
EMAC	16	X'0000,0010'
FAILED	0	X'0000,0000'
MAC	64	X'0000,0040'
ON	128	X'0000,0080'
RMAC	32	X'0000,0020'

SMF 80 ENUM: zAUTHREQ

Field Name	SMF Record	Segment Name
zAUTHREQ	80	SMF080_Auth_Access_Requested

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
NONE	8	X'0000,0008'
READ	16	X'0000,0010'
READWRITE	18	X'0000,0012'
UPDATE	32	X'0000,0020'
WRITE	2	X'0000,0002'

SMF 80 ENUM: zAUTHOPT

Field Name	SMF Record	Segment Name
zAUTHOPT	80	SMF080_CONNECT_RACF_Command_Data

Display Text	Value	Hex Value
CONNECT	64	X'0000,0040'
CREATE	32	X'0000,0020'
JOIN	128	X'0000,0080'
USE	16	X'0000,0010'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_CONNECT_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zFORMAT

Field Name	SMF Record	Segment Name
zFORMAT	80	SMF080_Command_Segment_Data

Display Text	Value	Hex Value
HEX	2	X'0000,0002'
NUMERIC	1	X'0000,0001'
UNDEFINED	3	X'0000,0003'

SMF 80 ENUM: zNOTRUST

Field Name	SMF Record	Segment Name
zNOTRUST	80	SMF080_DataPut_DataAlter_Notrust_Attributes

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zHIGHTRUST

Field Name	SMF Record	Segment Name
zHIGHTRUST	80	SMF080_DataPut_HighTrust_Attributes

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zTRUST

Field Name	SMF Record	Segment Name
zTRUST	80	SMF080_DataPut_Trust_Attributes

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDELETE

Field Name	SMF Record	Segment Name
zDELETE	80	SMF080_DataRemove_Delete_Attributes

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDELETE

Field Name	SMF Record	Segment Name
zDELETE	80	SMF080_DataRemove_Delete_Attributes_GENREQ

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDELETE

Field Name	SMF Record	Segment Name
zDELETE	80	SMF080_DataRemove_Delete_Attributes_Ring

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDEFAULT

Field Name	SMF Record	Segment Name
zDEFAULT	80	SMF080_Defaults

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zVOL_PROCESSED

Field Name	SMF Record	Segment Name
zVOL_PROCESSED	80	SMF080_Delete_Volume

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	0	X'0000,0000'

SMF 80 ENUM: zOPTYPE

Field Name	SMF Record	Segment Name
zOPTYPE	80	SMF080_Effective_ACL_Entry

Display Text	Value	Hex Value
ADD	1	X'0000,0001'
DELETE	3	X'0000,0003'
MODIFY	2	X'0000,0002'

SMF 80 ENUM: zDSNR

Field Name	SMF Record	Segment Name
zDSNR	80	SMF080_Generic_Resource

Display Text	Value	Hex Value
NEW	0	X'0000,0000'
OLD	1	X'0000,0001'

SMF 80 ENUM: zGENERIC

Field Name	SMF Record	Segment Name
zGENERIC	80	SMF080_Generic_Resource

Display Text	Value	Hex Value
PROFILE	0	X'0000,0000'
RESOURCE	1	X'0000,0001'

SMF 80 ENUM: zAUDLEVEL

Field Name	SMF Record	Segment Name
zAUDLEVEL	80	SMF080_LOGOPTIONS_Class

Display Text	Value	Hex Value
ALWAYS	128	X'0000,0080'
DEFAULTS	8	X'0000,0008'
FAILURES	16	X'0000,0010'
NEVER	64	X'0000,0040'
SUCCESS	32	X'0000,0020'

SMF 80 ENUM: zDELETED

Field Name	SMF Record	Segment Name
zDELETED	80	SMF080_Last_Link_Deleted

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zACTIVEMFA

Field Name	SMF Record	Segment Name
zACTIVEMFA	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zFALLBACK

Field Name	SMF Record	Segment Name
zFALLBACK	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zMFAFAIL

Field Name	SMF Record	Segment Name
zMFAFAIL	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zMFAOK

Field Name	SMF Record	Segment Name
zMFAOK	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zNODEC

Field Name	SMF Record	Segment Name
zNODEC	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zNPASSINV

Field Name	SMF Record	Segment Name
zNPASSINV	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zPASS

Field Name	SMF Record	Segment Name
zPASS	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSEXP

Field Name	SMF Record	Segment Name
zPASSEXP	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSINV

Field Name	SMF Record	Segment Name
zPASSINV	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSOK

Field Name	SMF Record	Segment Name
zPASSOK	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSPHR

Field Name	SMF Record	Segment Name
zPASSPHR	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSPHROK

Field Name	SMF Record	Segment Name
zPASSPHROK	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSTICK

Field Name	SMF Record	Segment Name
zPASSTICK	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
YES	1	X'0000,0001'

SMF 80 ENUM: zPASSTICKOK

Field Name	SMF Record	Segment Name
zPASSTICKOK	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zVLFCACHE

Field Name	SMF Record	Segment Name
zVLFCACHE	80	SMF080_Multifactor_Auth_Authentication

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zACTIVE

Field Name	SMF Record	Segment Name
zACTIVE	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zADDPOLICY

Field Name	SMF Record	Segment Name
zADDPOLICY	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDELFACTOR

Field Name	SMF Record	Segment Name
zDELFACTOR	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDELPOLICY

Field Name	SMF Record	Segment Name
zDELPOLICY	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zDELTAGS

Field Name	SMF Record	Segment Name
zDELTAGS	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zFACTOR

Field Name	SMF Record	Segment Name
zFACTOR	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zNOACTIVE

Field Name	SMF Record	Segment Name
zNOACTIVE	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zNOPWFALLBACK

Field Name	SMF Record	Segment Name
zNOPWFALLBACK	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zNOTAGS

Field Name	SMF Record	Segment Name
zNOTAGS	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zPWFALLBACK

Field Name	SMF Record	Segment Name
zPWFALLBACK	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zTAGS

Field Name	SMF Record	Segment Name
zTAGS	80	SMF080_Multifactor_Auth_Subkeyword

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zREUSE

Field Name	SMF Record	Segment Name
zREUSE	80	SMF080_NewRing_Reuse_Attributes

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zAUDEXEC

Field Name	SMF Record	Segment Name
zAUDEXEC	80	SMF080_New_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zAUDREAD

Field Name	SMF Record	Segment Name
zAUDREAD	80	SMF080_New_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zAUDWRITE

Field Name	SMF Record	Segment Name
zAUDWRITE	80	SMF080_New_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zEXEC

Field Name	SMF Record	Segment Name
zEXEC	80	SMF080_New_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zREAD

Field Name	SMF Record	Segment Name
zREAD	80	SMF080_New_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zWRITE

Field Name	SMF Record	Segment Name
zWRITE	80	SMF080_New_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zAUDEXEC

Field Name	SMF Record	Segment Name
zAUDEXEC	80	SMF080_Old_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zAUDREAD

Field Name	SMF Record	Segment Name
zAUDREAD	80	SMF080_Old_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zAUDWRITE

Field Name	SMF Record	Segment Name
zAUDWRITE	80	SMF080_Old_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zEXEC

Field Name	SMF Record	Segment Name
zEXEC	80	SMF080_Old_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zREAD

Field Name	SMF Record	Segment Name
zREAD	80	SMF080_Old_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zWRITE

Field Name	SMF Record	Segment Name
zWRITE	80	SMF080_Old_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zACCESS_AUTH

Field Name	SMF Record	Segment Name
zACCESS_AUTH	80	SMF080_PERMIT_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
EXECUTE	8	X'0000,0008'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zPATHFLAG

Field Name	SMF Record	Segment Name
zPATHFLAG	80	SMF080_Path_Name_Flag

Display Text	Value	Hex Value
NEW	2	X'0000,0002'
OLD	1	X'0000,0001'

SMF 80 ENUM: zIGNORED

Field Name	SMF Record	Segment Name
zIGNORED	80	SMF080_Permit_Ids

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zTYPE

Field Name	SMF Record	Segment Name
zTYPE	80	SMF080_Policy_Director_Credential

Display Text	Value	Hex Value
AUTH	1	X'0000,0001'
UNAUTH	0	X'0000,0000'

SMF 80 ENUM: zPKEY

Field Name	SMF Record	Segment Name
zPKEY	80	SMF080_Private_Key

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zFORMAT

Field Name	SMF Record	Segment Name
zFORMAT	80	SMF080_RACDCERT_RACF_Command_Data

Display Text	Value	Hex Value
CERTB64	1	X'0000,0001'
CERTDER	2	X'0000,0002'
PKCS12B64	3	X'0000,0003'
PKCS12DER	4	X'0000,0004'
PKCS7B64	5	X'0000,0005'
PKCS7DER	6	X'0000,0006'

SMF 80 ENUM: zAUDIT_FAILURES_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_FAILURES_LEVEL	80	SMF080_RALTER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_SUCCESS_LEVEL	80	SMF080_RALTER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zGLOBALAUDIT_FAILURES_LEVEL

Field Name	SMF Record	Segment Name
zGLOBALAUDIT_FAILURES_LEVEL	80	SMF080_RALTER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zGLOBALAUDIT_SUCCESS_LEVEL

Field Name	SMF Record	Segment Name
zGLOBALAUDIT_SUCCESS_LEVEL	80	SMF080_RALTER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_RALTER_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
EXECUTE	8	X'0000,0008'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zAUDIT_FAILURES_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_FAILURES_LEVEL	80	SMF080_RDEFINE_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zAUDIT_SUCCESS_LEVEL

Field Name	SMF Record	Segment Name
zAUDIT_SUCCESS_LEVEL	80	SMF080_RDEFINE_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	3	X'0000,0003'
CONTROL	2	X'0000,0002'
READ	0	X'0000,0000'
UPDATE	1	X'0000,0001'

SMF 80 ENUM: zUACC_AUTH

Field Name	SMF Record	Segment Name
zUACC_AUTH	80	SMF080_RDEFINE_RACF_Command_Data

Display Text	Value	Hex Value
ALTER	128	X'0000,0080'
CONTROL	64	X'0000,0040'
EXECUTE	8	X'0000,0008'
NONE	1	X'0000,0001'
READ	16	X'0000,0010'
UPDATE	32	X'0000,0020'

SMF 80 ENUM: zKEYUSE

Field Name	SMF Record	Segment Name
zKEYUSE	80	SMF080_R_PKISERV_Flags_1

Display Text	Value	Hex Value
CERTSIGN	32	X'0000,0020'
CRLSIGN	34	X'0000,0022'
DATAENCRYPT	64	X'0000,0040'
DIGITALSIG	4	X'0000,0004'
DOCSIGN	16	X'0000,0010'
HANDSHAKE	128	X'0000,0080'
KEYAGREE	8	X'0000,0008'
KEYCERTSIGN	2	X'0000,0002'
KEYENCRYPT	132	X'0000,0084'

SMF 80 ENUM: zPASS

Field Name	SMF Record	Segment Name
zPASS	80	SMF080_R_PKISERV_Flags_2

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zLOAD

Field Name	SMF Record	Segment Name
zLOAD	80	SMF080_R_PgmSignVer_Flags_Byte

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: zIPACCESS

Field Name	SMF Record	Segment Name
zIPACCESS	80	SMF080_Requested_Access

Display Text	Value	Hex Value
NONE	0	X'0000,0000'
READ	4	X'0000,0004'
RW	6	X'0000,0006'
WRITE	2	X'0000,0002'

SMF 80 ENUM: zEXEC

Field Name	SMF Record	Segment Name
zEXEC	80	SMF080_Requested_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zREAD

Field Name	SMF Record	Segment Name
zREAD	80	SMF080_Requested_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: zWRITE

Field Name	SMF Record	Segment Name
zWRITE	80	SMF080_Requested_Audit_Options

Display Text	Value	Hex Value
BOTH	3	X'0000,0003'
FAIL	2	X'0000,0002'
NOAUD	0	X'0000,0000'
SUCCESS	1	X'0000,0001'

SMF 80 ENUM: STYP

Field Name	SMF Record	Segment Name
STYP	80	SMF080_Resource_Security_Token

Display Text	Value	Hex Value
	0	X'0000,0000'
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 80 ENUM: TOKPOEX

Field Name	SMF Record	Segment Name
TOKPOEX	80	SMF080_Resource_Security_Token

Display Text	Value	Hex Value
	0	X'0000,0000'
APOINT	4	X'0000,0004'
CON	2	X'0000,0002'
JESI	3	X'0000,0003'
SERV	5	X'0000,0005'
TERM	1	X'0000,0001'

SMF 80 ENUM: zTERM_UACC

Field Name	SMF Record	Segment Name
zTERM_UACC	80	SMF080_SETROPTS_RACF_Command_Data

Display Text	Value	Hex Value
NONE	1	X'0000,0001'
READ	0	X'0000,0000'

SMF 80 ENUM: zTERM_UACC_D

Field Name	SMF Record	Segment Name
zTERM_UACC_D	80	SMF080_SETROPTS_RACF_Command_Data

Display Text	Value	Hex Value
NONE	1	X'0000,0001'
READ	16	X'0000,0010'

SMF 80 ENUM: zEVENT_NAME

Field Name	SMF Record	Segment Name
zEVENT_NAME	80	SMF080_Security_Product_Processing

Display Text	Value	Hex Value
ADDGROUP	9	X'0000,0009'
ADDSD	8	X'0000,0008'
ADDUSER	10	X'0000,000A'
ADDVOL / CHGVOL	3	X'0000,0003'
ALTDSD	11	X'0000,000B'
ALTGROUP	12	X'0000,000C'
ALTUSER	13	X'0000,000D'
APPC SESSION ESTABLISHMENT	26	X'0000,001A'
AUTOPROF	88	X'0000,0058'
CHANGE FILE ACL	75	X'0000,004B'
CHAUDIT	31	X'0000,001F'
CHDIR	32	X'0000,0020'
CHECK ACCESS TO DIRECTORY	29	X'0000,001D'
CHECK ACCESS TO FILE	30	X'0000,001E'
CHECK FILE OWNER	56	X'0000,0038'
CHECK IPC ACCESS	60	X'0000,003C'
CHECK OWNER TWO FILES	64	X'0000,0040'
CHMOD	33	X'0000,0021'
CHOWN	34	X'0000,0022'
CK_PRIV	57	X'0000,0039'
CLEAR SETID BITS FOR FILE	35	X'0000,0023'
CONNECT	14	X'0000,000E'
CRL PUBLICATION	79	X'0000,004F'
DEFINE RESOURCE	7	X'0000,0007'
DELDSD	15	X'0000,000F'
DELETE RESOURCE	5	X'0000,0005'
DELETE 1 VOL (MULTI)	6	X'0000,0006'
DELGROUP	16	X'0000,0010'
DELUSER	17	X'0000,0011'
DIRECTORY SEARCH	28	X'0000,001C'
EXEC WITH SETUID/SETGID	36	X'0000,0024'
GENERAL AUDITING	27	X'0000,001B'
GETPSENT	37	X'0000,0025'
GRANT INITIAL KERBEROS TICKET	68	X'0000,0044'
INIT UNIX PROCESS (DUB)	38	X'0000,0026'
INITACEE	67	X'0000,0043'
JOB INITIATION / TSO	1	X'0000,0001'
KILL	40	X'0000,0028'

LINK	41	X'0000,0029'
MAKE ISP (IPCGET)	61	X'0000,003D'
MKDIR	42	X'0000,002A'
MKNOD	43	X'0000,002B'
MOUNT FILE SYSTEM	44	X'0000,002C'
OPEN NEW FILE	45	X'0000,002D'
OPEN SLAVE TTY	58	X'0000,003A'
PASSTICKET EVALUATION	81	X'0000,0051'
PASSTICKET GENERATION	82	X'0000,0052'
PASSWORD	18	X'0000,0012'
PERMIT	19	X'0000,0013'
PKIAURNW	85	X'0000,0055'
POLICY DIR ACCESS CONTROL	71	X'0000,0047'
PTRACE	46	X'0000,002E'
R_AUDIT	65	X'0000,0041'
R_DATALIB RDATAUPD	84	X'0000,0054'
R_IPC CONTROL	62	X'0000,003E'
R_PGMSIGNVER	86	X'0000,0056'
R_PKISERV EXPORT	70	X'0000,0046'
R_PKISERV GENCERT	69	X'0000,0045'
R_PKISERV QUERY/DETAILS/VERIFY	72	X'0000,0048'
R_PKISERV RESPOND	80	X'0000,0050'
R_PKISERV SCEPREQ	83	X'0000,0053'
R_PKISERV UPDATECERT/REVOKE	74	X'0000,004A'
R_PKISERV UPDATEREQ	73	X'0000,0049'
RACDCERT	66	X'0000,0042'
RACLINK	59	X'0000,003B'
RACMAP	87	X'0000,0057'
RALTER	20	X'0000,0014'
RDEFINE	21	X'0000,0015'
RDELETE	22	X'0000,0016'
REMOVE	23	X'0000,0017'
REMOVE FILE ACL	76	X'0000,004C'
RENAME	47	X'0000,002F'
RENAME RESOURCE	4	X'0000,0004'
RESOURCE ACCESS	2	X'0000,0002'
RMDIR	48	X'0000,0030'
RPKIQREC	89	X'0000,0059'
RVARY	25	X'0000,0019'
SET FILE SECURITY LABEL	77	X'0000,004D'
SET WRITE-DOWN PRIVILEGE	78	X'0000,004E'
SETEGID	49	X'0000,0031'
SETEUID	50	X'0000,0032'

SETGID	51	X'0000,0033'
SETGROUP	63	X'0000,003F'
SETROPTS	24	X'0000,0018'
SETUID	52	X'0000,0034'
SYMLINK	53	X'0000,0035'
UNIX PROCESS COMPLETE (UNDUB)	39	X'0000,0027'
UNLINK	54	X'0000,0036'
UNMOUNT THE SYSTEM	55	X'0000,0037'

SMF 80 ENUM: zEVENT_QUAL

Field Name	SMF Record	Segment Name
zEVENT_QUAL	80	SMF080_Security_Product_Processing

Display Text	Value	Hex Value
Access allowed (28)	7168	X'0000,1C00'
Access allowed (29)	7424	X'0000,1D00'
Access allowed (30)	7680	X'0000,1E00'
Access allowed (37)	9472	X'0000,2500'
Access allowed (40)	10240	X'0000,2800'
Access allowed (46)	11776	X'0000,2E00'
Access allowed (58)	14848	X'0000,3A00'
Access allowed (59)	15104	X'0000,3B00'
Access allowed (60)	15360	X'0000,3C00'
Access allowed (62)	15872	X'0000,3E00'
Access allowed (63)	16128	X'0000,3F00'
Access permitted due to warning	515	X'0000,0203'
Association already approved	15108	X'0000,3B04'
Association already defined	15107	X'0000,3B03'
Association does not exist	15110	X'0000,3B06'
Association does not match	15109	X'0000,3B05'
Attempted replay of PassTicket	289	X'0000,0121'
Authorized	18176	X'0000,4700'
ACL successfully changed	19200	X'0000,4B00'
Caller does not have proper access authority	15361	X'0000,3C01'
Caller does not have proper authority	15873	X'0000,3E01'
Caller does not have requested access authority (29)	7425	X'0000,1D01'
Caller does not have requested access authority (30)	7681	X'0000,1E01'
Caller not authorised to change auditor audit options	7938	X'0000,1F02'
Caller not authorised to change file mode	8449	X'0000,2101'
Caller not authorised to change file owner or group owner	8705	X'0000,2201'
Caller not authorised to change file user audit options	7937	X'0000,1F01'
Client security label not equivalent to server's (01)	290	X'0000,0122'

Client security label not equivalent to server's (67)	17160	X'0000,4308'
Conditional access allowed via basic mode program	527	X'0000,020F'
Current pass phrase has expired	294	X'0000,0126'
Current working directory changed	8192	X'0000,2000'
Current PASSWORD has expired	281	X'0000,0119'
Data set not cataloged	523	X'0000,020B'
Directory successfully created	10752	X'0000,2A00'
Entire ACL removed	19456	X'0000,4C00'
Failed authentication - No MFA decision with NOPWFALLBACK	298	X'0000,012A'
Failed due to PROTECTALL	516	X'0000,0204'
Failed Multifactor Authentication	297	X'0000,0129'
Failure (68)	17409	X'0000,4401'
Failure (81)	20737	X'0000,5101'
Failure (82)	20993	X'0000,5201'
File audit options changed	7936	X'0000,1F00'
File mode changed	8448	X'0000,2100'
File owner or group owner changed	8704	X'0000,2200'
File successfully created	11520	X'0000,2D00'
General audit record 001	6912	X'0000,1B00'
General audit record 002	6913	X'0000,1B01'
General audit record 003	6914	X'0000,1B02'
General audit record 004	6915	X'0000,1B03'
General audit record 005	6916	X'0000,1B04'
General audit record 006	6917	X'0000,1B05'
General audit record 007	6918	X'0000,1B06'
General audit record 008	6919	X'0000,1B07'
General audit record 009	6920	X'0000,1B08'
General audit record 010	6921	X'0000,1B09'
General audit record 011	6922	X'0000,1B0A'
General audit record 012	6923	X'0000,1B0B'
General audit record 013	6924	X'0000,1B0C'
General audit record 014	6925	X'0000,1B0D'
General audit record 015	6926	X'0000,1B0E'
General audit record 016	6927	X'0000,1B0F'
General audit record 017	6928	X'0000,1B10'
General audit record 018	6929	X'0000,1B11'
General audit record 019	6930	X'0000,1B12'
General audit record 020	6931	X'0000,1B13'
General audit record 021	6932	X'0000,1B14'
General audit record 022	6933	X'0000,1B15'
General audit record 023	6934	X'0000,1B16'
General audit record 024	6935	X'0000,1B17'
General audit record 025	6936	X'0000,1B18'

General audit record 026	6937	X'0000,1B19'
General audit record 027	6938	X'0000,1B1A'
General audit record 028	6939	X'0000,1B1B'
General audit record 029	6940	X'0000,1B1C'
General audit record 030	6941	X'0000,1B1D'
General audit record 031	6942	X'0000,1B1E'
General audit record 032	6943	X'0000,1B1F'
General audit record 033	6944	X'0000,1B20'
General audit record 034	6945	X'0000,1B21'
General audit record 035	6946	X'0000,1B22'
General audit record 036	6947	X'0000,1B23'
General audit record 037	6948	X'0000,1B24'
General audit record 038	6949	X'0000,1B25'
General audit record 039	6950	X'0000,1B26'
General audit record 040	6951	X'0000,1B27'
General audit record 041	6952	X'0000,1B28'
General audit record 042	6953	X'0000,1B29'
General audit record 043	6954	X'0000,1B2A'
General audit record 044	6955	X'0000,1B2B'
General audit record 045	6956	X'0000,1B2C'
General audit record 046	6957	X'0000,1B2D'
General audit record 047	6958	X'0000,1B2E'
General audit record 048	6959	X'0000,1B2F'
General audit record 049	6960	X'0000,1B30'
General audit record 050	6961	X'0000,1B31'
General audit record 051	6962	X'0000,1B32'
General audit record 052	6963	X'0000,1B33'
General audit record 053	6964	X'0000,1B34'
General audit record 054	6965	X'0000,1B35'
General audit record 055	6966	X'0000,1B36'
General audit record 056	6967	X'0000,1B37'
General audit record 057	6968	X'0000,1B38'
General audit record 058	6969	X'0000,1B39'
General audit record 059	6970	X'0000,1B3A'
General audit record 060	6971	X'0000,1B3B'
General audit record 061	6972	X'0000,1B3C'
General audit record 062	6973	X'0000,1B3D'
General audit record 063	6974	X'0000,1B3E'
General audit record 064	6975	X'0000,1B3F'
General audit record 065	6976	X'0000,1B40'
General audit record 066	6977	X'0000,1B41'
General audit record 067	6978	X'0000,1B42'
General audit record 068	6979	X'0000,1B43'

General audit record 069	6980	X'0000,1B44'
General audit record 070	6981	X'0000,1B45'
General audit record 071	6982	X'0000,1B46'
General audit record 072	6983	X'0000,1B47'
General audit record 073	6984	X'0000,1B48'
General audit record 074	6985	X'0000,1B49'
General audit record 075	6986	X'0000,1B4A'
General audit record 076	6987	X'0000,1B4B'
General audit record 077	6988	X'0000,1B4C'
General audit record 078	6989	X'0000,1B4D'
General audit record 079	6990	X'0000,1B4E'
General audit record 080	6991	X'0000,1B4F'
General audit record 081	6992	X'0000,1B50'
General audit record 082	6993	X'0000,1B51'
General audit record 083	6994	X'0000,1B52'
General audit record 084	6995	X'0000,1B53'
General audit record 085	6996	X'0000,1B54'
General audit record 086	6997	X'0000,1B55'
General audit record 087	6998	X'0000,1B56'
General audit record 088	6999	X'0000,1B57'
General audit record 089	7000	X'0000,1B58'
General audit record 090	7001	X'0000,1B59'
General audit record 091	7002	X'0000,1B5A'
General audit record 092	7003	X'0000,1B5B'
General audit record 093	7004	X'0000,1B5C'
General audit record 094	7005	X'0000,1B5D'
General audit record 095	7006	X'0000,1B5E'
General audit record 096	7007	X'0000,1B5F'
General audit record 097	7008	X'0000,1B60'
General audit record 098	7009	X'0000,1B61'
General audit record 099	7010	X'0000,1B62'
Group access has been revoked	284	X'0000,011C'
Group undefined	1793	X'0000,0701'
Incorrect pass phrase specified for EXPORT	17922	X'0000,4602'
Incorrect SCEP transaction id on GetCertInitial	21252	X'0000,5304'
Incorrect VERIFY certificate - not found	18436	X'0000,4804'
Insufficient auth for admin QUERY or DETAILS	18433	X'0000,4801'
Insufficient auth for admin UPDATECERT	18945	X'0000,4A01'
Insufficient auth for admin UPDATEREQ	18689	X'0000,4901'
Insufficient auth for user QRECOVER	22785	X'0000,5901'
Insufficient auth for EXPORT	17921	X'0000,4601'
Insufficient auth for GENCERT	17665	X'0000,4501'
Insufficient auth for GENRENEW	17669	X'0000,4505'

Insufficient auth for PREREGISTER	17673	X'0000,4509'
Insufficient auth for REQCERT	17667	X'0000,4503'
Insufficient auth for REQRENEW	17671	X'0000,4507'
Insufficient auth for RESPOND	20481	X'0000,5001'
Insufficient auth for REVOKE	18947	X'0000,4A03'
Insufficient auth for SCEPREQ	21253	X'0000,5305'
Insufficient auth for VERIFY	18435	X'0000,4803'
Insufficient auth to change ACL	19201	X'0000,4B01'
Insufficient auth to register the CERTAUTH certificate	17159	X'0000,4307'
Insufficient auth to remove ACL	19457	X'0000,4C01'
Insufficient authority (02)	513	X'0000,0201'
Insufficient authority (03)	769	X'0000,0301'
Insufficient authority (04)	1027	X'0000,0403'
Insufficient authority (07)	1795	X'0000,0703'
Insufficient authority (08)	2049	X'0000,0801'
Insufficient authority (09)	2305	X'0000,0901'
Insufficient authority (10)	2561	X'0000,0A01'
Insufficient authority (11)	2817	X'0000,0B01'
Insufficient authority (12)	3073	X'0000,0C01'
Insufficient authority (13)	3329	X'0000,0D01'
Insufficient authority (14)	3585	X'0000,0E01'
Insufficient authority (15)	3841	X'0000,0F01'
Insufficient authority (16)	4097	X'0000,1001'
Insufficient authority (17)	4353	X'0000,1101'
Insufficient authority (18)	4609	X'0000,1201'
Insufficient authority (19)	4865	X'0000,1301'
Insufficient authority (20)	5121	X'0000,1401'
Insufficient authority (21)	5377	X'0000,1501'
Insufficient authority (22)	5633	X'0000,1601'
Insufficient authority (23)	5889	X'0000,1701'
Insufficient authority (24)	6145	X'0000,1801'
Insufficient authority (25)	6401	X'0000,1901'
Insufficient authority (56)	15105	X'0000,3B01'
Insufficient authority (66)	16897	X'0000,4201'
Insufficient authority (87)	22273	X'0000,5701'
Insufficient security label authority (01)	266	X'0000,010A'
Insufficient security label authority (02)	519	X'0000,0207'
Insufficient security label authority (03)	770	X'0000,0302'
Insufficient security label authority (0410)	1034	X'0000,040A'
Insufficient security label authority (0414)	1038	X'0000,040E'
Insufficient security label authority (070b)	1803	X'0000,070B'
Insufficient security label authority (0709)	1801	X'0000,0709'
Insufficient CATEGORY/SECLEVEL	518	X'0000,0206'

Invalid application	261	X'0000,0105'
Invalid group (01)	258	X'0000,0102'
Invalid group (04)	1025	X'0000,0401'
Invalid new PASSWORD	282	X'0000,011A'
Invalid password	257	X'0000,0101'
Invalid terminal/console	260	X'0000,0104'
Invalid volume	1282	X'0000,0502'
Invalid OIDCARD	259	X'0000,0103'
Keyword violation detected	15106	X'0000,3B02'
Keyword violations detected (08)	2050	X'0000,0802'
Keyword violations detected (09)	2306	X'0000,0902'
Keyword violations detected (10)	2562	X'0000,0A02'
Keyword violations detected (11)	2818	X'0000,0B02'
Keyword violations detected (12)	3074	X'0000,0C02'
Keyword violations detected (13)	3330	X'0000,0D02'
Keyword violations detected (14)	3586	X'0000,0E02'
Keyword violations detected (15)	3842	X'0000,0F02'
Keyword violations detected (16)	4098	X'0000,1002'
Keyword violations detected (17)	4354	X'0000,1102'
Keyword violations detected (18)	4610	X'0000,1202'
Keyword violations detected (19)	4866	X'0000,1302'
Keyword violations detected (20)	5122	X'0000,1402'
Keyword violations detected (21)	5378	X'0000,1502'
Keyword violations detected (22)	5634	X'0000,1602'
Keyword violations detected (23)	5890	X'0000,1702'
Keyword violations detected (24)	6146	X'0000,1802'
Keyword violations detected (25)	6402	X'0000,1902'
Less specific profile exists with different security label (03)	771	X'0000,0303'
Less specific profile exists with different security label (04)	1033	X'0000,0409'
Less specific profile exists with different security label (07)	1804	X'0000,070C'
Local LU key will expire within 5 days	6658	X'0000,1A02'
Module certificate chain incorrect	22019	X'0000,5603'
Module signature failed verification	22018	X'0000,5602'
Network job entry-job not authorized	286	X'0000,011E'
New link created	10496	X'0000,2900'
New name not protected by security label	1036	X'0000,040C'
New pass phrase is not valid	293	X'0000,0125'
New security label must dominate old security label	1037	X'0000,040D'
No user id found for the certificate	17156	X'0000,4304'
No violation detected (66)	16896	X'0000,4200'
No violation detected (87)	22272	X'0000,5700'
No violations detected (08)	2048	X'0000,0800'
No violations detected (09)	2304	X'0000,0900'

No violations detected (10)	2560	X'0000,0A00'
No violations detected (11)	2816	X'0000,0B00'
No violations detected (12)	3072	X'0000,0C00'
No violations detected (13)	3328	X'0000,0D00'
No violations detected (14)	3584	X'0000,0E00'
No violations detected (15)	3840	X'0000,0F00'
No violations detected (16)	4096	X'0000,1000'
No violations detected (17)	4352	X'0000,1100'
No violations detected (18)	4608	X'0000,1200'
No violations detected (19)	4864	X'0000,1300'
No violations detected (20)	5120	X'0000,1400'
No violations detected (21)	5376	X'0000,1500'
No violations detected (22)	5632	X'0000,1600'
No violations detected (23)	5888	X'0000,1700'
No violations detected (24)	6144	X'0000,1800'
No violations detected (25)	6400	X'0000,1900'
No RACF user id found for distributed identity (01)	295	X'0000,0127'
No RACF user id found for distributed identity (67)	17162	X'0000,430A'
No UNIX UID in user profile	9730	X'0000,2602'
Node successfully created	11008	X'0000,2B00'
Not authorized	18180	X'0000,4704'
Not authorized - insufficient traverse auth	18181	X'0000,4705'
Not authorized because of timeof-day check	18182	X'0000,4706'
Not authorized to access specified process (37)	9473	X'0000,2501'
Not authorized to access specified process (40)	10241	X'0000,2801'
Not authorized to access specified process (46)	11777	X'0000,2E01'
Not authorized to access specified process (58)	14849	X'0000,3A01'
Not authorized to access specified process (63)	16129	X'0000,3F01'
Not authorized to call DataPut	21507	X'0000,5403'
Not authorized to call DataRemove	21509	X'0000,5405'
Not authorized to call DelRing	21511	X'0000,5407'
Not authorized to call NewRing	21505	X'0000,5401'
Not authorized to change security label	19713	X'0000,4D01'
Not authorized to register the certificate	17154	X'0000,4302'
Not authorized to search directory	7169	X'0000,1C01'
Not authorized to security label	267	X'0000,010B'
Not authorized to setegid	12545	X'0000,3101'
Not authorized to seteuid	12801	X'0000,3201'
Not authorized to setgid	13057	X'0000,3301'
Not authorized to setuid	13313	X'0000,3401'
Not authorized to unregister the certificate	17155	X'0000,4303'
Not authorized to IRR.WRITEDOWN.BYUSER	19969	X'0000,4E01'
Oidcard is required	285	X'0000,011D'

Partner verification successful	6656	X'0000,1A00'
Partner LU access has been revoked	6659	X'0000,1A03'
Partner LU key does not match this LU key	6660	X'0000,1A04'
Pass phrase is not valid	292	X'0000,0124'
Password not valid or user id is revoked	15111	X'0000,3B07'
Possible security attack by partner LU	6663	X'0000,1A07'
Process completed	9984	X'0000,2700'
Profile change during verification	6667	X'0000,1A0B'
Profile not found-required for authority checking	524	X'0000,020C'
Profile not found-RACFIND specified on macro	514	X'0000,0202'
Program verification module not loaded.	22022	X'0000,5606'
Re-authentication required - MFA partial success	299	X'0000,012B'
Rejected PKCSReq or GetCertInitial request	21251	X'0000,5303'
Remote job entry-job not authorized	271	X'0000,010F'
Rename successful	12032	X'0000,2F00'
Requested function successful	19968	X'0000,4E00'
Required SESSION KEY not defined	6662	X'0000,1A06'
Resource name already defined (04)	1028	X'0000,0404'
Resource name already defined (07)	1796	X'0000,0704'
Resource not found	1281	X'0000,0501'
Resource not protected (04)	1030	X'0000,0406'
Resource not protected (07)	1798	X'0000,0706'
Resource not protected by security label	1035	X'0000,040B'
Revoked user id attempting access	262	X'0000,0106'
S_ISUID, S_ISGID, S_ISVTX bits changed to zero (write)	8960	X'0000,2300'
Security label change successful	19712	X'0000,4D00'
Security label failure (28)	7170	X'0000,1C02'
Security label failure (29)	7426	X'0000,1D02'
Security label failure (30)	7682	X'0000,1E02'
Security label failure (31)	7939	X'0000,1F03'
Security label failure (33)	8450	X'0000,2102'
Security label failure (34)	8706	X'0000,2202'
Security label failure (40)	10242	X'0000,2802'
Security label failure (46)	11778	X'0000,2E02'
Security label failure (56)	14338	X'0000,3802'
Security label failure (60)	15362	X'0000,3C02'
Security label failure (61)	15617	X'0000,3D01'
Security label failure (62)	15874	X'0000,3E02'
Security label failure (64)	16386	X'0000,4002'
Security label failure (75)	19202	X'0000,4B02'
Security label failure (76)	19458	X'0000,4C02'
Security label missing from job, user or profile	520	X'0000,0208'
Security labels not compatible	279	X'0000,0117'

Self-test failed verifying program verification module	22023	X'0000,5607'
Session established without verification	6657	X'0000,1A01'
Session terminated for security reason	6661	X'0000,1A05'
Signature required but module not signed	22020	X'0000,5604'
Signature required but signature has been removed	22021	X'0000,5605'
Signature valid but root CA certificate not trusted	22017	X'0000,5601'
Submitter is not authorized by user	273	X'0000,0111'
Submitter is not authorized to security label	274	X'0000,0112'
Success (68)	17408	X'0000,4400'
Success (81)	20736	X'0000,5100'
Success (82)	20992	X'0000,5200'
Successful access	512	X'0000,0200'
Successful admin QUERY or DETAILS request	18432	X'0000,4800'
Successful admin UPDATECERT request	18944	X'0000,4A00'
Successful admin UPDATEREQ request	18688	X'0000,4900'
Successful adminapprove PKCSReq request	21249	X'0000,5301'
Successful autoapprove PKCSReq request	21248	X'0000,5300'
Successful autoRenew	21760	X'0000,5500'
Successful certificate deregistration	17153	X'0000,4301'
Successful certificate registration	17152	X'0000,4300'
Successful change of effective UNIX GID	12544	X'0000,3100'
Successful change of effective UNIX UID	12800	X'0000,3200'
Successful change of UNIX GIDs	13056	X'0000,3300'
Successful change of UNIX UIDs	13312	X'0000,3400'
Successful change of UNIX UIDs and GIDs	9216	X'0000,2400'
Successful creation of isp	15616	X'0000,3D00'
Successful definition	1792	X'0000,0700'
Successful deletion	1536	X'0000,0600'
Successful initiation	256	X'0000,0100'
Successful initiation using PassTicket	288	X'0000,0120'
Successful listing of datasets (08)	2051	X'0000,0803'
Successful listing of datasets (11)	2819	X'0000,0B03'
Successful listing of datasets (15)	3843	X'0000,0F03'
Successful mount	11264	X'0000,2C00'
Successful processing of new volume	768	X'0000,0300'
Successful profile modification	22528	X'0000,5800'
Successful publication of revocation information	20224	X'0000,4F00'
Successful r_audit	16640	X'0000,4100'
Successful rename	1024	X'0000,0400'
Successful rmdir	12288	X'0000,3000'
Successful scratch	1280	X'0000,0500'
Successful signature verification	22016	X'0000,5600'
Successful symlink	13568	X'0000,3500'

Successful termination	264	X'0000,0108'
Successful unlink	13824	X'0000,3600'
Successful unmount	14080	X'0000,3700'
Successful user QRECOVER request	22784	X'0000,5900'
Successful CERTAUTH certificate registration	17158	X'0000,4306'
Successful DataPut	21506	X'0000,5402'
Successful DataRemove	21508	X'0000,5404'
Successful DelRing	21510	X'0000,5406'
Successful EXPORT request	17920	X'0000,4600'
Successful GetCertInitial request	21250	X'0000,5302'
Successful GENCERT request	17664	X'0000,4500'
Successful GENRENEW request	17668	X'0000,4504'
Successful Multifactor Authentication	296	X'0000,0128'
Successful NewRing	21504	X'0000,5400'
Successful PREREGISTER request	17672	X'0000,4508'
Successful RACINIT delete	269	X'0000,010D'
Successful RACINIT initiation	268	X'0000,010C'
Successful REQCERT request	17666	X'0000,4502'
Successful REQRENEW request	17670	X'0000,4506'
Successful RESPOND request	20480	X'0000,5000'
Successful REVOKE request	18946	X'0000,4A02'
Successful VERIFY request	18434	X'0000,4802'
System error in listing of data sets (08)	2052	X'0000,0804'
System error in listing of data sets (11)	2820	X'0000,0B04'
System error in listing of data sets (15)	3844	X'0000,0F04'
System now requires more authority setropts mlquiet	270	X'0000,010E'
SESSION KEY not defined for partner LU	6664	X'0000,1A08'
SESSION KEY not defined for this LU	6665	X'0000,1A09'
SITE or CERTAUTH certificate used to authenticate a user	17161	X'0000,4309'
SNA security-related protocol error	6666	X'0000,1A0A'
SURROGATE class is inactive	272	X'0000,0110'
The certificate is not trusted	17157	X'0000,4305'
Undefined user id	265	X'0000,0109'
Unix process successfully initiated	9728	X'0000,2600'
User automatically revoked due to inactivity	291	X'0000,0123'
User id automatically revoked	263	X'0000,0107'
User in second qualifier is not RACF defined (04)	1032	X'0000,0408'
User in second qualifier is not RACF-defined (07)	1802	X'0000,070A'
User is authorized	14592	X'0000,3900'
User is not authorized to job	275	X'0000,0113'
User is not authorized to use requested function	14593	X'0000,3901'
User is not the owner (56)	14337	X'0000,3801'
User is not the owner (64)	16385	X'0000,4001'

User is the owner (56)	14336	X'0000,3800'
User is the owner (64)	16384	X'0000,4000'
User not defined as a UNIX user	9729	X'0000,2601'
User not defined to RACF (04)	1029	X'0000,0405'
User not defined to RACF (07)	1797	X'0000,0705'
User not in group (04)	1026	X'0000,0402'
User not in group (07)	1794	X'0000,0702'
User's current group has no UNIX GID	9731	X'0000,2603'
Verification failed by installation	283	X'0000,011B'
Warning issued due to PROTECTALL	517	X'0000,0205'
Warning: not authorized	18177	X'0000,4701'
Warning: not authorized - insufficient traverse auth	18178	X'0000,4702'
Warning: not authorized - timeof-day check	18179	X'0000,4703'
WARNING-data set not cataloged	522	X'0000,020A'
WARNING-insufficient security label authority (01)	276	X'0000,0114'
WARNING-insufficient security label authority (02)	521	X'0000,0209'
WARNING-insufficient CATEGORY/SECLEVEL	525	X'0000,020D'
WARNING-new name not protected by security label	1040	X'0000,0410'
WARNING-new security label must dominate old security label	1041	X'0000,0411'
WARNING-not authorized to security label	278	X'0000,0116'
WARNING-resource not protected (04)	1031	X'0000,0407'
WARNING-resource not protected (07)	1799	X'0000,0707'
WARNING-resource not protected by security label	1039	X'0000,040F'
WARNING-security label missing from job, user, or profile (01)	277	X'0000,0115'
WARNING-security label missing from job, user, or profile (07)	1800	X'0000,0708'
WARNING-security labels not compatible	280	X'0000,0118'
WARNING-unknown user from trusted node propagated	287	X'0000,011F'
WARNING-Non-MAIN execution environment	526	X'0000,020E'

SMF 80 ENUM: zSERVICE

Field Name	SMF Record	Segment Name
zSERVICE	80	SMF080_Service_Processed

Display Text	Value	Hex Value
ACC_DISC	97	X'0000,0061'
ACC_RECV	96	X'0000,0060'
ACC_SEND	95	X'0000,005F'
ACCESS	1	X'0000,0001'
AUTHCHECK	94	X'0000,005E'
BIND	91	X'0000,005B'
CHATTR	59	X'0000,003B'
CHAUDIT_A	37	X'0000,0025'
CHAUDIT_U	2	X'0000,0002'
CHDIR	3	X'0000,0003'
CHMOD	4	X'0000,0004'
CHMOUNT	109	X'0000,006D'
CHMOUNT_SETUID	110	X'0000,006E'
CHOWN	5	X'0000,0005'
CHROOT	88	X'0000,0058'
CONSOLE	99	X'0000,0063'
DUB	6	X'0000,0006'
EACCESS	113	X'0000,0071'
ENDOF_TAB	125	X'0000,007D'
EXEC	7	X'0000,0007'
FCHATTR	60	X'0000,003C'
FCHAUDIT_A	38	X'0000,0026'
FCHAUDIT_U	8	X'0000,0008'
FCHDIR	87	X'0000,0057'
FCHMOD	9	X'0000,0009'
FCHOWN	10	X'0000,000A'
FSACCESS	123	X'0000,007B'
GETCWD	11	X'0000,000B'
GETMNT	42	X'0000,002A'
GETPSENT	12	X'0000,000C'
IOCTL	41	X'0000,0029'
KILL	13	X'0000,000D'
LCHATTR	116	X'0000,0074'
LCHOWN	79	X'0000,004F'
LINK	14	X'0000,000E'
LOGIN	104	X'0000,0068'
LOOKUP	39	X'0000,0027'
LSTAT	15	X'0000,000F'

MKDIR	16	X'0000,0010'
MKNOD	17	X'0000,0011'
MOUNT	18	X'0000,0012'
MOUNT_NA	118	X'0000,0076'
MOUNT_SETUID	105	X'0000,0069'
MOUNT_U	119	X'0000,0077'
MOUNT_UNA	120	X'0000,0078'
MSGCTL	62	X'0000,003E'
MSGGET	63	X'0000,003F'
MSGRCV	64	X'0000,0040'
MSGSEND	65	X'0000,0041'
NEWGRP	98	X'0000,0062'
NICE	84	X'0000,0054'
OPEN	19	X'0000,0013'
OPENDIR	20	X'0000,0014'
PASSWORD	78	X'0000,004E'
PATHCONF	21	X'0000,0015'
PFCTL	81	X'0000,0051'
POE	115	X'0000,0073'
PTRACE	22	X'0000,0016'
QUIESCE	43	X'0000,002B'
QUIESCE_SETUID	107	X'0000,006B'
READLINK	23	X'0000,0017'
REALPATH	89	X'0000,0059'
REMOVE	74	X'0000,004A'
RENAME	24	X'0000,0018'
RMDIR	25	X'0000,0019'
SEMCTL	66	X'0000,0042'
SEMGET	67	X'0000,0043'
SEMOP	68	X'0000,0044'
SERV_INIT	100	X'0000,0064'
SET_GID	77	X'0000,004D'
SET_MODE	75	X'0000,004B'
SET_MSGQB	76	X'0000,004C'
SETEGID	26	X'0000,001A'
SETEUID	27	X'0000,001B'
SETFACL	111	X'0000,006F'
SETFSECL	114	X'0000,0072'
SETGID	28	X'0000,001C'
SETPRIORITY	83	X'0000,0053'
SETREGID	71	X'0000,0047'
SETREUID	85	X'0000,0055'
SETRLIMIT	82	X'0000,0052'

SETUID	29	X'0000,001D'
SHMAT	69	X'0000,0045'
SHMCTL	70	X'0000,0046'
SHMGET	72	X'0000,0048'
SHMMCV	124	X'0000,007C'
SHUTDOWN_REG	112	X'0000,0070'
SIGACTION	50	X'0000,0032'
SOCKET	92	X'0000,005C'
SPAWN	101	X'0000,0065'
STAT	30	X'0000,001E'
STATVFS	90	X'0000,005A'
SWAP_SERV	102	X'0000,0066'
SYMLINK	31	X'0000,001F'
THLMT	61	X'0000,003D'
THREAD_SEC	93	X'0000,005D'
TRUNCATE	80	X'0000,0050'
TTYNAME	40	X'0000,0028'
UNAVAILABLE	117	X'0000,0075'
UNDUB_EXIT	35	X'0000,0023'
UNLINK	32	X'0000,0020'
UNMOUNT	33	X'0000,0021'
UNMOUNT_SETUID	106	X'0000,006A'
UNMOUNT_U	121	X'0000,0079'
UNMOUNT_UNA	122	X'0000,007A'
UNQUIESCE	44	X'0000,002C'
UNQUIESCE_SETUID	108	X'0000,006C'
UTIME	34	X'0000,0022'
VCREATE	51	X'0000,0033'
VLINK	55	X'0000,0037'
VLOOKUP	47	X'0000,002F'
VMAKEDIR	52	X'0000,0034'
VREaddir	49	X'0000,0031'
VREADWRITE	48	X'0000,0030'
VREGISTER	45	X'0000,002D'
VREMOVE	57	X'0000,0039'
VREMOVEDIR	56	X'0000,0038'
VRENAME	58	X'0000,003A'
VRESOLVEPN	46	X'0000,002E'
VSETATTR	54	X'0000,0036'
VSymlink	53	X'0000,0035'
WGETIPC	73	X'0000,0049'
WLMC	103	X'0000,0067'
WRITE	36	X'0000,0024'

WRITEV	86	X'0000,0056'
--------	----	--------------

SMF 80 ENUM: zSECURITY

Field Name	SMF Record	Segment Name
zSECURITY	80	SMF080_UNIX_Security

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 80 ENUM: STYP

Field Name	SMF Record	Segment Name
STYP	80	SMF080_User_Security_Token

Display Text	Value	Hex Value
	0	X'0000,0000'
APPC	19	X'0000,0013'
BCH	7	X'0000,0007'
CMND	2	X'0000,0002'
CONS	3	X'0000,0003'
EBCH	12	X'0000,000C'
EXBM	16	X'0000,0010'
IP	21	X'0000,0015'
MNT	5	X'0000,0005'
NBCH	14	X'0000,000E'
NJE	10	X'0000,000A'
NJEUS	11	X'0000,000B'
NSYS	15	X'0000,000F'
NXBM	18	X'0000,0012'
OSRV	20	X'0000,0014'
RBCH	13	X'0000,000D'
RJE	9	X'0000,0009'
RXBM	17	X'0000,0011'
SAS	1	X'0000,0001'
STP	4	X'0000,0004'
TSO	6	X'0000,0006'
XBM	8	X'0000,0008'

SMF 80 ENUM: TOKPOEX

Field Name	SMF Record	Segment Name
TOKPOEX	80	SMF080_User_Security_Token

Display Text	Value	Hex Value
	0	X'0000,0000'
APOINT	4	X'0000,0004'
CON	2	X'0000,0002'
JESI	3	X'0000,0003'
SERV	5	X'0000,0005'
TERM	1	X'0000,0001'

SMF 82 ENUM: zFTN

Field Name	SMF Record	Segment Name
zFTN	82	SMF082_CUSP#PCF_Hdr

Display Text	Value	Hex Value
GENKEY	2	X'0000,0002'
Hardware check	7	X'0000,0007'
KEY generator	1	X'0000,0001'
MODIFY	6	X'0000,0006'
RETKEY	3	X'0000,0003'
START	4	X'0000,0004'
STOP	5	X'0000,0005'

SMF 82 ENUM: zTID

Field Name	SMF Record	Segment Name
zTID	82	SMF082_CUSP#PCF_Hdr

Display Text	Value	Hex Value
CUSP	2	X'0000,0002'
PCF	1	X'0000,0001'

SMF 82 ENUM: zKAP

Field Name	SMF Record	Segment Name
zKAP	82	SMF082_ICSF_07_Oper_Key

Display Text	Value	Hex Value
CEX2C	7	X'0000,0007'
CEX3C	9	X'0000,0009'
CEX4C	10	X'0000,000A'
CEX5C	11	X'0000,000B'
CEX6C or higher	12	X'0000,000C'
PCIXCC	5	X'0000,0005'

SMF 82 ENUM: zAAP

Field Name	SMF Record	Segment Name
zAAP	82	SMF082_ICSF_14_Master_Key

Display Text	Value	Hex Value
CEX2C	7	X'0000,0007'
CEX3C	9	X'0000,0009'
CEX4C	10	X'0000,000A'
CEX5C	11	X'0000,000B'
CEX6C or higher	12	X'0000,000C'
PCIXCC	5	X'0000,0005'

SMF 82 ENUM: zRAP

Field Name	SMF Record	Segment Name
zRAP	82	SMF082_ICSF_15_Key_Create_Del

Display Text	Value	Hex Value
CEX2C	7	X'0000,0007'
CEX3C	9	X'0000,0009'
CEX4C	10	X'0000,000A'
CEX5C	11	X'0000,000B'
CEX6C or higher	12	X'0000,000C'
PCIXCC	5	X'0000,0005'

SMF 82 ENUM: zPAP

Field Name	SMF Record	Segment Name
zPAP	82	SMF082_ICSF_16_TKE

Display Text	Value	Hex Value
CEX2C	7	X'0000,0007'
CEX3C	9	X'0000,0009'
CEX4C	10	X'0000,000A'
CEX5C	11	X'0000,000B'
CEX6C or higher	12	X'0000,000C'
PCIXCC	5	X'0000,0005'

SMF 82 ENUM: zTPT

Field Name	SMF Record	Segment Name
zTPT	82	SMF082_ICSF_20_Process_Times

Display Text	Value	Hex Value
CEX2A	6	X'0000,0006'
CEX2C	7	X'0000,0007'
CEX3A	8	X'0000,0008'
CEX3C	9	X'0000,0009'
CEX4	10	X'0000,000A'
CEX5	11	X'0000,000B'
CEX6 or higher	12	X'0000,000C'
PCICA	4	X'0000,0004'
PCIXCC	5	X'0000,0005'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0201

Display Text	Value	Hex Value
Crypto card usage count	513	X'0000,0201'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0202

Display Text	Value	Hex Value
RCS usage count	514	X'0000,0202'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0203

Display Text	Value	Hex Value
CPACF usage count	515	X'0000,0203'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0204

Display Text	Value	Hex Value
Crypto software usage coun	516	X'0000,0204'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0205

Display Text	Value	Hex Value
ICSF callable service usage count	517	X'0000,0205'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0206

Display Text	Value	Hex Value
UDX service usage count	518	X'0000,0206'

SMF 82 ENUM: zAUD_TRIPL_TAGe

Field Name	SMF Record	Segment Name
zAUD_TRIPL_TAGe	82	SMF082_ICSF_31_X0207

Display Text	Value	Hex Value
Crypto algorithm usage count	519	X'0000,0207'

SMF 83 ENUM: zVRM

Field Name	SMF Record	Segment Name
zVRM	83	SMF083_Security1

Display Text	Value	Hex Value
z/OS SEC SERV (RACF) V1 R0	-134745360	X'F7F7,F2F0'
z/OS SEC SERV (RACF) V1 R1	-134745869	X'F7F7,F0F3'
z/OS SEC SERV (RACF) V1 R10	-134744592	X'F7F7,F5F0'
z/OS SEC SERV (RACF) V1 R11	-134744336	X'F7F7,F6F0'
z/OS SEC SERV (RACF) V1 R12	-134744080	X'F7F7,F7F0'
z/OS SEC SERV (RACF) V1 R13	-134743824	X'F7F7,F8F0'
z/OS SEC SERV (RACF) V1 R2	-134745867	X'F7F7,F0F5'
z/OS SEC SERV (RACF) V1 R3	-134745866	X'F7F7,F0F6'
z/OS SEC SERV (RACF) V1 R4	-134745865	X'F7F7,F0F7'
z/OS SEC SERV (RACF) V1 R5	-134745864	X'F7F7,F0F8'
z/OS SEC SERV (RACF) V1 R6	-134745863	X'F7F7,F0F9'
z/OS SEC SERV (RACF) V1 R8	-134744077	X'F7F7,F7F3'
z/OS SEC SERV (RACF) V1 R9	-134744848	X'F7F7,F4F0'
z/OS SEC SERV (RACF) V2 R1	-134743568	X'F7F7,F9F0'
z/OS SEC SERV (RACF) V2 R2	-134757904	X'F7F7,C1F0'
z/OS SEC SERV (RACF) V2 R3	-134757648	X'F7F7,C2F0'
OS/390 SEC SERV (RACF) V1 R2	-219090192	X'F2F0,F2F0'
OS/390 SEC SERV (RACF) V1 R3	-219089936	X'F2F0,F3F0'
OS/390 SEC SERV (RACF) V2 R4	-219089680	X'F2F0,F4F0'
OS/390 SEC SERV (RACF) V2 R6		X'F2F0,F6F0'

	-219089168	
OS/390 SEC SERV (RACF) V2 R8	-218697480	X'F2F6,F0F8'

SMF 83 ENUM: zVRM

Field Name	SMF Record	Segment Name
zVRM	83	SMF083_Security2

Display Text	Value	Hex Value
z/OS SEC SERV (RACF) V1 R0	-134745360	X'F7F7,F2F0'
z/OS SEC SERV (RACF) V1 R1	-134745869	X'F7F7,F0F3'
z/OS SEC SERV (RACF) V1 R10	-134744592	X'F7F7,F5F0'
z/OS SEC SERV (RACF) V1 R11	-134744336	X'F7F7,F6F0'
z/OS SEC SERV (RACF) V1 R12	-134744080	X'F7F7,F7F0'
z/OS SEC SERV (RACF) V1 R13	-134743824	X'F7F7,F8F0'
z/OS SEC SERV (RACF) V1 R2	-134745867	X'F7F7,F0F5'
z/OS SEC SERV (RACF) V1 R3	-134745866	X'F7F7,F0F6'
z/OS SEC SERV (RACF) V1 R4	-134745865	X'F7F7,F0F7'
z/OS SEC SERV (RACF) V1 R5	-134745864	X'F7F7,F0F8'
z/OS SEC SERV (RACF) V1 R6	-134745863	X'F7F7,F0F9'
z/OS SEC SERV (RACF) V1 R8	-134744077	X'F7F7,F7F3'
z/OS SEC SERV (RACF) V1 R9	-134744848	X'F7F7,F4F0'
z/OS SEC SERV (RACF) V2 R1	-134743568	X'F7F7,F9F0'
z/OS SEC SERV (RACF) V2 R2	-134757904	X'F7F7,C1F0'
z/OS SEC SERV (RACF) V2 R3	-134757648	X'F7F7,C2F0'
OS/390 SEC SERV (RACF) V1 R2	-219090192	X'F2F0,F2F0'
OS/390 SEC SERV (RACF) V1 R3	-219089936	X'F2F0,F3F0'
OS/390 SEC SERV (RACF) V2 R4	-219089680	X'F2F0,F4F0'
OS/390 SEC SERV (RACF) V2 R6	-219089168	X'F2F0,F6F0'
OS/390 SEC SERV (RACF) V2 R8	-218697480	X'F2F6,F0F8'

SMF 85 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	85	SMF085_OAM_Transaction_Performance

Display Text	Value	Hex Value
LCS File System Physical Delete	92	X'0000,005C'
LCS File System Physical Delete (Cleanup)	93	X'0000,005D'
LCS File System Read	91	X'0000,005B'
LCS File System Write	90	X'0000,005A'
LCS Object Tape Logical Delete	88	X'0000,0058'
LCS Object Tape Read	79	X'0000,004F'
LCS Object Tape Volume Demount (OAM usage)	87	X'0000,0057'
LCS Object Tape Write	78	X'0000,004E'
LCS Optical Cartridge Eject	69	X'0000,0045'
LCS Optical Cartridge Entry	68	X'0000,0044'
LCS Optical Cartridge Label	70	X'0000,0046'
LCS Optical Drive Vary Offline	65	X'0000,0041'
LCS Optical Drive Vary Online	64	X'0000,0040'
LCS Optical Library Vary Offline	67	X'0000,0043'
LCS Optical Library Vary Online	66	X'0000,0042'
LCS Optical Logical Delete	76	X'0000,004C'
LCS Optical Physical Delete	77	X'0000,004D'
LCS Optical Read	75	X'0000,004B'
LCS Optical Volume Audit	71	X'0000,0047'
LCS Optical Volume Demount	73	X'0000,0049'
LCS Optical Volume Mount	72	X'0000,0048'
LCS Optical Write	74	X'0000,004A'
OSMC DASD Space Management	33	X'0000,0021'
OSMC Immediate Backup	39	X'0000,0027'
OSMC Library Space Management	37	X'0000,0025'
OSMC Move Volume Utility	35	X'0000,0023'
OSMC Single Object Recall Utility	38	X'0000,0026'
OSMC Single Object Recovery Utility	36	X'0000,0024'
OSMC Storage Group Processing	32	X'0000,0020'
OSMC Tape Recycle	40	X'0000,0028'
OSMC Volume Recovery Utility	34	X'0000,0022'
OSREQ Access	1	X'0000,0001'
OSREQ Change	5	X'0000,0005'
OSREQ Delete	6	X'0000,0006'
OSREQ Query	4	X'0000,0004'
OSREQ Retrieve	3	X'0000,0003'

OSREQ Store	2	X'0000,0002'
OSREQ STOREBEG	8	X'0000,0008'
OSREQ STOREEND	10	X'0000,000A'
OSREQ STOREPRT	9	X'0000,0009'
OSREQ Unaccess	7	X'0000,0007'

SMF 86 ENUM: zAuthMode

Field Name	SMF Record	Segment Name
zAuthMode	86	SMF086_01_Authentication

Display Text	Value	Hex Value
ATTLS	2	X'0000,0002'
Basic	1	X'0000,0001'
Local	0	X'0000,0000'

SMF 86 ENUM: zAuthResult

Field Name	SMF Record	Segment Name
zAuthResult	86	SMF086_01_Authentication

Display Text	Value	Hex Value
Failed	1	X'0000,0001'
Success	0	X'0000,0000'

SMF 86 ENUM: zPropChange

Field Name	SMF Record	Segment Name
zPropChange	86	SMF086_02_Configuration

Display Text	Value	Hex Value
Current	1	X'0000,0001'
List	0	X'0000,0000'
Planned	2	X'0000,0002'

SMF 86 ENUM: zCurrentStatus

Field Name	SMF Record	Segment Name
zCurrentStatus	86	SMF086_03_Provider_Status

Display Text	Value	Hex Value
Degraded	8	X'0000,0008'
Error	64	X'0000,0040'
In Service	2048	X'0000,0800'
Lost Communication	8192	X'0000,2000'
No Contact	4096	X'0000,1000'
Non-Recoverable Error	128	X'0000,0080'
Other	2	X'0000,0002'
OK	4	X'0000,0004'
Predictive Failure	32	X'0000,0020'
Starting	256	X'0000,0100'
Stopped	1024	X'0000,0400'
Stopping	512	X'0000,0200'
Stressed	16	X'0000,0010'
Undefined	0	X'0000,0000'
Unknown	1	X'0000,0001'

SMF 86 ENUM: zNewStatus

Field Name	SMF Record	Segment Name
zNewStatus	86	SMF086_03_Provider_Status

Display Text	Value	Hex Value
Degraded	8	X'0000,0008'
Error	64	X'0000,0040'
In Service	2048	X'0000,0800'
Lost Communication	8192	X'0000,2000'
No Contact	4096	X'0000,1000'
Non-Recoverable Error	128	X'0000,0080'
Other	2	X'0000,0002'
OK	4	X'0000,0004'
Predictive Failure	32	X'0000,0020'
Starting	256	X'0000,0100'
Stopped	1024	X'0000,0400'
Stopping	512	X'0000,0200'
Stressed	16	X'0000,0010'
Undefined	0	X'0000,0000'
Unknown	1	X'0000,0001'

SMF 86 ENUM: zCIMOpType

Field Name	SMF Record	Segment Name
zCIMOpType	86	SMF086_04_CIM_Operations

Display Text	Value	Hex Value
Class Ops	0	X'0000,0000'
Instance Ops	2	X'0000,0002'
Invoke Method	3	X'0000,0003'
Qualifier Ops	1	X'0000,0001'

SMF 86 ENUM: zCIMStatusCodee

Field Name	SMF Record	Segment Name
zCIMStatusCodee	86	SMF086_04_CIM_Operations

Display Text	Value	Hex Value
Access denied	2	X'0000,0002'
Already exists	11	X'0000,000B'
Class has children	8	X'0000,0008'
Class has instances	9	X'0000,0009'
Failed	1	X'0000,0001'
Invalid query	15	X'0000,000F'
Invalid Class	5	X'0000,0005'
Invalid Namespace	3	X'0000,0003'
Invalid Parameter	4	X'0000,0004'
Invalid Superclass	10	X'0000,000A'
Method not available	16	X'0000,0010'
Method not found	17	X'0000,0011'
No such property	12	X'0000,000C'
Not found	6	X'0000,0006'
Not supported	7	X'0000,0007'
Query lang. unsupported	14	X'0000,000E'
Success	0	X'0000,0000'
Type mismatch	13	X'0000,000D'

SMF 86 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	86	SMF086_CIM_server

Display Text	Value	Hex Value
Authentication	1	X'0000,0001'
Configuration	2	X'0000,0002'
CIM Operations	4	X'0000,0004'
Provider Status	3	X'0000,0003'

SMF 87 ENUM: zQSCAN_SCANACTION

Field Name	SMF Record	Segment Name
zQSCAN_SCANACTION	87	SMF087_01_QSCAN

Display Text	Value	Hex Value
Resume	2	X'0000,0002'
Start	1	X'0000,0001'

SMF 87 ENUM: zENQ_REQUESTTYPE

Field Name	SMF Record	Segment Name
zENQ_REQUESTTYPE	87	SMF087_02_ENQ

Display Text	Value	Hex Value
ECB	4	X'0000,0004'
RET=CHNG	2	X'0000,0002'
RET=HAVE	1	X'0000,0001'
RET=NONE	0	X'0000,0000'
RET=TEST	7	X'0000,0007'
RET=USE	3	X'0000,0003'

SMF 87 ENUM: zENQ_SCOPE

Field Name	SMF Record	Segment Name
zENQ_SCOPE	87	SMF087_02_ENQ

Display Text	Value	Hex Value
Step	1	X'0000,0001'
System	2	X'0000,0002'
Systems	3	X'0000,0003'

SMF 87 ENUM: zENQ_REQUESTTYPE

Field Name	SMF Record	Segment Name
zENQ_REQUESTTYPE	87	SMF087_02_ISGENQ

Display Text	Value	Hex Value
CHANGE	2	X'0000,0002'
CONACT=FAIL	3	X'0000,0003'
CONDNO	0	X'0000,0000'
CONDYES	1	X'0000,0001'
TEST=YES	7	X'0000,0007'
WAITTYPE=ECB	4	X'0000,0004'

SMF 87 ENUM: zENQ_SCOPE

Field Name	SMF Record	Segment Name
zENQ_SCOPE	87	SMF087_02_ISGENQ

Display Text	Value	Hex Value
Step	1	X'0000,0001'
System	2	X'0000,0002'
Systems	3	X'0000,0003'

SMF 87 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	87	SMF087_GRS_Monitoring

Display Text	Value	Hex Value
ENQ	2	X'0000,0002'
QSCAN	1	X'0000,0001'

SMF 89 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	89	SMF089_01_Usage

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 89 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	89	SMF089_02_State

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 89 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	89	SMF089_Usage_Data

Display Text	Value	Hex Value
State Data Interval	2	X'0000,0002'
Usage Data Interval	1	X'0000,0001'

SMF 90 ENUM: zAUTHSETSMF

Field Name	SMF Record	Segment Name
zAUTHSETSMF	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
AUTHSETSMF	2	X'0000,0002'
NOAUTHSETSMF	1	X'0000,0001'

SMF 90 ENUM: zLASTDS

Field Name	SMF Record	Segment Name
zLASTDS	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LASTDS(HALT)	1	X'0000,0001'
LASTDS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zLISTDSN

Field Name	SMF Record	Segment Name
zLISTDSN	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LISTDSN	2	X'0000,0002'
NOLISTDSN	1	X'0000,0001'

SMF 90 ENUM: zNOBUFFS

Field Name	SMF Record	Segment Name
zNOBUFFS	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOBUFFS(HALT)	1	X'0000,0001'
NOBUFFS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zPROMPT

Field Name	SMF Record	Segment Name
zPROMPT	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOPROMPT	1	X'0000,0001'
PROMPT(ALL)	8	X'0000,0008'
PROMPT(IPLR)	2	X'0000,0002'
PROMPT(LIST)	4	X'0000,0004'

SMF 90 ENUM: zREC

Field Name	SMF Record	Segment Name
zREC	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
REC(ALL)	1	X'0000,0001'
REC(PERM)	2	X'0000,0002'

SMF 90 ENUM: zSID

Field Name	SMF Record	Segment Name
zSID	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
{Default}	32	X'0000,0020'
SID(xxxx)	16	X'0000,0010'
SID(xxxx,ser#)	8	X'0000,0008'
SID(xxxx,COMBIN(ser#))	1	X'0000,0001'
SID(xxxx,SYSNAME(sysname))	4	X'0000,0004'

SMF 90 ENUM: zSMF30COUNT

Field Name	SMF Record	Segment Name
zSMF30COUNT	90	SMF090_05_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOSMF30COUNT	1	X'0000,0001'
SMF30COUNT	2	X'0000,0002'

SMF 90 ENUM: zAUTHSETSMF

Field Name	SMF Record	Segment Name
zAUTHSETSMF	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
AUTHSETSMF	2	X'0000,0002'
NOAUTHSETSMF	1	X'0000,0001'

SMF 90 ENUM: zLASTDS

Field Name	SMF Record	Segment Name
zLASTDS	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LASTDS(HALT)	1	X'0000,0001'
LASTDS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zLISTDSN

Field Name	SMF Record	Segment Name
zLISTDSN	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LISTDSN	2	X'0000,0002'
NOLISTDSN	1	X'0000,0001'

SMF 90 ENUM: zNOBUFFS

Field Name	SMF Record	Segment Name
zNOBUFFS	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOBUFFS(HALT)	1	X'0000,0001'
NOBUFFS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zPROMPT

Field Name	SMF Record	Segment Name
zPROMPT	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOPROMPT	1	X'0000,0001'
PROMPT(ALL)	8	X'0000,0008'
PROMPT(IPLR)	2	X'0000,0002'
PROMPT(LIST)	4	X'0000,0004'

SMF 90 ENUM: zREC

Field Name	SMF Record	Segment Name
zREC	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
REC(ALL)	1	X'0000,0001'
REC(PERM)	2	X'0000,0002'

SMF 90 ENUM: zSID

Field Name	SMF Record	Segment Name
zSID	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
{Default}	32	X'0000,0020'
SID(xxxx)	16	X'0000,0010'
SID(xxxx,ser#)	8	X'0000,0008'
SID(xxxx,COMBIN(ser#))	1	X'0000,0001'
SID(xxxx,SYSNAME(sysname))	4	X'0000,0004'

SMF 90 ENUM: zSMF30COUNT

Field Name	SMF Record	Segment Name
zSMF30COUNT	90	SMF090_09_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOSMF30COUNT	1	X'0000,0001'
SMF30COUNT	2	X'0000,0002'

SMF 90 ENUM: zAUTHSETSMF

Field Name	SMF Record	Segment Name
zAUTHSETSMF	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
AUTHSETSMF	2	X'0000,0002'
NOAUTHSETSMF	1	X'0000,0001'

SMF 90 ENUM: zLASTDS

Field Name	SMF Record	Segment Name
zLASTDS	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LASTDS(HALT)	1	X'0000,0001'
LASTDS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zLISTDSN

Field Name	SMF Record	Segment Name
zLISTDSN	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LISTDSN	2	X'0000,0002'
NOLISTDSN	1	X'0000,0001'

SMF 90 ENUM: zNOBUFFS

Field Name	SMF Record	Segment Name
zNOBUFFS	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOBUFFS(HALT)	1	X'0000,0001'
NOBUFFS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zPROMPT

Field Name	SMF Record	Segment Name
zPROMPT	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOPROMPT	1	X'0000,0001'
PROMPT(ALL)	8	X'0000,0008'
PROMPT(IPLR)	2	X'0000,0002'
PROMPT(LIST)	4	X'0000,0004'

SMF 90 ENUM: zREC

Field Name	SMF Record	Segment Name
zREC	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
REC(ALL)	1	X'0000,0001'
REC(PERM)	2	X'0000,0002'

SMF 90 ENUM: zSID

Field Name	SMF Record	Segment Name
zSID	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
{Default}	32	X'0000,0020'
SID(xxxx)	16	X'0000,0010'
SID(xxxx,ser#)	8	X'0000,0008'
SID(xxxx,COMBIN(ser#))	1	X'0000,0001'
SID(xxxx,SYSNAME(sysname))	4	X'0000,0004'

SMF 90 ENUM: zSMF30COUNT

Field Name	SMF Record	Segment Name
zSMF30COUNT	90	SMF090_13_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOSMF30COUNT	1	X'0000,0001'
SMF30COUNT	2	X'0000,0002'

SMF 90 ENUM: zAUTHSETSMF

Field Name	SMF Record	Segment Name
zAUTHSETSMF	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
AUTHSETSMF	2	X'0000,0002'
NOAUTHSETSMF	1	X'0000,0001'

SMF 90 ENUM: zLASTDS

Field Name	SMF Record	Segment Name
zLASTDS	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LASTDS(HALT)	1	X'0000,0001'
LASTDS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zLISTDSN

Field Name	SMF Record	Segment Name
zLISTDSN	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
LISTDSN	2	X'0000,0002'
NOLISTDSN	1	X'0000,0001'

SMF 90 ENUM: zNOBUFFS

Field Name	SMF Record	Segment Name
zNOBUFFS	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOBUFFS(HALT)	1	X'0000,0001'
NOBUFFS(MSG)	2	X'0000,0002'

SMF 90 ENUM: zPROMPT

Field Name	SMF Record	Segment Name
zPROMPT	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOPROMPT	1	X'0000,0001'
PROMPT(ALL)	8	X'0000,0008'
PROMPT(IPLR)	2	X'0000,0002'
PROMPT(LIST)	4	X'0000,0004'

SMF 90 ENUM: zREC

Field Name	SMF Record	Segment Name
zREC	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
REC(ALL)	1	X'0000,0001'
REC(PERM)	2	X'0000,0002'

SMF 90 ENUM: zSID

Field Name	SMF Record	Segment Name
zSID	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
{Default}	32	X'0000,0020'
SID(xxxx)	16	X'0000,0010'
SID(xxxx,ser#)	8	X'0000,0008'
SID(xxxx,COMBIN(ser#))	1	X'0000,0001'
SID(xxxx,SYSNAME(sysname))	4	X'0000,0004'

SMF 90 ENUM: zSMF30COUNT

Field Name	SMF Record	Segment Name
zSMF30COUNT	90	SMF090_15_Command

Display Text	Value	Hex Value
-	0	X'0000,0000'
NOSMF30COUNT	1	X'0000,0001'
SMF30COUNT	2	X'0000,0002'

SMF 90 ENUM: zPOLRTU

Field Name	SMF Record	Segment Name
zPOLRTU	90	SMF090_24_Service_Class_Period

Display Text	Value	Hex Value
HOUR	4	X'0000,0004'
MINUTE	3	X'0000,0003'
MS	1	X'0000,0001'
SECOND	2	X'0000,0002'

SMF 90 ENUM: zPOLLVL

Field Name	SMF Record	Segment Name
zPOLLVL	90	SMF090_24_VARY_WLM

Display Text	Value	Hex Value
Special Reporting	30	X'0000,001E'
Specialty Engines Containment	31	X'0000,001F'
Workload billing groups	32	X'0000,0020'
WLM in z/OS R8	19	X'0000,0013'
WLM in z/OS V1R10	22	X'0000,0016'
WLM in z/OS V1R11	23	X'0000,0017'
WLM in z/OS V1R12	25	X'0000,0019'
WLM in z/OS V1R3	14	X'0000,000E'
WLM in z/OS V1R4	15	X'0000,000F'
WLM in z/OS V1R5	16	X'0000,0010'
WLM in z/OS V1R6	17	X'0000,0011'
WLM in z/OS V1R7	18	X'0000,0012'
WLM in z/OS V1R8	20	X'0000,0014'
WLM in z/OS V2R1	29	X'0000,001D'
WLM in z/OS V2R3	35	X'0000,0023'
WLM in OS/390 V1R3	3	X'0000,0003'
WLM in OS/390 V2R10	11	X'0000,000B'
WLM in OS/390 V2R11	12	X'0000,000C'
WLM in OS/390 V2R12	13	X'0000,000D'
WLM in OS/390 V2R4	4	X'0000,0004'
WLM in OS/390 V2R5	5	X'0000,0005'
WLM in OS/390 V2R6	6	X'0000,0006'
WLM in OS/390 V2R7	8	X'0000,0008'
WLM in OS/390 V2R8	9	X'0000,0009'
WLM in OS/390 V2R9	10	X'0000,000A'
WLM in SP520	2	X'0000,0002'

SMF 90 ENUM: zPOLWVN

Field Name	SMF Record	Segment Name
zPOLWVN	90	SMF090_24_VARY_WLM

Display Text	Value	Hex Value
z/OS R8	19	X'0000,0013'
z/OS V1R10	23	X'0000,0017'
z/OS V1R10R	21	X'0000,0015'
z/OS V1R12	25	X'0000,0019'
z/OS V1R3	14	X'0000,000E'
z/OS V1R4	15	X'0000,000F'
z/OS V1R5	16	X'0000,0010'
z/OS V1R6	17	X'0000,0011'
z/OS V1R7	18	X'0000,0012'
z/OS V1R8	20	X'0000,0014'
z/OS V2R1	29	X'0000,001D'
z/OS V2R3	35	X'0000,0023'
OS/390 V1R3	3	X'0000,0003'
OS/390 V2R10	11	X'0000,000B'
OS/390 V2R12	13	X'0000,000D'
OS/390 V2R4	4	X'0000,0004'
OS/390 V2R5	5	X'0000,0005'
OS/390 V2R6	6	X'0000,0006'
OS/390 V2R7	7	X'0000,0007'
OS/390 V2R8	8	X'0000,0008'
SP510	1	X'0000,0001'
SP520	2	X'0000,0002'

SMF 90 ENUM: zMODPROBFUNCTION

Field Name	SMF Record	Segment Name
zMODPROBFUNCTION	90	SMF090_31_ADD_ModEntry_Abend

Display Text	Value	Hex Value
AMODE64NOTZARCH	12	X'0000,000C'
BPX4LOD	13	X'0000,000D'
DESERVDESL	10	X'0000,000A'
DIRECTORY	3	X'0000,0003'
DUPLICATE	11	X'0000,000B'
FETCH	4	X'0000,0004'
NOTAPFPROG	14	X'0000,000E'
NOTAUTH	2	X'0000,0002'
NOTEXECUTABLE	8	X'0000,0008'
NOTFOUND	1	X'0000,0001'
PAGEPROT	6	X'0000,0006'
TOOMANYEXTENTS	7	X'0000,0007'
UNEXPECTEDABEND	20	X'0000,0014'

SMF 90 ENUM: zMODPROBFUNCTION

Field Name	SMF Record	Segment Name
zMODPROBFUNCTION	90	SMF090_31_ADD_ModEntry_Fail

Display Text	Value	Hex Value
AMODE64NOTZARCH	12	X'0000,000C'
BPX4LOD	13	X'0000,000D'
DESERVDESL	10	X'0000,000A'
DIRECTORY	3	X'0000,0003'
DUPLICATE	11	X'0000,000B'
FETCH	4	X'0000,0004'
NOTAPFPROG	14	X'0000,000E'
NOTAUTH	2	X'0000,0002'
NOTEXECUTABLE	8	X'0000,0008'
NOTFOUND	1	X'0000,0001'
PAGEPROT	6	X'0000,0006'
TOOMANYEXTENTS	7	X'0000,0007'
UNEXPECTEDABEND	20	X'0000,0014'

SMF 90 ENUM: zRETCodee

Field Name	SMF Record	Segment Name
zRETCodee	90	SMF090_31_ADD_ModEntry_Fail

Display Text	Value	Hex Value
COMPERROR	16	X'0000,0010'
ENV	12	X'0000,000C'
INVPARM	8	X'0000,0008'
OK	0	X'0000,0000'
WARN	4	X'0000,0004'

SMF 90 ENUM: zRSNCodee

Field Name	SMF Record	Segment Name
zRSNCodee	90	SMF090_31_ADD_ModEntry_Fail

Display Text	Value	Hex Value
BADALLOC	2089	X'0000,0829'
BADBYADDRINFO	2109	X'0000,083D'
BADDCBAREA	2111	X'0000,083F'
BADDIRECTORY	3076	X'0000,0C04'
BADDSNAME	2083	X'0000,0823'
BADDSNAMEALET	2080	X'0000,0820'
BADDSNAMEAREA	2069	X'0000,0815'
BADESTAEX	2058	X'0000,080A'
BADESVCNUM	2100	X'0000,0834'
BADLPMEAQALET	2114	X'0000,0842'
BADLPMEQAAREA	2113	X'0000,0841'
BADMODINFOALET	2071	X'0000,0817'
BADMODINFOAREA	2070	X'0000,0816'
BADMODINFOXALET	2097	X'0000,0831'
BADMODINFOXAREA	2096	X'0000,0830'
BADMODULENAME	2082	X'0000,0822'
BADNUMMOD	2077	X'0000,081D'
BADOPEN	2072	X'0000,0818'
BADPARMLIST	2049	X'0000,0801'
BADPARMLISTALET	2061	X'0000,080D'
BADPATHNAMEALET	2118	X'0000,0846'
BADPATHNAMEAREA	2117	X'0000,0845'
BADPATHNAMELEN	2116	X'0000,0844'
BADPATHNAMENUMMOD	2119	X'0000,0847'
BADREQUESTTYPE	2057	X'0000,0809'
BADVERSION	2062	X'0000,080E'

COMPERROR	4097	X'0000,1001'
ENQHELDSHARED	2112	X'0000,0840'
FUNCTIONNOTAVAILABLE	2091	X'0000,082B'
HOMENOTPRIMARY	2053	X'0000,0805'
LOCKED	2063	X'0000,080F'
NOSTORAGE	3074	X'0000,0C02'
NOTALLSUCCESSFUL	1025	X'0000,0401'
NOTAUTHADDALIAS	2115	X'0000,0843'
NOTAUTHBYADDR	2110	X'0000,083E'
NOTAUTHCONCAT	2093	X'0000,082D'
NOTAUTHDCB	2092	X'0000,082C'
NOTAUTHDEFLPAWAIT	2120	X'0000,0848'
NOTAUTHMEMBERMASK	2094	X'0000,082E'
NOTENABLED	2051	X'0000,0803'
NOTESVC	2099	X'0000,0833'
NOTPARTITIONED	2108	X'0000,083C'
RESERVEDNOT0	2059	X'0000,080B'
SRBMODE	2050	X'0000,0802'
STORAGELIMEXCEEDED	3077	X'0000,0C05'

SMF 90 ENUM: zMODPROBFUNCTION

Field Name	SMF Record	Segment Name
zMODPROBFUNCTION	90	SMF090_31_DELETE_ModEntry

Display Text	Value	Hex Value
NOTAUTH	2	X'0000,0002'
NOTFOUND	1	X'0000,0001'
OK	0	X'0000,0000'
UNEXPECTEDABEND	3	X'0000,0003'

SMF 90 ENUM: zADDORDELETE

Field Name	SMF Record	Segment Name
zADDORDELETE	90	SMF090_31_SET_PROG_LPALST

Display Text	Value	Hex Value
ADD	0	X'0000,0000'
DELETE	1	X'0000,0001'

SMF 90 ENUM: zRESOURCE_STATE

Field Name	SMF Record	Segment Name
zRESOURCE_STATE	90	SMF090_32_Scheduling_Environment_Resource

Display Text	Value	Hex Value
-	0	X'0000,0000'
OFF	8	X'0000,0008'
ON	4	X'0000,0004'
RESERVED	12	X'0000,000C'

SMF 90 ENUM: zFUNCTIONALITY_LEVEL

Field Name	SMF Record	Segment Name
zFUNCTIONALITY_LEVEL	90	SMF090_32_WLM_Policy_Change

Display Text	Value	Hex Value
Special Reporting	30	X'0000,001E'
Specialty Engines Containment	31	X'0000,001F'
Workload billing groups	32	X'0000,0020'
WLM in z/OS R8	19	X'0000,0013'
WLM in z/OS V1R10	22	X'0000,0016'
WLM in z/OS V1R11	23	X'0000,0017'
WLM in z/OS V1R12	25	X'0000,0019'
WLM in z/OS V1R3	14	X'0000,000E'
WLM in z/OS V1R4	15	X'0000,000F'
WLM in z/OS V1R5	16	X'0000,0010'
WLM in z/OS V1R6	17	X'0000,0011'
WLM in z/OS V1R7	18	X'0000,0012'
WLM in z/OS V1R8	20	X'0000,0014'
WLM in z/OS V2R1	29	X'0000,001D'
WLM in z/OS V2R3	35	X'0000,0023'
WLM in OS/390 V1R3	3	X'0000,0003'
WLM in OS/390 V2R10	11	X'0000,000B'
WLM in OS/390 V2R11	12	X'0000,000C'
WLM in OS/390 V2R12	13	X'0000,000D'
WLM in OS/390 V2R4	4	X'0000,0004'
WLM in OS/390 V2R5	5	X'0000,0005'
WLM in OS/390 V2R6	6	X'0000,0006'
WLM in OS/390 V2R7	8	X'0000,0008'
WLM in OS/390 V2R8	9	X'0000,0009'
WLM in OS/390 V2R9	10	X'0000,000A'
WLM in SP510	1	X'0000,0001'
WLM in SP520	2	X'0000,0002'

SMF 90 ENUM: zWLM_VERSION_NUMBER

Field Name	SMF Record	Segment Name
zWLM_VERSION_NUMBER	90	SMF090_32_WLM_Policy_Change

Display Text	Value	Hex Value
z/OS R8	19	X'0000,0013'
z/OS V1R10	23	X'0000,0017'
z/OS V1R10R	21	X'0000,0015'
z/OS V1R12	25	X'0000,0019'
z/OS V1R3	14	X'0000,000E'
z/OS V1R4	15	X'0000,000F'
z/OS V1R5	16	X'0000,0010'
z/OS V1R6	17	X'0000,0011'
z/OS V1R7	18	X'0000,0012'
z/OS V1R8	20	X'0000,0014'
z/OS V2R1	29	X'0000,001D'
z/OS V2R3	35	X'0000,0023'
OS/390 V1R3	3	X'0000,0003'
OS/390 V2R10	11	X'0000,000B'
OS/390 V2R12	13	X'0000,000D'
OS/390 V2R4	4	X'0000,0004'
OS/390 V2R5	5	X'0000,0005'
OS/390 V2R6	6	X'0000,0006'
OS/390 V2R7	7	X'0000,0007'
OS/390 V2R8	8	X'0000,0008'
SP510	1	X'0000,0001'
SP520	2	X'0000,0002'

SMF 90 ENUM: zCapacity_Change_Reason

Field Name	SMF Record	Segment Name
zCapacity_Change_Reason	90	SMF090_34_Processor_Capacity_Change

Display Text	Value	Hex Value
-	0	X'0000,0000'
EXTERNAL_EXCEPTION	4	X'0000,0004'
MACHINE_EXCEPTION	2	X'0000,0002'
MACHINE_NON_EXCEPTION	3	X'0000,0003'
MANUAL	1	X'0000,0001'

SMF 90 ENUM: zFunction

Field Name	SMF Record	Segment Name
zFunction	90	SMF090_37_Dynamic_APF

Display Text	Value	Hex Value
Add	1	X'0000,0001'
Delete	2	X'0000,0002'
FormatD	4	X'0000,0004'
FormatS	6	X'0000,0006'

SMF 90 ENUM: zBoostClass

Field Name	SMF Record	Segment Name
zBoostClass	90	SMF090_40_Boost_Info

Display Text	Value	Hex Value
IPL	1	X'0000,0001'
Recovery	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 90 ENUM: zEvent

Field Name	SMF Record	Segment Name
zEvent	90	SMF090_40_Boost_Info

Display Text	Value	Hex Value
IPLEnd	2	X'0000,0002'
IPLStart	1	X'0000,0001'
RecoveryEnd	6	X'0000,0006'
RecoveryStart	5	X'0000,0005'
ShutdownEnd	4	X'0000,0004'
ShutdownStart	3	X'0000,0003'

SMF 90 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	90	SMF090_Product

Display Text	Value	Hex Value
Dynamic APF	37	X'0000,0025'
HALT EOD	7	X'0000,0007'
IPL LOGREC	26	X'0000,001A'
IPL PROMPT	8	X'0000,0008'
IPL SMF	9	X'0000,0009'
IPL SRM	10	X'0000,000A'
IPL WLM	23	X'0000,0017'
MODIFY WLM	25	X'0000,0019'
Processor capacity change	34	X'0000,0022'
RESET	30	X'0000,001E'
SET APPC	19	X'0000,0013'
SET ASCH	20	X'0000,0014'
SET AUTOR	33	X'0000,0021'
SET CNGRP	22	X'0000,0016'
SET CON	36	X'0000,0024'
SET DAE	16	X'0000,0010'
SET DATE	2	X'0000,0002'
SET GRSRNL	18	X'0000,0012'
SET IEFOPZ	38	X'0000,0026'
SET MPF	14	X'0000,000E'
SET OPT	11	X'0000,000B'
SET PFK	17	X'0000,0011'
SET PROG LNKLST	29	X'0000,001D'
SET PROG LPALST	31	X'0000,001F'
SET SCH	21	X'0000,0015'
SET SMF	5	X'0000,0005'
SET SMF Restart	15	X'0000,000F'
SET SMFLIM	39	X'0000,0027'
SET TIME	1	X'0000,0001'
SETLOAD xx,IEASYM	35	X'0000,0023'
SETSMF	13	X'0000,000D'
SETXCF START	27	X'0000,001B'
SETXCF STOP	28	X'0000,001C'
SWITCH SMF	6	X'0000,0006'
VARY WLM	24	X'0000,0018'
WLM policy change	32	X'0000,0020'

SMF 91-1 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 1)	SMF091#01_IBM_BatchPipes_Subsystem_Initialization

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-1 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 1)	SMF091#01_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-1 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 1)	SMF091#01_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-2 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 2)	SMF091#02_IBM_BatchPipes_Subsystem_Interval

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-2 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 2)	SMF091#02_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-2 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 2)	SMF091#02_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-3 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 3)	SMF091#03_IBM_BatchPipes_Subsystem_Ending

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-3 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 3)	SMF091#03_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-3 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 3)	SMF091#03_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-11 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 11)	SMF091#11_IBM_BatchPipes_Pipe_Connection_Open

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-11 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	91 (subtype 11)	SMF091#11_Pipe_Identification

Display Text	Value	Hex Value
Fixed	1	X'0000,0001'
Undefined	3	X'0000,0003'
Variable	2	X'0000,0002'

SMF 91-11 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 11)	SMF091#11_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-11 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 11)	SMF091#11_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-12 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 12)	SMF091#12_IBM_BatchPipes_Pipe_Interval

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-12 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	91 (subtype 12)	SMF091#12_Pipe_Identification

Display Text	Value	Hex Value
Fixed	1	X'0000,0001'
Undefined	3	X'0000,0003'
Variable	2	X'0000,0002'

SMF 91-12 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 12)	SMF091#12_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-12 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 12)	SMF091#12_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-13 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 13)	SMF091#13_IBM_BatchPipes_Pipe_Connection_Close

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-13 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	91 (subtype 13)	SMF091#13_Pipe_Identification

Display Text	Value	Hex Value
Fixed	1	X'0000,0001'
Undefined	3	X'0000,0003'
Variable	2	X'0000,0002'

SMF 91-13 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 13)	SMF091#13_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-13 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 13)	SMF091#13_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-14 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 14)	SMF091#14_IBM_BatchPipes_Pipe_Create

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-14 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	91 (subtype 14)	SMF091#14_Pipe_Identification

Display Text	Value	Hex Value
Fixed	1	X'0000,0001'
Undefined	3	X'0000,0003'
Variable	2	X'0000,0002'

SMF 91-14 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 14)	SMF091#14_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-14 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 14)	SMF091#14_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 91-15 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	91 (subtype 15)	SMF091#15_IBM_BatchPipes_Pipe_Delete

Display Text	Value	Hex Value
Pipe Connection Close	13	X'0000,000D'
Pipe Connection Open	11	X'0000,000B'
Pipe Create	14	X'0000,000E'
Pipe Delete	15	X'0000,000F'
Pipe Interval	12	X'0000,000C'
Subsystem Ending	3	X'0000,0003'
Subsystem Initialization	1	X'0000,0001'
Subsystem Interval	2	X'0000,0002'

SMF 91-15 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	91 (subtype 15)	SMF091#15_Pipe_Identification

Display Text	Value	Hex Value
Fixed	1	X'0000,0001'
Undefined	3	X'0000,0003'
Variable	2	X'0000,0002'

SMF 91-15 ENUM: zSST

Field Name	SMF Record	Segment Name
zSST	91 (subtype 15)	SMF091#15_Subsystem_Identification

Display Text	Value	Hex Value
Active	0	X'0000,0000'
Starting	1	X'0000,0001'
Stopping	2	X'0000,0002'

SMF 91-15 ENUM: zSTR

Field Name	SMF Record	Segment Name
zSTR	91 (subtype 15)	SMF091#15_Subsystem_Identification

Display Text	Value	Hex Value
Error	0	X'0000,0000'
Flow	2	X'0000,0002'
Function	1	X'0000,0001'

SMF 92 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	92	SMF092_File_System

Display Text	Value	Hex Value
zFS accumulated counts and response times	51	X'0000,0033'
zFS disk IO statistics	55	X'0000,0037'
zFS locking and sleeps statistics	54	X'0000,0036'
zFS memory use	57	X'0000,0039'
zFS metadata cache statistics	53	X'0000,0035'
zFS user file cache statistics	52	X'0000,0034'
File or directory deleted or renamed	14	X'0000,000E'
File security changed	15	X'0000,000F'
File system events	50	X'0000,0032'
File Closed	11	X'0000,000B'
File Opened	10	X'0000,000A'
File System Mounted	1	X'0000,0001'
File System Moved	7	X'0000,0007'
File System Remounted	6	X'0000,0006'
File System Resumed/Unquiesced	4	X'0000,0004'
File System Suspended/Quiesced	2	X'0000,0002'
File System Unmounted	5	X'0000,0005'
Memory Map Ended (MUNMAP)	13	X'0000,000D'
Memory Map Started (MMAP)	12	X'0000,000C'
Per-file system usage	59	X'0000,003B'
Socket or character special file closed	16	X'0000,0010'
Times File is Accessed	17	X'0000,0011'
Token manager	56	X'0000,0038'
Transmit/Receives	58	X'0000,003A'

SMF 92 ENUM: zMFT

Field Name	SMF Record	Segment Name
zMFT	92	SMF092_S01_FileSys_Mounted

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zSFT

Field Name	SMF Record	Segment Name
zSFT	92	SMF092_S02_FileSys_Susp

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zRFT

Field Name	SMF Record	Segment Name
zRFT	92	SMF092_S04_FileSys_Res

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zUFT

Field Name	SMF Record	Segment Name
zUFT	92	SMF092_S05_FileSys_Unmounted

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zUFT

Field Name	SMF Record	Segment Name
zUFT	92	SMF092_S06_FileSys_Remounted

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zVFT

Field Name	SMF Record	Segment Name
zVFT	92	SMF092_S07_FileSys_Moved

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zGFT

Field Name	SMF Record	Segment Name
zGFT	92	SMF092_S08_FileSys_Migrated

Display Text	Value	Hex Value
Char special streams	6	X'0000,0006'
Cross System PFS (XPFS)	5	X'0000,0005'
MVS Local File System	1	X'0000,0001'
Pipe file system	3	X'0000,0003'
Remote File System	2	X'0000,0002'
Socket file system	4	X'0000,0004'

SMF 92 ENUM: zOTY

Field Name	SMF Record	Segment Name
zOTY	92	SMF092_S10_File_Opened

Display Text	Value	Hex Value
Character Special File	2	X'0000,0002'
Directory File	1	X'0000,0001'
Named Pipe (FIFO) File	4	X'0000,0004'
Regular File	3	X'0000,0003'
Reserved for Block Special	6	X'0000,0006'
Socket File	7	X'0000,0007'
Symbolic link	5	X'0000,0005'

SMF 92 ENUM: zCTY

Field Name	SMF Record	Segment Name
zCTY	92	SMF092_S11_File_Closed

Display Text	Value	Hex Value
Character Special File	2	X'0000,0002'
Directory File	1	X'0000,0001'
Named Pipe (FIFO) File	4	X'0000,0004'
Regular File	3	X'0000,0003'
Reserved for Block Special	6	X'0000,0006'
Socket File	7	X'0000,0007'
Symbolic link	5	X'0000,0005'

SMF 92 ENUM: zAction

Field Name	SMF Record	Segment Name
zAction	92	SMF092_S14_File_Del_or_Ren

Display Text	Value	Hex Value
DELETE	0	X'0000,0000'
RENAME	1	X'0000,0001'

SMF 92 ENUM: zDTY

Field Name	SMF Record	Segment Name
zDTY	92	SMF092_S14_File_Del_or_Ren

Display Text	Value	Hex Value
Character Special File	2	X'0000,0002'
Directory File	1	X'0000,0001'
Named Pipe (FIFO) File	4	X'0000,0004'
Regular File	3	X'0000,0003'
Reserved for Block Special	6	X'0000,0006'
Socket File	7	X'0000,0007'
Symbolic link	5	X'0000,0005'

SMF 92 ENUM: zATY

Field Name	SMF Record	Segment Name
zATY	92	SMF092_S15_File_Sec_Chg

Display Text	Value	Hex Value
Character Special File	2	X'0000,0002'
Directory File	1	X'0000,0001'
Named Pipe (FIFO) File	4	X'0000,0004'
Regular File	3	X'0000,0003'
Reserved for Block Special	6	X'0000,0006'
Socket File	7	X'0000,0007'
Symbolic link	5	X'0000,0005'

SMF 92 ENUM: zCTY

Field Name	SMF Record	Segment Name
zCTY	92	SMF092_S16_Sock_Spec_Closed

Display Text	Value	Hex Value
Character Special File	2	X'0000,0002'
Directory File	1	X'0000,0001'
Named Pipe (FIFO) File	4	X'0000,0004'
Regular File	3	X'0000,0003'
Reserved for Block Special	6	X'0000,0006'
Socket File	7	X'0000,0007'
Symbolic link	5	X'0000,0005'

SMF 92 ENUM: zRVN

Field Name	SMF Record	Segment Name
zRVN	92	SMF092_Subsystem

Display Text	Value	Hex Value
OpenEdition MVS with MVS/ESA SP 4.3	61681	X'0000,F0F1'
OpenEdition MVS with MVS/ESA SP 5.1 and later	61682	X'0000,F0F2'

SMF 94-1 ENUM: zVNO

Field Name	SMF Record	Segment Name
zVNO	94 (subtype 1)	SMF094#01_VTS

Display Text	Value	Hex Value
Composite library	255	X'0000,00FF'
Non-composite library.	0	X'0000,0000'
Secondary library	2	X'0000,0002'
User interface library	1	X'0000,0001'

SMF 94-1 ENUM: zCopyMode

Field Name	SMF Record	Segment Name
zCopyMode	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'

SMF 94-1 ENUM: zOPM_DCI1

Field Name	SMF Record	Segment Name
zOPM_DCI1	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
No device class	0	X'0000,0000'
3590 MODEL B1A	17	X'0000,0011'
3590 MODEL E1A	19	X'0000,0013'
3590 MODEL H1A	20	X'0000,0014'
3592 MODEL J1A	32	X'0000,0020'

SMF 94-1 ENUM: zOPM_DCI2

Field Name	SMF Record	Segment Name
zOPM_DCI2	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
No device class	0	X'0000,0000'
3590 MODEL B1A	17	X'0000,0011'
3590 MODEL E1A	19	X'0000,0013'
3590 MODEL H1A	20	X'0000,0014'
3592 MODEL J1A	32	X'0000,0020'

SMF 94-1 ENUM: zOpMode

Field Name	SMF Record	Segment Name
zOpMode	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Deferred	0	X'0000,0000'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'
Immediate	1	X'0000,0001'

SMF 94-1 ENUM: zPrefIO

Field Name	SMF Record	Segment Name
zPrefIO	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'

SMF 94-1 ENUM: zPrefMastVTS

Field Name	SMF Record	Segment Name
zPrefMastVTS	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
No preference	15	X'0000,000F'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 0	8	X'0000,0008'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'
VTS 1	9	X'0000,0009'

SMF 94-1 ENUM: zVTS0LinkSpeed

Field Name	SMF Record	Segment Name
zVTS0LinkSpeed	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'

ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'

SMF 94-1 ENUM: zVTS1LinkSpeed

Field Name	SMF Record	Segment Name
zVTS1LinkSpeed	94 (subtype 1)	SMF094#01_VTS_Enhanced_Lib

Display Text	Value	Hex Value
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext < 1000 KM, ESCON over DWDM < 10 KM, FICON < 100 KM	3	X'0000,0003'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
CHANNEL Ext > 1000 KM, ESCON over DWDM < 15 KM	4	X'0000,0004'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 10 KM, FICON < 80 KM	2	X'0000,0002'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'

ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON < 5 KM, FICON < 30 KM	1	X'0000,0001'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
ESCON over DWDM > 15 KM	5	X'0000,0005'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'
No support for reporting relative link speeds	0	X'0000,0000'

SMF 94-2 ENUM: zBPMIO

Field Name	SMF Record	Segment Name
zBPMIO	94 (subtype 2)	SMF094#02_VolPoolStats_VPS

Display Text	Value	Hex Value
No media type	0	X'0000,0000'
3590 J media	16	X'0000,0010'
3590 K media	17	X'0000,0011'
3592 JA media	32	X'0000,0020'
3592 JJ media	34	X'0000,0022'
3592 JR media	35	X'0000,0023'
3592 JW media	33	X'0000,0021'

SMF 94-2 ENUM: zFirstMedia

Field Name	SMF Record	Segment Name
zFirstMedia	94 (subtype 2)	SMF094#02_VoIPoolStats_VPSArray

Display Text	Value	Hex Value
Either Media Identifier	3	X'0000,0003'
Media Identifier 0	1	X'0000,0001'
Media Identifier 1	2	X'0000,0002'
No Borrowing	0	X'0000,0000'
4 (reserved)	4	X'0000,0004'
5 (reserved)	5	X'0000,0005'
6 (reserved)	6	X'0000,0006'
7 (reserved)	7	X'0000,0007'

SMF 94-2 ENUM: zPDCI

Field Name	SMF Record	Segment Name
zPDCI	94 (subtype 2)	SMF094#02_VoIPoolStats_VPSArray

Display Text	Value	Hex Value
No device class	0	X'0000,0000'
3590 M0DEL B1A	17	X'0000,0011'
3590 M0DEL E1A	19	X'0000,0013'
3590 M0DEL H1A	20	X'0000,0014'
3592 M0DEL J1A	32	X'0000,0020'

SMF 94-2 ENUM: zSecondMedia

Field Name	SMF Record	Segment Name
zSecondMedia	94 (subtype 2)	SMF094#02_VolPoolStats_VPSArray

Display Text	Value	Hex Value
Media Identifier 0	1	X'0000,0001'
Media Identifier 1	2	X'0000,0002'
No Borrowing	0	X'0000,0000'
3 (reserved)	3	X'0000,0003'
4 (reserved)	4	X'0000,0004'
5 (reserved)	5	X'0000,0005'
6 (reserved)	6	X'0000,0006'
7 (reserved)	7	X'0000,0007'

SMF 98 ENUM: zPriorityBucket

Field Name	SMF Record	Segment Name
zPriorityBucket	98	SMF098_01_Consume

Display Text	Value	Hex Value
kSMF98_1_PriorityBucket_All	65535	X'0000,FFFF'
SVT_kDiscPriorityBucketIndex	4	X'0000,0004'
SVT_kHiPriorityBucketIndex	1	X'0000,0001'
SVT_kLowPriorityBucketIndex	3	X'0000,0003'
SVT_kMedPriorityBucketIndex	2	X'0000,0002'

SMF 98 ENUM: zProcClass

Field Name	SMF Record	Segment Name
zProcClass	98	SMF098_01_Consume

Display Text	Value	Hex Value
zAAP	2	X'0000,0002'
zIIP	4	X'0000,0004'
CP	0	X'0000,0000'

SMF 98 ENUM: zSubBucket

Field Name	SMF Record	Segment Name
zSubBucket	98	SMF098_01_Consume

Display Text	Value	Hex Value
kSMF98_1_PriorityBucket_All	65535	X'0000,FFFF'
SVT_kDiscPriorityBucketIndex	4	X'0000,0004'
SVT_kHiPriorityBucketIndex	1	X'0000,0001'
SVT_kLowPriorityBucketIndex	3	X'0000,0003'
SVT_kMedPriorityBucketIndex	2	X'0000,0002'

SMF 98 ENUM: zType

Field Name	SMF Record	Segment Name
zType	98	SMF098_01_LockLocalCML

Display Text	Value	Hex Value
CML	6	X'0000,0006'
CMS	4	X'0000,0004'
ENQDEQ	2	X'0000,0002'
LATCH	3	X'0000,0003'
LOCAL	5	X'0000,0005'
LOCAL + CML	7	X'0000,0007'
SMF	1	X'0000,0001'

SMF 98 ENUM: zType

Field Name	SMF Record	Segment Name
zType	98	SMF098_01_SuspLock_Det

Display Text	Value	Hex Value
All	-1	X'FFFF,FFFF'
CML	6	X'0000,0006'
CMS	4	X'0000,0004'
ENQDEQ	2	X'0000,0002'
LATCH	3	X'0000,0003'
LOCAL	5	X'0000,0005'
LOCAL + CML	7	X'0000,0007'
SMF	1	X'0000,0001'

SMF 98 ENUM: zType

Field Name	SMF Record	Segment Name
zType	98	SMF098_01_SuspLock_MaxDet

Display Text	Value	Hex Value
All	-1	X'FFFF,FFFF'
CML	6	X'0000,0006'
CMS	4	X'0000,0004'
ENQDEQ	2	X'0000,0002'
LATCH	3	X'0000,0003'
LOCAL	5	X'0000,0005'
LOCAL + CML	7	X'0000,0007'
SMF	1	X'0000,0001'

SMF 98 ENUM: zType

Field Name	SMF Record	Segment Name
zType	98	SMF098_01_SuspLock_MaxSum

Display Text	Value	Hex Value
All	-1	X'FFFF,FFFF'
CML	6	X'0000,0006'
CMS	4	X'0000,0004'
ENQDEQ	2	X'0000,0002'
LATCH	3	X'0000,0003'
LOCAL	5	X'0000,0005'
LOCAL + CML	7	X'0000,0007'
SMF	1	X'0000,0001'

SMF 98 ENUM: zType

Field Name	SMF Record	Segment Name
zType	98	SMF098_01_SuspLock_Sum

Display Text	Value	Hex Value
All	-1	X'FFFF,FFFF'
CML	6	X'0000,0006'
CMS	4	X'0000,0004'
ENQDEQ	2	X'0000,0002'
LATCH	3	X'0000,0003'
LOCAL	5	X'0000,0005'
LOCAL + CML	7	X'0000,0007'
SMF	1	X'0000,0001'

SMF 98 ENUM: zType

Field Name	SMF Record	Segment Name
zType	98	SMF098_01_WorkUnit

Display Text	Value	Hex Value
All tasks and SRBs	1	X'0000,0001'
Enclave task and SRB	3	X'0000,0003'
Non-enclave task	2	X'0000,0002'
Non-enclave, pre-emptible SRB	4	X'0000,0004'
Non-pre-emptible SRB (CP only)	5	X'0000,0005'
6 (meaning unknown)	6	X'0000,0006'
7 (meaning unknown)	7	X'0000,0007'
8 (meaning unknown)	8	X'0000,0008'
9 (meaning unknown)	9	X'0000,0009'

SMF 98 ENUM: zProcClass

Field Name	SMF Record	Segment Name
zProcClass	98	SMF098_01_WorkUnit_PB

Display Text	Value	Hex Value
zAAP	2	X'0000,0002'
zIIP	4	X'0000,0004'
CP	0	X'0000,0000'

SMF 99-1 ENUM: z_Boost_Class

Field Name	SMF Record	Segment Name
z_Boost_Class	99 (subtype 1)	SMF099#01_System_State_Information

Display Text	Value	Hex Value
Boost Inactive	0	X'0000,0000'
IPL	1	X'0000,0001'
Recovery Process	3	X'0000,0003'
Shutdown	2	X'0000,0002'

SMF 99-6 ENUM: zGOALTYPE

Field Name	SMF Record	Segment Name
zGOALTYPE	99 (subtype 6)	SMF099#06_Period_Data_Section

Display Text	Value	Hex Value
DISC	4	X'0000,0004'
LONG	2	X'0000,0002'
SHORT	1	X'0000,0001'
SYSTEM	0	X'0000,0000'
VELOCITY	3	X'0000,0003'

SMF 100 ENUM: zSTATE1

Field Name	SMF Record	Segment Name
zSTATE1	100	SMF100_Accelerator

Display Text	Value	Hex Value
INITIALIZING	0	X'0000,0000'
MAINTENANCE	5	X'0000,0005'
OFFLINE	3	X'0000,0003'
ONLINE	1	X'0000,0001'
UNKNOWN	255	X'0000,00FF'

SMF 100 ENUM: zSTATE2

Field Name	SMF Record	Segment Name
zSTATE2	100	SMF100_Accelerator

Display Text	Value	Hex Value
DOWN	6	X'0000,0006'
INITIALIZED	0	X'0000,0000'
MAINTENANCE	5	X'0000,0005'
OFFLINE	3	X'0000,0003'
ONLINE	1	X'0000,0001'
PAUSED	2	X'0000,0002'
STOPPED	4	X'0000,0004'
UNKNOWN	7	X'0000,0007'

SMF 100 ENUM: zFLG1

Field Name	SMF Record	Segment Name
zFLG1	100	SMF100_Global_Locking

Display Text	Value	Hex Value
zFLMG counts are per LPAR	0	X'0000,0000'
zFLMG counts are per SUBSYS	1	X'0000,0001'

SMF 100 ENUM: zRINV

Field Name	SMF Record	Segment Name
zRINV	100	SMF100_Misc_IFC

Display Text	Value	Hex Value
ACTIVATED AT CHECKPOINT	20	X'0000,0014'
ACTIVATED BY TIMER	16	X'0000,0010'
ACTIVATED DURING ACCOUNTING	24	X'0000,0018'
BY COMMAND	12	X'0000,000C'
DB2 SHUT DOWN	8	X'0000,0008'
DB2 START UP	4	X'0000,0004'
READS REQUEST	28	X'0000,001C'
RESERVED	32	X'0000,0020'

SMF 100 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	100	SMF100_Prod_CPU

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 100 ENUM: zATYPTText

Field Name	SMF Record	Segment Name
zATYPTText	100	SMF100_Prod_Correlation

Display Text	Value	Hex Value
CICS ATTACH	4	X'0000,0004'
DB2 CALL ATTACH	2	X'0000,0002'
DB2 PRIVATE PROTOCOL	7	X'0000,0007'
DB2 UTILITIES	11	X'0000,000B'
DL/I BATCH	3	X'0000,0003'
DRDA PROTOCOL	8	X'0000,0008'
IMS ATTACH BMP	5	X'0000,0005'
IMS ATTACH MPP	6	X'0000,0006'
IMS CONTROL REGION	9	X'0000,0009'
IMS TRANSACTION BMP	10	X'0000,000A'
RRSAF ATTACH	12	X'0000,000C'
TSO FOREGROUND AND BACKGROUND	1	X'0000,0001'

SMF 100 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	100	SMF100_Prod_Correlation

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 100 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	100	SMF100_Prod_Data_Sharing

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 100 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	100	SMF100_Prod_Distributed

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 100 ENUM: zIFCIDText

Field Name	SMF Record	Segment Name
zIFCIDText	100	SMF100_Prod_Standard

Display Text	Value	Hex Value
Accounting - nesting	200	X'0000,00C8'
Accounting class 5 flag	187	X'0000,00BB'
Accounting class 7 IFCID	240	X'0000,00F0'
Accounting class 8 IFCID	241	X'0000,00F1'
Activate 5FAC diagnostic logrec	189	X'0000,00BD'
Active Package Detail.	346	X'0000,015A'
Address space create/term trace	364	X'0000,016C'
Advanced Triggers	372	X'0000,0174'
Aggregated Accounting Statistics	369	X'0000,0171'
Asynch IXLCACHE/IXLFCOMP requests	329	X'0000,0149'
Audit administrative authorities	361	X'0000,0169'
Auth cache serviceability trace	374	X'0000,0176'
Auth serviceability trace 1	404	X'0000,0194'
Auth serviceability trace 2	410	X'0000,019A'
Auth ENF signal serviceability trace	386	X'0000,0182'
AuthLE entry/exit trace	353	X'0000,0161'
AuthLE token get/free	354	X'0000,0162'
ABORT ENTRY	68	X'0000,0044'
ABORT EXIT	69	X'0000,0045'
ACCESS CONTROL AUTH EXIT PARAMETERS	314	X'0000,013A'
ACCOUNTING	3	X'0000,0003'
ACCOUNTING CLASS 2 IFCID	232	X'0000,00E8'
ACCOUNTING COLLECTION BEGINNING	67	X'0000,0043'
ACTIVE LOG SHORTAGE SITUATION	330	X'0000,014A'
ACTIVE THREAD DETAIL	148	X'0000,0094'
ACTIVE THREAD SNAPSHOT	147	X'0000,0093'
AFTER EXECUTION UNIT SWITCH	33	X'0000,0021'
AGENT SERVICEABILITY TRACE	376	X'0000,0178'
ALL LOCK FOR A USER	150	X'0000,0096'
ALL LOCK HOLDERS OF A RESOURCE	149	X'0000,0095'
ALLOCATE CURSOR statement info	273	X'0000,0111'
ALTER BUFFER POOL COMMAND	201	X'0000,00C9'
ALTER GROUPBUFFERPOOL command	256	X'0000,0100'
AMS ENTRY	92	X'0000,005C'
AMS EXIT	97	X'0000,0061'
APREUSE failure serviceability	405	X'0000,0195'
ASSIGNED 1	279	X'0000,0117'
ASSIGNED 2	315	X'0000,013B'

ASSOCIATE LOCATORS statement info	272	X'0000,0110'
ASYNCHRONOUS WRITE BEGIN	10	X'0000,000A'
AUTHORIZATION FAILURES	140	X'0000,008C'
Begin force-at-commit	321	X'0000,0141'
Begin index I/O parallel update	357	X'0000,0165'
Begin wait for a drain lock	213	X'0000,00D5'
Begin wait for claim count to go to zero	215	X'0000,00D7'
Begin TCP/IP LOB materialization	351	X'0000,015F'
Begin Wait due to page latch contention	226	X'0000,00E2'
Block fetch statistics	391	X'0000,0187'
Buffer refresh due to cross-invalidation	255	X'0000,00FF'
BACKING CACHE STRUCTURE STATS	254	X'0000,00FE'
BEFORE EXECUTION UNIT SWITCH	32	X'0000,0020'
BEG BSDS WRITE	119	X'0000,0077'
BEGIN ARC LOG MODE(QUIESCE) WAIT	174	X'0000,00AE'
BEGIN READ ARCHIVE	117	X'0000,0075'
BEGIN READ I/O ARCHIVE	114	X'0000,0072'
BEGIN WAIT FOR A STORED PROCEDURE	242	X'0000,00F2'
BEGIN WAIT FOR EU SWITCH	170	X'0000,00AA'
BEGIN WAIT FOR I/O BY ANOTHER AGENT	127	X'0000,007F'
BEGINNING OF XES REQUEST	252	X'0000,00FC'
BIND/REBIND BEGINNING	108	X'0000,006C'
BIND/REBIND END	109	X'0000,006D'
BUFFER LOG WRITES..READA	126	X'0000,007E'
BUFFER LOG WRITES..READS	129	X'0000,0081'
BUFFER MANAGER OPEN/CLOSE	107	X'0000,006B'
BUFFER MGR DATASET LSTATS TRACE	199	X'0000,00C7'
BUFFER MGR GETPAGE/SETWRITE TRACE	198	X'0000,00C6'
BUFFER SENT/RECEIVED	166	X'0000,00A6'
BUILT IN FUNCTION SERVICE TRACE	328	X'0000,0148'
Collect static stmt stats	400	X'0000,0190'
Commit_LSN detail record	223	X'0000,00DF'
Commit_LSN summary record	218	X'0000,00DA'
Conditional restart data loss	235	X'0000,00EB'
Connect/Disconnect of a group buffer pool	250	X'0000,00FA'
CDC PERFORMANCE RECORD	188	X'0000,00BC'
CF REBUILD END EVENT	268	X'0000,010C'
CF REBUILD START EVENT	267	X'0000,010B'
CHANGED DATA CAPTURE	185	X'0000,00B9'
CHECK CONSTRAINT	305	X'0000,0131'
CHECKPOINT ENTRY	42	X'0000,002A'
CHECKPOINT EXIT	43	X'0000,002B'
COMMAND ENTRY	90	X'0000,005A'

COMMAND EXIT	91	X'0000,005B'
COMMIT ENTRY	70	X'0000,0046'
COMMIT EXIT	71	X'0000,0047'
CONVERSATION ALLOCATION REQUEST	167	X'0000,00A7'
CREATE THREAD ENTRY	72	X'0000,0048'
CREATE THREAD EXIT	73	X'0000,0049'
CREATES, ALTERS, AND DROPS	142	X'0000,008E'
Data sharing global statistics	230	X'0000,00E6'
Data Manager Select Procedure bypass trace	224	X'0000,00E0'
Degree of parallelism of a parallel group	221	X'0000,00DD'
Drain/Release Claim request information	212	X'0000,00D4'
DATA BASE STATISTICS	2	X'0000,0002'
DATA SET CLOSE	371	X'0000,0173'
DATA SET OPEN	370	X'0000,0172'
DBET Changes	132	X'0000,0084'
DBID/OBID MAPPING	105	X'0000,0069'
DB2 ERROR MESSAGES	197	X'0000,00C5'
DC COMMUNICATION BUFFERS	184	X'0000,00B8'
DC REQUESTING AGENT DATA	160	X'0000,00A0'
DC RESPONDING AGENT DATA	161	X'0000,00A1'
DCE AUTHORIZATION (obsolete)	312	X'0000,0138'
DDF stats record	365	X'0000,016D'
DDM LEVEL 6A HEADER ERRORS	192	X'0000,00C0'
DDM LEVEL 6B OBJECTS 1	181	X'0000,00B5'
DDM LEVEL 6B OBJECTS 2	182	X'0000,00B6'
DDM LEVEL 6B OBJECTS 3	191	X'0000,00BF'
DEADLOCK DATA	172	X'0000,00AC'
DEBUG MESSAGES	320	X'0000,0140'
DECODE EXIT	19	X'0000,0013'
DECP and ZPARM settings	373	X'0000,0175'
DEFAULT - NORMAL TRACE RECORDS	0	X'0000,0000'
DISTRIBUTED AUTHID TRANSLATION	169	X'0000,00A9'
DISTRIBUTED SQL STATEMENT	168	X'0000,00A8'
DRDA Exceptions for scrollable cur	334	X'0000,014E'
DRDA EXCEPTION	299	X'0000,012B'
DRDS CONVERSATION MGR INTERACTIONS	159	X'0000,009F'
DRDS RDS/SCC INTERFACE DATA	183	X'0000,00B7'
DRDS REQUESTING SITE DATA	157	X'0000,009D'
DRDS RESPONDING SITE DATA	158	X'0000,009E'
DSS COMMUNICATION BUFFERS	180	X'0000,00B4'
DTM REQUESTING AGENT DATA	162	X'0000,00A2'
DTM RESPONDING AGENT DATA	163	X'0000,00A3'
DYNAMIC SQL EXCEEDS ASUTIME	173	X'0000,00AD'

DYNAMIC ZPARAM INFORMATION	202	X'0000,00CA'
End archive deallocation wait	229	X'0000,00E5'
End force-at-commit	322	X'0000,0142'
End index I/O parallel update	358	X'0000,0166'
End wait for a drain lock	214	X'0000,00D6'
End wait for claim count to go to zero	216	X'0000,00D8'
End TCP/IP LOB materialization	352	X'0000,0160'
End Wait due to page latch contention	227	X'0000,00E3'
Error detected during DB2 restart	238	X'0000,00EE'
EDM service 1	133	X'0000,0085'
EDM service 2	134	X'0000,0086'
EDM service 3	138	X'0000,008A'
EDM service 4	139	X'0000,008B'
EDM I/O END	30	X'0000,001E'
EDM I/O START	29	X'0000,001D'
EDM POOL INVALIDATE DBD	249	X'0000,00F9'
EDM POOL NOT LARGE ENOUGH	31	X'0000,001F'
ENCODE EXIT	12	X'0000,000C'
END ARC LOG MODE(QUIESCE) WAIT	175	X'0000,00AF'
END BSDS WRITE	120	X'0000,0078'
END DESCRIBE	53	X'0000,0035'
END DSNJW117 EXIT ROUTINE	179	X'0000,00B3'
END OF MEMORY ENTRY	76	X'0000,004C'
END OF MEMORY EXIT	77	X'0000,004D'
END OF TASK ENTRY	78	X'0000,004E'
END OF TASK EXIT	79	X'0000,004F'
END OF XES REQUEST	260	X'0000,0104'
END READ ARCHIVE	118	X'0000,0076'
END READ I/O ARCHIVE DASD	115	X'0000,0073'
END READ I/O ARCHIVE TAPE	116	X'0000,0074'
END WAIT FOR A STORED PROCEDURE	243	X'0000,00F3'
END WAIT FOR EU SWITCH	171	X'0000,00AB'
END WAIT FOR I/O BY ANOTHER AGENT	128	X'0000,0080'
ENTIRE SQL STATEMENT TEXT	350	X'0000,015E'
ERROR SIMULATION 001	280	X'0000,0118'
ERROR SIMULATION 002	281	X'0000,0119'
ERROR SIMULATION 003	282	X'0000,011A'
ERROR SIMULATION 004	283	X'0000,011B'
ERROR SIMULATION 005	284	X'0000,011C'
ERROR SIMULATION 006	285	X'0000,011D'
ERROR SIMULATION 007	286	X'0000,011E'
ERROR SIMULATION 008	287	X'0000,011F'
ERROR SIMULATION 009	288	X'0000,0120'

ERROR SIMULATION 010	289	X'0000,0121'
ERROR SIMULATION 011	290	X'0000,0122'
ERROR SIMULATION 012	291	X'0000,0123'
ERROR SIMULATION 013	292	X'0000,0124'
ERROR SIMULATION 014	293	X'0000,0125'
ERROR SIMULATION 015	294	X'0000,0126'
ERROR SIMULATION 016	295	X'0000,0127'
ERROR SIMULATION 017	296	X'0000,0128'
ERROR SIMULATION 018	297	X'0000,0129'
ERROR SIMULATION 019	298	X'0000,012A'
ERROR SIMULATION 020	300	X'0000,012C'
ERROR SIMULATION 021	301	X'0000,012D'
ERROR SIMULATION 022	302	X'0000,012E'
ERROR SIMULATION 023	303	X'0000,012F'
ERROR SIMULATION 024	304	X'0000,0130'
ERROR SIMULATION 025	307	X'0000,0133'
ERROR SIMULATION 026	308	X'0000,0134'
ERROR SIMULATION 027	309	X'0000,0135'
ERROR SIMULATION 028	310	X'0000,0136'
ESTABLISH EXITS ENTRY	80	X'0000,0050'
ESTABLISH EXITS EXIT	81	X'0000,0051'
EU Switch Dump Trigger-internal only	326	X'0000,0146'
EU SWITCH SRB ENTRY	47	X'0000,002F'
EU SWITCH SRB EXIT	48	X'0000,0030'
EU SWITCH TCB ENTRY	49	X'0000,0031'
EU SWITCH TCB EXIT	50	X'0000,0032'
EXCLUSIVE LATCH RESUME	57	X'0000,0039'
EXCLUSIVE LATCH SUSPEND	56	X'0000,0038'
EXIT FROM OSET, SRT1, OR RNXT	18	X'0000,0012'
EXPLICIT GRANTS AND REVOKES	141	X'0000,008D'
FIRST ACCESS (READ) AUDITED OBJECT	144	X'0000,0090'
FIRST CHANGE (WRITE) AUDIT OBJECT	143	X'0000,008F'
FREE BEGINNING	110	X'0000,006E'
FREE END	111	X'0000,006F'
FUNCTION RESOLUTION TRACE	324	X'0000,0144'
GBP CHECKPOINT	261	X'0000,0105'
GBPOOLT CASTOUT THRESHOLD	262	X'0000,0106'
GETMAIN/FREEMAIN ENTRY	98	X'0000,0062'
GETMAIN/FREEMAIN EXIT	99	X'0000,0063'
GLOBAL TEMPORARY TABLES	311	X'0000,0137'
Heuristic damage during SNA Comp State exch	207	X'0000,00CF'
Heuristic Decision	203	X'0000,00CB'
HSET ENTRY	13	X'0000,000D'

HSET EXIT	14	X'0000,000E'
HYBRID JOIN OVERFLOWS	190	X'0000,00BE'
Incorrect LOGNAME/Syncpt parm on warm start	205	X'0000,00CD'
Incremental bind for special reg.	341	X'0000,0155'
Index tree split trace	359	X'0000,0167'
Index FTB create/free	477	X'0000,01DD'
Index Manager memory management(FTB)	389	X'0000,0185'
Input host variable tracing	247	X'0000,00F7'
IDENTIFY ENTRY	82	X'0000,0052'
IDENTIFY EXIT	83	X'0000,0053'
INPUT SQLDA/host variable ctrl blk	274	X'0000,0112'
INPUT SQLDA/transition variable	276	X'0000,0114'
INSTALLATION ACCOUNTING INFORMATION	151	X'0000,0097'
INSTALLATION AUDIT RECORD	146	X'0000,0092'
INSTALLATION MONITORING	155	X'0000,009B'
INSTALLATION PERFORMANCE	154	X'0000,009A'
INSTALLATION PERFORMANCE EXCEPTION	153	X'0000,0099'
INSTALLATION SERVICEABILITY	156	X'0000,009C'
INSTALLATION STATISTICS	152	X'0000,0098'
INVALID SNA FMH-5 RECEIVED	194	X'0000,00C2'
IRLM Notify request detail	257	X'0000,0101'
IRLM SUSPEND ENTRY	44	X'0000,002C'
IRLM SUSPEND EXIT	45	X'0000,002D'
Locator service	331	X'0000,014B'
Lock Escalation Occurences	337	X'0000,0151'
LE RUNTIME DIAGNOSIS	327	X'0000,0147'
LOCK CONTENTION INFORMATION	54	X'0000,0036'
LOCK DETAIL	21	X'0000,0015'
LOCK SUMMARY	20	X'0000,0014'
LOG DATA SET MAPPING	104	X'0000,0068'
LOG RECORDS via IFI READS	306	X'0000,0132'
LOGNAME changed on WARM START	210	X'0000,00D2'
LONG RUNNING UR'S AT CHKPT	313	X'0000,0139'
Make/Release/Change Claim request info	211	X'0000,00D3'
Max temp space per agent exceeded	343	X'0000,0157'
Monitoring extend and space growth	258	X'0000,0102'
MEPL TRACE	186	X'0000,00BA'
MINI PLANS OPTIMIZER	22	X'0000,0016'
MULTIPLE INDEX ACCESS PATH SELECTION	125	X'0000,007D'
Non RACF identity mapping	319	X'0000,013F'
Non SP/UDF stmt execution detail	497	X'0000,01F1'
Num rows processed by a parallel group	222	X'0000,00DE'
NON I/O BEGIN	36	X'0000,0024'

NON I/O EXIT	37	X'0000,0025'
Output host variable tracing	248	X'0000,00F8'
OSET ENTRY	15	X'0000,000F'
OUTPUT CCSID cntl block	336	X'0000,0150'
OUTPUT SQLDA/host variable ctrl blk	275	X'0000,0113'
Package detail switch	339	X'0000,0153'
Package/DBRM accounting overflow info	239	X'0000,00EF'
Page P-lock negotiation request	259	X'0000,0103'
Parallelism incremental rebind	360	X'0000,0168'
Parallelism straw model performance trace	363	X'0000,016B'
Partner COLD START detected	204	X'0000,00CC'
Pgset/ptn P-lock negotiation request	251	X'0000,00FB'
Profile messages detail	406	X'0000,0196'
Profile stats	402	X'0000,0192'
Profile table SET statements	387	X'0000,0183'
PAGESET AND PARTITION CASTOUT	263	X'0000,0107'
PARALLEL TASKS DETAIL RECORD	231	X'0000,00E7'
PATH	137	X'0000,0089'
POOL EXPAND/CONTRACE EXIT	101	X'0000,0065'
POOL EXPAND/CONTRACT ENTRY	100	X'0000,0064'
PREDICTIVE GOVERNOR SERVICEABILITY	323	X'0000,0143'
PREPARE ENTRY	84	X'0000,0054'
PREPARE EXIT	85	X'0000,0055'
PREPARED STATEMENT CACHE STATEMENT	317	X'0000,013D'
PREPARED STATEMENT CACHE STATS	316	X'0000,013C'
PREPARED STATEMENT CACHE SWITCH	318	X'0000,013E'
Reserved for SAO/DWA	403	X'0000,0193'
Routine Free Storage	278	X'0000,0116'
Routine Get Storage	277	X'0000,0115'
READ ENTRY	34	X'0000,0022'
READ BEGIN	6	X'0000,0006'
READ END	7	X'0000,0007'
READ EXIT	35	X'0000,0023'
READS AUTHIDS	234	X'0000,00EA'
RECORD A PIPE WAIT SUSPEND TIME	413	X'0000,019D'
RESERVED FOR SRV GENERATED RECORDS	123	X'0000,007B'
RESERVED INDEX LOGGING	130	X'0000,0082'
RESERVED 1	253	X'0000,00FD'
RESERVED 2	264	X'0000,0108'
RESUME	94	X'0000,005E'
RESUMPTION OF PIPE WAIT SUSPEND TIME	414	X'0000,019E'
RLF predictive gov for dynamic stmt	397	X'0000,018D'
RLF reactive gov for dynamic stmt	398	X'0000,018E'

RNXT ENTRY	17	X'0000,0011'
ROW PERMISSION OR COLUMN MASK DDL	271	X'0000,010F'
Serviceability IFI trace 1	347	X'0000,015B'
Serviceability IFI trace 2	348	X'0000,015C'
Serviceability IFI trace 3	349	X'0000,015D'
Serviceability TRACE for global vars	388	X'0000,0184'
Serviceability UDF caching	390	X'0000,0186'
Start archive tape unit deallocation wait	228	X'0000,00E4'
Start/Stop trace with auditpolicy	362	X'0000,016A'
Static stmt stats external	401	X'0000,0191'
Statistics feedback externalization	385	X'0000,0181'
Statistics feedback recommendation	384	X'0000,0180'
Storage Pool Detail	217	X'0000,00D9'
Storage Pool Summary	225	X'0000,00E1'
Stored Procedure Cache Table SPCT	246	X'0000,00F6'
Stored Procedure Paramater List STPL	245	X'0000,00F5'
Stored Procedure Parameter List STPL	244	X'0000,00F4'
Synchpoint communication failure	209	X'0000,00D1'
System Event Stalled Notification	335	X'0000,014F'
SCA ACCESS REQUEST BEGIN	265	X'0000,0109'
SCA ACCESS REQUEST END	266	X'0000,010A'
SERVICEABILITY IFCID.	368	X'0000,0170'
SERVICEABILITY TRACE 1	375	X'0000,0177'
SERVICEABILITY TRACE 2	377	X'0000,0179'
SERVICEABILITY TRACE 3	511	X'0000,01FF'
SET CURRENT DEGREE	237	X'0000,00ED'
SHARED LATCH RESUME	51	X'0000,0033'
SHARED LATCH SUSPEND ENTRY	52	X'0000,0034'
SHORT ON STORAGE OFF	103	X'0000,0067'
SHORT ON STORAGE ON	102	X'0000,0066'
SIGNON ENTRY	86	X'0000,0056'
SIGNON EXIT	87	X'0000,0057'
SMC STORAGE TRACE RECORD	176	X'0000,00B0'
SNA Compare States protocol error	206	X'0000,00CE'
SNA Synchpoint protocol error	208	X'0000,00D0'
SORT ENTRY	95	X'0000,005F'
SORT EXIT	96	X'0000,0060'
SORT NEW RUN	27	X'0000,001B'
SORT RUNS CREATED	28	X'0000,001C'
SORT WORK FILE	26	X'0000,001A'
SP detail record	380	X'0000,017C'
SP stmt execution detail	499	X'0000,01F3'
SP/UDF function data point	345	X'0000,0159'

SP/UDF function entry/exit point	344	X'0000,0158'
SQL AUTH/DDDL/LOCK	62	X'0000,003E'
SQL CALL COMPLETION	58	X'0000,003A'
SQL CALL TEXT	63	X'0000,003F'
SQL CLOSE CURSOR	66	X'0000,0042'
SQL DEL/INSERT/UPDATE	61	X'0000,003D'
SQL FETCH	59	X'0000,003B'
SQL OPEN CURSOR	65	X'0000,0041'
SQL PARSE	136	X'0000,0088'
SQL PL Flow	355	X'0000,0163'
SQL PL Variables	356	X'0000,0164'
SQL PREPARE	64	X'0000,0040'
SQL SELECT	60	X'0000,003C'
SQL SET CURRENT SQLID	55	X'0000,0037'
SQL STATEMENT ON READS	124	X'0000,007C'
SQL TEXT FOR AUDITED OBJECT	145	X'0000,0091'
SQLCODE trace	340	X'0000,0154'
SQLDA DISCREPANCY	195	X'0000,00C3'
SQLPL ASUTime track	399	X'0000,018F'
SRT1 ENTRY	16	X'0000,0010'
START DSNJW117 EXIT ROUTINE	178	X'0000,00B2'
START TRACE MESSAGE	4	X'0000,0004'
START/END CALL TO USER ROUTINE	233	X'0000,00E9'
STOP TRACE MESSAGE	5	X'0000,0005'
STORAGE ANALYSIS	338	X'0000,0152'
SUCCESSFUL ALLOCATION SYSTEM AGENTS	113	X'0000,0071'
SUCCESSFUL PACKAGE ALLOCATION	177	X'0000,00B1'
SUCCESSFUL PLAN ALLOCATION ALLIED	112	X'0000,0070'
SUSPEND	93	X'0000,005D'
SYNC ENTRY	88	X'0000,0058'
SYNC EXIT	89	X'0000,0059'
SYNCHRONOUS EU SWITCH	46	X'0000,002E'
SYSTEM STATISTICS	1	X'0000,0001'
TransCSO service	332	X'0000,014C'
Traverse CSO	333	X'0000,014D'
TERMINATE THREAD ENTRY	74	X'0000,004A'
TERMINATE THREAD EXIT	75	X'0000,004B'
THREAD LEVEL ENTRY INTO DB2	121	X'0000,0079'
THREAD LEVEL EXIT FROM DB2	122	X'0000,007A'
TIMEOUT DATA	196	X'0000,00C4'
TRIGGER BEGIN/END	325	X'0000,0145'
TRUSTED CONTEXT - Connection data	269	X'0000,010D'
TRUSTED CONTEXT - DDL info	270	X'0000,010E'

Used to control sync dumping	502	X'0000,01F6'
Used to control COUNTPAGES	501	X'0000,01F5'
Used to control DIRTY STORAGE	500	X'0000,01F4'
Used to control DISCARDPAGES	503	X'0000,01F7'
Utility dataset close record	220	X'0000,00DC'
Utility LISTDEF record	219	X'0000,00DB'
UDF detail record	381	X'0000,017D'
UDF stmt execution detail	498	X'0000,01F2'
UOW DISPOSITION/SQLCODE MISMATCH	193	X'0000,00C1'
USED BY UTILITIES	131	X'0000,0083'
UTILITY END	25	X'0000,0019'
UTILITY OBJECT CHANGE	24	X'0000,0018'
UTILITY START	23	X'0000,0017'
VALIDATION EXIT	11	X'0000,000B'
VTAM EXITS TO DB2	164	X'0000,00A4'
VTAM MACRO CALLS/RETURNS	165	X'0000,00A5'
WF/TD usage per Agent	342	X'0000,0156'
WORK FILE ALLOC/DELETE BLOCK	135	X'0000,0087'
WRITE ACTIVE ENTRY	38	X'0000,0026'
WRITE ACTIVE EXIT	39	X'0000,0027'
WRITE ARCHIVE ENTRY	40	X'0000,0028'
WRITE ARCHIVE EXIT	41	X'0000,0029'
WRITE BEGIN	8	X'0000,0008'
WRITE END	9	X'0000,0009'
XLN Protocol error	236	X'0000,00EC'
XML Storage Manager	367	X'0000,016F'
Z PARM INFORMATION	106	X'0000,006A'

SMF 100 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	100	SMF100_Prod_Standard

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 100 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	100	SMF100_Prod_Trace

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 100 ENUM: zFLG1

Field Name	SMF Record	Segment Name
zFLG1	100	SMF100_QBGL_Group_Buffer_Pool

Display Text	Value	Hex Value
Last	0	X'0000,0000'
More follows	1	X'0000,0001'

SMF 100 ENUM: zFLG1

Field Name	SMF Record	Segment Name
zFLG1	100	SMF100_Simulated_Buffer_Pool

Display Text	Value	Hex Value
Last	0	X'0000,0000'
More follows	1	X'0000,0001'

SMF 101 ENUM: zRINVdesc

Field Name	SMF Record	Segment Name
zRINVdesc	101	SMF101_Instrumentation

Display Text	Value	Hex Value
001=TOO MANY END USER OCCURRENCES OR DDF/RRSAF ROLLUP DATA.	1	X'0000,0001'
002=END USER FOR DDF/RRSAF, & INT STG THRESH FOR ACCNT BLKS REACHED.	2	X'0000,0002'
003=END USER FOR DDF/RRSAF, & STALENESS THRESHOLD EXCEEDED.	3	X'0000,0003'
004=INSTRUMENTATION FACILITY INTERFACE (IFI) READS REQUEST (NORMAL).	4	X'0000,0004'
006=PART SIGNON AND AUTH ID REMAINS THE SAME. ALSO CALLED RESIGNON.	6	X'0000,0006'
008=NEW USER, THE AUTH ID CHANGED OR SIGNON WITH THE SAME AUTH ID.	8	X'0000,0008'
010=DATABASE ACCESS THREAD IS BECOMING INACTIVE.	10	X'0000,000A'
011=A DDF TYPE 2 INACTIVE THREAD IS BECOMING INACTIVE.	11	X'0000,000B'
012=DEALLOCATION, NORMAL PROGRAM TERMINATION (NORMAL).	12	X'0000,000C'
014=RRSAF COMMIT.	14	X'0000,000E'
016=END OF TASK (NORMAL).	16	X'0000,0010'
020=END OF TASK, APPLICATION PROGRAM ABEND SITUATION (ABNORMAL).	20	X'0000,0014'
024=END OF MEMORY (ABNORMAL).	24	X'0000,0018'
028=RESOLVE INDOUBT (ABNORMAL).	28	X'0000,001C'
032=STOP FORCE (DB2 CMD), CANCEL DB2, FORCE DB2 (z/OS CMD).	32	X'0000,0020'
040=END OF TASK, APPLICATION PROGRAM TERMINATED (NORMAL).	40	X'0000,0028'
044=END OF TASK, APPLICATION PROGRAM ABEND SITUATION (ABNORMAL).	44	X'0000,002C'
048=END OF MEMORY (ABNORMAL).	48	X'0000,0030'
056=STOP FORCE (DB2 CMD), CANCEL DB2, FORCE DB2 (z/OS CMD).	56	X'0000,0038'

SMF 101 ENUM: zPRECText

Field Name	SMF Record	Segment Name
zPRECText	101	SMF101_Lock

Display Text	Value	Hex Value
LIM FR ANY AUTHID & ANY COLLECT	14	X'0000,000E'
LIM FR ANY AUTHID & ANY PKG	13	X'0000,000D'
LIM FR ANY AUTHID, PKG, & COLLECT	15	X'0000,000F'
LIM FR AUTHID RUNNING ANY PKG & COLLECT	11	X'0000,000B'
LIM FR BLANK AUTHID & PLAN	4	X'0000,0004'
LIM FR INSTALL -- I/O ERROR	6	X'0000,0006'
LIM FR INSTALL -- NO ENTRY	5	X'0000,0005'
LIM FR SPEC AUTHID & PLAN	1	X'0000,0001'
LIM FR SPEC AUTHID RUNNING ANY COLLECT	10	X'0000,000A'
LIM FR SPEC AUTHID RUNNING ANY PKG	9	X'0000,0009'
LIM FR SPEC AUTHID RUNNING ANY PLAN	2	X'0000,0002'
LIM FR SPEC AUTHID, COLLECT, & PKG	8	X'0000,0008'
LIM FR SPEC PKG & COLLECT FOR ANY AUTHID	12	X'0000,000C'
LIM FR SPEC PLAN NAME FOR ANY AUTHID	3	X'0000,0003'
NO LIMIT -- USER HAS SYSADM/SYSOPR AUTHORITY	7	X'0000,0007'
16 (NOT DOCUMENTED)	16	X'0000,0010'
17 (NOT DOCUMENTED)	17	X'0000,0011'
18 (NOT DOCUMENTED)	18	X'0000,0012'
19 (NOT DOCUMENTED)	19	X'0000,0013'
20 (NOT DOCUMENTED)	20	X'0000,0014'

SMF 101 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	101	SMF101_Prod_CPU

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 101 ENUM: zATYPText

Field Name	SMF Record	Segment Name
zATYPText	101	SMF101_Prod_Correlation

Display Text	Value	Hex Value
CICS ATTACH	4	X'0000,0004'
DB2 CALL ATTACH	2	X'0000,0002'
DB2 PRIVATE PROTOCOL	7	X'0000,0007'
DB2 UTILITIES	11	X'0000,000B'
DL/I BATCH	3	X'0000,0003'
DRDA PROTOCOL	8	X'0000,0008'
IMS ATTACH BMP	5	X'0000,0005'
IMS ATTACH MPP	6	X'0000,0006'
IMS CONTROL REGION	9	X'0000,0009'
IMS TRANSACTION BMP	10	X'0000,000A'
RRSAF ATTACH	12	X'0000,000C'
TSO FOREGROUND AND BACKGROUND	1	X'0000,0001'

SMF 101 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	101	SMF101_Prod_Correlation

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 101 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	101	SMF101_Prod_Data_Sharing

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 101 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	101	SMF101_Prod_Distributed

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 101 ENUM: zIFCIDText

Field Name	SMF Record	Segment Name
zIFCIDText	101	SMF101_Prod_Standard

Display Text	Value	Hex Value
Accounting - nesting	200	X'0000,00C8'
Accounting class 5 flag	187	X'0000,00BB'
Accounting class 7 IFCID	240	X'0000,00F0'
Accounting class 8 IFCID	241	X'0000,00F1'
Activate 5FAC diagnostic logrec	189	X'0000,00BD'
Active Package Detail.	346	X'0000,015A'
Address space create/term trace	364	X'0000,016C'
Advanced Triggers	372	X'0000,0174'
Aggregated Accounting Statistics	369	X'0000,0171'
Asynch IXLCACHE/IXLFCOMP requests	329	X'0000,0149'
Audit administrative authorities	361	X'0000,0169'
Auth cache serviceability trace	374	X'0000,0176'
Auth serviceability trace 1	404	X'0000,0194'
Auth serviceability trace 2	410	X'0000,019A'
Auth ENF signal serviceability trace	386	X'0000,0182'
AuthLE entry/exit trace	353	X'0000,0161'
AuthLE token get/free	354	X'0000,0162'
ABORT ENTRY	68	X'0000,0044'
ABORT EXIT	69	X'0000,0045'
ACCESS CONTROL AUTH EXIT PARAMETERS	314	X'0000,013A'
ACCOUNTING	3	X'0000,0003'
ACCOUNTING CLASS 2 IFCID	232	X'0000,00E8'
ACCOUNTING COLLECTION BEGINNING	67	X'0000,0043'
ACTIVE LOG SHORTAGE SITUATION	330	X'0000,014A'
ACTIVE THREAD DETAIL	148	X'0000,0094'
ACTIVE THREAD SNAPSHOT	147	X'0000,0093'
AFTER EXECUTION UNIT SWITCH	33	X'0000,0021'
AGENT SERVICEABILITY TRACE	376	X'0000,0178'
ALL LOCK FOR A USER	150	X'0000,0096'
ALL LOCK HOLDERS OF A RESOURCE	149	X'0000,0095'
ALLOCATE CURSOR statement info	273	X'0000,0111'
ALTER BUFFER POOL COMMAND	201	X'0000,00C9'
ALTER GROUPBUFFERPOOL command	256	X'0000,0100'
AMS ENTRY	92	X'0000,005C'
AMS EXIT	97	X'0000,0061'
APREUSE failure serviceability	405	X'0000,0195'
ASSIGNED 1	279	X'0000,0117'
ASSIGNED 2	315	X'0000,013B'

ASSOCIATE LOCATORS statement info	272	X'0000,0110'
ASYNCHRONOUS WRITE BEGIN	10	X'0000,000A'
AUTHORIZATION FAILURES	140	X'0000,008C'
Begin force-at-commit	321	X'0000,0141'
Begin index I/O parallel update	357	X'0000,0165'
Begin wait for a drain lock	213	X'0000,00D5'
Begin wait for claim count to go to zero	215	X'0000,00D7'
Begin TCP/IP LOB materialization	351	X'0000,015F'
Begin Wait due to page latch contention	226	X'0000,00E2'
Block fetch statistics	391	X'0000,0187'
Buffer refresh due to cross-invalidation	255	X'0000,00FF'
BACKING CACHE STRUCTURE STATS	254	X'0000,00FE'
BEFORE EXECUTION UNIT SWITCH	32	X'0000,0020'
BEG BSDS WRITE	119	X'0000,0077'
BEGIN ARC LOG MODE(QUIESCE) WAIT	174	X'0000,00AE'
BEGIN READ ARCHIVE	117	X'0000,0075'
BEGIN READ I/O ARCHIVE	114	X'0000,0072'
BEGIN WAIT FOR A STORED PROCEDURE	242	X'0000,00F2'
BEGIN WAIT FOR EU SWITCH	170	X'0000,00AA'
BEGIN WAIT FOR I/O BY ANOTHER AGENT	127	X'0000,007F'
BEGINNING OF XES REQUEST	252	X'0000,00FC'
BIND/REBIND BEGINNING	108	X'0000,006C'
BIND/REBIND END	109	X'0000,006D'
BUFFER LOG WRITES..READA	126	X'0000,007E'
BUFFER LOG WRITES..READS	129	X'0000,0081'
BUFFER MANAGER OPEN/CLOSE	107	X'0000,006B'
BUFFER MGR DATASET LSTATS TRACE	199	X'0000,00C7'
BUFFER MGR GETPAGE/SETWRITE TRACE	198	X'0000,00C6'
BUFFER SENT/RECEIVED	166	X'0000,00A6'
BUILT IN FUNCTION SERVICE TRACE	328	X'0000,0148'
Collect static stmt stats	400	X'0000,0190'
Commit_LSN detail record	223	X'0000,00DF'
Commit_LSN summary record	218	X'0000,00DA'
Conditional restart data loss	235	X'0000,00EB'
Connect/Disconnect of a group buffer pool	250	X'0000,00FA'
CDC PERFORMANCE RECORD	188	X'0000,00BC'
CF REBUILD END EVENT	268	X'0000,010C'
CF REBUILD START EVENT	267	X'0000,010B'
CHANGED DATA CAPTURE	185	X'0000,00B9'
CHECK CONSTRAINT	305	X'0000,0131'
CHECKPOINT ENTRY	42	X'0000,002A'
CHECKPOINT EXIT	43	X'0000,002B'
COMMAND ENTRY	90	X'0000,005A'

COMMAND EXIT	91	X'0000,005B'
COMMIT ENTRY	70	X'0000,0046'
COMMIT EXIT	71	X'0000,0047'
CONVERSATION ALLOCATION REQUEST	167	X'0000,00A7'
CREATE THREAD ENTRY	72	X'0000,0048'
CREATE THREAD EXIT	73	X'0000,0049'
CREATES, ALTERS, AND DROPS	142	X'0000,008E'
Data sharing global statistics	230	X'0000,00E6'
Data Manager Select Procedure bypass trace	224	X'0000,00E0'
Degree of parallelism of a parallel group	221	X'0000,00DD'
Drain/Release Claim request information	212	X'0000,00D4'
DATA BASE STATISTICS	2	X'0000,0002'
DATA SET CLOSE	371	X'0000,0173'
DATA SET OPEN	370	X'0000,0172'
DBET Changes	132	X'0000,0084'
DBID/OBID MAPPING	105	X'0000,0069'
DB2 ERROR MESSAGES	197	X'0000,00C5'
DC COMMUNICATION BUFFERS	184	X'0000,00B8'
DC REQUESTING AGENT DATA	160	X'0000,00A0'
DC RESPONDING AGENT DATA	161	X'0000,00A1'
DCE AUTHORIZATION (obsolete)	312	X'0000,0138'
DDF stats record	365	X'0000,016D'
DDM LEVEL 6A HEADER ERRORS	192	X'0000,00C0'
DDM LEVEL 6B OBJECTS 1	181	X'0000,00B5'
DDM LEVEL 6B OBJECTS 2	182	X'0000,00B6'
DDM LEVEL 6B OBJECTS 3	191	X'0000,00BF'
DEADLOCK DATA	172	X'0000,00AC'
DEBUG MESSAGES	320	X'0000,0140'
DECODE EXIT	19	X'0000,0013'
DECP and ZPARM settings	373	X'0000,0175'
DEFAULT - NORMAL TRACE RECORDS	0	X'0000,0000'
DISTRIBUTED AUTHID TRANSLATION	169	X'0000,00A9'
DISTRIBUTED SQL STATEMENT	168	X'0000,00A8'
DRDA Exceptions for scrollable cur	334	X'0000,014E'
DRDA EXCEPTION	299	X'0000,012B'
DRDS CONVERSATION MGR INTERACTIONS	159	X'0000,009F'
DRDS RDS/SCC INTERFACE DATA	183	X'0000,00B7'
DRDS REQUESTING SITE DATA	157	X'0000,009D'
DRDS RESPONDING SITE DATA	158	X'0000,009E'
DSS COMMUNICATION BUFFERS	180	X'0000,00B4'
DTM REQUESTING AGENT DATA	162	X'0000,00A2'
DTM RESPONDING AGENT DATA	163	X'0000,00A3'
DYNAMIC SQL EXCEEDS ASUTIME	173	X'0000,00AD'

DYNAMIC ZPARAM INFORMATION	202	X'0000,00CA'
End archive deallocation wait	229	X'0000,00E5'
End force-at-commit	322	X'0000,0142'
End index I/O parallel update	358	X'0000,0166'
End wait for a drain lock	214	X'0000,00D6'
End wait for claim count to go to zero	216	X'0000,00D8'
End TCP/IP LOB materialization	352	X'0000,0160'
End Wait due to page latch contention	227	X'0000,00E3'
Error detected during DB2 restart	238	X'0000,00EE'
EDM service 1	133	X'0000,0085'
EDM service 2	134	X'0000,0086'
EDM service 3	138	X'0000,008A'
EDM service 4	139	X'0000,008B'
EDM I/O END	30	X'0000,001E'
EDM I/O START	29	X'0000,001D'
EDM POOL INVALIDATE DBD	249	X'0000,00F9'
EDM POOL NOT LARGE ENOUGH	31	X'0000,001F'
ENCODE EXIT	12	X'0000,000C'
END ARC LOG MODE(QUIESCE) WAIT	175	X'0000,00AF'
END BSDS WRITE	120	X'0000,0078'
END DESCRIBE	53	X'0000,0035'
END DSNJW117 EXIT ROUTINE	179	X'0000,00B3'
END OF MEMORY ENTRY	76	X'0000,004C'
END OF MEMORY EXIT	77	X'0000,004D'
END OF TASK ENTRY	78	X'0000,004E'
END OF TASK EXIT	79	X'0000,004F'
END OF XES REQUEST	260	X'0000,0104'
END READ ARCHIVE	118	X'0000,0076'
END READ I/O ARCHIVE DASD	115	X'0000,0073'
END READ I/O ARCHIVE TAPE	116	X'0000,0074'
END WAIT FOR A STORED PROCEDURE	243	X'0000,00F3'
END WAIT FOR EU SWITCH	171	X'0000,00AB'
END WAIT FOR I/O BY ANOTHER AGENT	128	X'0000,0080'
ENTIRE SQL STATEMENT TEXT	350	X'0000,015E'
ERROR SIMULATION 001	280	X'0000,0118'
ERROR SIMULATION 002	281	X'0000,0119'
ERROR SIMULATION 003	282	X'0000,011A'
ERROR SIMULATION 004	283	X'0000,011B'
ERROR SIMULATION 005	284	X'0000,011C'
ERROR SIMULATION 006	285	X'0000,011D'
ERROR SIMULATION 007	286	X'0000,011E'
ERROR SIMULATION 008	287	X'0000,011F'
ERROR SIMULATION 009	288	X'0000,0120'

ERROR SIMULATION 010	289	X'0000,0121'
ERROR SIMULATION 011	290	X'0000,0122'
ERROR SIMULATION 012	291	X'0000,0123'
ERROR SIMULATION 013	292	X'0000,0124'
ERROR SIMULATION 014	293	X'0000,0125'
ERROR SIMULATION 015	294	X'0000,0126'
ERROR SIMULATION 016	295	X'0000,0127'
ERROR SIMULATION 017	296	X'0000,0128'
ERROR SIMULATION 018	297	X'0000,0129'
ERROR SIMULATION 019	298	X'0000,012A'
ERROR SIMULATION 020	300	X'0000,012C'
ERROR SIMULATION 021	301	X'0000,012D'
ERROR SIMULATION 022	302	X'0000,012E'
ERROR SIMULATION 023	303	X'0000,012F'
ERROR SIMULATION 024	304	X'0000,0130'
ERROR SIMULATION 025	307	X'0000,0133'
ERROR SIMULATION 026	308	X'0000,0134'
ERROR SIMULATION 027	309	X'0000,0135'
ERROR SIMULATION 028	310	X'0000,0136'
ESTABLISH EXITS ENTRY	80	X'0000,0050'
ESTABLISH EXITS EXIT	81	X'0000,0051'
EU Switch Dump Trigger-internal only	326	X'0000,0146'
EU SWITCH SRB ENTRY	47	X'0000,002F'
EU SWITCH SRB EXIT	48	X'0000,0030'
EU SWITCH TCB ENTRY	49	X'0000,0031'
EU SWITCH TCB EXIT	50	X'0000,0032'
EXCLUSIVE LATCH RESUME	57	X'0000,0039'
EXCLUSIVE LATCH SUSPEND	56	X'0000,0038'
EXIT FROM OSET, SRT1, OR RNXT	18	X'0000,0012'
EXPLICIT GRANTS AND REVOKES	141	X'0000,008D'
FIRST ACCESS (READ) AUDITED OBJECT	144	X'0000,0090'
FIRST CHANGE (WRITE) AUDIT OBJECT	143	X'0000,008F'
FREE BEGINNING	110	X'0000,006E'
FREE END	111	X'0000,006F'
FUNCTION RESOLUTION TRACE	324	X'0000,0144'
GBP CHECKPOINT	261	X'0000,0105'
GBPOOLT CASTOUT THRESHOLD	262	X'0000,0106'
GETMAIN/FREEMAIN ENTRY	98	X'0000,0062'
GETMAIN/FREEMAIN EXIT	99	X'0000,0063'
GLOBAL TEMPORARY TABLES	311	X'0000,0137'
Heuristic damage during SNA Comp State exch	207	X'0000,00CF'
Heuristic Decision	203	X'0000,00CB'
HSET ENTRY	13	X'0000,000D'

HSET EXIT	14	X'0000,000E'
HYBRID JOIN OVERFLOWS	190	X'0000,00BE'
Incorrect LOGNAME/Syncpt parm on warm start	205	X'0000,00CD'
Incremental bind for special reg.	341	X'0000,0155'
Index tree split trace	359	X'0000,0167'
Index FTB create/free	477	X'0000,01DD'
Index Manager memory management(FTB)	389	X'0000,0185'
Input host variable tracing	247	X'0000,00F7'
IDENTIFY ENTRY	82	X'0000,0052'
IDENTIFY EXIT	83	X'0000,0053'
INPUT SQLDA/host variable ctrl blk	274	X'0000,0112'
INPUT SQLDA/transition variable	276	X'0000,0114'
INSTALLATION ACCOUNTING INFORMATION	151	X'0000,0097'
INSTALLATION AUDIT RECORD	146	X'0000,0092'
INSTALLATION MONITORING	155	X'0000,009B'
INSTALLATION PERFORMANCE	154	X'0000,009A'
INSTALLATION PERFORMANCE EXCEPTION	153	X'0000,0099'
INSTALLATION SERVICEABILITY	156	X'0000,009C'
INSTALLATION STATISTICS	152	X'0000,0098'
INVALID SNA FMH-5 RECEIVED	194	X'0000,00C2'
IRLM Notify request detail	257	X'0000,0101'
IRLM SUSPEND ENTRY	44	X'0000,002C'
IRLM SUSPEND EXIT	45	X'0000,002D'
Locator service	331	X'0000,014B'
Lock Escalation Occurences	337	X'0000,0151'
LE RUNTIME DIAGNOSIS	327	X'0000,0147'
LOCK CONTENTION INFORMATION	54	X'0000,0036'
LOCK DETAIL	21	X'0000,0015'
LOCK SUMMARY	20	X'0000,0014'
LOG DATA SET MAPPING	104	X'0000,0068'
LOG RECORDS via IFI READS	306	X'0000,0132'
LOGNAME changed on WARM START	210	X'0000,00D2'
LONG RUNNING UR'S AT CHKPT	313	X'0000,0139'
Make/Release/Change Claim request info	211	X'0000,00D3'
Max temp space per agent exceeded	343	X'0000,0157'
Monitoring extend and space growth	258	X'0000,0102'
MEPL TRACE	186	X'0000,00BA'
MINI PLANS OPTIMIZER	22	X'0000,0016'
MULTIPLE INDEX ACCESS PATH SELECTION	125	X'0000,007D'
Non RACF identity mapping	319	X'0000,013F'
Non SP/UDF stmt execution detail	497	X'0000,01F1'
Num rows processed by a parallel group	222	X'0000,00DE'
NON I/O BEGIN	36	X'0000,0024'

NON I/O EXIT	37	X'0000,0025'
Output host variable tracing	248	X'0000,00F8'
OSET ENTRY	15	X'0000,000F'
OUTPUT CCSID cntl block	336	X'0000,0150'
OUTPUT SQLDA/host variable ctrl blk	275	X'0000,0113'
Package detail switch	339	X'0000,0153'
Package/DBRM accounting overflow info	239	X'0000,00EF'
Page P-lock negotiation request	259	X'0000,0103'
Parallelism incremental rebind	360	X'0000,0168'
Parallelism straw model performance trace	363	X'0000,016B'
Partner COLD START detected	204	X'0000,00CC'
Pgset/ptn P-lock negotiation request	251	X'0000,00FB'
Profile messages detail	406	X'0000,0196'
Profile stats	402	X'0000,0192'
Profile table SET statements	387	X'0000,0183'
PAGESET AND PARTITION CASTOUT	263	X'0000,0107'
PARALLEL TASKS DETAIL RECORD	231	X'0000,00E7'
PATH	137	X'0000,0089'
POOL EXPAND/CONTRACE EXIT	101	X'0000,0065'
POOL EXPAND/CONTRACT ENTRY	100	X'0000,0064'
PREDICTIVE GOVERNOR SERVICEABILITY	323	X'0000,0143'
PREPARE ENTRY	84	X'0000,0054'
PREPARE EXIT	85	X'0000,0055'
PREPARED STATEMENT CACHE STATEMENT	317	X'0000,013D'
PREPARED STATEMENT CACHE STATS	316	X'0000,013C'
PREPARED STATEMENT CACHE SWITCH	318	X'0000,013E'
Reserved for SAO/DWA	403	X'0000,0193'
Routine Free Storage	278	X'0000,0116'
Routine Get Storage	277	X'0000,0115'
READ ENTRY	34	X'0000,0022'
READ BEGIN	6	X'0000,0006'
READ END	7	X'0000,0007'
READ EXIT	35	X'0000,0023'
READS AUTHIDS	234	X'0000,00EA'
RECORD A PIPE WAIT SUSPEND TIME	413	X'0000,019D'
RESERVED FOR SRV GENERATED RECORDS	123	X'0000,007B'
RESERVED INDEX LOGGING	130	X'0000,0082'
RESERVED 1	253	X'0000,00FD'
RESERVED 2	264	X'0000,0108'
RESUME	94	X'0000,005E'
RESUMPTION OF PIPE WAIT SUSPEND TIME	414	X'0000,019E'
RLF predictive gov for dynamic stmt	397	X'0000,018D'
RLF reactive gov for dynamic stmt	398	X'0000,018E'

RNXT ENTRY	17	X'0000,0011'
ROW PERMISSION OR COLUMN MASK DDL	271	X'0000,010F'
Serviceability IFI trace 1	347	X'0000,015B'
Serviceability IFI trace 2	348	X'0000,015C'
Serviceability IFI trace 3	349	X'0000,015D'
Serviceability TRACE for global vars	388	X'0000,0184'
Serviceability UDF caching	390	X'0000,0186'
Start archive tape unit deallocation wait	228	X'0000,00E4'
Start/Stop trace with auditpolicy	362	X'0000,016A'
Static stmt stats external	401	X'0000,0191'
Statistics feedback externalization	385	X'0000,0181'
Statistics feedback recommendation	384	X'0000,0180'
Storage Pool Detail	217	X'0000,00D9'
Storage Pool Summary	225	X'0000,00E1'
Stored Procedure Cache Table SPCT	246	X'0000,00F6'
Stored Procedure Paramater List STPL	245	X'0000,00F5'
Stored Procedure Parameter List STPL	244	X'0000,00F4'
Synchpoint communication failure	209	X'0000,00D1'
System Event Stalled Notification	335	X'0000,014F'
SCA ACCESS REQUEST BEGIN	265	X'0000,0109'
SCA ACCESS REQUEST END	266	X'0000,010A'
SERVICEABILITY IFCID.	368	X'0000,0170'
SERVICEABILITY TRACE 1	375	X'0000,0177'
SERVICEABILITY TRACE 2	377	X'0000,0179'
SERVICEABILITY TRACE 3	511	X'0000,01FF'
SET CURRENT DEGREE	237	X'0000,00ED'
SHARED LATCH RESUME	51	X'0000,0033'
SHARED LATCH SUSPEND ENTRY	52	X'0000,0034'
SHORT ON STORAGE OFF	103	X'0000,0067'
SHORT ON STORAGE ON	102	X'0000,0066'
SIGNON ENTRY	86	X'0000,0056'
SIGNON EXIT	87	X'0000,0057'
SMC STORAGE TRACE RECORD	176	X'0000,00B0'
SNA Compare States protocol error	206	X'0000,00CE'
SNA Synchpoint protocol error	208	X'0000,00D0'
SORT ENTRY	95	X'0000,005F'
SORT EXIT	96	X'0000,0060'
SORT NEW RUN	27	X'0000,001B'
SORT RUNS CREATED	28	X'0000,001C'
SORT WORK FILE	26	X'0000,001A'
SP detail record	380	X'0000,017C'
SP stmt execution detail	499	X'0000,01F3'
SP/UDF function data point	345	X'0000,0159'

SP/UDF function entry/exit point	344	X'0000,0158'
SQL AUTH/DDDL/LOCK	62	X'0000,003E'
SQL CALL COMPLETION	58	X'0000,003A'
SQL CALL TEXT	63	X'0000,003F'
SQL CLOSE CURSOR	66	X'0000,0042'
SQL DEL/INSERT/UPDATE	61	X'0000,003D'
SQL FETCH	59	X'0000,003B'
SQL OPEN CURSOR	65	X'0000,0041'
SQL PARSE	136	X'0000,0088'
SQL PL Flow	355	X'0000,0163'
SQL PL Variables	356	X'0000,0164'
SQL PREPARE	64	X'0000,0040'
SQL SELECT	60	X'0000,003C'
SQL SET CURRENT SQLID	55	X'0000,0037'
SQL STATEMENT ON READS	124	X'0000,007C'
SQL TEXT FOR AUDITED OBJECT	145	X'0000,0091'
SQLCODE trace	340	X'0000,0154'
SQLDA DISCREPANCY	195	X'0000,00C3'
SQLPL ASUTime track	399	X'0000,018F'
SRT1 ENTRY	16	X'0000,0010'
START DSNJW117 EXIT ROUTINE	178	X'0000,00B2'
START TRACE MESSAGE	4	X'0000,0004'
START/END CALL TO USER ROUTINE	233	X'0000,00E9'
STOP TRACE MESSAGE	5	X'0000,0005'
STORAGE ANALYSIS	338	X'0000,0152'
SUCCESSFUL ALLOCATION SYSTEM AGENTS	113	X'0000,0071'
SUCCESSFUL PACKAGE ALLOCATION	177	X'0000,00B1'
SUCCESSFUL PLAN ALLOCATION ALLIED	112	X'0000,0070'
SUSPEND	93	X'0000,005D'
SYNC ENTRY	88	X'0000,0058'
SYNC EXIT	89	X'0000,0059'
SYNCHRONOUS EU SWITCH	46	X'0000,002E'
SYSTEM STATISTICS	1	X'0000,0001'
TransCSO service	332	X'0000,014C'
Traverse CSO	333	X'0000,014D'
TERMINATE THREAD ENTRY	74	X'0000,004A'
TERMINATE THREAD EXIT	75	X'0000,004B'
THREAD LEVEL ENTRY INTO DB2	121	X'0000,0079'
THREAD LEVEL EXIT FROM DB2	122	X'0000,007A'
TIMEOUT DATA	196	X'0000,00C4'
TRIGGER BEGIN/END	325	X'0000,0145'
TRUSTED CONTEXT - Connection data	269	X'0000,010D'
TRUSTED CONTEXT - DDL info	270	X'0000,010E'

Used to control sync dumping	502	X'0000,01F6'
Used to control COUNTPAGES	501	X'0000,01F5'
Used to control DIRTY STORAGE	500	X'0000,01F4'
Used to control DISCARDPAGES	503	X'0000,01F7'
Utility dataset close record	220	X'0000,00DC'
Utility LISTDEF record	219	X'0000,00DB'
UDF detail record	381	X'0000,017D'
UDF stmt execution detail	498	X'0000,01F2'
UOW DISPOSITION/SQLCODE MISMATCH	193	X'0000,00C1'
USED BY UTILITIES	131	X'0000,0083'
UTILITY END	25	X'0000,0019'
UTILITY OBJECT CHANGE	24	X'0000,0018'
UTILITY START	23	X'0000,0017'
VALIDATION EXIT	11	X'0000,000B'
VTAM EXITS TO DB2	164	X'0000,00A4'
VTAM MACRO CALLS/RETURNS	165	X'0000,00A5'
WF/TD usage per Agent	342	X'0000,0156'
WORK FILE ALLOC/DELETE BLOCK	135	X'0000,0087'
WRITE ACTIVE ENTRY	38	X'0000,0026'
WRITE ACTIVE EXIT	39	X'0000,0027'
WRITE ARCHIVE ENTRY	40	X'0000,0028'
WRITE ARCHIVE EXIT	41	X'0000,0029'
WRITE BEGIN	8	X'0000,0008'
WRITE END	9	X'0000,0009'
XLN Protocol error	236	X'0000,00EC'
XML Storage Manager	367	X'0000,016F'
Z PARM INFORMATION	106	X'0000,006A'

SMF 101 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	101	SMF101_Prod_Standard

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 101 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	101	SMF101_Prod_Trace

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zAR

Field Name	SMF Record	Segment Name
zAR	102	SMF102_App_Prog

Display Text	Value	Hex Value
DFLT D15, MIN DIV SCALE 0	0	X'0000,0000'
DFLT D15, MIN DIV SCALE 1	8	X'0000,0008'
DFLT D15, MIN DIV SCALE 2	16	X'0000,0010'
DFLT D15, MIN DIV SCALE 3	24	X'0000,0018'
DFLT D15, MIN DIV SCALE 4	32	X'0000,0020'
DFLT D15, MIN DIV SCALE 5	40	X'0000,0028'
DFLT D15, MIN DIV SCALE 6	48	X'0000,0030'
DFLT D15, MIN DIV SCALE 7	56	X'0000,0038'
DFLT D15, MIN DIV SCALE 8	64	X'0000,0040'
DFLT D15, MIN DIV SCALE 9	72	X'0000,0048'
DFLT D31, MIN DIV SCALE 1	136	X'0000,0088'
DFLT D31, MIN DIV SCALE 2	144	X'0000,0090'
DFLT D31, MIN DIV SCALE 3	152	X'0000,0098'
DFLT D31, MIN DIV SCALE 4	160	X'0000,00A0'
DFLT D31, MIN DIV SCALE 5	168	X'0000,00A8'
DFLT D31, MIN DIV SCALE 6	176	X'0000,00B0'
DFLT D31, MIN DIV SCALE 7	184	X'0000,00B8'
DFLT D31, MIN DIV SCALE 8	192	X'0000,00C0'
DFLT D31, MIN DIV SCALE 9	200	X'0000,00C8'

SMF 102 ENUM: zDE

Field Name	SMF Record	Segment Name
zDE	102	SMF102_App_Prog

Display Text	Value	Hex Value
PERIOD	0	X'0000,0000'

SMF 102 ENUM: zDEL

Field Name	SMF Record	Segment Name
zDEL	102	SMF102_App_Prog

Display Text	Value	Hex Value
APOSTROPHE	0	X'0000,0000'
QUOTE	1	X'0000,0001'

SMF 102 ENUM: zDFT

Field Name	SMF Record	Segment Name
zDFT	102	SMF102_App_Prog

Display Text	Value	Hex Value
	1	X'0000,0001'
DEFAULT	0	X'0000,0000'

SMF 102 ENUM: zENSc

Field Name	SMF Record	Segment Name
zENSc	102	SMF102_App_Prog

Display Text	Value	Hex Value
ASCII	1	X'0000,0001'
EBCDIC	0	X'0000,0000'
UNICODE	3	X'0000,0003'
2	2	X'0000,0002'

SMF 102 ENUM: zGRA

Field Name	SMF Record	Segment Name
zGRA	102	SMF102_App_Prog

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 102 ENUM: zSDEL

Field Name	SMF Record	Segment Name
zSDEL	102	SMF102_App_Prog

Display Text	Value	Hex Value
APOSTROPHE	0	X'0000,0000'
QUOTE	1	X'0000,0001'

SMF 102 ENUM: zSDFT

Field Name	SMF Record	Segment Name
zSDFT	102	SMF102_App_Prog

Display Text	Value	Hex Value
	1	X'0000,0001'
DEFAULT	0	X'0000,0000'

SMF 102 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	102	SMF102_Prod_CPU

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zATYPText

Field Name	SMF Record	Segment Name
zATYPText	102	SMF102_Prod_Correlation

Display Text	Value	Hex Value
CICS ATTACH	4	X'0000,0004'
DB2 CALL ATTACH	2	X'0000,0002'
DB2 PRIVATE PROTOCOL	7	X'0000,0007'
DB2 UTILITIES	11	X'0000,000B'
DL/I BATCH	3	X'0000,0003'
DRDA PROTOCOL	8	X'0000,0008'
IMS ATTACH BMP	5	X'0000,0005'
IMS ATTACH MPP	6	X'0000,0006'
IMS CONTROL REGION	9	X'0000,0009'
IMS TRANSACTION BMP	10	X'0000,000A'
RRSAF ATTACH	12	X'0000,000C'
TSO FOREGROUND AND BACKGROUND	1	X'0000,0001'

SMF 102 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	102	SMF102_Prod_Correlation

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	102	SMF102_Prod_Data_Sharing

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	102	SMF102_Prod_Distributed

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zIFCIDText

Field Name	SMF Record	Segment Name
zIFCIDText	102	SMF102_Prod_Standard

Display Text	Value	Hex Value
Accounting - nesting	200	X'0000,00C8'
Accounting class 5 flag	187	X'0000,00BB'
Accounting class 7 IFCID	240	X'0000,00F0'
Accounting class 8 IFCID	241	X'0000,00F1'
Activate 5FAC diagnostic logrec	189	X'0000,00BD'
Active Package Detail.	346	X'0000,015A'
Address space create/term trace	364	X'0000,016C'
Advanced Triggers	372	X'0000,0174'
Aggregated Accounting Statistics	369	X'0000,0171'
Asynch IXLCACHE/IXLFCOMP requests	329	X'0000,0149'
Audit administrative authorities	361	X'0000,0169'
Auth cache serviceability trace	374	X'0000,0176'
Auth serviceability trace 1	404	X'0000,0194'
Auth serviceability trace 2	410	X'0000,019A'
Auth ENF signal serviceability trace	386	X'0000,0182'
AuthLE entry/exit trace	353	X'0000,0161'
AuthLE token get/free	354	X'0000,0162'
ABORT ENTRY	68	X'0000,0044'
ABORT EXIT	69	X'0000,0045'
ACCESS CONTROL AUTH EXIT PARAMETERS	314	X'0000,013A'
ACCOUNTING	3	X'0000,0003'
ACCOUNTING CLASS 2 IFCID	232	X'0000,00E8'
ACCOUNTING COLLECTION BEGINNING	67	X'0000,0043'
ACTIVE LOG SHORTAGE SITUATION	330	X'0000,014A'
ACTIVE THREAD DETAIL	148	X'0000,0094'
ACTIVE THREAD SNAPSHOT	147	X'0000,0093'
AFTER EXECUTION UNIT SWITCH	33	X'0000,0021'
AGENT SERVICEABILITY TRACE	376	X'0000,0178'
ALL LOCK FOR A USER	150	X'0000,0096'
ALL LOCK HOLDERS OF A RESOURCE	149	X'0000,0095'
ALLOCATE CURSOR statement info	273	X'0000,0111'
ALTER BUFFER POOL COMMAND	201	X'0000,00C9'
ALTER GROUPBUFFERPOOL command	256	X'0000,0100'
AMS ENTRY	92	X'0000,005C'
AMS EXIT	97	X'0000,0061'
APREUSE failure serviceability	405	X'0000,0195'
ASSIGNED 1	279	X'0000,0117'
ASSIGNED 2	315	X'0000,013B'

ASSOCIATE LOCATORS statement info	272	X'0000,0110'
ASYNCHRONOUS WRITE BEGIN	10	X'0000,000A'
AUTHORIZATION FAILURES	140	X'0000,008C'
Begin force-at-commit	321	X'0000,0141'
Begin index I/O parallel update	357	X'0000,0165'
Begin wait for a drain lock	213	X'0000,00D5'
Begin wait for claim count to go to zero	215	X'0000,00D7'
Begin TCP/IP LOB materialization	351	X'0000,015F'
Begin Wait due to page latch contention	226	X'0000,00E2'
Block fetch statistics	391	X'0000,0187'
Buffer refresh due to cross-invalidation	255	X'0000,00FF'
BACKING CACHE STRUCTURE STATS	254	X'0000,00FE'
BEFORE EXECUTION UNIT SWITCH	32	X'0000,0020'
BEG BSDS WRITE	119	X'0000,0077'
BEGIN ARC LOG MODE(QUIESCE) WAIT	174	X'0000,00AE'
BEGIN READ ARCHIVE	117	X'0000,0075'
BEGIN READ I/O ARCHIVE	114	X'0000,0072'
BEGIN WAIT FOR A STORED PROCEDURE	242	X'0000,00F2'
BEGIN WAIT FOR EU SWITCH	170	X'0000,00AA'
BEGIN WAIT FOR I/O BY ANOTHER AGENT	127	X'0000,007F'
BEGINNING OF XES REQUEST	252	X'0000,00FC'
BIND/REBIND BEGINNING	108	X'0000,006C'
BIND/REBIND END	109	X'0000,006D'
BUFFER LOG WRITES..READA	126	X'0000,007E'
BUFFER LOG WRITES..READS	129	X'0000,0081'
BUFFER MANAGER OPEN/CLOSE	107	X'0000,006B'
BUFFER MGR DATASET LSTATS TRACE	199	X'0000,00C7'
BUFFER MGR GETPAGE/SETWRITE TRACE	198	X'0000,00C6'
BUFFER SENT/RECEIVED	166	X'0000,00A6'
BUILT IN FUNCTION SERVICE TRACE	328	X'0000,0148'
Collect static stmt stats	400	X'0000,0190'
Commit_LSN detail record	223	X'0000,00DF'
Commit_LSN summary record	218	X'0000,00DA'
Conditional restart data loss	235	X'0000,00EB'
Connect/Disconnect of a group buffer pool	250	X'0000,00FA'
CDC PERFORMANCE RECORD	188	X'0000,00BC'
CF REBUILD END EVENT	268	X'0000,010C'
CF REBUILD START EVENT	267	X'0000,010B'
CHANGED DATA CAPTURE	185	X'0000,00B9'
CHECK CONSTRAINT	305	X'0000,0131'
CHECKPOINT ENTRY	42	X'0000,002A'
CHECKPOINT EXIT	43	X'0000,002B'
COMMAND ENTRY	90	X'0000,005A'

COMMAND EXIT	91	X'0000,005B'
COMMIT ENTRY	70	X'0000,0046'
COMMIT EXIT	71	X'0000,0047'
CONVERSATION ALLOCATION REQUEST	167	X'0000,00A7'
CREATE THREAD ENTRY	72	X'0000,0048'
CREATE THREAD EXIT	73	X'0000,0049'
CREATES, ALTERS, AND DROPS	142	X'0000,008E'
Data sharing global statistics	230	X'0000,00E6'
Data Manager Select Procedure bypass trace	224	X'0000,00E0'
Degree of parallelism of a parallel group	221	X'0000,00DD'
Drain/Release Claim request information	212	X'0000,00D4'
DATA BASE STATISTICS	2	X'0000,0002'
DATA SET CLOSE	371	X'0000,0173'
DATA SET OPEN	370	X'0000,0172'
DBET Changes	132	X'0000,0084'
DBID/OBID MAPPING	105	X'0000,0069'
DB2 ERROR MESSAGES	197	X'0000,00C5'
DC COMMUNICATION BUFFERS	184	X'0000,00B8'
DC REQUESTING AGENT DATA	160	X'0000,00A0'
DC RESPONDING AGENT DATA	161	X'0000,00A1'
DCE AUTHORIZATION (obsolete)	312	X'0000,0138'
DDF stats record	365	X'0000,016D'
DDM LEVEL 6A HEADER ERRORS	192	X'0000,00C0'
DDM LEVEL 6B OBJECTS 1	181	X'0000,00B5'
DDM LEVEL 6B OBJECTS 2	182	X'0000,00B6'
DDM LEVEL 6B OBJECTS 3	191	X'0000,00BF'
DEADLOCK DATA	172	X'0000,00AC'
DEBUG MESSAGES	320	X'0000,0140'
DECODE EXIT	19	X'0000,0013'
DECP and ZPARM settings	373	X'0000,0175'
DEFAULT - NORMAL TRACE RECORDS	0	X'0000,0000'
DISTRIBUTED AUTHID TRANSLATION	169	X'0000,00A9'
DISTRIBUTED SQL STATEMENT	168	X'0000,00A8'
DRDA Exceptions for scrollable cur	334	X'0000,014E'
DRDA EXCEPTION	299	X'0000,012B'
DRDS CONVERSATION MGR INTERACTIONS	159	X'0000,009F'
DRDS RDS/SCC INTERFACE DATA	183	X'0000,00B7'
DRDS REQUESTING SITE DATA	157	X'0000,009D'
DRDS RESPONDING SITE DATA	158	X'0000,009E'
DSS COMMUNICATION BUFFERS	180	X'0000,00B4'
DTM REQUESTING AGENT DATA	162	X'0000,00A2'
DTM RESPONDING AGENT DATA	163	X'0000,00A3'
DYNAMIC SQL EXCEEDS ASUTIME	173	X'0000,00AD'

DYNAMIC ZPARAM INFORMATION	202	X'0000,00CA'
End archive deallocation wait	229	X'0000,00E5'
End force-at-commit	322	X'0000,0142'
End index I/O parallel update	358	X'0000,0166'
End wait for a drain lock	214	X'0000,00D6'
End wait for claim count to go to zero	216	X'0000,00D8'
End TCP/IP LOB materialization	352	X'0000,0160'
End Wait due to page latch contention	227	X'0000,00E3'
Error detected during DB2 restart	238	X'0000,00EE'
EDM service 1	133	X'0000,0085'
EDM service 2	134	X'0000,0086'
EDM service 3	138	X'0000,008A'
EDM service 4	139	X'0000,008B'
EDM I/O END	30	X'0000,001E'
EDM I/O START	29	X'0000,001D'
EDM POOL INVALIDATE DBD	249	X'0000,00F9'
EDM POOL NOT LARGE ENOUGH	31	X'0000,001F'
ENCODE EXIT	12	X'0000,000C'
END ARC LOG MODE(QUIESCE) WAIT	175	X'0000,00AF'
END BSDS WRITE	120	X'0000,0078'
END DESCRIBE	53	X'0000,0035'
END DSNJW117 EXIT ROUTINE	179	X'0000,00B3'
END OF MEMORY ENTRY	76	X'0000,004C'
END OF MEMORY EXIT	77	X'0000,004D'
END OF TASK ENTRY	78	X'0000,004E'
END OF TASK EXIT	79	X'0000,004F'
END OF XES REQUEST	260	X'0000,0104'
END READ ARCHIVE	118	X'0000,0076'
END READ I/O ARCHIVE DASD	115	X'0000,0073'
END READ I/O ARCHIVE TAPE	116	X'0000,0074'
END WAIT FOR A STORED PROCEDURE	243	X'0000,00F3'
END WAIT FOR EU SWITCH	171	X'0000,00AB'
END WAIT FOR I/O BY ANOTHER AGENT	128	X'0000,0080'
ENTIRE SQL STATEMENT TEXT	350	X'0000,015E'
ERROR SIMULATION 001	280	X'0000,0118'
ERROR SIMULATION 002	281	X'0000,0119'
ERROR SIMULATION 003	282	X'0000,011A'
ERROR SIMULATION 004	283	X'0000,011B'
ERROR SIMULATION 005	284	X'0000,011C'
ERROR SIMULATION 006	285	X'0000,011D'
ERROR SIMULATION 007	286	X'0000,011E'
ERROR SIMULATION 008	287	X'0000,011F'
ERROR SIMULATION 009	288	X'0000,0120'

ERROR SIMULATION 010	289	X'0000,0121'
ERROR SIMULATION 011	290	X'0000,0122'
ERROR SIMULATION 012	291	X'0000,0123'
ERROR SIMULATION 013	292	X'0000,0124'
ERROR SIMULATION 014	293	X'0000,0125'
ERROR SIMULATION 015	294	X'0000,0126'
ERROR SIMULATION 016	295	X'0000,0127'
ERROR SIMULATION 017	296	X'0000,0128'
ERROR SIMULATION 018	297	X'0000,0129'
ERROR SIMULATION 019	298	X'0000,012A'
ERROR SIMULATION 020	300	X'0000,012C'
ERROR SIMULATION 021	301	X'0000,012D'
ERROR SIMULATION 022	302	X'0000,012E'
ERROR SIMULATION 023	303	X'0000,012F'
ERROR SIMULATION 024	304	X'0000,0130'
ERROR SIMULATION 025	307	X'0000,0133'
ERROR SIMULATION 026	308	X'0000,0134'
ERROR SIMULATION 027	309	X'0000,0135'
ERROR SIMULATION 028	310	X'0000,0136'
ESTABLISH EXITS ENTRY	80	X'0000,0050'
ESTABLISH EXITS EXIT	81	X'0000,0051'
EU Switch Dump Trigger-internal only	326	X'0000,0146'
EU SWITCH SRB ENTRY	47	X'0000,002F'
EU SWITCH SRB EXIT	48	X'0000,0030'
EU SWITCH TCB ENTRY	49	X'0000,0031'
EU SWITCH TCB EXIT	50	X'0000,0032'
EXCLUSIVE LATCH RESUME	57	X'0000,0039'
EXCLUSIVE LATCH SUSPEND	56	X'0000,0038'
EXIT FROM OSET, SRT1, OR RNXT	18	X'0000,0012'
EXPLICIT GRANTS AND REVOKES	141	X'0000,008D'
FIRST ACCESS (READ) AUDITED OBJECT	144	X'0000,0090'
FIRST CHANGE (WRITE) AUDIT OBJECT	143	X'0000,008F'
FREE BEGINNING	110	X'0000,006E'
FREE END	111	X'0000,006F'
FUNCTION RESOLUTION TRACE	324	X'0000,0144'
GBP CHECKPOINT	261	X'0000,0105'
GBPOOLT CASTOUT THRESHOLD	262	X'0000,0106'
GETMAIN/FREEMAIN ENTRY	98	X'0000,0062'
GETMAIN/FREEMAIN EXIT	99	X'0000,0063'
GLOBAL TEMPORARY TABLES	311	X'0000,0137'
Heuristic damage during SNA Comp State exch	207	X'0000,00CF'
Heuristic Decision	203	X'0000,00CB'
HSET ENTRY	13	X'0000,000D'

HSET EXIT	14	X'0000,000E'
HYBRID JOIN OVERFLOWS	190	X'0000,00BE'
Incorrect LOGNAME/Syncpt parm on warm start	205	X'0000,00CD'
Incremental bind for special reg.	341	X'0000,0155'
Index tree split trace	359	X'0000,0167'
Index FTB create/free	477	X'0000,01DD'
Index Manager memory management(FTB)	389	X'0000,0185'
Input host variable tracing	247	X'0000,00F7'
IDENTIFY ENTRY	82	X'0000,0052'
IDENTIFY EXIT	83	X'0000,0053'
INPUT SQLDA/host variable ctrl blk	274	X'0000,0112'
INPUT SQLDA/transition variable	276	X'0000,0114'
INSTALLATION ACCOUNTING INFORMATION	151	X'0000,0097'
INSTALLATION AUDIT RECORD	146	X'0000,0092'
INSTALLATION MONITORING	155	X'0000,009B'
INSTALLATION PERFORMANCE	154	X'0000,009A'
INSTALLATION PERFORMANCE EXCEPTION	153	X'0000,0099'
INSTALLATION SERVICEABILITY	156	X'0000,009C'
INSTALLATION STATISTICS	152	X'0000,0098'
INVALID SNA FMH-5 RECEIVED	194	X'0000,00C2'
IRLM Notify request detail	257	X'0000,0101'
IRLM SUSPEND ENTRY	44	X'0000,002C'
IRLM SUSPEND EXIT	45	X'0000,002D'
Locator service	331	X'0000,014B'
Lock Escalation Occurences	337	X'0000,0151'
LE RUNTIME DIAGNOSIS	327	X'0000,0147'
LOCK CONTENTION INFORMATION	54	X'0000,0036'
LOCK DETAIL	21	X'0000,0015'
LOCK SUMMARY	20	X'0000,0014'
LOG DATA SET MAPPING	104	X'0000,0068'
LOG RECORDS via IFI READS	306	X'0000,0132'
LOGNAME changed on WARM START	210	X'0000,00D2'
LONG RUNNING UR'S AT CHKPT	313	X'0000,0139'
Make/Release/Change Claim request info	211	X'0000,00D3'
Max temp space per agent exceeded	343	X'0000,0157'
Monitoring extend and space growth	258	X'0000,0102'
MEPL TRACE	186	X'0000,00BA'
MINI PLANS OPTIMIZER	22	X'0000,0016'
MULTIPLE INDEX ACCESS PATH SELECTION	125	X'0000,007D'
Non RACF identity mapping	319	X'0000,013F'
Non SP/UDF stmt execution detail	497	X'0000,01F1'
Num rows processed by a parallel group	222	X'0000,00DE'
NON I/O BEGIN	36	X'0000,0024'

NON I/O EXIT	37	X'0000,0025'
Output host variable tracing	248	X'0000,00F8'
OSET ENTRY	15	X'0000,000F'
OUTPUT CCSID cntl block	336	X'0000,0150'
OUTPUT SQLDA/host variable ctrl blk	275	X'0000,0113'
Package detail switch	339	X'0000,0153'
Package/DBRM accounting overflow info	239	X'0000,00EF'
Page P-lock negotiation request	259	X'0000,0103'
Parallelism incremental rebind	360	X'0000,0168'
Parallelism straw model performance trace	363	X'0000,016B'
Partner COLD START detected	204	X'0000,00CC'
Pgset/ptn P-lock negotiation request	251	X'0000,00FB'
Profile messages detail	406	X'0000,0196'
Profile stats	402	X'0000,0192'
Profile table SET statements	387	X'0000,0183'
PAGESET AND PARTITION CASTOUT	263	X'0000,0107'
PARALLEL TASKS DETAIL RECORD	231	X'0000,00E7'
PATH	137	X'0000,0089'
POOL EXPAND/CONTRACE EXIT	101	X'0000,0065'
POOL EXPAND/CONTRACT ENTRY	100	X'0000,0064'
PREDICTIVE GOVERNOR SERVICEABILITY	323	X'0000,0143'
PREPARE ENTRY	84	X'0000,0054'
PREPARE EXIT	85	X'0000,0055'
PREPARED STATEMENT CACHE STATEMENT	317	X'0000,013D'
PREPARED STATEMENT CACHE STATS	316	X'0000,013C'
PREPARED STATEMENT CACHE SWITCH	318	X'0000,013E'
Reserved for SAO/DWA	403	X'0000,0193'
Routine Free Storage	278	X'0000,0116'
Routine Get Storage	277	X'0000,0115'
READ ENTRY	34	X'0000,0022'
READ BEGIN	6	X'0000,0006'
READ END	7	X'0000,0007'
READ EXIT	35	X'0000,0023'
READS AUTHIDS	234	X'0000,00EA'
RECORD A PIPE WAIT SUSPEND TIME	413	X'0000,019D'
RESERVED FOR SRV GENERATED RECORDS	123	X'0000,007B'
RESERVED INDEX LOGGING	130	X'0000,0082'
RESERVED 1	253	X'0000,00FD'
RESERVED 2	264	X'0000,0108'
RESUME	94	X'0000,005E'
RESUMPTION OF PIPE WAIT SUSPEND TIME	414	X'0000,019E'
RLF predictive gov for dynamic stmt	397	X'0000,018D'
RLF reactive gov for dynamic stmt	398	X'0000,018E'

RNXT ENTRY	17	X'0000,0011'
ROW PERMISSION OR COLUMN MASK DDL	271	X'0000,010F'
Serviceability IFI trace 1	347	X'0000,015B'
Serviceability IFI trace 2	348	X'0000,015C'
Serviceability IFI trace 3	349	X'0000,015D'
Serviceability TRACE for global vars	388	X'0000,0184'
Serviceability UDF caching	390	X'0000,0186'
Start archive tape unit deallocation wait	228	X'0000,00E4'
Start/Stop trace with auditpolicy	362	X'0000,016A'
Static stmt stats external	401	X'0000,0191'
Statistics feedback externalization	385	X'0000,0181'
Statistics feedback recommendation	384	X'0000,0180'
Storage Pool Detail	217	X'0000,00D9'
Storage Pool Summary	225	X'0000,00E1'
Stored Procedure Cache Table SPCT	246	X'0000,00F6'
Stored Procedure Paramater List STPL	245	X'0000,00F5'
Stored Procedure Parameter List STPL	244	X'0000,00F4'
Synchpoint communication failure	209	X'0000,00D1'
System Event Stalled Notification	335	X'0000,014F'
SCA ACCESS REQUEST BEGIN	265	X'0000,0109'
SCA ACCESS REQUEST END	266	X'0000,010A'
SERVICEABILITY IFCID.	368	X'0000,0170'
SERVICEABILITY TRACE 1	375	X'0000,0177'
SERVICEABILITY TRACE 2	377	X'0000,0179'
SERVICEABILITY TRACE 3	511	X'0000,01FF'
SET CURRENT DEGREE	237	X'0000,00ED'
SHARED LATCH RESUME	51	X'0000,0033'
SHARED LATCH SUSPEND ENTRY	52	X'0000,0034'
SHORT ON STORAGE OFF	103	X'0000,0067'
SHORT ON STORAGE ON	102	X'0000,0066'
SIGNON ENTRY	86	X'0000,0056'
SIGNON EXIT	87	X'0000,0057'
SMC STORAGE TRACE RECORD	176	X'0000,00B0'
SNA Compare States protocol error	206	X'0000,00CE'
SNA Synchpoint protocol error	208	X'0000,00D0'
SORT ENTRY	95	X'0000,005F'
SORT EXIT	96	X'0000,0060'
SORT NEW RUN	27	X'0000,001B'
SORT RUNS CREATED	28	X'0000,001C'
SORT WORK FILE	26	X'0000,001A'
SP detail record	380	X'0000,017C'
SP stmt execution detail	499	X'0000,01F3'
SP/UDF function data point	345	X'0000,0159'

SP/UDF function entry/exit point	344	X'0000,0158'
SQL AUTH/DDDL/LOCK	62	X'0000,003E'
SQL CALL COMPLETION	58	X'0000,003A'
SQL CALL TEXT	63	X'0000,003F'
SQL CLOSE CURSOR	66	X'0000,0042'
SQL DEL/INSERT/UPDATE	61	X'0000,003D'
SQL FETCH	59	X'0000,003B'
SQL OPEN CURSOR	65	X'0000,0041'
SQL PARSE	136	X'0000,0088'
SQL PL Flow	355	X'0000,0163'
SQL PL Variables	356	X'0000,0164'
SQL PREPARE	64	X'0000,0040'
SQL SELECT	60	X'0000,003C'
SQL SET CURRENT SQLID	55	X'0000,0037'
SQL STATEMENT ON READS	124	X'0000,007C'
SQL TEXT FOR AUDITED OBJECT	145	X'0000,0091'
SQLCODE trace	340	X'0000,0154'
SQLDA DISCREPANCY	195	X'0000,00C3'
SQLPL ASUTime track	399	X'0000,018F'
SRT1 ENTRY	16	X'0000,0010'
START DSNJW117 EXIT ROUTINE	178	X'0000,00B2'
START TRACE MESSAGE	4	X'0000,0004'
START/END CALL TO USER ROUTINE	233	X'0000,00E9'
STOP TRACE MESSAGE	5	X'0000,0005'
STORAGE ANALYSIS	338	X'0000,0152'
SUCCESSFUL ALLOCATION SYSTEM AGENTS	113	X'0000,0071'
SUCCESSFUL PACKAGE ALLOCATION	177	X'0000,00B1'
SUCCESSFUL PLAN ALLOCATION ALLIED	112	X'0000,0070'
SUSPEND	93	X'0000,005D'
SYNC ENTRY	88	X'0000,0058'
SYNC EXIT	89	X'0000,0059'
SYNCHRONOUS EU SWITCH	46	X'0000,002E'
SYSTEM STATISTICS	1	X'0000,0001'
TransCSO service	332	X'0000,014C'
Traverse CSO	333	X'0000,014D'
TERMINATE THREAD ENTRY	74	X'0000,004A'
TERMINATE THREAD EXIT	75	X'0000,004B'
THREAD LEVEL ENTRY INTO DB2	121	X'0000,0079'
THREAD LEVEL EXIT FROM DB2	122	X'0000,007A'
TIMEOUT DATA	196	X'0000,00C4'
TRIGGER BEGIN/END	325	X'0000,0145'
TRUSTED CONTEXT - Connection data	269	X'0000,010D'
TRUSTED CONTEXT - DDL info	270	X'0000,010E'

Used to control sync dumping	502	X'0000,01F6'
Used to control COUNTPAGES	501	X'0000,01F5'
Used to control DIRTY STORAGE	500	X'0000,01F4'
Used to control DISCARDPAGES	503	X'0000,01F7'
Utility dataset close record	220	X'0000,00DC'
Utility LISTDEF record	219	X'0000,00DB'
UDF detail record	381	X'0000,017D'
UDF stmt execution detail	498	X'0000,01F2'
UOW DISPOSITION/SQLCODE MISMATCH	193	X'0000,00C1'
USED BY UTILITIES	131	X'0000,0083'
UTILITY END	25	X'0000,0019'
UTILITY OBJECT CHANGE	24	X'0000,0018'
UTILITY START	23	X'0000,0017'
VALIDATION EXIT	11	X'0000,000B'
VTAM EXITS TO DB2	164	X'0000,00A4'
VTAM MACRO CALLS/RETURNS	165	X'0000,00A5'
WF/TD usage per Agent	342	X'0000,0156'
WORK FILE ALLOC/DELETE BLOCK	135	X'0000,0087'
WRITE ACTIVE ENTRY	38	X'0000,0026'
WRITE ACTIVE EXIT	39	X'0000,0027'
WRITE ARCHIVE ENTRY	40	X'0000,0028'
WRITE ARCHIVE EXIT	41	X'0000,0029'
WRITE BEGIN	8	X'0000,0008'
WRITE END	9	X'0000,0009'
XLN Protocol error	236	X'0000,00EC'
XML Storage Manager	367	X'0000,016F'
Z PARM INFORMATION	106	X'0000,006A'

SMF 102 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	102	SMF102_Prod_Standard

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zTYPTText

Field Name	SMF Record	Segment Name
zTYPTText	102	SMF102_Prod_Trace

Display Text	Value	Hex Value
CORRELATION	2	X'0000,0002'
CPU	8	X'0000,0008'
DATA SHARING	32	X'0000,0020'
DISTRIBUTED	16	X'0000,0010'
STANDARD	1	X'0000,0001'
TRACE	4	X'0000,0004'

SMF 102 ENUM: zCQAC

Field Name	SMF Record	Segment Name
zCQAC	102	SMF102_SPRM

Display Text	Value	Hex Value
ALL	16384	X'0000,4000'
ELIGIBLE	32768	X'0000,8000'
ENABLE	16	X'0000,0010'
ENABLE WITH FAILBACK	17	X'0000,0011'
NONE	0	X'0000,0000'

SMF 102 ENUM: zQACO

Field Name	SMF Record	Segment Name
zQACO	102	SMF102_SPRM

Display Text	Value	Hex Value
ALLOW OFFLOAD OF INSERT FROM SELECT STATEMENTS.	2	X'0000,0002'
ALLOW OFFLOAD OF QUERIES THAT INCLUDE MULTI-BYTE EBCDIC CHARS.	1	X'0000,0001'
ALLOW OFFLOAD OF QUERIES THAT REF TIMESTAMP COLS WITH PREC <= 12.	32	X'0000,0020'
ALLOW OFFLOAD OF SYSTEM_TIME TEMPORAL QUERIES.	16	X'0000,0010'
OFFLOAD ONLY STD QUERIES. ZPARAM: QUERY_ACCEL_OPTIONS IN DSN6SPRM.	0	X'0000,0000'
OFFLOAD USES DD/MM/YYYY DATE FORMAT.	8	X'0000,0008'
OFFLOAD USES YYYYMMDD DATE FORMAT.	64	X'0000,0040'
OPERATE ON INDIV BYTES IF INP STRING ENCD IN MULTI-BYTE CHAR SCH.	4	X'0000,0004'
X'40000000' (S)	1073741824	X'4000,0000'
X'80000000' (S)	-2147483648	X'8000,0000'

SMF 104 ENUM: zPLT

Field Name	SMF Record	Segment Name
zPLT	104	SMF104_Product_Information

Display Text	Value	Hex Value
xLinux	1	X'0000,0001'
zLinux	2	X'0000,0002'
AIX	0	X'0000,0000'

SMF 106 ENUM: zCTP

Field Name	SMF Record	Segment Name
zCTP	106	SMF106_Execution_Environment

Display Text	Value	Hex Value
CapRec	3	X'0000,0003'
GroupProf	8	X'0000,0008'
Image	2	X'0000,0002'
ImageProf	5	X'0000,0005'
LoadProf	6	X'0000,0006'
LPARCap	9	X'0000,0009'
ResetProf	4	X'0000,0004'
Target	1	X'0000,0001'
User	7	X'0000,0007'

SMF 108-3 ENUM: zDBCACHE

Field Name	SMF Record	Segment Name
zDBCACHE	108 (subtype 3)	SMF108#03_Monitoring_and_Tuning

Display Text	Value	Hex Value
Disabled	0	X'0000,0000'
Enabled	1	X'0000,0001'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_FEPI

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-0 ENUM: zFLJBType

Field Name	SMF Record	Segment Name
zFLJBType	110 (subtype 0)	SMF110#00_FLJB_File_Close

Display Text	Value	Hex Value
File-Close	142	X'0000,008E'
File-TieUp	143	X'0000,008F'
Read-only	128	X'0000,0080'
Read-Upd	129	X'0000,0081'
Write-Add	131	X'0000,0083'
Write-AddC	132	X'0000,0084'
Write-Del	134	X'0000,0086'
Write-Upd	130	X'0000,0082'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_FLJB_File_Close

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-0 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	110 (subtype 0)	SMF110#00_FLJB_File_TieUp_Record

Display Text	Value	Hex Value
ESDS	197	X'0000,00C5'
KSDS	210	X'0000,00D2'
Path	215	X'0000,00D7'
RRDS	217	X'0000,00D9'
VRRDS	229	X'0000,00E5'
XESDS	231	X'0000,00E7'

SMF 110-0 ENUM: zFLJBType

Field Name	SMF Record	Segment Name
zFLJBType	110 (subtype 0)	SMF110#00_FLJB_File_TieUp_Record

Display Text	Value	Hex Value
File-Close	142	X'0000,008E'
File-TieUp	143	X'0000,008F'
Read-only	128	X'0000,0080'
Read-Upd	129	X'0000,0081'
Write-Add	131	X'0000,0083'
Write-AddC	132	X'0000,0084'
Write-Del	134	X'0000,0086'
Write-Upd	130	X'0000,0082'

SMF 110-0 ENUM: zRECFM

Field Name	SMF Record	Segment Name
zRECFM	110 (subtype 0)	SMF110#00_FLJB_File_TieUp_Record

Display Text	Value	Hex Value
Fixed	198	X'0000,00C6'
Variable	229	X'0000,00E5'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_FLJB_File_TieUp_Record

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-0 ENUM: zFLJBType

Field Name	SMF Record	Segment Name
zFLJBType	110 (subtype 0)	SMF110#00_FLJB_RW

Display Text	Value	Hex Value
File-Close	142	X'0000,008E'
File-TieUp	143	X'0000,008F'
Read-only	128	X'0000,0080'
Read-Upd	129	X'0000,0081'
Write-Add	131	X'0000,0083'
Write-AddC	132	X'0000,0084'
Write-Del	134	X'0000,0086'
Write-Upd	130	X'0000,0082'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_FLJB_RW

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-0 ENUM: zFLJBType

Field Name	SMF Record	Segment Name
zFLJBType	110 (subtype 0)	SMF110#00_FLJB_WriteDelete

Display Text	Value	Hex Value
File-Close	142	X'0000,008E'
File-TieUp	143	X'0000,008F'
Read-only	128	X'0000,0080'
Read-Upd	129	X'0000,0081'
Write-Add	131	X'0000,0083'
Write-AddC	132	X'0000,0084'
Write-Del	134	X'0000,0086'
Write-Upd	130	X'0000,0082'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_FLJB_WriteDelete

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_Journal_Control

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_Start_of_Run

Display Text	Value	Hex Value
Start	1	X'0000,0001'

SMF 110-0 ENUM: zType

Field Name	SMF Record	Segment Name
zType	110 (subtype 0)	SMF110#00_Term_Control

Display Text	Value	Hex Value
NonStart	2	X'0000,0002'

SMF 110-1 ENUM: zMNTYP

Field Name	SMF Record	Segment Name
zMNTYP	110 (subtype 1)	SMF110#01_Exception_Class

Display Text	Value	Hex Value
BUFFER_WAIT	2	X'0000,0002'
POLICY	4	X'0000,0004'
STRING_WAIT	3	X'0000,0003'
WAIT	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Exception_Class

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Exception_Class

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Exception_Class

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Identity_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCO3

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PGR1

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR1

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCR2

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Performance_Class_ADP1_PCT1

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zCL

Field Name	SMF Record	Segment Name
zCL	110 (subtype 1)	SMF110#01_Product_Section

Display Text	Value	Hex Value
Dictionary	1	X'0000,0001'
Exception	4	X'0000,0004'
Identity	6	X'0000,0006'
Performance	3	X'0000,0003'
TransResource	5	X'0000,0005'

SMF 110-1 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-1 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CommServ	1	X'0000,0001'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-1 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-1 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'

Teletype	34	X'0000,0022'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-1 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-1 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-1 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 1)	SMF110#01_Transaction_Resource_Class_ID

Display Text	Value	Hex Value
	0	X'0000,0000'
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_ASYNCSERVICE_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'

FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'

TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zATOMSERV_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zATOMSERV_CHANGE_AGENT	110 (subtype 2)	SMF110#02_ATOMSERVICE_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zATOMSERV_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zATOMSERV_INSTALL_AGENT	110 (subtype 2)	SMF110#02_ATOMSERVICE_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zATOMSERV_RESTYPE

Field Name	SMF Record	Segment Name
zATOMSERV_RESTYPE	110 (subtype 2)	SMF110#02_ATOMSERVICE_Resource

Display Text	Value	Hex Value
FILE	1	X'0000,0001'
NOTAPPLIC	4	X'0000,0004'
PROGRAM	2	X'0000,0002'
TSQUEUE	3	X'0000,0003'

SMF 110-2 ENUM: zATOMSERV_TYPE

Field Name	SMF Record	Segment Name
zATOMSERV_TYPE	110 (subtype 2)	SMF110#02_ATOMSERVICE_Resource

Display Text	Value	Hex Value
CATEGORY	1	X'0000,0001'
COLLECTION	2	X'0000,0002'
FEED	3	X'0000,0003'
SERVICE	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_ATOMSERVICE_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zBUNDLE_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zBUNDLE_CHANGE_AGENT	110 (subtype 2)	SMF110#02_BUNDLEs_Resource

Display Text	Value	Hex Value
	0	X'0000,0000'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREPAPI	3	X'0000,0003'

SMF 110-2 ENUM: zBUNDLE_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zBUNDLE_INSTALL_AGENT	110 (subtype 2)	SMF110#02_BUNDLEs_Resource

Display Text	Value	Hex Value
	0	X'0000,0000'
CLOUD	11	X'0000,000B'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_BUNDLEs_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zCAPTURE_POINT_TYPE

Field Name	SMF Record	Segment Name
zCAPTURE_POINT_TYPE	110 (subtype 2)	SMF110#02_CAPTURESPECs_Resource

Display Text	Value	Hex Value
POSTCOMMAND	2	X'0000,0002'
PRECOMMAND	1	X'0000,0001'
PROGRAMINIT	3	X'0000,0003'
SYSTEM	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_CAPTURESPECs_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'

FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'

TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zDB2CONN_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zDB2CONN_CHANGE_AGENT	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREPAPI	3	X'0000,0003'

SMF 110-2 ENUM: zDB2CONN_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zDB2CONN_INSTALL_AGENT	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zPOOL_ACCOUNTREC

Field Name	SMF Record	Segment Name
zPOOL_ACCOUNTREC	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
NONE	1	X'0000,0001'
TASK	3	X'0000,0003'
TXID	2	X'0000,0002'
UOW	4	X'0000,0004'

SMF 110-2 ENUM: zPOOL_AUTHTYPE

Field Name	SMF Record	Segment Name
zPOOL_AUTHTYPE	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
GROUP	3	X'0000,0003'
NA	0	X'0000,0000'
OPID	2	X'0000,0002'
SIGNID	4	X'0000,0004'
TERM	5	X'0000,0005'
TXID	6	X'0000,0006'
USERID	1	X'0000,0001'

SMF 110-2 ENUM: zPOOL_PRIORITY

Field Name	SMF Record	Segment Name
zPOOL_PRIORITY	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
EQUAL	2	X'0000,0002'
HIGH	1	X'0000,0001'
LOW	3	X'0000,0003'
NA	0	X'0000,0000'

SMF 110-2 ENUM: zPOOL_THREADWAIT

Field Name	SMF Record	Segment Name
zPOOL_THREADWAIT	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zRESYNCMEMBER

Field Name	SMF Record	Segment Name
zRESYNCMEMBER	110 (subtype 2)	SMF110#02_DB2_Connection_Stats_Global

Display Text	Value	Hex Value
NORESYNC	1	X'0000,0001'
RESYNC	0	X'0000,0000'

SMF 110-2 ENUM: zACCOUNTREC

Field Name	SMF Record	Segment Name
zACCOUNTREC	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
NONE	1	X'0000,0001'
TASK	3	X'0000,0003'
TXID	2	X'0000,0002'
UOW	4	X'0000,0004'

SMF 110-2 ENUM: zAUTHTYPE

Field Name	SMF Record	Segment Name
zAUTHTYPE	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
GROUP	3	X'0000,0003'
N/A	0	X'0000,0000'
OPID	2	X'0000,0002'
SIGNID	4	X'0000,0004'
TERM	5	X'0000,0005'
TXID	6	X'0000,0006'
USERID	1	X'0000,0001'

SMF 110-2 ENUM: zCHANGE_AGENT

Field Name	SMF Record	Segment Name
zCHANGE_AGENT	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zINSTALL_AGENT

Field Name	SMF Record	Segment Name
zINSTALL_AGENT	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zPRIORITY

Field Name	SMF Record	Segment Name
zPRIORITY	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
EQUAL	2	X'0000,0002'
HIGH	1	X'0000,0001'
LOW	3	X'0000,0003'
N/A	0	X'0000,0000'

SMF 110-2 ENUM: zTHREADWAIT

Field Name	SMF Record	Segment Name
zTHREADWAIT	110 (subtype 2)	SMF110#02_DB2_Entry_Stats_Resource

Display Text	Value	Hex Value
NO	2	X'0000,0002'
POOL	3	X'0000,0003'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_DBCTL_USS

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zAPPEND_CRLF

Field Name	SMF Record	Segment Name
zAPPEND_CRLF	110 (subtype 2)	SMF110#02_DOCTEMPLATE_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_DOCTEMPLATE_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zTEMPLATE_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zTEMPLATE_CHANGE_AGENT	110 (subtype 2)	SMF110#02_DOCTEMPLATE_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zTEMPLATE_CONTENTS

Field Name	SMF Record	Segment Name
zTEMPLATE_CONTENTS	110 (subtype 2)	SMF110#02_DOCTEMPLATE_Resource

Display Text	Value	Hex Value
BINARY	1	X'0000,0001'
EBCDIC	2	X'0000,0002'

SMF 110-2 ENUM: zTEMPLATE_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zTEMPLATE_INSTALL_AGENT	110 (subtype 2)	SMF110#02_DOCTEMPLATE_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zTEMPLATE_TYPE

Field Name	SMF Record	Segment Name
zTEMPLATE_TYPE	110 (subtype 2)	SMF110#02_DOCTEMPLATE_Resource

Display Text	Value	Hex Value
EXIT_PROGRAM	1	X'0000,0001'
FILE	2	X'0000,0002'
HFSFILE	7	X'0000,0007'
PDS_MEMBER	3	X'0000,0003'
PROGRAM	4	X'0000,0004'
TDQUEUE	5	X'0000,0005'
TSQUEUE	6	X'0000,0006'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Dispatcher_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zTCBMD

Field Name	SMF Record	Segment Name
zTCBMD	110 (subtype 2)	SMF110#02_Dispatcher_Stats

Display Text	Value	Hex Value
NotOpen	1	X'0000,0001'
Open	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 110-2 ENUM: zTCBMP

Field Name	SMF Record	Segment Name
zTCBMP	110 (subtype 2)	SMF110#02_Dispatcher_Stats

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
Open	1	X'0000,0001'
SSL	3	X'0000,0003'
Threaded	4	X'0000,0004'
XPLink	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Dispatcher_TCB_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Dispatcher_TCB_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zADAPTER_TYPE

Field Name	SMF Record	Segment Name
zADAPTER_TYPE	110 (subtype 2)	SMF110#02_EPADAPTERs_Resource

Display Text	Value	Hex Value
CUSTOM	1	X'0000,0001'
HTTP	5	X'0000,0005'
TDQUEUE	6	X'0000,0006'
TRANSTART	3	X'0000,0003'
TSQUEUE	4	X'0000,0004'
WMQ	2	X'0000,0002'

SMF 110-2 ENUM: zADA_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zADA_CHANGE_AGENT	110 (subtype 2)	SMF110#02_EPADAPTERs_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zADA_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zADA_INSTALL_AGENT	110 (subtype 2)	SMF110#02_EPADAPTERs_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zEMISSION_MODE

Field Name	SMF Record	Segment Name
zEMISSION_MODE	110 (subtype 2)	SMF110#02_EPADAPTERs_Resource

Display Text	Value	Hex Value
ASYNCR	2	X'0000,0002'
SYNCR	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_EPADAPTERs_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_EVENTBINDINGs_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zEB_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zEB_CHANGE_AGENT	110 (subtype 2)	SMF110#02_EVENTBINDINGS_Resource

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zEB_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zEB_INSTALL_AGENT	110 (subtype 2)	SMF110#02_EVENTBINDINGS_Resource

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_EVENTBINDINGS_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_EVENTPROCESS_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Enqueue_Mgr_Stats_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'

LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'

VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_FEPI_Connection

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'

LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'

TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_FEPI_Pool

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_FEPI_Target

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'

FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'

TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zFILE_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zFILE_CHANGE_AGENT	110 (subtype 2)	SMF110#02_File_Control_Resid

Display Text	Value	Hex Value
	0	X'0000,0000'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREPAPI	3	X'0000,0003'
SYSTEM	7	X'0000,0007'
TABLE	10	X'0000,000A'

SMF 110-2 ENUM: zFILE_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zFILE_INSTALL_AGENT	110 (subtype 2)	SMF110#02_File_Control_Resid

Display Text	Value	Hex Value
	0	X'0000,0000'
BUNDLE	9	X'0000,0009'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'
TABLE	10	X'0000,000A'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_File_Control_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'

FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'

TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zIPCONN_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zIPCONN_CHANGE_AGENT	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zIPCONN_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zIPCONN_INSTALL_AGENT	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zIPCONN_IP_FAMILY

Field Name	SMF Record	Segment Name
zIPCONN_IP_FAMILY	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
IPV4	1	X'0000,0001'
IPV6	2	X'0000,0002'
UNKNOWN	0	X'0000,0000'

SMF 110-2 ENUM: zLINKAUTH

Field Name	SMF Record	Segment Name
zLINKAUTH	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
CERTUSER	1	X'0000,0001'
SECUSER	2	X'0000,0002'

SMF 110-2 ENUM: zMIRRORLIFE

Field Name	SMF Record	Segment Name
zMIRRORLIFE	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
REQUEST	1	X'0000,0001'
TASK	2	X'0000,0002'
UOW	3	X'0000,0003'

SMF 110-2 ENUM: zSSL_SUPPORT

Field Name	SMF Record	Segment Name
zSSL_SUPPORT	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zUSERAUTH

Field Name	SMF Record	Segment Name
zUSERAUTH	110 (subtype 2)	SMF110#02_IPCONN_Resource

Display Text	Value	Hex Value
DEFAULTUSER	1	X'0000,0001'
IDENTIFY	2	X'0000,0002'
LOCAL	3	X'0000,0003'
VERIFY	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_ISC#IRC_Mode_Entry_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zACCM

Field Name	SMF Record	Segment Name
zACCM	110 (subtype 2)	SMF110#02_ISC#IRC_System_Entry_Resid

Display Text	Value	Hex Value
IRC	2	X'0000,0002'
VTAM	1	X'0000,0001'
XCF	4	X'0000,0004'
XM	3	X'0000,0003'

SMF 110-2 ENUM: zCHANGE_AGENT

Field Name	SMF Record	Segment Name
zCHANGE_AGENT	110 (subtype 2)	SMF110#02_ISC#IRC_System_Entry_Resid

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zEFLGS

Field Name	SMF Record	Segment Name
zEFLGS	110 (subtype 2)	SMF110#02_ISC#IRC_System_Entry_Resid

Display Text	Value	Hex Value
APPC	1	X'0000,0001'
EXCI	3	X'0000,0003'
LU61	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_ISC#IRC_System_Entry_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zINSTALL_AGENT

Field Name	SMF Record	Segment Name
zINSTALL_AGENT	110 (subtype 2)	SMF110#02_ISC#IRC_System_Entry_Resid

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_ISC_Connection_System_Security

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'

FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'

TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_JVMPROGRAM_Stats_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zJVMPROGRAM_ENTRYPOINT

Field Name	SMF Record	Segment Name
zJVMPROGRAM_ENTRYPOINT	110 (subtype 2)	SMF110#02_JVMPROGRAM_Stats_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zJVMPROGRAM_EXEC_KEY

Field Name	SMF Record	Segment Name
zJVMPROGRAM_EXEC_KEY	110 (subtype 2)	SMF110#02_JVMPROGRAM_Stats_Resource

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
USER	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_JVMSEVER_Stats_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zJVMSERVER_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zJVMSERVER_CHANGE_AGENT	110 (subtype 2)	SMF110#02_JVMSERVER_Stats_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zJVMSERVER_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zJVMSERVER_INSTALL_AGENT	110 (subtype 2)	SMF110#02_JVMSERVER_Stats_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zJVMSERVER_STATE

Field Name	SMF Record	Segment Name
zJVMSERVER_STATE	110 (subtype 2)	SMF110#02_JVMSERVER_Stats_Resource

Display Text	Value	Hex Value
DISABLED	1	X'0000,0001'
DISABLING	4	X'0000,0004'
DISCARDING	3	X'0000,0003'
ENABLED	2	X'0000,0002'
ENABLING	5	X'0000,0005'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_JVM_Programs_Private

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zJVMPROGRAM_ENTRYPOINT

Field Name	SMF Record	Segment Name
zJVMPROGRAM_ENTRYPOINT	110 (subtype 2)	SMF110#02_JVM_Programs_Private

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zJVMPROGRAM_EXEC_KEY

Field Name	SMF Record	Segment Name
zJVMPROGRAM_EXEC_KEY	110 (subtype 2)	SMF110#02_JVM_Programs_Private

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
USER	2	X'0000,0002'

SMF 110-2 ENUM: LIBRARY_CHANGE_AGENT

Field Name	SMF Record	Segment Name
LIBRARY_CHANGE_AGENT	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Private

Display Text	Value	Hex Value
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREPAPI	3	X'0000,0003'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: LIBRARY_CRITICAL

Field Name	SMF Record	Segment Name
LIBRARY_CRITICAL	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Private

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: LIBRARY_ENABLE_STATUS

Field Name	SMF Record	Segment Name
LIBRARY_ENABLE_STATUS	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Private

Display Text	Value	Hex Value
DISABLED	2	X'0000,0002'
ENABLED	1	X'0000,0001'

SMF 110-2 ENUM: LIBRARY_INSTALL_AGENT

Field Name	SMF Record	Segment Name
LIBRARY_INSTALL_AGENT	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Private

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Private

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: LIBRARY_CHANGE_AGENT

Field Name	SMF Record	Segment Name
LIBRARY_CHANGE_AGENT	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Public

Display Text	Value	Hex Value
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREPAPI	3	X'0000,0003'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: LIBRARY_CRITICAL

Field Name	SMF Record	Segment Name
LIBRARY_CRITICAL	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Public

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: LIBRARY_ENABLE_STATUS

Field Name	SMF Record	Segment Name
LIBRARY_ENABLE_STATUS	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Public

Display Text	Value	Hex Value
DISABLED	2	X'0000,0002'
ENABLED	1	X'0000,0001'

SMF 110-2 ENUM: LIBRARY_INSTALL_AGENT

Field Name	SMF Record	Segment Name
LIBRARY_INSTALL_AGENT	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Public

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_LIBRARY_Resources_Public

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_LSRPOOL_File_Stats_by_File

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'

FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'

TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_LSRPOOL_Pool_Stats_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zDSAINDEX

Field Name	SMF Record	Segment Name
zDSAINDEX	110 (subtype 2)	SMF110#02_Loader_Globals

Display Text	Value	Hex Value
CDSA	1	X'0000,0001'
ECDSA	2	X'0000,0002'
ERDSA	6	X'0000,0006'
ESDSA	4	X'0000,0004'
RDSA	5	X'0000,0005'
SDSA	3	X'0000,0003'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Loader_Globals

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'

FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'

TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Logger_Stats_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zJTYPE

Field Name	SMF Record	Segment Name
zJTYPE	110 (subtype 2)	SMF110#02_Logger_Stats_Resid

Display Text	Value	Hex Value
Dummy	3	X'0000,0003'
MVS	1	X'0000,0001'
SMF	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Logstream_Stats_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'

ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'

TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zAUTODel

Field Name	SMF Record	Segment Name
zAUTODel	110 (subtype 2)	SMF110#02_Logstream_Stats_Resid

Display Text	Value	Hex Value
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zDASDOnly

Field Name	SMF Record	Segment Name
zDASDOnly	110 (subtype 2)	SMF110#02_Logstream_Stats_Resid

Display Text	Value	Hex Value
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Logstream_Stats_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zSYSLog

Field Name	SMF Record	Segment Name
zSYSLog	110 (subtype 2)	SMF110#02_Logstream_Stats_Resid

Display Text	Value	Hex Value
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_MQMONITORs_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zMonstatus

Field Name	SMF Record	Segment Name
zMonstatus	110 (subtype 2)	SMF110#02_MQMONITORs_Resource

Display Text	Value	Hex Value
Started	1	X'0000,0001'
Starting	2	X'0000,0002'
Stopped	3	X'0000,0003'
Stopping	4	X'0000,0004'

SMF 110-2 ENUM: zMqmon_change_agent

Field Name	SMF Record	Segment Name
zMqmon_change_agent	110 (subtype 2)	SMF110#02_MQMONITORs_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zMqmon_install_agent

Field Name	SMF Record	Segment Name
zMqmon_install_agent	110 (subtype 2)	SMF110#02_MQMONITORs_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zConnection_status

Field Name	SMF Record	Segment Name
zConnection_status	110 (subtype 2)	SMF110#02_MQ_Connection_Stats_Global

Display Text	Value	Hex Value
Connected	1	X'0000,0001'
NotConnected	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_MQ_Connection_Stats_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zMqconn_change_agent

Field Name	SMF Record	Segment Name
zMqconn_change_agent	110 (subtype 2)	SMF110#02_MQ_Connection_Stats_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREPAPI	3	X'0000,0003'

SMF 110-2 ENUM: zMqconn_install_agent

Field Name	SMF Record	Segment Name
zMqconn_install_agent	110 (subtype 2)	SMF110#02_MQ_Connection_Stats_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
CREATE	4	X'0000,0004'
CSDAPI	1	X'0000,0001'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zResyncmember

Field Name	SMF Record	Segment Name
zResyncmember	110 (subtype 2)	SMF110#02_MQ_Connection_Stats_Global

Display Text	Value	Hex Value
Groupresync	2	X'0000,0002'
Noresync	1	X'0000,0001'
Resync	0	X'0000,0000'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zMRCMP

Field Name	SMF Record	Segment Name
zMRCMP	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
Active	1	X'0000,0001'
NotActive	0	X'0000,0000'

SMF 110-2 ENUM: zWLMCC

Field Name	SMF Record	Segment Name
zWLMCC	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
Critical	1	X'0000,0001'
NotCritical	0	X'0000,0000'

SMF 110-2 ENUM: zWLMGM

Field Name	SMF Record	Segment Name
zWLMGM	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
Both	2	X'0000,0002'
Region	1	X'0000,0001'
Transaction	0	X'0000,0000'

SMF 110-2 ENUM: zWLMGT

Field Name	SMF Record	Segment Name
zWLMGT	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
Discretionary	2	X'0000,0002'
N/A	0	X'0000,0000'
System	3	X'0000,0003'
Velocity	1	X'0000,0001'

SMF 110-2 ENUM: zWLMMD

Field Name	SMF Record	Segment Name
zWLMMD	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
Compatibility	0	X'0000,0000'
Goal	1	X'0000,0001'

SMF 110-2 ENUM: zWLMASK

Field Name	SMF Record	Segment Name
zWLMASK	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
Critical	1	X'0000,0001'
NotCritical	0	X'0000,0000'

SMF 110-2 ENUM: zWLMST

Field Name	SMF Record	Segment Name
zWLMST	110 (subtype 2)	SMF110#02_Monitoring_Stats_Global

Display Text	Value	Hex Value
NotServer	0	X'0000,0000'
Server	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zOTRAN_Facility

Field Name	SMF Record	Segment Name
zOTRAN_Facility	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-2 ENUM: zOTRAN_Origin

Field Name	SMF Record	Segment Name
zOTRAN_Origin	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOp	11	X'0000,000B'
IIOpReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-2 ENUM: zOTRAN_id

Field Name	SMF Record	Segment Name
zOTRAN_id	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSTRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-2 ENUM: zTERM_AM

Field Name	SMF Record	Segment Name
zTERM_AM	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
BGAM	6	X'0000,0006'
BSAM	3	X'0000,0003'
CONSOLE	7	X'0000,0007'
None	0	X'0000,0000'
TCAM	4	X'0000,0004'
VTAM	1	X'0000,0001'

SMF 110-2 ENUM: zTERM_Assoc

Field Name	SMF Record	Segment Name
zTERM_Assoc	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
None	1	X'0000,0001'
Session	3	X'0000,0003'
Terminal	2	X'0000,0002'

SMF 110-2 ENUM: zTERM_SessType

Field Name	SMF Record	Segment Name
zTERM_SessType	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
IRC	1	X'0000,0001'
IRC_XCF	3	X'0000,0003'
IRC_XM	2	X'0000,0002'
LU61	4	X'0000,0004'
LU62Paral	6	X'0000,0006'
LU62Single	5	X'0000,0005'
None	0	X'0000,0000'

SMF 110-2 ENUM: zTERM_Type

Field Name	SMF Record	Segment Name
zTERM_Type	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SDLC	176	X'0000,00B0'
Tape	20	X'0000,0014'
Teletype	34	X'0000,0022'

Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-2 ENUM: zTRAN_Facility

Field Name	SMF Record	Segment Name
zTRAN_Facility	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
BRIDGE	8	X'0000,0008'
DEST	16	X'0000,0010'
None	128	X'0000,0080'
SURROGATE	32	X'0000,0020'
TERMINAL	64	X'0000,0040'

SMF 110-2 ENUM: zTRAN_Origin

Field Name	SMF Record	Segment Name
zTRAN_Origin	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
Async	22	X'0000,0016'
CICS_BTS	6	X'0000,0006'
CWS	10	X'0000,000A'
Event	20	X'0000,0014'
ECI	16	X'0000,0010'
IIOPI	11	X'0000,000B'
IIOPIReq	17	X'0000,0011'
IPIC	19	X'0000,0013'
JVMSEVER	21	X'0000,0015'
LU6.1	13	X'0000,000D'
LU6.2	14	X'0000,000E'
MRO	15	X'0000,000F'
None	1	X'0000,0001'
NODEJSAPP	23	X'0000,0017'
RRS	12	X'0000,000C'
RZ	18	X'0000,0012'
Sockets	9	X'0000,0009'
START	4	X'0000,0004'
Term_START	5	X'0000,0005'
Terminal	2	X'0000,0002'
Transient	3	X'0000,0003'
TManager	7	X'0000,0007'
3270Bridge	8	X'0000,0008'

SMF 110-2 ENUM: zTRAN_id

Field Name	SMF Record	Segment Name
zTRAN_id	110 (subtype 2)	SMF110#02_Monitoring_Stats_Resid

Display Text	Value	Hex Value
ALIASONC	16	X'0000,0010'
ALIASWEB	8	X'0000,0008'
BTSTRUN	1	X'0000,0001'
MIRROR	64	X'0000,0040'
MIRRORDPL	32	X'0000,0020'
SYSTEM	128	X'0000,0080'
3270BRIDGE	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_NODEJSAPP_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'

FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'

TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_PIPELINE_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zJSON_JAVA_PARSER

Field Name	SMF Record	Segment Name
zJSON_JAVA_PARSER	110 (subtype 2)	SMF110#02_PIPELINE_Resource

Display Text	Value	Hex Value
NA	0	X'0000,0000'
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zPIPELINE_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zPIPELINE_CHANGE_AGENT	110 (subtype 2)	SMF110#02_PIPELINE_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zPIPELINE_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zPIPELINE_INSTALL_AGENT	110 (subtype 2)	SMF110#02_PIPELINE_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zPIPELINE_MODE

Field Name	SMF Record	Segment Name
zPIPELINE_MODE	110 (subtype 2)	SMF110#02_PIPELINE_Resource

Display Text	Value	Hex Value
PROVIDER	1	X'0000,0001'
REQUESTER	2	X'0000,0002'
UNKNOWN	0	X'0000,0000'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_POLICYS_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'

LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'

TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'

ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'

TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zPROGRAM_API

Field Name	SMF Record	Segment Name
zPROGRAM_API	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
CICSAPI	2	X'0000,0002'
OPENAPI	1	X'0000,0001'

SMF 110-2 ENUM: zPROGRAM_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zPROGRAM_CHANGE_AGENT	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zPROGRAM_CONCURRENCY

Field Name	SMF Record	Segment Name
zPROGRAM_CONCURRENCY	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
NOTAPPLIC	0	X'0000,0000'
QUASIREENTRANT	1	X'0000,0001'
REQUIRED	3	X'0000,0003'
THREADSAFE	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_DATA_LOC

Field Name	SMF Record	Segment Name
zPROGRAM_DATA_LOC	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
DPLSUBSET	1	X'0000,0001'
FULLAPI	2	X'0000,0002'
NOTAPPLIC	0	X'0000,0000'

SMF 110-2 ENUM: zPROGRAM_DYNAMIC

Field Name	SMF Record	Segment Name
zPROGRAM_DYNAMIC	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_ENTRYPOINT

Field Name	SMF Record	Segment Name
zPROGRAM_ENTRYPOINT	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_EXEC_KEY

Field Name	SMF Record	Segment Name
zPROGRAM_EXEC_KEY	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
NOTAPPLIC	0	X'0000,0000'
USER	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zPROGRAM_INSTALL_AGENT	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zPROGRAM_JVM

Field Name	SMF Record	Segment Name
zPROGRAM_JVM	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_LANGUAGE

Field Name	SMF Record	Segment Name
zPROGRAM_LANGUAGE	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
ASSEMBLER	2	X'0000,0002'
C	3	X'0000,0003'
COBOL	4	X'0000,0004'
LE	5	X'0000,0005'
NOT_DEFINED	1	X'0000,0001'
NOTAPPLIC	0	X'0000,0000'
PLI	6	X'0000,0006'

SMF 110-2 ENUM: zPROGRAM_LANG_DEDUCED

Field Name	SMF Record	Segment Name
zPROGRAM_LANG_DEDUCED	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
ASSEMBLER	3	X'0000,0003'
C	4	X'0000,0004'
COBOL	5	X'0000,0005'
JAVA	8	X'0000,0008'
LE	6	X'0000,0006'
NOT_DEDUCED	1	X'0000,0001'
NOT_DEFINED	2	X'0000,0002'
NOTAPPLIC	0	X'0000,0000'
PLI	7	X'0000,0007'

SMF 110-2 ENUM: zPROGRAM_REMOTE

Field Name	SMF Record	Segment Name
zPROGRAM_REMOTE	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_RUNTIME_ENV

Field Name	SMF Record	Segment Name
zPROGRAM_RUNTIME_ENV	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
ENV_JVM	1	X'0000,0001'
ENV_LE	2	X'0000,0002'
ENV_NONLE	3	X'0000,0003'
ENV_XPLINK	4	X'0000,0004'
NOTAPPLIC	0	X'0000,0000'

SMF 110-2 ENUM: zPROGRAM_TYPE

Field Name	SMF Record	Segment Name
zPROGRAM_TYPE	110 (subtype 2)	SMF110#02_PROGRAMDEF_Stats_Resource

Display Text	Value	Hex Value
MAPSET	2	X'0000,0002'
PARTITIONSET	3	X'0000,0003'
PROGRAM	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Private Loader_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zLOCN

Field Name	SMF Record	Segment Name
zLOCN	110 (subtype 2)	SMF110#02_Private_Loader_Resid

Display Text	Value	Hex Value
CDSA	1	X'0000,0001'
ECDSA	4	X'0000,0004'
ELPA	7	X'0000,0007'
ERDSA	6	X'0000,0006'
ESDSA	9	X'0000,0009'
LPA	3	X'0000,0003'
None	0	X'0000,0000'
RDSA	10	X'0000,000A'
SDSA	8	X'0000,0008'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Program_Autoinstall

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zPROGRAM_API

Field Name	SMF Record	Segment Name
zPROGRAM_API	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
CICSAPI	2	X'0000,0002'
OPENAPI	1	X'0000,0001'

SMF 110-2 ENUM: zPROGRAM_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zPROGRAM_CHANGE_AGENT	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zPROGRAM_CONCURRENCY

Field Name	SMF Record	Segment Name
zPROGRAM_CONCURRENCY	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
NOTAPPLIC	0	X'0000,0000'
QUASIREENTRANT	1	X'0000,0001'
REQUIRED	3	X'0000,0003'
THREADSAFE	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_DATA_LOC

Field Name	SMF Record	Segment Name
zPROGRAM_DATA_LOC	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
ANY	2	X'0000,0002'
BELOW	1	X'0000,0001'
NOTAPPLIC	0	X'0000,0000'

SMF 110-2 ENUM: zPROGRAM_DYNAMIC

Field Name	SMF Record	Segment Name
zPROGRAM_DYNAMIC	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_ENTRYPOINT

Field Name	SMF Record	Segment Name
zPROGRAM_ENTRYPOINT	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_EXECUTION_SET

Field Name	SMF Record	Segment Name
zPROGRAM_EXECUTION_SET	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
DPLSUBSET	1	X'0000,0001'
FULLAPI	2	X'0000,0002'
NOTAPPLIC	0	X'0000,0000'

SMF 110-2 ENUM: zPROGRAM_EXEC_KEY

Field Name	SMF Record	Segment Name
zPROGRAM_EXEC_KEY	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
NOTAPPLIC	0	X'0000,0000'
USER	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zPROGRAM_INSTALL_AGENT	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
AUTOINSTALL	6	X'0000,0006'
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zPROGRAM_JVM

Field Name	SMF Record	Segment Name
zPROGRAM_JVM	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_LANGUAGE

Field Name	SMF Record	Segment Name
zPROGRAM_LANGUAGE	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
ASSEMBLER	2	X'0000,0002'
C	3	X'0000,0003'
COBOL	4	X'0000,0004'
LE	5	X'0000,0005'
NOT_DEFINED	1	X'0000,0001'
NOTAPPLIC	0	X'0000,0000'
PLI	6	X'0000,0006'

SMF 110-2 ENUM: zPROGRAM_LANG_DEDUCED

Field Name	SMF Record	Segment Name
zPROGRAM_LANG_DEDUCED	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
ASSEMBLER	3	X'0000,0003'
C	4	X'0000,0004'
COBOL	5	X'0000,0005'
JAVA	8	X'0000,0008'
LE	6	X'0000,0006'
NOT_DEDUCED	1	X'0000,0001'
NOT_DEFINED	2	X'0000,0002'
NOTAPPLIC	0	X'0000,0000'
PLI	7	X'0000,0007'

SMF 110-2 ENUM: zPROGRAM_REMOTE

Field Name	SMF Record	Segment Name
zPROGRAM_REMOTE	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zPROGRAM_RUNTIME_ENV

Field Name	SMF Record	Segment Name
zPROGRAM_RUNTIME_ENV	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
ENV_JVM	1	X'0000,0001'
ENV_LE	2	X'0000,0002'
ENV_NONLE	3	X'0000,0003'
ENV_XPLINK	4	X'0000,0004'
NOTAPPLIC	0	X'0000,0000'

SMF 110-2 ENUM: zPROGRAM_TYPE

Field Name	SMF Record	Segment Name
zPROGRAM_TYPE	110 (subtype 2)	SMF110#02_Program_Definitions_Private

Display Text	Value	Hex Value
MAPSET	2	X'0000,0002'
PARTITIONSET	3	X'0000,0003'
PROGRAM	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Public Loader_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zLOCN

Field Name	SMF Record	Segment Name
zLOCN	110 (subtype 2)	SMF110#02_Public Loader_Resid

Display Text	Value	Hex Value
CDSA	1	X'0000,0001'
ECDSA	4	X'0000,0004'
ELPA	7	X'0000,0007'
ERDSA	6	X'0000,0006'
ESDSA	9	X'0000,0009'
LPA	3	X'0000,0003'
NoCurr	0	X'0000,0000'
RDSA	10	X'0000,000A'
SDSA	8	X'0000,0008'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Recovery_Mgr_Stats_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Statistics_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zACCESS

Field Name	SMF Record	Segment Name
zACCESS	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
READONLY	3	X'0000,0003'
TRUSTED	4	X'0000,0004'
USER	2	X'0000,0002'

SMF 110-2 ENUM: zDSAINDEX

Field Name	SMF Record	Segment Name
zDSAINDEX	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
CDSA	1	X'0000,0001'
ECDSA	9	X'0000,0009'
ERDSA	12	X'0000,000C'
ESDSA	11	X'0000,000B'
ETDSA	13	X'0000,000D'
EUDSA	10	X'0000,000A'
GCDSA	17	X'0000,0011'
GSDSA	19	X'0000,0013'
GUDSA	18	X'0000,0012'
RDSA	4	X'0000,0004'
SDSA	3	X'0000,0003'
UDSA	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zLOCN

Field Name	SMF Record	Segment Name
zLOCN	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
AboveBar	3	X'0000,0003'
AboveLine	2	X'0000,0002'
BelowLine	1	X'0000,0001'

SMF 110-2 ENUM: zMEMLIMITSrc

Field Name	SMF Record	Segment Name
zMEMLIMITSrc	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
AUTHORISED CODE	9	X'0000,0009'
IEFUSI Exit	4	X'0000,0004'
IEFUSI REGION	10	X'0000,000A'
JCL	2	X'0000,0002'
JCL Region	3	X'0000,0003'
SMFPRMxx	1	X'0000,0001'

SMF 110-2 ENUM: zRENTPGM

Field Name	SMF Record	Segment Name
zRENTPGM	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
No Protect	0	X'0000,0000'
Protect	1	X'0000,0001'

SMF 110-2 ENUM: zSTGPROT

Field Name	SMF Record	Segment Name
zSTGPROT	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
Active	1	X'0000,0001'
Not Active	0	X'0000,0000'

SMF 110-2 ENUM: zTRANISO

Field Name	SMF Record	Segment Name
zTRANISO	110 (subtype 2)	SMF110#02_Storage_Manager_DSA

Display Text	Value	Hex Value
Active	1	X'0000,0001'
Not Active	0	X'0000,0000'

SMF 110-2 ENUM: zACCESS

Field Name	SMF Record	Segment Name
zACCESS	110 (subtype 2)	SMF110#02_Storage_Manager_Task_Subpool

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
USER	2	X'0000,0002'

SMF 110-2 ENUM: zDSAINDEX

Field Name	SMF Record	Segment Name
zDSAINDEX	110 (subtype 2)	SMF110#02_Storage_Manager_Task_Subpool

Display Text	Value	Hex Value
CDSA	1	X'0000,0001'
ECDSA	9	X'0000,0009'
EUDSA	10	X'0000,000A'
GCDSA	17	X'0000,0011'
GUDSA	18	X'0000,0012'
UDSA	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Storage_Manager_Task_Subpool

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zLOCN

Field Name	SMF Record	Segment Name
zLOCN	110 (subtype 2)	SMF110#02_Storage_Manager_Task_Subpool

Display Text	Value	Hex Value
AboveBar	3	X'0000,0003'
AboveLine	2	X'0000,0002'
BelowLine	1	X'0000,0001'

SMF 110-2 ENUM: zACCESS

Field Name	SMF Record	Segment Name
zACCESS	110 (subtype 2)	SMF110#02_Storage_Mgr_Domain_Subpool

Display Text	Value	Hex Value
CICS	1	X'0000,0001'
READONLY	3	X'0000,0003'
TRUSTED	4	X'0000,0004'
USER	2	X'0000,0002'

SMF 110-2 ENUM: zDSAINDEX

Field Name	SMF Record	Segment Name
zDSAINDEX	110 (subtype 2)	SMF110#02_Storage_Mgr_Domain_Subpool

Display Text	Value	Hex Value
CDSA	1	X'0000,0001'
ECDSA	9	X'0000,0009'
ERDSA	12	X'0000,000C'
ESDSA	11	X'0000,000B'
ETDSA	13	X'0000,000D'
GCDSA	17	X'0000,0011'
GSDSA	19	X'0000,0013'
RDSA	4	X'0000,0004'
SDSA	3	X'0000,0003'

SMF 110-2 ENUM: zETYPE

Field Name	SMF Record	Segment Name
zETYPE	110 (subtype 2)	SMF110#02_Storage_Mgr_Domain_Subpool

Display Text	Value	Hex Value
FIXED	1	X'0000,0001'
VARIABLE	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Storage_Mgr_Domain_Subpool

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'

LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'

TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zLOCN

Field Name	SMF Record	Segment Name
zLOCN	110 (subtype 2)	SMF110#02_Storage_Mgr_Domain_Subpool

Display Text	Value	Hex Value
AboveBar	3	X'0000,0003'
AboveLine	2	X'0000,0002'
BelowLine	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_System_Dump_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_System_Dump_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_TCP#IP_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'

LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'

VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zPAUSING_HTTP_LISTENING

Field Name	SMF Record	Segment Name
zPAUSING_HTTP_LISTENING	110 (subtype 2)	SMF110#02_TCP#IP_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
OFF	2	X'0000,0002'
ON	1	X'0000,0001'

SMF 110-2 ENUM: zSOTUNING

Field Name	SMF Record	Segment Name
zSOTUNING	110 (subtype 2)	SMF110#02_TCP#IP_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
V520	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zSSLCACHE

Field Name	SMF Record	Segment Name
zSSLCACHE	110 (subtype 2)	SMF110#02_TCP#IP_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
CICS	1	X'0000,0001'
SYSplex	2	X'0000,0002'

SMF 110-2 ENUM: zSTOPPING_PERSISTENCE

Field Name	SMF Record	Segment Name
zSTOPPING_PERSISTENCE	110 (subtype 2)	SMF110#02_TCP#IP_Global

Display Text	Value	Hex Value
	0	X'0000,0000'
OFF	2	X'0000,0002'
ON	1	X'0000,0001'

SMF 110-2 ENUM: zATTACHSEC

Field Name	SMF Record	Segment Name
zATTACHSEC	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
LOCAL	1	X'0000,0001'
VERIFY	2	X'0000,0002'

SMF 110-2 ENUM: zAUTHENTICATE

Field Name	SMF Record	Segment Name
zAUTHENTICATE	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
ASSERTED	5	X'0000,0005'
AUTO	4	X'0000,0004'
AUTOREG	3	X'0000,0003'
BASIC	1	X'0000,0001'
CERT	2	X'0000,0002'
NONE	0	X'0000,0000'

SMF 110-2 ENUM: zCHANGE_AGENT

Field Name	SMF Record	Segment Name
zCHANGE_AGENT	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zINSTALL_AGENT

Field Name	SMF Record	Segment Name
zINSTALL_AGENT	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zIP_FAMILY

Field Name	SMF Record	Segment Name
zIP_FAMILY	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
IPV4	1	X'0000,0001'
IPV6	2	X'0000,0002'
UNKNOWN	0	X'0000,0000'

SMF 110-2 ENUM: zPRIVACY

Field Name	SMF Record	Segment Name
zPRIVACY	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
NOTSUPPORTED	0	X'0000,0000'
REQUIRED	2	X'0000,0002'
SUPPORTED	1	X'0000,0001'

SMF 110-2 ENUM: zSSL_SUPPORT

Field Name	SMF Record	Segment Name
zSSL_SUPPORT	110 (subtype 2)	SMF110#02_TCPIP_Services_Resource

Display Text	Value	Hex Value
ATTLAWR	4	X'0000,0004'
CLI_AUTH	3	X'0000,0003'
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_TDQUEUE_Globals

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zCHANGE_AGENT

Field Name	SMF Record	Segment Name
zCHANGE_AGENT	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zFTYPE

Field Name	SMF Record	Segment Name
zFTYPE	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
NoTerm	3	X'0000,0003'
System	2	X'0000,0002'
Terminal	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zINSTALL_AGENT

Field Name	SMF Record	Segment Name
zINSTALL_AGENT	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zIOTYP

Field Name	SMF Record	Segment Name
zIOTYP	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
INPUT	1	X'0000,0001'
N/A	0	X'0000,0000'
OUTPUT	2	X'0000,0002'
READBACK	3	X'0000,0003'

SMF 110-2 ENUM: zQTYPE

Field Name	SMF Record	Segment Name
zQTYPE	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
Extrapart	1	X'0000,0001'
Indirect	3	X'0000,0003'
Intrapart	2	X'0000,0002'
Remote	4	X'0000,0004'

SMF 110-2 ENUM: zRTYPE

Field Name	SMF Record	Segment Name
zRTYPE	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
LOGICAL	2	X'0000,0002'
N/A	0	X'0000,0000'
NON-RECOV	3	X'0000,0003'
PHYSICAL	1	X'0000,0001'

SMF 110-2 ENUM: zWAIT

Field Name	SMF Record	Segment Name
zWAIT	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
NO	2	X'0000,0002'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zWAITA

Field Name	SMF Record	Segment Name
zWAITA	110 (subtype 2)	SMF110#02_TDQUEUE_Resid

Display Text	Value	Hex Value
N/A	0	X'0000,0000'
QUEUE	2	X'0000,0002'
REJECT	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_TSQUEUE_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Table_Manager_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Terminal_Autoinstall_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'

LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'

VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Terminal_Control_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'

LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'

TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zTETT

Field Name	SMF Record	Segment Name
zTETT	110 (subtype 2)	SMF110#02_Terminal_Control_Resid

Display Text	Value	Hex Value
zSystems	164	X'0000,00A4'
Batch	191	X'0000,00BF'
Bisync	128	X'0000,0080'
BisyncProg	160	X'0000,00A0'
Console	8	X'0000,0008'
ContLU	189	X'0000,00BD'
Disk	18	X'0000,0012'
EvanCons	227	X'0000,00E3'
EvanTerm	228	X'0000,00E4'
Hard-copy	32	X'0000,0020'
IntLU	190	X'0000,00BE'
ISCMConv	209	X'0000,00D1'
LUCMode	210	X'0000,00D2'
LUCSess	211	X'0000,00D3'
LUTYPE4	193	X'0000,00C1'
LUTYPE6	192	X'0000,00C0'
Model33/35	33	X'0000,0021'
Rdr/Prt	24	X'0000,0018'
Skel	226	X'0000,00E2'
SpoolPrt	25	X'0000,0019'
SpoolRdr	26	X'0000,001A'
System3	161	X'0000,00A1'
System7	2	X'0000,0002'
System7BSCA	166	X'0000,00A6'
SysEntry	208	X'0000,00D0'
SDLC	176	X'0000,00B0'

Tape	20	X'0000,0014'
Teletype	34	X'0000,0022'
TCAM	80	X'0000,0050'
Video	64	X'0000,0040'
1050	36	X'0000,0024'
1053	74	X'0000,004A'
1750/3750	223	X'0000,00DF'
2260Loc	65	X'0000,0041'
2260Rem	72	X'0000,0048'
2265	76	X'0000,004C'
2740	40	X'0000,0028'
2741Corr	42	X'0000,002A'
2741EBCDIC	43	X'0000,002B'
2770	130	X'0000,0082'
2780	132	X'0000,0084'
2980	134	X'0000,0086'
3275Rem	146	X'0000,0092'
3277Loc	153	X'0000,0099'
3277Rem	145	X'0000,0091'
3284/3270P	147	X'0000,0093'
3284Loc	155	X'0000,009B'
3286	148	X'0000,0094'
3286Loc	156	X'0000,009C'
3600Bisync	138	X'0000,008A'
3601	177	X'0000,00B1'
3614	178	X'0000,00B2'
3650Att	186	X'0000,00BA'
3650Pipe	184	X'0000,00B8'
3650User	187	X'0000,00BB'
3653Host	185	X'0000,00B9'
3735	136	X'0000,0088'
3740	137	X'0000,0089'
3780	133	X'0000,0085'
3790	180	X'0000,00B4'
3790SCS	182	X'0000,00B6'
3790User	181	X'0000,00B5'
7770	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Transaction_Dump_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Transaction_Dump_Resid

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Transaction_Manager_Globals

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'

LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'

VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zCHANGE_AGENT

Field Name	SMF Record	Segment Name
zCHANGE_AGENT	110 (subtype 2)	SMF110#02_Transaction_Manager_Tclass

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Transaction_Manager_Tclass

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zINSTALL_AGENT

Field Name	SMF Record	Segment Name
zINSTALL_AGENT	110 (subtype 2)	SMF110#02_Transaction_Manager_Tclass

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zCHANGE_AGENT

Field Name	SMF Record	Segment Name
zCHANGE_AGENT	110 (subtype 2)	SMF110#02_Transaction_Manager_Trans

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
EXEC CREATE SPI	4	X'0000,0004'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zENTRYPOINT

Field Name	SMF Record	Segment Name
zENTRYPOINT	110 (subtype 2)	SMF110#02_Transaction_Manager_Trans

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_Transaction_Manager_Trans

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zINSTALL_AGENT

Field Name	SMF Record	Segment Name
zINSTALL_AGENT	110 (subtype 2)	SMF110#02_Transaction_Manager_Trans

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_URIMAPs_Global

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'

FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'

TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zURIMAP_ANALYZER_USE

Field Name	SMF Record	Segment Name
zURIMAP_ANALYZER_USE	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zURIMAP_AUTHENTICATE

Field Name	SMF Record	Segment Name
zURIMAP_AUTHENTICATE	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
BASIC	2	X'0000,0002'
NONE	1	X'0000,0001'

SMF 110-2 ENUM: zURIMAP_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zURIMAP_CHANGE_AGENT	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zURIMAP_ENTRYPOINT

Field Name	SMF Record	Segment Name
zURIMAP_ENTRYPOINT	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zURIMAP_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zURIMAP_INSTALL_AGENT	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zURIMAP_IP_FAMILY

Field Name	SMF Record	Segment Name
zURIMAP_IP_FAMILY	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
IPV4	1	X'0000,0001'
IPV6	2	X'0000,0002'
UNKNOWN	0	X'0000,0000'

SMF 110-2 ENUM: zURIMAP_REDIRECT_TYPE

Field Name	SMF Record	Segment Name
zURIMAP_REDIRECT_TYPE	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
NONE	1	X'0000,0001'
PERM	3	X'0000,0003'
TEMP	2	X'0000,0002'

SMF 110-2 ENUM: zURIMAP_SCHEME

Field Name	SMF Record	Segment Name
zURIMAP_SCHEME	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
HTTP	1	X'0000,0001'
HTTPS	2	X'0000,0002'

SMF 110-2 ENUM: zURIMAP_USAGE

Field Name	SMF Record	Segment Name
zURIMAP_USAGE	110 (subtype 2)	SMF110#02_URIMAPs_Resource

Display Text	Value	Hex Value
ATOM	4	X'0000,0004'
CLIENT	2	X'0000,0002'
JVMSERVER	5	X'0000,0005'
PIPELINE	3	X'0000,0003'
SERVER	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_User_Domain_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_WEBSERVICE_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zMSG_VALIDATION

Field Name	SMF Record	Segment Name
zMSG_VALIDATION	110 (subtype 2)	SMF110#02_WEBSERVICE_Resource

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 110-2 ENUM: zPROGRAM_INTERFACE

Field Name	SMF Record	Segment Name
zPROGRAM_INTERFACE	110 (subtype 2)	SMF110#02_WEBSERVICE_Resource

Display Text	Value	Hex Value
CHANNEL	1	X'0000,0001'
COMMAREA	2	X'0000,0002'
NOTAPPLIC	0	X'0000,0000'

SMF 110-2 ENUM: zWEBSERVICE_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zWEBSERVICE_CHANGE_AGENT	110 (subtype 2)	SMF110#02_WEBSERVICE_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zWEBSERVICE_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zWEBSERVICE_INSTALL_AGENT	110 (subtype 2)	SMF110#02_WEBSERVICE_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_XMLTRANSFORM_Resource

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-2 ENUM: zMSG_VALIDATION

Field Name	SMF Record	Segment Name
zMSG_VALIDATION	110 (subtype 2)	SMF110#02_XMLTRANSFORM_Resource

Display Text	Value	Hex Value
NO	1	X'0000,0001'
YES	2	X'0000,0002'

SMF 110-2 ENUM: zXMLTRNFM_CHANGE_AGENT

Field Name	SMF Record	Segment Name
zXMLTRNFM_CHANGE_AGENT	110 (subtype 2)	SMF110#02_XMLTRANSFORM_Resource

Display Text	Value	Hex Value
CSD API	1	X'0000,0001'
DFHCSDUP	2	X'0000,0002'
DREP API	3	X'0000,0003'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'

SMF 110-2 ENUM: zXMLTRNFM_INSTALL_AGENT

Field Name	SMF Record	Segment Name
zXMLTRNFM_INSTALL_AGENT	110 (subtype 2)	SMF110#02_XMLTRANSFORM_Resource

Display Text	Value	Hex Value
BUNDLE	9	X'0000,0009'
CSD API	1	X'0000,0001'
DYNAMIC	8	X'0000,0008'
EXEC CREATE SPI	4	X'0000,0004'
GRPLIST	5	X'0000,0005'
SYSTEM	7	X'0000,0007'

SMF 110-2 ENUM: zBMVL

Field Name	SMF Record	Segment Name
zBMVL	110 (subtype 2)	SMF110#02_zOS_Communications_Server_Stats

Display Text	Value	Hex Value
	64	X'0000,0040'
OFF	0	X'0000,0000'
ON	1	X'0000,0001'

SMF 110-2 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 2)	SMF110#02_zOS_Communications_Server_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-3 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 3)	SMF110#03_Buffer_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-3 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 3)	SMF110#03_Server_List_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'

LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'

VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-3 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 3)	SMF110#03_Storage_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'

LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'

TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-4 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 4)	SMF110#04_Buffer_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'

LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'

TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-4 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 4)	SMF110#04_Request_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'

FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'

TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-4 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 4)	SMF110#04_Server_List_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPID	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'

MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'

XMR	11	X'0000,000B'
-----	----	--------------

SMF 110-4 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 4)	SMF110#04_Storage_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'

LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'

W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-5 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 5)	SMF110#05_Server_List_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'
LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'

LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCSLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'
TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'

VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 110-5 ENUM: zID

Field Name	SMF Record	Segment Name
zID	110 (subtype 5)	SMF110#05_Storage_Stats

Display Text	Value	Hex Value
ASG	149	X'0000,0095'
AUTO	24	X'0000,0018'
CFB	127	X'0000,007F'
CFR	128	X'0000,0080'
CFS	129	X'0000,0081'
CFSL	126	X'0000,007E'
CONMR	76	X'0000,004C'
CONSR	52	X'0000,0034'
CONSS	54	X'0000,0036'
DBUSS	28	X'0000,001C'
DHD	112	X'0000,0070'
DS	62	X'0000,003E'
DSR	65	X'0000,0041'
DST	64	X'0000,0040'
D2G	102	X'0000,0066'
D2R	103	X'0000,0067'
ECC	143	X'0000,008F'
ECG	140	X'0000,008C'
ECR	141	X'0000,008D'
EPG	142	X'0000,008E'
EPR	144	X'0000,0090'
FCR	67	X'0000,0043'
FEPIC	17	X'0000,0011'
FEPIP	16	X'0000,0010'
FEPIT	18	X'0000,0012'
ISR	109	X'0000,006D'
LDB	31	X'0000,001F'
LDG	30	X'0000,001E'
LDP	36	X'0000,0024'

LDR	25	X'0000,0019'
LDY	32	X'0000,0020'
LGG	92	X'0000,005C'
LGR	93	X'0000,005D'
LGS	94	X'0000,005E'
LSRFR	40	X'0000,0028'
LSRR	39	X'0000,0027'
MLR	113	X'0000,0071'
MN	81	X'0000,0051'
MNR	84	X'0000,0054'
MQG	74	X'0000,004A'
MQR	148	X'0000,0094'
NCS	125	X'0000,007D'
NCCLS	124	X'0000,007C'
NJA	150	X'0000,0096'
NQG	97	X'0000,0061'
PAUTO	23	X'0000,0017'
PGD	120	X'0000,0078'
PGE	147	X'0000,0093'
PGP	146	X'0000,0092'
PGR	119	X'0000,0077'
PIR	105	X'0000,0069'
PIW	106	X'0000,006A'
POL	145	X'0000,0091'
RLR	100	X'0000,0064'
RMG	99	X'0000,0063'
SDG	90	X'0000,005A'
SDR	88	X'0000,0058'
SJS	116	X'0000,0074'
SMD	19	X'0000,0013'
SMDSA	29	X'0000,001D'
SMT	20	X'0000,0014'
SOG	107	X'0000,006B'
SOR	108	X'0000,006C'
ST	66	X'0000,0042'
TCR	34	X'0000,0022'
TDG	87	X'0000,0057'
TDQG	45	X'0000,002D'
TDQR	42	X'0000,002A'
TDR	85	X'0000,0055'
TM	63	X'0000,003F'
TSB	122	X'0000,007A'
TSL	121	X'0000,0079'

TSQ	48	X'0000,0030'
TSS	123	X'0000,007B'
USG	61	X'0000,003D'
VT	21	X'0000,0015'
WBG	101	X'0000,0065'
WBR	104	X'0000,0068'
W2R	110	X'0000,006E'
XMC	12	X'0000,000C'
XMG	10	X'0000,000A'
XMR	11	X'0000,000B'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_CICS_Server_EXCI_Instance_Stats

Display Text	Value	Hex Value
CSx_EXCI	2	X'0000,0002'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_CICS_Server_IPIC_Instance_Stats

Display Text	Value	Hex Value
CSx_IPIC	7	X'0000,0007'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_CICS_Server_Stats

Display Text	Value	Hex Value
CS	1	X'0000,0001'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_Connection_Manager_Stats

Display Text	Value	Hex Value
CM	0	X'0000,0000'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_Gateway_Daemon_Stats

Display Text	Value	Hex Value
GD	3	X'0000,0003'

SMF 111 ENUM: zSTATTYPE

Field Name	SMF Record	Segment Name
zSTATTYPE	111	SMF111_Product_Section

Display Text	Value	Hex Value
End-of-Day	1	X'0000,0001'
Interval	0	X'0000,0000'
Shutdown	2	X'0000,0002'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_Protocol_Handler_Stats

Display Text	Value	Hex Value
PH	4	X'0000,0004'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_System_Environment_Stats

Display Text	Value	Hex Value
SE	6	X'0000,0006'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_Web_Service_Instance_Stats

Display Text	Value	Hex Value
WSx	9	X'0000,0009'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_Web_Service_Stats

Display Text	Value	Hex Value
WS	8	X'0000,0008'

SMF 111 ENUM: zRECORDID

Field Name	SMF Record	Segment Name
zRECORDID	111	SMF111_Worker_Thread_Stats

Display Text	Value	Hex Value
WT	5	X'0000,0005'

SMF 113 ENUM: zCpuProcClass

Field Name	SMF Record	Segment Name
zCpuProcClass	113	SMF113_SubType_1

Display Text	Value	Hex Value
Standard CP	0	X'0000,0000'
ZAAP	2	X'0000,0002'
ZIIP	4	X'0000,0004'

SMF 113 ENUM: zCSType

Field Name	SMF Record	Segment Name
zCSType	113	SMF113_SubType_1_CounterSet

Display Text	Value	Hex Value
z/OS counter set	5	X'0000,0005'
Basic counter set	1	X'0000,0001'
Crypto counter set	3	X'0000,0003'
Extended counter set	4	X'0000,0004'
MT-Diagnostic counter set	6	X'0000,0006'
Problem-state counter set	2	X'0000,0002'

SMF 113 ENUM: zCpuProcClass

Field Name	SMF Record	Segment Name
zCpuProcClass	113	SMF113_SubType_2

Display Text	Value	Hex Value
Standard CP	0	X'0000,0000'
ZAAP	2	X'0000,0002'
ZIIP	4	X'0000,0004'

SMF 113 ENUM: zCST

Field Name	SMF Record	Segment Name
zCST	113	SMF113_SubType_2_CounterSet

Display Text	Value	Hex Value
z/OS counter set	5	X'0000,0005'
Basic counter set	1	X'0000,0001'
Crypto counter set	3	X'0000,0003'
Extended counter set	4	X'0000,0004'
MT-Diagnostic counter set	6	X'0000,0006'
Problem-state counter set	2	X'0000,0002'

SMF 115-1 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 1)	SMF115#01_Product_Correlation

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-1 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 1)	SMF115#01_Product_Standard

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-2 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 2)	SMF115#02_Product_Correlation

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-2 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 2)	SMF115#02_Product_Standard

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-201 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 201)	SMF115#201_Product_Correlation

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-201 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 201)	SMF115#201_Product_Standard

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-215 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 215)	SMF115#215_Product_Correlation

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-215 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 215)	SMF115#215_Product_Standard

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-231 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 231)	SMF115#231_Product_Correlation

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 115-231 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	115 (subtype 231)	SMF115#231_Product_Standard

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	8	X'0000,0008'
Standard	1	X'0000,0001'
Trace	4	X'0000,0004'

SMF 116-0 ENUM: zRINV

Field Name	SMF Record	Segment Name
zRINV	116 (subtype 0)	SMF116#00_Accounting_Data

Display Text	Value	Hex Value
De-Alloc	12	X'0000,000C'
EOM-Abend	24	X'0000,0018'
EOM-Abend-In-Doubt	48	X'0000,0030'
EOT-PgmAbend	20	X'0000,0014'
EOT-PgmAbend-In-Doubt	44	X'0000,002C'
EOT-PgmTerm	16	X'0000,0010'
EOT-PgmTerm-In-Doubt	40	X'0000,0028'
Force	32	X'0000,0020'
Force-In-Doubt	56	X'0000,0038'
In-Doubt	28	X'0000,001C'
New-User	8	X'0000,0008'
Read	4	X'0000,0004'
Sign-On	6	X'0000,0006'

SMF 116-0 ENUM: zCTYP

Field Name	SMF Record	Segment Name
zCTYP	116 (subtype 0)	SMF116#00_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 116-0 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	116 (subtype 0)	SMF116#00_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 116-1 ENUM: zCTYP

Field Name	SMF Record	Segment Name
zCTYP	116 (subtype 1)	SMF116#01_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 116-1 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	116 (subtype 1)	SMF116#01_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 116-2 ENUM: zCTYP

Field Name	SMF Record	Segment Name
zCTYP	116 (subtype 2)	SMF116#02_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 116-2 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	116 (subtype 2)	SMF116#02_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 116-10 ENUM: zHTYP

Field Name	SMF Record	Segment Name
zHTYP	116 (subtype 10)	SMF116#10_Product_Information

Display Text	Value	Hex Value
Correlation	2	X'0000,0002'
CPU	4	X'0000,0004'
Standard	1	X'0000,0001'
Trace	3	X'0000,0003'

SMF 117-1 ENUM: zSRC

Field Name	SMF Record	Segment Name
zSRC	117 (subtype 1)	SMF117#01_WebSphere_Message_Broker_and_IBM_Integration_Bus

Display Text	Value	Hex Value
Major Interval	1	X'0000,0001'
None	0	X'0000,0000'
Redeploy	4	X'0000,0004'
Shutdown	3	X'0000,0003'
Snapshot	2	X'0000,0002'
Stats Settings Modified	5	X'0000,0005'

SMF 118-3 ENUM: zFTPid

Field Name	SMF Record	Segment Name
zFTPid	118 (subtype 3)	SMF118#03_TCPIP_Statistics

Display Text	Value	Hex Value
Client	195	X'0000,00C3'

SMF 118-3 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 3)	SMF118#03_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-3 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 3)	SMF118#03_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-3 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 3)	SMF118#03_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 118-3 ENUM: zType

Field Name	SMF Record	Segment Name
zType	118 (subtype 3)	SMF118#03_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-5 ENUM: zFlag

Field Name	SMF Record	Segment Name
zFlag	118 (subtype 5)	SMF118#05_Subsystem_Stats

Display Text	Value	Hex Value
Intv	64	X'0000,0040'
LastEnd	32	X'0000,0020'
LastShut	16	X'0000,0010'

SMF 118-70 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	118 (subtype 70)	SMF118#70_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-70 ENUM: zFTPid

Field Name	SMF Record	Segment Name
zFTPid	118 (subtype 70)	SMF118#70_TCPIP_Statistics

Display Text	Value	Hex Value
Server	226	X'0000,00E2'

SMF 118-70 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 70)	SMF118#70_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-70 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 70)	SMF118#70_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-70 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 70)	SMF118#70_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 118-71 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	118 (subtype 71)	SMF118#71_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-71 ENUM: zFTPid

Field Name	SMF Record	Segment Name
zFTPid	118 (subtype 71)	SMF118#71_TCPIP_Statistics

Display Text	Value	Hex Value
Server	226	X'0000,00E2'

SMF 118-71 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 71)	SMF118#71_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-71 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 71)	SMF118#71_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-71 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 71)	SMF118#71_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 118-72 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	118 (subtype 72)	SMF118#72_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-72 ENUM: zFTPId

Field Name	SMF Record	Segment Name
zFTPId	118 (subtype 72)	SMF118#72_TCPIP_Statistics

Display Text	Value	Hex Value
Server	226	X'0000,00E2'

SMF 118-72 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 72)	SMF118#72_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-72 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 72)	SMF118#72_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-72 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 72)	SMF118#72_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 118-73 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	118 (subtype 73)	SMF118#73_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-73 ENUM: zFTPid

Field Name	SMF Record	Segment Name
zFTPid	118 (subtype 73)	SMF118#73_TCPIP_Statistics

Display Text	Value	Hex Value
Server	226	X'0000,00E2'

SMF 118-73 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 73)	SMF118#73_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-73 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 73)	SMF118#73_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-73 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 73)	SMF118#73_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 118-74 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	118 (subtype 74)	SMF118#74_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-74 ENUM: zFTPid

Field Name	SMF Record	Segment Name
zFTPid	118 (subtype 74)	SMF118#74_TCPIP_Statistics

Display Text	Value	Hex Value
Server	226	X'0000,00E2'

SMF 118-74 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 74)	SMF118#74_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-74 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 74)	SMF118#74_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-74 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 74)	SMF118#74_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 118-75 ENUM: zDSType

Field Name	SMF Record	Segment Name
zDSType	118 (subtype 75)	SMF118#75_TCPIP_Statistics

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 118-75 ENUM: zFTPid

Field Name	SMF Record	Segment Name
zFTPid	118 (subtype 75)	SMF118#75_TCPIP_Statistics

Display Text	Value	Hex Value
Server	226	X'0000,00E2'

SMF 118-75 ENUM: zFormat

Field Name	SMF Record	Segment Name
zFormat	118 (subtype 75)	SMF118#75_TCPIP_Statistics

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 118-75 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	118 (subtype 75)	SMF118#75_TCPIP_Statistics

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 118-75 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	118 (subtype 75)	SMF118#75_TCPIP_Statistics

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 119-1 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 1)	SMF119#01_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-2 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 2)	SMF119#02_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-2 ENUM: zSMCDReasonE

Field Name	SMF Record	Segment Name
zSMCDReasonE	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
AutoSMC	21261	X'0000,530D'
ConnIPSEC	21255	X'0000,5307'
ExceedFixM	22532	X'0000,5804'
FRCAserver	21256	X'0000,5308'
NotObtained	-1	X'FFFF,FFFF'
NoActiveISM	21262	X'0000,530E'
NoActISMs	22537	X'0000,5809'
NoAttempt	0	X'0000,0000'
NoIPv6Prefix	21260	X'0000,530C'
NoLMBs	22533	X'0000,5805'
NoStorSMC	21254	X'0000,5306'
NoSMCDRoute	21250	X'0000,5302'
NoVLANid	22534	X'0000,5806'
OutOfSynch	22553	X'0000,5819'
PeerNoAccept	21263	X'0000,530F'
PeerUnreachable	22280	X'0000,5708'
PortNOSMC	21258	X'0000,530A'
PASCALappl	21257	X'0000,5309'
SameEndpoint	22561	X'0000,5821'
SubnetMis	22558	X'0000,581E'
VirtStorage	22531	X'0000,5803'

SMF 119-2 ENUM: zSMCDStatus

Field Name	SMF Record	Segment Name
zSMCDStatus	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
No	0	X'0000,0000'
Yes	1	X'0000,0001'

SMF 119-2 ENUM: zSMCRReasonE

Field Name	SMF Record	Segment Name
zSMCRReasonE	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
AutoSMC	21261	X'0000,530D'
ConnIPSEC	21255	X'0000,5307'
ConnLocal	21252	X'0000,5304'
ExceedFixM	20996	X'0000,5204'
FRCAserver	21256	X'0000,5308'
InvalidMTU	21259	X'0000,530B'
NoActRNIC	21251	X'0000,5303'
NoActRNICs	21001	X'0000,5209'
NoAttempt	0	X'0000,0000'
NoIPv6Prefix	21260	X'0000,530C'
NoRDMAConn	20499	X'0000,5013'
NoRMBs	20997	X'0000,5205'
NoStorSMC	21254	X'0000,5306'
NoSMCRRoute	21250	X'0000,5302'
NoVLANid	20998	X'0000,5206'
OutOfSynch	21017	X'0000,5219'
PeerNoAccept	21249	X'0000,5301'
PortNOSMC	21258	X'0000,530A'
PASCALappl	21257	X'0000,5309'
SubnetMis	21022	X'0000,521E'
VirtStorage	20995	X'0000,5203'

SMF 119-2 ENUM: zSMCRStatus

Field Name	SMF Record	Segment Name
zSMCRStatus	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
No	0	X'0000,0000'
Yes	1	X'0000,0001'

SMF 119-2 ENUM: zStatus

Field Name	SMF Record	Segment Name
zStatus	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
ActiveOpen	1	X'0000,0001'
PassiveOpen	0	X'0000,0000'

SMF 119-2 ENUM: zTTLSCS

Field Name	SMF Record	Segment Name
zTTLSCS	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
HSinProgress	2	X'0000,0002'
NotSecure	1	X'0000,0001'
Secure	3	X'0000,0003'

SMF 119-2 ENUM: zTTLSPS

Field Name	SMF Record	Segment Name
zTTLSPS	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
AT-TLSOff	1	X'0000,0001'
NotKnown	0	X'0000,0000'
NoPolicy	2	X'0000,0002'
PolicyApplCntrl	5	X'0000,0005'
PolicyEnabled	4	X'0000,0004'
PolicyNotEnabled	3	X'0000,0003'

SMF 119-2 ENUM: zTermCode

Field Name	SMF Record	Segment Name
zTermCode	119 (subtype 2)	SMF119#02_TCP_Connection_Termination

Display Text	Value	Hex Value
Accept_Error	85	X'0000,0055'
Admin	65	X'0000,0041'
App_Close	82	X'0000,0052'
Bound_IP_Del	66	X'0000,0042'
FRCA_Error	17	X'0000,0011'
FRCA_FIN	18	X'0000,0012'
GlobalStall	117	X'0000,0075'
InvACK	51	X'0000,0033'
IDS_Tagged	49	X'0000,0031'
Keepalive_Fail	115	X'0000,0073'
Mult_ReXmit	113	X'0000,0071'
NetAccess_Deny	50	X'0000,0032'
No_FIN	116	X'0000,0074'
Not_Accepted	81	X'0000,0051'
NoDVIPA_Owner	34	X'0000,0022'
PASCAL_Close	83	X'0000,0053'
PASCAL_Discon	84	X'0000,0054'
QueueSize	118	X'0000,0076'
RESET_Received	97	X'0000,0061'
Stack_Term	33	X'0000,0021'
Zero_Window	114	X'0000,0072'

SMF 119-2 ENUM: zTLSFIPS140

Field Name	SMF Record	Segment Name
zTLSFIPS140	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_ATTLS

Display Text	Value	Hex Value
Off	0	X'0000,0000'
On	1	X'0000,0001'
OnLev1	2	X'0000,0002'
OnLev2	3	X'0000,0003'
OnLev3	4	X'0000,0004'

SMF 119-2 ENUM: zTLSSSLReuse

Field Name	SMF Record	Segment Name
zTLSSSLReuse	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_ATTLS

Display Text	Value	Hex Value
Off	0	X'0000,0000'
On	1	X'0000,0001'

SMF 119-2 ENUM: zTLSKeyType

Field Name	SMF Record	Segment Name
zTLSKeyType	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_ATTLS

Display Text	Value	Hex Value
Client	1	X'0000,0001'
N/A	0	X'0000,0000'
Server	2	X'0000,0002'
SrvCIFull	4	X'0000,0004'
SrvCIPassThru	3	X'0000,0003'
SrvCIReqd	5	X'0000,0005'
SrvCISAFChk	6	X'0000,0006'

SMF 119-2 ENUM: zINACT

Field Name	SMF Record	Segment Name
zINACT	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_IP_Filter

Display Text	Value	Hex Value
Denied	3	X'0000,0003'
IPSec	2	X'0000,0002'
NotFiltered	0	X'0000,0000'
Permitted	1	X'0000,0001'

SMF 119-2 ENUM: zOUTACT

Field Name	SMF Record	Segment Name
zOUTACT	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_IP_Filter

Display Text	Value	Hex Value
Denied	3	X'0000,0003'
IPSec	2	X'0000,0002'
Permitted	1	X'0000,0001'

SMF 119-2 ENUM: TTTelTermCode

Field Name	SMF Record	Segment Name
TTTelTermCode	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_Telnet

Display Text	Value	Hex Value
ABEND	12	X'0000,000C'
ASCDROP	21	X'0000,0015'
CHEKCLNT	24	X'0000,0018'
CLNTDISC	2	X'0000,0002'
CLOSEERR	16	X'0000,0010'
ERROR	9	X'0000,0009'
INACT-K	5	X'0000,0005'
INACT-P	4	X'0000,0004'
INACT-PF	26	X'0000,001A'
INACT-S	3	X'0000,0003'
LUNRCONN	28	X'0000,001C'
LUNRRCVR	27	X'0000,001B'
LUXABEND	23	X'0000,0017'
NSEXIT	7	X'0000,0007'
QSTIMER	25	X'0000,0019'
STOPPORT	18	X'0000,0012'
STOPTRAN	19	X'0000,0013'
SYSLGOFF	22	X'0000,0016'
TIMEMARK	6	X'0000,0006'
TKOVER	10	X'0000,000A'
TKOVER-R	11	X'0000,000B'
TPEND	8	X'0000,0008'
TRANCLOS	20	X'0000,0014'
UNBIND	1	X'0000,0001'
UNBINDQS	15	X'0000,000F'
UNBIND02	14	X'0000,000E'
UNKNOWN	13	X'0000,000D'
USSLGOFF	17	X'0000,0011'
0	0	X'0000,0000'

SMF 119-2 ENUM: zProtocol

Field Name	SMF Record	Segment Name
zProtocol	119 (subtype 2)	SMF119#02_TCP_Connection_Termination_Telnet

Display Text	Value	Hex Value
Line	1	X'0000,0001'
TN3270	2	X'0000,0002'
TN3270E	4	X'0000,0004'

SMF 119-3 ENUM: zDsType

Field Name	SMF Record	Segment Name
zDsType	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 119-3 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 119-3 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 119-3 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 119-3 ENUM: zProtocol

Field Name	SMF Record	Segment Name
zProtocol	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion SOCKS

Display Text	Value	Hex Value
Version 4	1	X'0000,0001'
Version 5	2	X'0000,0002'

SMF 119-3 ENUM: zCProtect

Field Name	SMF Record	Segment Name
zCProtect	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion_Security

Display Text	Value	Hex Value
Clear	195	X'0000,00C3'
None	213	X'0000,00D5'
Private	215	X'0000,00D7'
Safe	226	X'0000,00E2'

SMF 119-3 ENUM: zDProtect

Field Name	SMF Record	Segment Name
zDProtect	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion_Security

Display Text	Value	Hex Value
Clear	195	X'0000,00C3'
None	213	X'0000,00D5'
Private	215	X'0000,00D7'
Safe	226	X'0000,00E2'

SMF 119-3 ENUM: zFips140

Field Name	SMF Record	Segment Name
zFips140	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion_Security

Display Text	Value	Hex Value
Off	0	X'0000,0000'
On	1	X'0000,0001'
OnLev1	2	X'0000,0002'
OnLev2	3	X'0000,0003'
OnLev3	4	X'0000,0004'

SMF 119-3 ENUM: zLoginMech

Field Name	SMF Record	Segment Name
zLoginMech	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion_Security

Display Text	Value	Hex Value
Certificate	195	X'0000,00C3'
Kerberos	210	X'0000,00D2'
Password	215	X'0000,00D7'
Undefined	228	X'0000,00E4'

SMF 119-3 ENUM: zMechanism

Field Name	SMF Record	Segment Name
zMechanism	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion_Security

Display Text	Value	Hex Value
AT-TLS	193	X'0000,00C1'
GSSAPI	199	X'0000,00C7'
None	213	X'0000,00D5'
TLS	227	X'0000,00E3'

SMF 119-3 ENUM: zSessReuse

Field Name	SMF Record	Segment Name
zSessReuse	119 (subtype 3)	SMF119#03_FTP_Client_Transfer_Completion_Security

Display Text	Value	Hex Value
Allowed	193	X'0000,00C1'
None	213	X'0000,00D5'
Required	217	X'0000,00D9'

SMF 119-3 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 3)	SMF119#03_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-4 ENUM: zDistMethod

Field Name	SMF Record	Segment Name
zDistMethod	119 (subtype 4)	SMF119#04_Distributed_Dynamic_VIPA

Display Text	Value	Hex Value
BaseWlm	1	X'0000,0001'
HotStandby	6	X'0000,0006'
RoundRobin	2	X'0000,0002'
ServerWlm	3	X'0000,0003'
TargControl	5	X'0000,0005'
WeightedAct	4	X'0000,0004'

SMF 119-4 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 4)	SMF119#04_Dynamic_VIPA_address

Display Text	Value	Hex Value
Backup	1	X'0000,0001'
Define	2	X'0000,0002'
Range	3	X'0000,0003'

SMF 119-4 ENUM: zAdjDVMSS

Field Name	SMF Record	Segment Name
zAdjDVMSS	119 (subtype 4)	SMF119#04_Global_configuration

Display Text	Value	Hex Value
AdjDVMSS_ALL	64	X'0000,0040'
AdjDVMSS_AUTO	128	X'0000,0080'
AdjDVMSS_NONE	32	X'0000,0020'

SMF 119-4 ENUM: zAutoIQDC

Field Name	SMF Record	Segment Name
zAutoIQDC	119 (subtype 4)	SMF119#04_Global_configuration

Display Text	Value	Hex Value
AllTraffic	1	X'0000,0001'
NoAUTOIQDC	0	X'0000,0000'
NoLargeData	2	X'0000,0002'

SMF 119-4 ENUM: zAutoIQDX

Field Name	SMF Record	Segment Name
zAutoIQDX	119 (subtype 4)	SMF119#04_Global_configuration

Display Text	Value	Hex Value
AllTraffic	1	X'0000,0001'
NoAUTOIQDX	0	X'0000,0000'
NoLargeData	2	X'0000,0002'

SMF 119-4 ENUM: zDirection

Field Name	SMF Record	Segment Name
zDirection	119 (subtype 4)	SMF119#04_IPSec_default_rules

Display Text	Value	Hex Value
DIRBIDIR	1	X'0000,0001'
DIRBIDIRINBCON	2	X'0000,0002'
DIRBIDIROUTBCON	3	X'0000,0003'
DIRINBOUND	4	X'0000,0004'
DIROUTBOUND	5	X'0000,0005'

SMF 119-4 ENUM: zProto

Field Name	SMF Record	Segment Name
zProto	119 (subtype 4)	SMF119#04_IPSec_default_rules

Display Text	Value	Hex Value
ICMP	1	X'0000,0001'
ICMPV6	58	X'0000,003A'
MIPV6	135	X'0000,0087'
OSPF	89	X'0000,0059'
TCP	6	X'0000,0006'
UDP	17	X'0000,0011'

SMF 119-4 ENUM: zRoutingType

Field Name	SMF Record	Segment Name
zRoutingType	119 (subtype 4)	SMF119#04_IPSec_default_rules

Display Text	Value	Hex Value
RTEITHER	3	X'0000,0003'
RTLOCAL	1	X'0000,0001'
RTROUTED	2	X'0000,0002'
RTROUTEDFRAG	4	X'0000,0004'

SMF 119-4 ENUM: zIgnRedirectRsn

Field Name	SMF Record	Segment Name
zIgnRedirectRsn	119 (subtype 4)	SMF119#04_IPv4_IP_configuration

Display Text	Value	Hex Value
Config	1	X'0000,0001'
IDSICMPPolicy	3	X'0000,0003'
OMPROUTE	2	X'0000,0002'

SMF 119-4 ENUM: zIgnRedirectRsn

Field Name	SMF Record	Segment Name
zIgnRedirectRsn	119 (subtype 4)	SMF119#04_IPv6_IP_configuration

Display Text	Value	Hex Value
Config	1	X'0000,0001'
IDSICMPv6Policy	3	X'0000,0003'
OMPROUTE	2	X'0000,0002'

SMF 119-4 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 4)	SMF119#04_IPv6_address

Display Text	Value	Hex Value
ADDR	1	X'0000,0001'
PFX	2	X'0000,0002'
TEMPPEFX	3	X'0000,0003'

SMF 119-4 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 4)	SMF119#04_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-4 ENUM: zChplDType

Field Name	SMF Record	Segment Name
zChplDType	119 (subtype 4)	SMF119#04_Interface

Display Text	Value	Hex Value
	0	X'0000,0000'
OSD	1	X'0000,0001'
OSX	2	X'0000,0002'

SMF 119-4 ENUM: zInbPerfType

Field Name	SMF Record	Segment Name
zInbPerfType	119 (subtype 4)	SMF119#04_Interface

Display Text	Value	Hex Value
BAL	1	X'0000,0001'
DYN	2	X'0000,0002'
MINCPU	3	X'0000,0003'
MINLAT	4	X'0000,0004'

SMF 119-4 ENUM: zReadStorType

Field Name	SMF Record	Segment Name
zReadStorType	119 (subtype 4)	SMF119#04_Interface

Display Text	Value	Hex Value
AVG	3	X'0000,0003'
GLOBAL	1	X'0000,0001'
MAX	2	X'0000,0002'
MIN	4	X'0000,0004'

SMF 119-4 ENUM: zRtrType

Field Name	SMF Record	Segment Name
zRtrType	119 (subtype 4)	SMF119#04_Interface

Display Text	Value	Hex Value
NON	1	X'0000,0001'
PRI	2	X'0000,0002'
SEC	3	X'0000,0003'

SMF 119-4 ENUM: zTempPfxType

Field Name	SMF Record	Segment Name
zTempPfxType	119 (subtype 4)	SMF119#04_Interface

Display Text	Value	Hex Value
	0	X'0000,0000'
ALL	1	X'0000,0001'
DIS	4	X'0000,0004'
NONE	3	X'0000,0003'
PFX	2	X'0000,0002'

SMF 119-4 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 4)	SMF119#04_Interface

Display Text	Value	Hex Value
HIPERSOCK	3	X'0000,0003'
LOOPB	1	X'0000,0001'
OSAETH	2	X'0000,0002'
PTP	4	X'0000,0004'
VIRTUAL	5	X'0000,0005'

SMF 119-4 ENUM: zCache

Field Name	SMF Record	Segment Name
zCache	119 (subtype 4)	SMF119#04_Network_access

Display Text	Value	Hex Value
CacheAll	1	X'0000,0001'
CachePermit	2	X'0000,0002'
CacheSame	3	X'0000,0003'

SMF 119-4 ENUM: zUseType

Field Name	SMF Record	Segment Name
zUseType	119 (subtype 4)	SMF119#04_Port_reservation

Display Text	Value	Hex Value
UTAuthport	2	X'0000,0002'
UTJobname	3	X'0000,0003'
UTReserved	1	X'0000,0001'

SMF 119-4 ENUM: zChangeRsn

Field Name	SMF Record	Segment Name
zChangeRsn	119 (subtype 4)	SMF119#04_Profile_information_common

Display Text	Value	Hex Value
	0	X'0000,0000'
OBEYFILE	1	X'0000,0001'

SMF 119-4 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 4)	SMF119#04_Source_IP_address

Display Text	Value	Hex Value
DEST	1	X'0000,0001'
JOB	2	X'0000,0002'

SMF 119-5 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 5)	SMF119#05_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-6 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 6)	SMF119#06_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-7 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 7)	SMF119#07_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-8 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 8)	SMF119#08_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-8 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 8)	SMF119#08_TCP_IP_stack_start_stop

Display Text	Value	Hex Value
AbNmTerm	32	X'0000,0020'
NormTerm	64	X'0000,0040'
Start	128	X'0000,0080'

SMF 119-10 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 10)	SMF119#10_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-10 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 10)	SMF119#10_UDP_socket_close

Display Text	Value	Hex Value
Abnorm	2	X'0000,0002'
Norm	1	X'0000,0001'

SMF 119-10 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 10)	SMF119#10_UDP_socket_close

Display Text	Value	Hex Value
EE	2	X'0000,0002'
NonEE	1	X'0000,0001'

SMF 119-11 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 11)	SMF119#11_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-11 ENUM: zDN_Type

Field Name	SMF Record	Segment Name
zDN_Type	119 (subtype 11)	SMF119#11_zERT_Distinguished_Name

Display Text	Value	Hex Value
IPSec_LCL_IDN	2	X'0000,0002'
IPSec_LCL_SDN	1	X'0000,0001'
IPSec_RMT_IDN	4	X'0000,0004'
IPSec_RMT_SDN	3	X'0000,0003'
SSH_CLI_IDN	12	X'0000,000C'
SSH_CLI_SDN	11	X'0000,000B'
SSH_SRV_IDN	10	X'0000,000A'
SSH_SRV_SDN	9	X'0000,0009'
TLS_CLI_IDN	8	X'0000,0008'
TLS_CLI_SDN	7	X'0000,0007'
TLS_SRV_IDN	6	X'0000,0006'
TLS_SRV_SDN	5	X'0000,0005'

SMF 119-11 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-11 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-11 ENUM: zEncAlg

Field Name	SMF Record	Segment Name
zEncAlg	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-11 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Transport	2	X'0000,0002'
Tunnel	1	X'0000,0001'

SMF 119-11 ENUM: zIKETunAuthAlg

Field Name	SMF Record	Segment Name
zIKETunAuthAlg	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-11 ENUM: zIKETunDHGroup

Field Name	SMF Record	Segment Name
zIKETunDHGroup	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Group1	1	X'0000,0001'
Group14	14	X'0000,000E'
Group19	19	X'0000,0013'
Group2	2	X'0000,0002'
Group20	20	X'0000,0014'
Group21	21	X'0000,0015'
Group24	24	X'0000,0018'
Group5	5	X'0000,0005'
None	255	X'0000,00FF'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zIKETunEncAlg

Field Name	SMF Record	Segment Name
zIKETunEncAlg	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-11 ENUM: zIKETunLclAuthMeth

Field Name	SMF Record	Segment Name
zIKETunLclAuthMeth	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Digital_Sign	7	X'0000,0007'
ECDSA-256	4	X'0000,0004'
ECDSA-384	5	X'0000,0005'
ECDSA-521	6	X'0000,0006'
None	1	X'0000,0001'
Preshared_Key	3	X'0000,0003'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zIKETunPseudoRFunc

Field Name	SMF Record	Segment Name
zIKETunPseudoRFunc	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
AES-128-XCBC	5	X'0000,0005'
HMAC-MD5	6	X'0000,0006'
HMAC-SHA1	7	X'0000,0007'
HMAC-SHA2-256	2	X'0000,0002'
HMAC-SHA2-384	3	X'0000,0003'
HMAC-SHA2-512	4	X'0000,0004'
None	1	X'0000,0001'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zIKETunRmtAuthMeth

Field Name	SMF Record	Segment Name
zIKETunRmtAuthMeth	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Digital_Sign	7	X'0000,0007'
ECDSA-256	4	X'0000,0004'
ECDSA-384	5	X'0000,0005'
ECDSA-521	6	X'0000,0006'
None	1	X'0000,0001'
Preshared_Key	3	X'0000,0003'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zLclCert_Digest_Algo

Field Name	SMF Record	Segment Name
zLclCert_Digest_Algo	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zLclCert_Enc_Meth

Field Name	SMF Record	Segment Name
zLclCert_Enc_Meth	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zLclCert_Key_Type

Field Name	SMF Record	Segment Name
zLclCert_Key_Type	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zLclCert_Sign_Meth

Field Name	SMF Record	Segment Name
zLclCert_Sign_Meth	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zLclCert_Time_Type

Field Name	SMF Record	Segment Name
zLclCert_Time_Type	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
GT	2	X'0000,0002'
UTC	1	X'0000,0001'

SMF 119-11 ENUM: zPFSSGroup

Field Name	SMF Record	Segment Name
zPFSSGroup	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Group1	1	X'0000,0001'
Group14	14	X'0000,000E'
Group19	19	X'0000,0013'
Group2	2	X'0000,0002'
Group20	20	X'0000,0014'
Group21	21	X'0000,0015'
Group24	24	X'0000,0018'
Group5	5	X'0000,0005'
None	255	X'0000,00FF'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zRmtCert_Digest_Algo

Field Name	SMF Record	Segment Name
zRmtCert_Digest_Algo	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zRmtCert_Enc_Meth

Field Name	SMF Record	Segment Name
zRmtCert_Enc_Meth	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zRmtCert_Key_Type

Field Name	SMF Record	Segment Name
zRmtCert_Key_Type	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zRmtCert_Sign_Meth

Field Name	SMF Record	Segment Name
zRmtCert_Sign_Meth	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zRmtCert_Time_Type

Field Name	SMF Record	Segment Name
zRmtCert_Time_Type	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
GT	2	X'0000,0002'
UTC	1	X'0000,0001'

SMF 119-11 ENUM: zTunState

Field Name	SMF Record	Segment Name
zTunState	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Active	1	X'0000,0001'
Inactive	2	X'0000,0002'

SMF 119-11 ENUM: zTunType

Field Name	SMF Record	Segment Name
zTunType	119 (subtype 11)	SMF119#11_zERT_IPSec_attributes

Display Text	Value	Hex Value
Dynamic	2	X'0000,0002'
Manual	1	X'0000,0001'
Shadow	3	X'0000,0003'

SMF 119-11 ENUM: zInbAct

Field Name	SMF Record	Segment Name
zInbAct	119 (subtype 11)	SMF119#11_zERT_IP_filter_specific

Display Text	Value	Hex Value
Denied	3	X'0000,0003'
IPSec	2	X'0000,0002'
NoRule	0	X'0000,0000'
Permitted	1	X'0000,0001'

SMF 119-11 ENUM: zOutAct

Field Name	SMF Record	Segment Name
zOutAct	119 (subtype 11)	SMF119#11_zERT_IP_filter_specific

Display Text	Value	Hex Value
Denied	3	X'0000,0003'
IPSec	2	X'0000,0002'
NoRule	0	X'0000,0000'
Permitted	1	X'0000,0001'

SMF 119-11 ENUM: zAuth_Method

Field Name	SMF Record	Segment Name
zAuth_Method	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
CHAL_RESP	9	X'0000,0009'
CNTL_SOCK1	10	X'0000,000A'
GSSAPI_KEX	12	X'0000,000C'
GSSAPI_MIC	11	X'0000,000B'
HOST_BASED	4	X'0000,0004'
KEYB_INT	8	X'0000,0008'
NONE	1	X'0000,0001'
PASSWORD	2	X'0000,0002'
PUBLIC_KEY	3	X'0000,0003'
RHOSTS	5	X'0000,0005'
RHOSTS_RSA	6	X'0000,0006'
RSA	7	X'0000,0007'
UNKNOWN	0	X'0000,0000'

SMF 119-11 ENUM: zAuth_Method2

Field Name	SMF Record	Segment Name
zAuth_Method2	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
CHAL_RESP	9	X'0000,0009'
CNTL_SOCK1	10	X'0000,000A'
GSSAPI_KEX	12	X'0000,000C'
GSSAPI_MIC	11	X'0000,000B'
HOST_BASED	4	X'0000,0004'
KEYB_INT	8	X'0000,0008'
NONE	1	X'0000,0001'
PASSWORD	2	X'0000,0002'
PUBLIC_KEY	3	X'0000,0003'
RHOSTS	5	X'0000,0005'
RHOSTS_RSA	6	X'0000,0006'
RSA	7	X'0000,0007'
0	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Digest_Algo

Field Name	SMF Record	Segment Name
zCCert_Digest_Algo	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Enc_Method

Field Name	SMF Record	Segment Name
zCCert_Enc_Method	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Key_Type

Field Name	SMF Record	Segment Name
zCCert_Key_Type	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Sig_Method

Field Name	SMF Record	Segment Name
zCCert_Sig_Method	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Time_Type

Field Name	SMF Record	Segment Name
zCCert_Time_Type	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
GT	2	X'0000,0002'
UTC	1	X'0000,0001'

SMF 119-11 ENUM: zCKey_Type

Field Name	SMF Record	Segment Name
zCKey_Type	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DH	4	X'0000,0004'
DSA	3	X'0000,0003'
DSA_CERT	8	X'0000,0008'
ECC	5	X'0000,0005'
ECDSA_CERT	9	X'0000,0009'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
RSA_CERT	7	X'0000,0007'
RSA1	6	X'0000,0006'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zFIPS_Mode

Field Name	SMF Record	Segment Name
zFIPS_Mode	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
LVL1	2	X'0000,0002'
LVL2	3	X'0000,0003'
LVL3	4	X'0000,0004'
OFF	0	X'0000,0000'
ON	1	X'0000,0001'

SMF 119-11 ENUM: zIn_Enc_Alg

Field Name	SMF Record	Segment Name
zIn_Enc_Alg	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-11 ENUM: zIn_Msg_Auth

Field Name	SMF Record	Segment Name
zIn_Msg_Auth	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPEMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-11 ENUM: zKex_Method

Field Name	SMF Record	Segment Name
zKex_Method	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DH_GEX_SHA1	3	X'0000,0003'
DH_GEX_SHA256	2	X'0000,0002'
DH_G1_SHA1	5	X'0000,0005'
DH_G14_SHA1	4	X'0000,0004'
ECDH_SHA2_NISTP_256	6	X'0000,0006'
ECDH_SHA2_NISTP_384	7	X'0000,0007'
ECDH_SHA2_NISTP_521	8	X'0000,0008'
ECMQV_SHA2	12	X'0000,000C'
GSS	13	X'0000,000D'
GSS_GEX_SHA1	11	X'0000,000B'
GSS_G1_SHA1	9	X'0000,0009'
GSS_G14_SHA1	10	X'0000,000A'
None	1	X'0000,0001'
RSA1024_SHA1	14	X'0000,000E'
RSA2048_SHA256	15	X'0000,000F'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zOut_Enc_Alg

Field Name	SMF Record	Segment Name
zOut_Enc_Alg	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-11 ENUM: zOut_Msg_Auth

Field Name	SMF Record	Segment Name
zOut_Msg_Auth	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-11 ENUM: zProt_Ver

Field Name	SMF Record	Segment Name
zProt_Ver	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
SSHv1	1	X'0000,0001'
SSHv2	2	X'0000,0002'

SMF 119-11 ENUM: zSCert_Digest_Algo

Field Name	SMF Record	Segment Name
zSCert_Digest_Algo	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Enc_Method

Field Name	SMF Record	Segment Name
zSCert_Enc_Method	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Key_Type

Field Name	SMF Record	Segment Name
zSCert_Key_Type	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Sig_Method

Field Name	SMF Record	Segment Name
zSCert_Sig_Method	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Time_Type

Field Name	SMF Record	Segment Name
zSCert_Time_Type	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
GT	2	X'0000,0002'
UTC	1	X'0000,0001'

SMF 119-11 ENUM: zSKey_Type

Field Name	SMF Record	Segment Name
zSKey_Type	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
DH	4	X'0000,0004'
DSA	3	X'0000,0003'
DSA_CERT	8	X'0000,0008'
ECC	5	X'0000,0005'
ECDSA_CERT	9	X'0000,0009'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
RSA_CERT	7	X'0000,0007'
RSA1	6	X'0000,0006'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSource

Field Name	SMF Record	Segment Name
zSource	119 (subtype 11)	SMF119#11_zERT_SSH_protocol_attributes

Display Text	Value	Hex Value
Observe	1	X'0000,0001'
Provider	2	X'0000,0002'

SMF 119-11 ENUM: zCCert_Digest_Algo

Field Name	SMF Record	Segment Name
zCCert_Digest_Algo	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Enc_Method

Field Name	SMF Record	Segment Name
zCCert_Enc_Method	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Key_Type

Field Name	SMF Record	Segment Name
zCCert_Key_Type	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Sig_Method

Field Name	SMF Record	Segment Name
zCCert_Sig_Method	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCCert_Time_Type

Field Name	SMF Record	Segment Name
zCCert_Time_Type	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
GT	2	X'0000,0002'
UTC	1	X'0000,0001'

SMF 119-11 ENUM: zCS_Enc_Algo

Field Name	SMF Record	Segment Name
zCS_Enc_Algo	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-11 ENUM: zCS_Kex_Algo

Field Name	SMF Record	Segment Name
zCS_Kex_Algo	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DH_ANON	8	X'0000,0008'
DH_ANON_EXPORT	9	X'0000,0009'
DH_DSS	7	X'0000,0007'
DH_DSS_EXPORT	10	X'0000,000A'
DH_RSA	5	X'0000,0005'
DH_RSA_EXPORT	6	X'0000,0006'
DHE_DSS	13	X'0000,000D'
DHE_DSS_EXPORT	14	X'0000,000E'
DHE_PSK	15	X'0000,000F'
DHE_RSA	11	X'0000,000B'
DHE_RSA_EXPORT	12	X'0000,000C'
ECDH_ANON	18	X'0000,0012'
ECDH_ECDSA	16	X'0000,0010'
ECDH_RSA	17	X'0000,0011'
ECDHE_ECDSA	19	X'0000,0013'
ECDHE_PSK	21	X'0000,0015'
ECDHE_RSA	20	X'0000,0014'
KRB5	22	X'0000,0016'
KRB5_EXPORT	23	X'0000,0017'
None	1	X'0000,0001'
PSK	24	X'0000,0018'
RSA	2	X'0000,0002'
RSA_EXPORT	3	X'0000,0003'
RSA_PSK	4	X'0000,0004'
SRP_SHA.	27	X'0000,001B'
SRP_SHA_DSS	26	X'0000,001A'
SRP_SHA_RSA	25	X'0000,0019'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zCS_Msg_Auth

Field Name	SMF Record	Segment Name
zCS_Msg_Auth	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-11 ENUM: zFIPS_Mode

Field Name	SMF Record	Segment Name
zFIPS_Mode	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
LVL1	2	X'0000,0002'
LVL2	3	X'0000,0003'
LVL3	4	X'0000,0004'
OFF	0	X'0000,0000'
ON	1	X'0000,0001'

SMF 119-11 ENUM: zHandshake_Role

Field Name	SMF Record	Segment Name
zHandshake_Role	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
Client	1	X'0000,0001'
Server	2	X'0000,0002'
SrvCl	3	X'0000,0003'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zHandshake_Type

Field Name	SMF Record	Segment Name
zHandshake_Type	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
Abbrev	2	X'0000,0002'
Full	1	X'0000,0001'

SMF 119-11 ENUM: zProt_Ver

Field Name	SMF Record	Segment Name
zProt_Ver	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
SSLv2	512	X'0000,0200'
SSLv3	768	X'0000,0300'
TLSv1.0	769	X'0000,0301'
TLSv1.1	770	X'0000,0302'
TLSv1.2	771	X'0000,0303'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Digest_Algo

Field Name	SMF Record	Segment Name
zSCert_Digest_Algo	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Enc_Method

Field Name	SMF Record	Segment Name
zSCert_Enc_Method	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Key_Type

Field Name	SMF Record	Segment Name
zSCert_Key_Type	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Sig_Method

Field Name	SMF Record	Segment Name
zSCert_Sig_Method	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-11 ENUM: zSCert_Time_Type

Field Name	SMF Record	Segment Name
zSCert_Time_Type	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
GT	2	X'0000,0002'
UTC	1	X'0000,0001'

SMF 119-11 ENUM: zSource

Field Name	SMF Record	Segment Name
zSource	119 (subtype 11)	SMF119#11_zERT_TLS_protocol_attributes

Display Text	Value	Hex Value
Observe	1	X'0000,0001'
Provider	2	X'0000,0002'

SMF 119-11 ENUM: zEvent_Type

Field Name	SMF Record	Segment Name
zEvent_Type	119 (subtype 11)	SMF119#11_zERT_connection_detail_common

Display Text	Value	Hex Value
zERTDis	6	X'0000,0006'
zERTEn	5	X'0000,0005'
Crypto	2	X'0000,0002'
Init	1	X'0000,0001'
Short	4	X'0000,0004'
Term	3	X'0000,0003'

SMF 119-11 ENUM: zIPProto

Field Name	SMF Record	Segment Name
zIPProto	119 (subtype 11)	SMF119#11_zERT_connection_detail_common

Display Text	Value	Hex Value
TCP	6	X'0000,0006'
UDP	17	X'0000,0011'

SMF 119-12 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 12)	SMF119#12_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-12 ENUM: zDN_Type

Field Name	SMF Record	Segment Name
zDN_Type	119 (subtype 12)	SMF119#12_zERTSumm_Distinguished_Name

Display Text	Value	Hex Value
IPSec_LCL_IDN	2	X'0000,0002'
IPSec_LCL_SDN	1	X'0000,0001'
IPSec_RMT_IDN	4	X'0000,0004'
IPSec_RMT_SDN	3	X'0000,0003'
SSH_CLI_IDN	12	X'0000,000C'
SSH_CLI_SDN	11	X'0000,000B'
SSH_SRV_IDN	10	X'0000,000A'
SSH_SRV_SDN	9	X'0000,0009'
TLS_CLI_IDN	8	X'0000,0008'
TLS_CLI_SDN	7	X'0000,0007'
TLS_SRV_IDN	6	X'0000,0006'
TLS_SRV_SDN	5	X'0000,0005'

SMF 119-12 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-12 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-12 ENUM: zEncAlg

Field Name	SMF Record	Segment Name
zEncAlg	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-12 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
Transport	2	X'0000,0002'
Tunnel	1	X'0000,0001'

SMF 119-12 ENUM: zIKETunAuthAlg

Field Name	SMF Record	Segment Name
zIKETunAuthAlg	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-12 ENUM: zIKETunDHGroup

Field Name	SMF Record	Segment Name
zIKETunDHGroup	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
Group1	1	X'0000,0001'
Group14	14	X'0000,000E'
Group19	19	X'0000,0013'
Group2	2	X'0000,0002'
Group20	20	X'0000,0014'
Group21	21	X'0000,0015'
Group24	24	X'0000,0018'
Group5	5	X'0000,0005'
None	255	X'0000,00FF'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zIKETunEncAlg

Field Name	SMF Record	Segment Name
zIKETunEncAlg	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-12 ENUM: zIKETunLclAuthMeth

Field Name	SMF Record	Segment Name
zIKETunLclAuthMeth	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
Digital_Sign	7	X'0000,0007'
ECDSA-256	4	X'0000,0004'
ECDSA-384	5	X'0000,0005'
ECDSA-521	6	X'0000,0006'
None	1	X'0000,0001'
Preshared_Key	3	X'0000,0003'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zIKETunPseudoRFunc

Field Name	SMF Record	Segment Name
zIKETunPseudoRFunc	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
AES-128-XCBC	5	X'0000,0005'
HMAC-MD5	6	X'0000,0006'
HMAC-SHA1	7	X'0000,0007'
HMAC-SHA2-256	2	X'0000,0002'
HMAC-SHA2-384	3	X'0000,0003'
HMAC-SHA2-512	4	X'0000,0004'
None	1	X'0000,0001'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zIKETunRmtAuthMeth

Field Name	SMF Record	Segment Name
zIKETunRmtAuthMeth	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
Digital_Sign	7	X'0000,0007'
ECDSA-256	4	X'0000,0004'
ECDSA-384	5	X'0000,0005'
ECDSA-521	6	X'0000,0006'
None	1	X'0000,0001'
Preshared_Key	3	X'0000,0003'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zLclCert_Digest_Alg

Field Name	SMF Record	Segment Name
zLclCert_Digest_Alg	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zLclCert_Enc_Meth

Field Name	SMF Record	Segment Name
zLclCert_Enc_Meth	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zLclCert_Key_Type

Field Name	SMF Record	Segment Name
zLclCert_Key_Type	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zLclCert_Sign_Meth

Field Name	SMF Record	Segment Name
zLclCert_Sign_Meth	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zPFSSGroup

Field Name	SMF Record	Segment Name
zPFSSGroup	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
Group1	1	X'0000,0001'
Group14	14	X'0000,000E'
Group19	19	X'0000,0013'
Group2	2	X'0000,0002'
Group20	20	X'0000,0014'
Group21	21	X'0000,0015'
Group24	24	X'0000,0018'
Group5	5	X'0000,0005'
None	255	X'0000,00FF'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zRmtCert_Digest_Alg

Field Name	SMF Record	Segment Name
zRmtCert_Digest_Alg	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zRmtCert_Enc_Meth

Field Name	SMF Record	Segment Name
zRmtCert_Enc_Meth	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zRmtCert_Key_Type

Field Name	SMF Record	Segment Name
zRmtCert_Key_Type	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zRmtCert_Sign_Meth

Field Name	SMF Record	Segment Name
zRmtCert_Sign_Meth	119 (subtype 12)	SMF119#12_zERTSumm_IPSec_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zAuth_Method

Field Name	SMF Record	Segment Name
zAuth_Method	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
CHAL_RESP	9	X'0000,0009'
CNTL_SOCK1	10	X'0000,000A'
GSSAPI_KEX	12	X'0000,000C'
GSSAPI_MIC	11	X'0000,000B'
HOST_BASED	4	X'0000,0004'
KEYB_INT	8	X'0000,0008'
NONE	1	X'0000,0001'
PASSWORD	2	X'0000,0002'
PUBLIC_KEY	3	X'0000,0003'
RHOSTS	5	X'0000,0005'
RHOSTS_RSA	6	X'0000,0006'
RSA	7	X'0000,0007'
UNKNOWN	0	X'0000,0000'

SMF 119-12 ENUM: zAuth_Method2

Field Name	SMF Record	Segment Name
zAuth_Method2	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
CHAL_RESP	9	X'0000,0009'
CNTL_SOCK1	10	X'0000,000A'
GSSAPI_KEX	12	X'0000,000C'
GSSAPI_MIC	11	X'0000,000B'
HOST_BASED	4	X'0000,0004'
KEYB_INT	8	X'0000,0008'
NONE	1	X'0000,0001'
PASSWORD	2	X'0000,0002'
PUBLIC_KEY	3	X'0000,0003'
RHOSTS	5	X'0000,0005'
RHOSTS_RSA	6	X'0000,0006'
RSA	7	X'0000,0007'
0	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Digest_Algo

Field Name	SMF Record	Segment Name
zCCert_Digest_Algo	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Enc_Method

Field Name	SMF Record	Segment Name
zCCert_Enc_Method	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Key_Type

Field Name	SMF Record	Segment Name
zCCert_Key_Type	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Sig_Method

Field Name	SMF Record	Segment Name
zCCert_Sig_Method	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCKey_Type

Field Name	SMF Record	Segment Name
zCKey_Type	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DH	4	X'0000,0004'
DSA	3	X'0000,0003'
DSA_CERT	8	X'0000,0008'
ECC	5	X'0000,0005'
ECDSA_CERT	9	X'0000,0009'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
RSA_CERT	7	X'0000,0007'
RSA1	6	X'0000,0006'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zIn_Enc_Alg

Field Name	SMF Record	Segment Name
zIn_Enc_Alg	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-12 ENUM: zIn_Msg_Auth

Field Name	SMF Record	Segment Name
zIn_Msg_Auth	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-12 ENUM: zKex_Method

Field Name	SMF Record	Segment Name
zKex_Method	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DH_GEX_SHA1	3	X'0000,0003'
DH_GEX_SHA256	2	X'0000,0002'
DH_G1_SHA1	5	X'0000,0005'
DH_G14_SHA1	4	X'0000,0004'
ECDH_SHA2_NISTP_256	6	X'0000,0006'
ECDH_SHA2_NISTP_384	7	X'0000,0007'
ECDH_SHA2_NISTP_521	8	X'0000,0008'
ECMQV_SHA2	12	X'0000,000C'
GSS	13	X'0000,000D'
GSS_GEX_SHA1	11	X'0000,000B'
GSS_G1_SHA1	9	X'0000,0009'
GSS_G14_SHA1	10	X'0000,000A'
None	1	X'0000,0001'
RSA1024_SHA1	14	X'0000,000E'
RSA2048_SHA256	15	X'0000,000F'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zOut_Enc_Alg

Field Name	SMF Record	Segment Name
zOut_Enc_Alg	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-12 ENUM: zOut_Msg_Auth

Field Name	SMF Record	Segment Name
zOut_Msg_Auth	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-12 ENUM: zProt_Ver

Field Name	SMF Record	Segment Name
zProt_Ver	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
SSHv1	1	X'0000,0001'
SSHv2	2	X'0000,0002'

SMF 119-12 ENUM: zSCert_Digest_Algo

Field Name	SMF Record	Segment Name
zSCert_Digest_Algo	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Enc_Method

Field Name	SMF Record	Segment Name
zSCert_Enc_Method	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Key_Type

Field Name	SMF Record	Segment Name
zSCert_Key_Type	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Sig_Method

Field Name	SMF Record	Segment Name
zSCert_Sig_Method	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSKey_Type

Field Name	SMF Record	Segment Name
zSKey_Type	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
DH	4	X'0000,0004'
DSA	3	X'0000,0003'
DSA_CERT	8	X'0000,0008'
ECC	5	X'0000,0005'
ECDSA_CERT	9	X'0000,0009'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
RSA_CERT	7	X'0000,0007'
RSA1	6	X'0000,0006'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSource

Field Name	SMF Record	Segment Name
zSource	119 (subtype 12)	SMF119#12_zERTSumm_SSH_attributes

Display Text	Value	Hex Value
Observe	1	X'0000,0001'
Provider	2	X'0000,0002'

SMF 119-12 ENUM: zCCert_Digest_Algo

Field Name	SMF Record	Segment Name
zCCert_Digest_Algo	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Enc_Method

Field Name	SMF Record	Segment Name
zCCert_Enc_Method	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Key_Type

Field Name	SMF Record	Segment Name
zCCert_Key_Type	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCCert_Sig_Method

Field Name	SMF Record	Segment Name
zCCert_Sig_Method	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCS_Enc_Algo

Field Name	SMF Record	Segment Name
zCS_Enc_Algo	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
ACSS	32	X'0000,0020'
AES_CBC_128	12	X'0000,000C'
AES_CBC_192	13	X'0000,000D'
AES_CBC_256	14	X'0000,000E'
AES_CCM_128	20	X'0000,0014'
AES_CCM_256	21	X'0000,0015'
AES_CCM8_128	22	X'0000,0016'
AES_CCM8_256	23	X'0000,0017'
AES_CTR_128	15	X'0000,000F'
AES_CTR_192	16	X'0000,0010'
AES_CTR_256	17	X'0000,0011'
AES_GCM_128	18	X'0000,0012'
AES_GCM_256	19	X'0000,0013'
AES_256	24	X'0000,0018'
ARCFOUR	30	X'0000,001E'
ARCFOUR_128	28	X'0000,001C'
ARCFOUR_256	29	X'0000,001D'
ARIA_128_CBC	33	X'0000,0021'
ARIA_128_GCM	35	X'0000,0023'
ARIA_256_CBC	34	X'0000,0022'
ARIA_256_GCM	36	X'0000,0024'
Blowfish	25	X'0000,0019'
Blowfish_CBC	26	X'0000,001A'
Camellia_128_CBC	37	X'0000,0025'
Camellia_128_GCM	39	X'0000,0027'
Camellia_256_CBC	38	X'0000,0026'
Camellia_256_GCM	40	X'0000,0028'
ChaCha20_Poly1305	41	X'0000,0029'
CAST_128_CBC	27	X'0000,001B'
DES	2	X'0000,0002'
DES_40	3	X'0000,0003'
Fortezza	44	X'0000,002C'
GOST28147	45	X'0000,002D'
IDEA_CBC	42	X'0000,002A'
None	1	X'0000,0001'
Rijndael_CBC	31	X'0000,001F'
RC2	7	X'0000,0007'
RC2_128	6	X'0000,0006'

RC2_40	5	X'0000,0005'
RC4	11	X'0000,000B'
RC4_128	9	X'0000,0009'
RC4_256	10	X'0000,000A'
RC4_40	8	X'0000,0008'
Serpent_CBC_128	52	X'0000,0034'
Serpent_CBC_192	51	X'0000,0033'
Serpent_CBC_256	50	X'0000,0032'
SEED_CBC	43	X'0000,002B'
TwoFish_CBC	47	X'0000,002F'
TwoFish_CBC_128	49	X'0000,0031'
TwoFish_CBC_192	48	X'0000,0030'
TwoFish_CBC_256	46	X'0000,002E'
Unknown	0	X'0000,0000'
3DES	4	X'0000,0004'

SMF 119-12 ENUM: zCS_Kex_Algo

Field Name	SMF Record	Segment Name
zCS_Kex_Algo	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DH_ANON	8	X'0000,0008'
DH_ANON_EXPORT	9	X'0000,0009'
DH_DSS	7	X'0000,0007'
DH_DSS_EXPORT	10	X'0000,000A'
DH_RSA	5	X'0000,0005'
DH_RSA_EXPORT	6	X'0000,0006'
DHE_DSS	13	X'0000,000D'
DHE_DSS_EXPORT	14	X'0000,000E'
DHE_PSK	15	X'0000,000F'
DHE_RSA	11	X'0000,000B'
DHE_RSA_EXPORT	12	X'0000,000C'
ECDH_ANON	18	X'0000,0012'
ECDH_ECDSA	16	X'0000,0010'
ECDH_RSA	17	X'0000,0011'
ECDHE_ECDSA	19	X'0000,0013'
ECDHE_PSK	21	X'0000,0015'
ECDHE_RSA	20	X'0000,0014'
KRB5	22	X'0000,0016'
KRB5_EXPORT	23	X'0000,0017'
None	1	X'0000,0001'
PSK	24	X'0000,0018'
RSA	2	X'0000,0002'
RSA_EXPORT	3	X'0000,0003'
RSA_PSK	4	X'0000,0004'
SRP_SHA.	27	X'0000,001B'
SRP_SHA_DSS	26	X'0000,001A'
SRP_SHA_RSA	25	X'0000,0019'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zCS_Msg_Auth

Field Name	SMF Record	Segment Name
zCS_Msg_Auth	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
AES-GMAC-128	9	X'0000,0009'
AES-GMAC-256	10	X'0000,000A'
AES-128-XCBC-96	11	X'0000,000B'
HMAC-MD5	3	X'0000,0003'
HMAC-MD5-96	15	X'0000,000F'
HMAC-SHA1	4	X'0000,0004'
HMAC-SHA1-96	16	X'0000,0010'
HMAC-SHA2-224	5	X'0000,0005'
HMAC-SHA2-256	6	X'0000,0006'
HMAC-SHA2-256-128	12	X'0000,000C'
HMAC-SHA2-384	7	X'0000,0007'
HMAC-SHA2-384-192	13	X'0000,000D'
HMAC-SHA2-512	8	X'0000,0008'
HMAC-SHA2-512-256	14	X'0000,000E'
MD2	2	X'0000,0002'
NoAuth	1	X'0000,0001'
RIPMD-160	19	X'0000,0013'
Unknown	0	X'0000,0000'
UMAC-128	18	X'0000,0012'
UMAC-64	17	X'0000,0011'

SMF 119-12 ENUM: zProt_Ver

Field Name	SMF Record	Segment Name
zProt_Ver	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
SSLv2	512	X'0000,0200'
SSLv3	768	X'0000,0300'
TLSv1.0	769	X'0000,0301'
TLSv1.1	770	X'0000,0302'
TLSv1.2	771	X'0000,0303'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Digest_Algo

Field Name	SMF Record	Segment Name
zSCert_Digest_Algo	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
MD2	2	X'0000,0002'
MD5	3	X'0000,0003'
None	1	X'0000,0001'
SHA-224	5	X'0000,0005'
SHA-256	6	X'0000,0006'
SHA-384	7	X'0000,0007'
SHA-512	8	X'0000,0008'
SHA1	4	X'0000,0004'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Enc_Method

Field Name	SMF Record	Segment Name
zSCert_Enc_Method	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DSA	3	X'0000,0003'
ECDSA	4	X'0000,0004'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Key_Type

Field Name	SMF Record	Segment Name
zSCert_Key_Type	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DHGroup	4	X'0000,0004'
DSA	3	X'0000,0003'
ECC	5	X'0000,0005'
None	1	X'0000,0001'
RSA	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSCert_Sig_Method

Field Name	SMF Record	Segment Name
zSCert_Sig_Method	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
DSA_SHA1	5	X'0000,0005'
DSA_SHA224	15	X'0000,000F'
DSA_SHA256	16	X'0000,0010'
ECDSA_SHA1	10	X'0000,000A'
ECDSA_SHA224	11	X'0000,000B'
ECDSA_SHA256	12	X'0000,000C'
ECDSA_SHA384	13	X'0000,000D'
ECDSA_SHA512	14	X'0000,000E'
None	1	X'0000,0001'
RSA_MD2	2	X'0000,0002'
RSA_MD5	3	X'0000,0003'
RSA_SHA1	4	X'0000,0004'
RSA_SHA224	6	X'0000,0006'
RSA_SHA256	7	X'0000,0007'
RSA_SHA384	8	X'0000,0008'
RSA_SHA512	9	X'0000,0009'
Unknown	0	X'0000,0000'

SMF 119-12 ENUM: zSource

Field Name	SMF Record	Segment Name
zSource	119 (subtype 12)	SMF119#12_zERTSumm_TLS_attributes

Display Text	Value	Hex Value
Observe	1	X'0000,0001'
Provider	2	X'0000,0002'

SMF 119-12 ENUM: zEvent_Type

Field Name	SMF Record	Segment Name
zEvent_Type	119 (subtype 12)	SMF119#12_zERTSumm_common

Display Text	Value	Hex Value
zERTDis	3	X'0000,0003'
zERTEEn	2	X'0000,0002'
Intvl	1	X'0000,0001'

SMF 119-12 ENUM: zIPProto

Field Name	SMF Record	Segment Name
zIPProto	119 (subtype 12)	SMF119#12_zERTSumm_common

Display Text	Value	Hex Value
TCP	6	X'0000,0006'
UDP	17	X'0000,0011'

SMF 119-12 ENUM: zSecProtos

Field Name	SMF Record	Segment Name
zSecProtos	119 (subtype 12)	SMF119#12_zERTSumm_common

Display Text	Value	Hex Value
IPSec	32	X'0000,0020'
None	0	X'0000,0000'
SSH	64	X'0000,0040'
TLS#SSL	128	X'0000,0080'

SMF 119-20 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 20)	SMF119#20_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-21 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 21)	SMF119#21_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-21 ENUM: zRDR

Field Name	SMF Record	Segment Name
zRDR	119 (subtype 21)	SMF119#21_TN3270E_Server_Round_Trip_Performance

Display Text	Value	Hex Value
DefResp	128	X'0000,0080'
Timemark	64	X'0000,0040'

SMF 119-21 ENUM: zLUSel

Field Name	SMF Record	Segment Name
zLUSel	119 (subtype 21)	SMF119#21_TN3270E_Server_SNA_Session_Term

Display Text	Value	Hex Value
	0	X'0000,0000'
Client	1	X'0000,0001'
Server	0	X'0000,0000'

SMF 119-21 ENUM: zSSL

Field Name	SMF Record	Segment Name
zSSL	119 (subtype 21)	SMF119#21_TN3270E_Server_SNA_Session_Term

Display Text	Value	Hex Value
	0	X'0000,0000'
FULL	4	X'0000,0004'
None	0	X'0000,0000'
NoSAF	2	X'0000,0002'
PTHRU	5	X'0000,0005'
Server	1	X'0000,0001'
SAF	3	X'0000,0003'

SMF 119-21 ENUM: zSType

Field Name	SMF Record	Segment Name
zSType	119 (subtype 21)	SMF119#21_TN3270E_Server_SNA_Session_Term

Display Text	Value	Hex Value
BINARY	5	X'0000,0005'
DBCSTRANSFORM	4	X'0000,0004'
LINEMODE	3	X'0000,0003'
TN3270	1	X'0000,0001'
TN3270E	2	X'0000,0002'
UNKNOWN	0	X'0000,0000'

SMF 119-22 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 22)	SMF119#22_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-23 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 23)	SMF119#23_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_DefaultAppl

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_DefaultAppl

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_DestIPGroup

Display Text	Value	Hex Value
IPv4	2	X'0000,0002'
IPv6	19	X'0000,0013'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_INTERPTCP

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_INTERPTCP

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 24)	SMF119#24_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_IpGroup

Display Text	Value	Hex Value
IPv4	2	X'0000,0002'
IPv6	19	X'0000,0013'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_LUMap

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_LUMap

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_LineModeAppl

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_LineModeAppl

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_MonitorMap

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_MonitorMap

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zDBG_ConfTrc_Route

Field Name	SMF Record	Segment Name
zDBG_ConfTrc_Route	119 (subtype 24)	SMF119#24_ParmsGroup

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_Conf_Route

Field Name	SMF Record	Segment Name
zDBG_Conf_Route	119 (subtype 24)	SMF119#24_ParmsGroup

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_ConnTrc_Route

Field Name	SMF Record	Segment Name
zDBG_ConnTrc_Route	119 (subtype 24)	SMF119#24_ParmsGroup

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_Conn_Route

Field Name	SMF Record	Segment Name
zDBG_Conn_Route	119 (subtype 24)	SMF119#24_ParmsGroup

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_Task_Route

Field Name	SMF Record	Segment Name
zDBG_Task_Route	119 (subtype 24)	SMF119#24_ParmsGroup

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_ParmsMap

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_ParmsMap

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_PrtDefaultAppl

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_PrtDefaultAppl

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_PrtMap

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_PrtMap

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-24 ENUM: zDBG_ConfTrc_Route

Field Name	SMF Record	Segment Name
zDBG_ConfTrc_Route	119 (subtype 24)	SMF119#24_TelnetParms

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_Conf_Route

Field Name	SMF Record	Segment Name
zDBG_Conf_Route	119 (subtype 24)	SMF119#24_TelnetParms

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_ConnTrc_Route

Field Name	SMF Record	Segment Name
zDBG_ConnTrc_Route	119 (subtype 24)	SMF119#24_TelnetParms

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_Conn_Route

Field Name	SMF Record	Segment Name
zDBG_Conn_Route	119 (subtype 24)	SMF119#24_TelnetParms

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zDBG_Task_Route

Field Name	SMF Record	Segment Name
zDBG_Task_Route	119 (subtype 24)	SMF119#24_TelnetParms

Display Text	Value	Hex Value
CONSOLE	1	X'0000,0001'
CTRACE	3	X'0000,0003'
JOBLOG	2	X'0000,0002'

SMF 119-24 ENUM: zFamily

Field Name	SMF Record	Segment Name
zFamily	119 (subtype 24)	SMF119#24_USSTCP

Display Text	Value	Hex Value
INet	2	X'0000,0002'
INet6	19	X'0000,0013'

SMF 119-24 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 24)	SMF119#24_USSTCP

Display Text	Value	Hex Value
DESTIP	7	X'0000,0007'
DIPGRP	9	X'0000,0009'
EMPTY	0	X'0000,0000'
HNAME	2	X'0000,0002'
HNGRP	5	X'0000,0005'
IPADDR	3	X'0000,0003'
IPGRP	6	X'0000,0006'
LNKGRP	10	X'0000,000A'
LNKNAME	8	X'0000,0008'
NULL	11	X'0000,000B'
USERGRP	4	X'0000,0004'
USERID	1	X'0000,0001'

SMF 119-32 ENUM: zOrigin

Field Name	SMF Record	Segment Name
zOrigin	119 (subtype 32)	SMF119#32_DVIPA_Status_Change

Display Text	Value	Hex Value
Backup	2	X'0000,0002'
Define	3	X'0000,0003'
DistTarget	6	X'0000,0006'
RangeBIND	4	X'0000,0004'
RangeOCTL	5	X'0000,0005'
Unknown	1	X'0000,0001'

SMF 119-32 ENUM: zStatus

Field Name	SMF Record	Segment Name
zStatus	119 (subtype 32)	SMF119#32_DVIPA_Status_Change

Display Text	Value	Hex Value
Active	2	X'0000,0002'
Backup	3	X'0000,0003'
Deact	6	X'0000,0006'
DeactAuto	8	X'0000,0008'
DeactLG	7	X'0000,0007'
InactAuto	10	X'0000,000A'
InactLG	9	X'0000,0009'
Moving	4	X'0000,0004'
Quiescing	5	X'0000,0005'
Unknown	1	X'0000,0001'

SMF 119-32 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 32)	SMF119#32_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-33 ENUM: zOrigin

Field Name	SMF Record	Segment Name
zOrigin	119 (subtype 33)	SMF119#33_DVIPA_Removed

Display Text	Value	Hex Value
Backup	2	X'0000,0002'
Define	3	X'0000,0003'
DistTarget	6	X'0000,0006'
RangeBIND	4	X'0000,0004'
RangeIOCTL	5	X'0000,0005'
Unknown	1	X'0000,0001'

SMF 119-33 ENUM: zStatus

Field Name	SMF Record	Segment Name
zStatus	119 (subtype 33)	SMF119#33_DVIPA_Removed

Display Text	Value	Hex Value
Active	2	X'0000,0002'
Backup	3	X'0000,0003'
Deact	6	X'0000,0006'
DeactAuto	8	X'0000,0008'
DeactLG	7	X'0000,0007'
InactAuto	10	X'0000,000A'
InactLG	9	X'0000,0009'
Moving	4	X'0000,0004'
Quiescing	5	X'0000,0005'
Unknown	1	X'0000,0001'

SMF 119-33 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 33)	SMF119#33_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-34 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 34)	SMF119#34_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-35 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 35)	SMF119#35_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-36 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 36)	SMF119#36_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-37 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 37)	SMF119#37_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-38 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 38)	SMF119#38_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-39 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 39)	SMF119#39_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-40 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 40)	SMF119#40_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-41 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 41)	SMF119#41_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-42 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 42)	SMF119#42_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-43 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 43)	SMF119#43_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-44 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 44)	SMF119#44_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-44 ENUM: zGen

Field Name	SMF Record	Segment Name
zGen	119 (subtype 44)	SMF119#44_RNIC_Interface_Statistics

Display Text	Value	Hex Value
Express	1	X'0000,0001'
Express2	2	X'0000,0002'

SMF 119-45 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 45)	SMF119#45_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-48 ENUM: zKey

Field Name	SMF Record	Segment Name
zKey	119 (subtype 48)	SMF119#48_CSSMTP_Config_Data

Display Text	Value	Hex Value
CfgFile	32	X'0000,0020'
ChkpFile	33	X'0000,0021'
DeadDir	34	X'0000,0022'
Domain	40	X'0000,0028'
Host	41	X'0000,0029'
LogFile	35	X'0000,0023'
Madmin1	36	X'0000,0024'
Madmin2	37	X'0000,0025'
Madmin3	38	X'0000,0026'
Madmin4	39	X'0000,0027'
MailDir	46	X'0000,002E'
TargSrv1	42	X'0000,002A'
TargSrv2	43	X'0000,002B'
TargSrv3	44	X'0000,002C'
TargSrv4	45	X'0000,002D'

SMF 119-48 ENUM: zBadSpool

Field Name	SMF Record	Segment Name
zBadSpool	119 (subtype 48)	SMF119#48_CSSMTP_Start_or_Refresh

Display Text	Value	Hex Value
DELETE	1	X'0000,0001'
HOLD	0	X'0000,0000'

SMF 119-48 ENUM: zChkPnt

Field Name	SMF Record	Segment Name
zChkPnt	119 (subtype 48)	SMF119#48_CSSMTP_Start_or_Refresh

Display Text	Value	Hex Value
COLDSTART	1	X'0000,0001'
NOTAVAILABLE	2	X'0000,0002'
WARMSTART	0	X'0000,0000'

SMF 119-48 ENUM: zDeadAct

Field Name	SMF Record	Segment Name
zDeadAct	119 (subtype 48)	SMF119#48_CSSMTP_Start_or_Refresh

Display Text	Value	Hex Value
DELETE	1	X'0000,0001'
STORE	0	X'0000,0000'

SMF 119-48 ENUM: zReport

Field Name	SMF Record	Segment Name
zReport	119 (subtype 48)	SMF119#48_CSSMTP_Start_or_Refresh

Display Text	Value	Hex Value
ADMIN	2	X'0000,0002'
NONE	1	X'0000,0001'
SYSOUT	0	X'0000,0000'

SMF 119-48 ENUM: zRtnTo

Field Name	SMF Record	Segment Name
zRtnTo	119 (subtype 48)	SMF119#48_CSSMTP_Start_or_Refresh

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 119-48 ENUM: zUserExit

Field Name	SMF Record	Segment Name
zUserExit	119 (subtype 48)	SMF119#48_CSSMTP_Start_or_Refresh

Display Text	Value	Hex Value
NONE	0	X'0000,0000'
VERSION2	2	X'0000,0002'
VERSION3	3	X'0000,0003'

SMF 119-48 ENUM: zSecure

Field Name	SMF Record	Segment Name
zSecure	119 (subtype 48)	SMF119#48_CSSMTP_Target_Servers

Display Text	Value	Hex Value
NO	0	X'0000,0000'
YES	1	X'0000,0001'

SMF 119-48 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 48)	SMF119#48_CSSMTP_Target_Servers

Display Text	Value	Hex Value
TargetIP	0	X'0000,0000'
TargetMX	2	X'0000,0002'
TargetName	1	X'0000,0001'

SMF 119-48 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 48)	SMF119#48_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-49 ENUM: zTLSSFP

Field Name	SMF Record	Segment Name
zTLSSFP	119 (subtype 49)	SMF119#49_CSSMTP_Connection_ID

Display Text	Value	Hex Value
LVL1	2	X'0000,0002'
LVL2	3	X'0000,0003'
LVL3	4	X'0000,0004'
OFF	0	X'0000,0000'
ON	1	X'0000,0001'

SMF 119-49 ENUM: zTLSSSP

Field Name	SMF Record	Segment Name
zTLSSSP	119 (subtype 49)	SMF119#49_CSSMTP_Connection_ID

Display Text	Value	Hex Value
SSLv2	512	X'0000,0200'
SSLv3	768	X'0000,0300'
TLSv1	769	X'0000,0301'
TLSv1.1	770	X'0000,0302'
TLSv1.2	771	X'0000,0303'

SMF 119-49 ENUM: zTrmCd

Field Name	SMF Record	Segment Name
zTrmCd	119 (subtype 49)	SMF119#49_CSSMTP_Connection_Statistics

Display Text	Value	Hex Value
ANYCMD	19	X'0000,0013'
CONNECT	11	X'0000,000B'
CONNERR	8	X'0000,0008'
CONVERT	7	X'0000,0007'
DATABUF	17	X'0000,0011'
DATACMD	16	X'0000,0010'
DATATRM	18	X'0000,0012'
INITMSG	12	X'0000,000C'
MAILCMD	14	X'0000,000E'
MAXMSG	10	X'0000,000A'
OK	0	X'0000,0000'
OVERRUN	3	X'0000,0003'
RCPTCMD	15	X'0000,000F'
RESET	2	X'0000,0002'
SECURE	9	X'0000,0009'
SOCKET	1	X'0000,0001'
XXX	6	X'0000,0006'
4XX	4	X'0000,0004'
5XX	5	X'0000,0005'

SMF 119-49 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 49)	SMF119#49_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-50 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 50)	SMF119#50_CSSMTP_Mail_Data

Display Text	Value	Hex Value
RegNote	1	X'0000,0001'
Report	3	X'0000,0003'
UndelNote	2	X'0000,0002'
UMNOTIF	4	X'0000,0004'

SMF 119-50 ENUM: zKey

Field Name	SMF Record	Segment Name
zKey	119 (subtype 50)	SMF119#50_CSSMTP_Mail_Header

Display Text	Value	Hex Value
CMDTXT	8	X'0000,0008'
DATE	5	X'0000,0005'
ERRTXT	10	X'0000,000A'
FROM	1	X'0000,0001'
MSGID	7	X'0000,0007'
RCPT	2	X'0000,0002'
RCPTRPY	3	X'0000,0003'
RPYTXT	9	X'0000,0009'
SUBJ	4	X'0000,0004'

SMF 119-50 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 50)	SMF119#50_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-51 ENUM: zUserExit

Field Name	SMF Record	Segment Name
zUserExit	119 (subtype 51)	SMF119#51_CSSMTP_Spool_Job

Display Text	Value	Hex Value
NONE	0	X'0000,0000'
VERSION2	2	X'0000,0002'
VERSION3	3	X'0000,0003'

SMF 119-51 ENUM: zRtnCd

Field Name	SMF Record	Segment Name
zRtnCd	119 (subtype 51)	SMF119#51_CSSMTP_Spool_Job_Statistics

Display Text	Value	Hex Value
Alloc	7	X'0000,0007'
APIERR	11	X'0000,000B'
EMPTY	14	X'0000,000E'
ICONV	13	X'0000,000D'
IOERROR	24	X'0000,0018'
JESCLOSE	23	X'0000,0017'
JESSIZE	15	X'0000,000F'
MAXERROR	25	X'0000,0019'
NOEBCDIC	19	X'0000,0013'
NOMAIL	22	X'0000,0016'
OPEN	8	X'0000,0008'
REQERR	10	X'0000,000A'
SAF	16	X'0000,0010'
TRANSLATE	18	X'0000,0012'
USEREXIT	21	X'0000,0015'

SMF 119-51 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 51)	SMF119#51_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-52 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 52)	SMF119#52_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-52 ENUM: zConnState

Field Name	SMF Record	Segment Name
zConnState	119 (subtype 52)	SMF119#52_Target_Server_Stats

Display Text	Value	Hex Value
Active	2	X'0000,0002'
Monitoring	3	X'0000,0003'
New	1	X'0000,0001'
NonActive	4	X'0000,0004'

SMF 119-70 ENUM: zDsType

Field Name	SMF Record	Segment Name
zDsType	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion

Display Text	Value	Hex Value
HFS	200	X'0000,00C8'
PDS	215	X'0000,00D7'
Sequential	226	X'0000,00E2'

SMF 119-70 ENUM: zFT_FSOper

Field Name	SMF Record	Segment Name
zFT_FSOper	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion

Display Text	Value	Hex Value
	0	X'0000,0000'
Append	1	X'0000,0001'
Delete	2	X'0000,0002'
Rename	3	X'0000,0003'
Retrieve	4	X'0000,0004'
Store	5	X'0000,0005'
Store Unique	6	X'0000,0006'

SMF 119-70 ENUM: zMode

Field Name	SMF Record	Segment Name
zMode	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion

Display Text	Value	Hex Value
Block	194	X'0000,00C2'
Compress	195	X'0000,00C3'
Stream	226	X'0000,00E2'

SMF 119-70 ENUM: zStruct

Field Name	SMF Record	Segment Name
zStruct	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion

Display Text	Value	Hex Value
File	198	X'0000,00C6'
Record	217	X'0000,00D9'

SMF 119-70 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion

Display Text	Value	Hex Value
ASCII	193	X'0000,00C1'
DByte	194	X'0000,00C2'
EBCDIC	197	X'0000,00C5'
Image	201	X'0000,00C9'
UCS2	228	X'0000,00E4'

SMF 119-70 ENUM: zCProtect

Field Name	SMF Record	Segment Name
zCProtect	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion_Security

Display Text	Value	Hex Value
Clear	195	X'0000,00C3'
None	213	X'0000,00D5'
Private	215	X'0000,00D7'
Safe	226	X'0000,00E2'

SMF 119-70 ENUM: zDProtect

Field Name	SMF Record	Segment Name
zDProtect	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion_Security

Display Text	Value	Hex Value
Clear	195	X'0000,00C3'
None	213	X'0000,00D5'
Private	215	X'0000,00D7'
Safe	226	X'0000,00E2'

SMF 119-70 ENUM: zFips140

Field Name	SMF Record	Segment Name
zFips140	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion_Security

Display Text	Value	Hex Value
Off	0	X'0000,0000'
On	1	X'0000,0001'
OnLev1	2	X'0000,0002'
OnLev2	3	X'0000,0003'
OnLev3	4	X'0000,0004'

SMF 119-70 ENUM: zLoginMech

Field Name	SMF Record	Segment Name
zLoginMech	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion_Security

Display Text	Value	Hex Value
Certificate	195	X'0000,00C3'
Kerberos	210	X'0000,00D2'
Password	215	X'0000,00D7'
Undefined	228	X'0000,00E4'

SMF 119-70 ENUM: zMechanism

Field Name	SMF Record	Segment Name
zMechanism	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion_Security

Display Text	Value	Hex Value
AT-TLS	193	X'0000,00C1'
GSSAPI	199	X'0000,00C7'
None	213	X'0000,00D5'
TLS	227	X'0000,00E3'

SMF 119-70 ENUM: zSessReuse

Field Name	SMF Record	Segment Name
zSessReuse	119 (subtype 70)	SMF119#70_FTP_Server_Transfer_Completion_Security

Display Text	Value	Hex Value
Allowed	193	X'0000,00C1'
None	213	X'0000,00D5'
Required	217	X'0000,00D9'

SMF 119-70 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 70)	SMF119#70_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-71 ENUM: zKey

Field Name	SMF Record	Segment Name
zKey	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_Data_Item

Display Text	Value	Hex Value
ADMAILADDR	1	X'0000,0001'
ANONHFSINFO	2	X'0000,0002'
ANONLOGMSG	3	X'0000,0003'
ANONMVSINFO	4	X'0000,0004'
BANNER	5	X'0000,0005'
BPX_JOBNAME	20	X'0000,0014'
BPXK_AUTOCVT	21	X'0000,0015'
BPXK_SETIBMOPT_TRANS	22	X'0000,0016'
CIPHERSUITE	6	X'0000,0006'
CTRLCONN	7	X'0000,0007'
DCBDSN	8	X'0000,0008'
DEBUGIPADDR	34	X'0000,0022'
DEBUGIPMASK	35	X'0000,0023'
DEBUGUSERID	33	X'0000,0021'
DUMP	9	X'0000,0009'
DUMPIPADDR	37	X'0000,0025'
DUMPIPMASK	38	X'0000,0026'
DUMPUSEID	36	X'0000,0024'
EDC_ADD_ERRNO2	23	X'0000,0017'
FTPDATA	31	X'0000,001F'
FTPXLATE_NAME	24	X'0000,0018'
HFSINFO	10	X'0000,000A'
KEYRING	11	X'0000,000B'
KRB5_SERVER_KEYTAB	25	X'0000,0019'
LANG	26	X'0000,001A'
LOGINMSG	12	X'0000,000C'
MBDATACONN_FNAME	14	X'0000,000E'
MBDATACONN_NNAME	13	X'0000,000D'
MVSINFO	15	X'0000,000F'
MVSURLKEY	16	X'0000,0010'
NLSPATH	27	X'0000,001B'
RESOLVER_CONFIG	28	X'0000,001C'
SBDATACONN_FNAME	18	X'0000,0012'
SBDATACONN_NNAME	17	X'0000,0011'
SHELL	29	X'0000,001D'
TCPIPDATA	32	X'0000,0020'
TZ	30	X'0000,001E'
VOLUME	19	X'0000,0013'

SMF 119-71 ENUM: zCondDisp

Field Name	SMF Record	Segment Name
zCondDisp	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
CATLG	195	X'0000,00C3'
DELETE	196	X'0000,00C4'

SMF 119-71 ENUM: zDSNType

Field Name	SMF Record	Segment Name
zDSNType	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
BASIC	2	X'0000,0002'
LARGE	1	X'0000,0001'
SYSTEM	0	X'0000,0000'

SMF 119-71 ENUM: zDebug

Field Name	SMF Record	Segment Name
zDebug	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
ACC	67108864	X'0400,0000'
CMD	1073741824	X'4000,0000'
ERR	536870912	X'2000,0000'
FLO	-2147483648	X'8000,0000'
FS1	8388608	X'0080,0000'
FS2	4194304	X'0040,0000'
FS3	2097152	X'0020,0000'
FS4	1048576	X'0010,0000'
FS5	524288	X'0008,0000'
FS6	262144	X'0004,0000'
FS7	131072	X'0002,0000'
FS8	65536	X'0001,0000'
INT	134217728	X'0800,0000'
JES	128	X'0000,0080'
PAR	268435456	X'1000,0000'
SEC	16777216	X'0100,0000'
SOC1	32768	X'0000,8000'
SOC2	16384	X'0000,4000'
SOC3	8192	X'0000,2000'
SOC4	4096	X'0000,1000'
SOC5	2048	X'0000,0800'
SOC6	1024	X'0000,0400'
SOC7	512	X'0000,0200'
SOC8	256	X'0000,0100'
SQL	64	X'0000,0040'
Unset	0	X'0000,0000'
UTA	32	X'0000,0020'
UTB	16	X'0000,0010'
UTC	8	X'0000,0008'
UTD	4	X'0000,0004'
UTE	2	X'0000,0002'
UTL	33554432	X'0200,0000'

SMF 119-71 ENUM: zEATTR

Field Name	SMF Record	Segment Name
zEATTR	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
NO	0	X'0000,0000'
OPT	1	X'0000,0001'

SMF 119-71 ENUM: zEncoding

Field Name	SMF Record	Segment Name
zEncoding	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
MBCS	212	X'0000,00D4'
SBCS	226	X'0000,00E2'

SMF 119-71 ENUM: zExtensions

Field Name	SMF Record	Segment Name
zExtensions	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
AUTH-GSSAPI	16	X'0000,0010'
AUTH-TLS	32	X'0000,0020'
MDTM	2	X'0000,0002'
REST-STREAM	8	X'0000,0008'
SIZE	1	X'0000,0001'
Unset	0	X'0000,0000'
UTF8	4	X'0000,0004'

SMF 119-71 ENUM: zFileType

Field Name	SMF Record	Segment Name
zFileType	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
JES	2	X'0000,0002'
SEQ	1	X'0000,0001'
SQL	3	X'0000,0003'

SMF 119-71 ENUM: zJESrefcm

Field Name	SMF Record	Segment Name
zJESrefcm	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
*	-1	X'FFFF,FFFF'
F	128	X'0000,0080'
V	64	X'0000,0040'

SMF 119-71 ENUM: zMBSendEOL

Field Name	SMF Record	Segment Name
zMBSendEOL	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
CR	1	X'0000,0001'
CRLF	0	X'0000,0000'
LF	2	X'0000,0002'
NONE	3	X'0000,0003'

SMF 119-71 ENUM: zPDSType

Field Name	SMF Record	Segment Name
zPDSType	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
PDS	215	X'0000,00D7'
PDSE	197	X'0000,00C5'
UNDEFINE	228	X'0000,00E4'

SMF 119-71 ENUM: zPasvDataConn

Field Name	SMF Record	Segment Name
zPasvDataConn	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
NOREDIREC	213	X'0000,00D5'
UNRESTRICTED	228	X'0000,00E4'

SMF 119-71 ENUM: zPortcmd

Field Name	SMF Record	Segment Name
zPortcmd	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
REJECT	217	X'0000,00D9'

SMF 119-71 ENUM: zPortcmdIPAddr

Field Name	SMF Record	Segment Name
zPortcmdIPAddr	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
NOREDIREC	213	X'0000,00D5'
UNRESTRICTED	228	X'0000,00E4'

SMF 119-71 ENUM: zPortcmdPort

Field Name	SMF Record	Segment Name
zPortcmdPort	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
NOLOWPORTS	213	X'0000,00D5'
UNRESTRICTED	228	X'0000,00E4'

SMF 119-71 ENUM: zSBSEndEOL

Field Name	SMF Record	Segment Name
zSBSEndEOL	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
CR	1	X'0000,0001'
CRLF	0	X'0000,0000'
LF	2	X'0000,0002'
NONE	3	X'0000,0003'

SMF 119-71 ENUM: zSecCtrConn

Field Name	SMF Record	Segment Name
zSecCtrConn	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
CLEAR	195	X'0000,00C3'
PRIVATE	215	X'0000,00D7'
SAFE	226	X'0000,00E2'

SMF 119-71 ENUM: zSecDataConn

Field Name	SMF Record	Segment Name
zSecDataConn	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
CLEAR	195	X'0000,00C3'
NEVER	213	X'0000,00D5'
PRIVATE	215	X'0000,00D7'
SAFE	226	X'0000,00E2'

SMF 119-71 ENUM: zSecFTP

Field Name	SMF Record	Segment Name
zSecFTP	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
ALLOWED	193	X'0000,00C1'
REQUIRED	217	X'0000,00D9'

SMF 119-71 ENUM: zSecLogin

Field Name	SMF Record	Segment Name
zSecLogin	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
NO_CLIENT_AUTH	213	X'0000,00D5'
REQUIRED	217	X'0000,00D9'
VERIFY_USER	229	X'0000,00E5'

SMF 119-71 ENUM: zSecPSW

Field Name	SMF Record	Segment Name
zSecPSW	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
OPTIONAL	214	X'0000,00D6'
REQUIRED	217	X'0000,00D9'

SMF 119-71 ENUM: zSecPSWKerb

Field Name	SMF Record	Segment Name
zSecPSWKerb	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
OPTIONAL	214	X'0000,00D6'
REQUIRED	217	X'0000,00D9'

SMF 119-71 ENUM: zSecSessReuse

Field Name	SMF Record	Segment Name
zSecSessReuse	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
ALLOWED	193	X'0000,00C1'
REQUIRED	217	X'0000,00D9'

SMF 119-71 ENUM: zSpaceType

Field Name	SMF Record	Segment Name
zSpaceType	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
BLOCK	1	X'0000,0001'
CYLINDER	2	X'0000,0002'
TRACK	3	X'0000,0003'

SMF 119-71 ENUM: zSqlcol

Field Name	SMF Record	Segment Name
zSqlcol	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
ANY	193	X'0000,00C1'
LABELS	211	X'0000,00D3'
NAMES	213	X'0000,00D5'

SMF 119-71 ENUM: zStartDir

Field Name	SMF Record	Segment Name
zStartDir	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
MVS	1	X'0000,0001'
UNIX	0	X'0000,0000'

SMF 119-71 ENUM: zTlSMec

Field Name	SMF Record	Segment Name
zTlSMec	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
ATTLs	0	X'0000,0000'
FTP	1	X'0000,0001'

SMF 119-71 ENUM: zTLsRfcLevel

Field Name	SMF Record	Segment Name
zTLsRfcLevel	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
CCNONOTIFY	2	X'0000,0002'
DRAFT	0	X'0000,0000'
RFC4217	1	X'0000,0001'

SMF 119-71 ENUM: zUnFileSysBOM

Field Name	SMF Record	Segment Name
zUnFileSysBOM	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
ALWAYS	1	X'0000,0001'
ASIS	0	X'0000,0000'
NEVER	2	X'0000,0002'

SMF 119-71 ENUM: zUnixFileType

Field Name	SMF Record	Segment Name
zUnixFileType	119 (subtype 71)	SMF119#71_FTP_Daemon_Config_General

Display Text	Value	Hex Value
FIFO	1	X'0000,0001'
FILE	0	X'0000,0000'

SMF 119-71 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 71)	SMF119#71_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-72 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure

Display Text	Value	Hex Value
Cert	9	X'0000,0009'
Client	10	X'0000,000A'
Excess	6	X'0000,0006'
Exit	5	X'0000,0005'
Expired	2	X'0000,0002'
GroupID	7	X'0000,0007'
Invalid	1	X'0000,0001'
NoAcces	4	X'0000,0004'
Revoked	3	X'0000,0003'
Term	0	X'0000,0000'
Unknown	8	X'0000,0008'

SMF 119-72 ENUM: zCProtect

Field Name	SMF Record	Segment Name
zCProtect	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure_Security

Display Text	Value	Hex Value
Clear	195	X'0000,00C3'
None	213	X'0000,00D5'
Private	215	X'0000,00D7'
Safe	226	X'0000,00E2'

SMF 119-72 ENUM: zDProtect

Field Name	SMF Record	Segment Name
zDProtect	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure_Security

Display Text	Value	Hex Value
Clear	195	X'0000,00C3'
None	213	X'0000,00D5'
Private	215	X'0000,00D7'
Safe	226	X'0000,00E2'
U	228	X'0000,00E4'

SMF 119-72 ENUM: zFips140

Field Name	SMF Record	Segment Name
zFips140	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure_Security

Display Text	Value	Hex Value
Off	0	X'0000,0000'
On	1	X'0000,0001'
OnLev1	2	X'0000,0002'
OnLev2	3	X'0000,0003'
OnLev3	4	X'0000,0004'

SMF 119-72 ENUM: zLoginMech

Field Name	SMF Record	Segment Name
zLoginMech	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure_Security

Display Text	Value	Hex Value
Certificate	195	X'0000,00C3'
Kerberos	227	X'0000,00E3'
Password	215	X'0000,00D7'
Undetermined	64	X'0000,0040'

SMF 119-72 ENUM: zMechanism

Field Name	SMF Record	Segment Name
zMechanism	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure_Security

Display Text	Value	Hex Value
AT-TLS	193	X'0000,00C1'
GSSAPI	199	X'0000,00C7'
None	213	X'0000,00D5'
TLS	227	X'0000,00E3'

SMF 119-72 ENUM: zSessReuse

Field Name	SMF Record	Segment Name
zSessReuse	119 (subtype 72)	SMF119#72_FTP_Server_Logon_Failure_Security

Display Text	Value	Hex Value
Allowed	193	X'0000,00C1'
Required	217	X'0000,00D9'

SMF 119-72 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 72)	SMF119#72_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-73 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-73 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-73 ENUM: zExchangeMode

Field Name	SMF Record	Segment Name
zExchangeMode	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AGGRESSIVE	4	X'0000,0004'
MAIN	2	X'0000,0002'
N/A	0	X'0000,0000'

SMF 119-73 ENUM: zExtState

Field Name	SMF Record	Segment Name
zExtState	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
ACTIVATE	1	X'0000,0001'
REFRESH	2	X'0000,0002'

SMF 119-73 ENUM: zLclNotAfterType

Field Name	SMF Record	Segment Name
zLclNotAfterType	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
Coordinated Universal Time (UTC)	1	X'0000,0001'
Generalized Time (GT)	2	X'0000,0002'

SMF 119-73 ENUM: zLocalAuthMethod

Field Name	SMF Record	Segment Name
zLocalAuthMethod	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
DS	7	X'0000,0007'
ECDSA_256	4	X'0000,0004'
ECDSA_384	5	X'0000,0005'
ECDSA_521	6	X'0000,0006'
PRESHAREDKEY	3	X'0000,0003'
RSASIGNATURE	2	X'0000,0002'

SMF 119-73 ENUM: zNATTLLevel

Field Name	SMF Record	Segment Name
zNATTLLevel	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
NONE	0	X'0000,0000'
RFC	4	X'0000,0004'
RFCD2	1	X'0000,0001'
RFCD3	3	X'0000,0003'
V2	6	X'0000,0006'
V2ZOS	7	X'0000,0007'
ZOS	5	X'0000,0005'

SMF 119-73 ENUM: zPeerAuthMethod

Field Name	SMF Record	Segment Name
zPeerAuthMethod	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
ECDSA_256	4	X'0000,0004'
ECDSA_384	5	X'0000,0005'
ECDSA_521	6	X'0000,0006'
PRESHAREDKEY	3	X'0000,0003'
RSASIGNATURE	2	X'0000,0002'

SMF 119-73 ENUM: zPseudoRandomFunc

Field Name	SMF Record	Segment Name
zPseudoRandomFunc	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-73 ENUM: zRmtNotAfterType

Field Name	SMF Record	Segment Name
zRmtNotAfterType	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
Coordinated Universal Time (UTC)	1	X'0000,0001'
Generalized Time (GT)	2	X'0000,0002'

SMF 119-73 ENUM: zRole

Field Name	SMF Record	Segment Name
zRole	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
INITIATOR	1	X'0000,0001'
RESPONDER	2	X'0000,0002'

SMF 119-73 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 73)	SMF119#73_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-73 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 73)	SMF119#73_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-74 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-74 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-74 ENUM: zExchangeMode

Field Name	SMF Record	Segment Name
zExchangeMode	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AGGRESSIVE	4	X'0000,0004'
MAIN	2	X'0000,0002'
N/A	0	X'0000,0000'

SMF 119-74 ENUM: zExtState

Field Name	SMF Record	Segment Name
zExtState	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
DEACT	3	X'0000,0003'
NOINS	8	X'0000,0008'
OTHER	7	X'0000,0007'
POLICY	6	X'0000,0006'
PROPOSAL	4	X'0000,0004'
RETRANS	5	X'0000,0005'

SMF 119-74 ENUM: zLclNotAfterType

Field Name	SMF Record	Segment Name
zLclNotAfterType	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
Coordinated Universal Time (UTC)	1	X'0000,0001'
Generalized Time (GT)	2	X'0000,0002'

SMF 119-74 ENUM: zLocalAuthMethod

Field Name	SMF Record	Segment Name
zLocalAuthMethod	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
DS	7	X'0000,0007'
ECDSA_256	4	X'0000,0004'
ECDSA_384	5	X'0000,0005'
ECDSA_521	6	X'0000,0006'
PRESHAREDKEY	3	X'0000,0003'
RSASIGNATURE	2	X'0000,0002'

SMF 119-74 ENUM: zNATTLevel

Field Name	SMF Record	Segment Name
zNATTLevel	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
NONE	0	X'0000,0000'
RFC	4	X'0000,0004'
RFCD2	1	X'0000,0001'
RFCD3	3	X'0000,0003'
V2	6	X'0000,0006'
V2ZOS	7	X'0000,0007'
ZOS	5	X'0000,0005'

SMF 119-74 ENUM: zPeerAuthMethod

Field Name	SMF Record	Segment Name
zPeerAuthMethod	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
ECDSA_256	4	X'0000,0004'
ECDSA_384	5	X'0000,0005'
ECDSA_521	6	X'0000,0006'
PRESHAREDKEY	3	X'0000,0003'
RSASIGNATURE	2	X'0000,0002'

SMF 119-74 ENUM: zPseudoRandomFunc

Field Name	SMF Record	Segment Name
zPseudoRandomFunc	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-74 ENUM: zRmtNotAfterType

Field Name	SMF Record	Segment Name
zRmtNotAfterType	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
Coordinated Universal Time (UTC)	1	X'0000,0001'
Generalized Time (GT)	2	X'0000,0002'

SMF 119-74 ENUM: zRole

Field Name	SMF Record	Segment Name
zRole	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
INITIATOR	1	X'0000,0001'
RESPONDER	2	X'0000,0002'

SMF 119-74 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 74)	SMF119#74_IPSec_IKE_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-74 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 74)	SMF119#74_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-75 ENUM: zActMethod

Field Name	SMF Record	Segment Name
zActMethod	119 (subtype 75)	SMF119#75_IPSec_Dynamic_Tunnel

Display Text	Value	Hex Value
AUTOACT	6	X'0000,0006'
ONDEMAND	3	X'0000,0003'
REMOTE	2	X'0000,0002'
TAKEOVER	5	X'0000,0005'
USER	1	X'0000,0001'

SMF 119-75 ENUM: zExtState

Field Name	SMF Record	Segment Name
zExtState	119 (subtype 75)	SMF119#75_IPSec_IKE_Dynamic_Tunnel

Display Text	Value	Hex Value
ACTIVATE	1	X'0000,0001'
DEACT	3	X'0000,0003'
NOINS	8	X'0000,0008'
OTHER	7	X'0000,0007'
POLICY	6	X'0000,0006'
PROPOSAL	4	X'0000,0004'
REFRESH	2	X'0000,0002'
RETRANS	5	X'0000,0005'

SMF 119-75 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 75)	SMF119#75_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-75 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 75)	SMF119#75_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-75 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 75)	SMF119#75_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
TRANSPORT	2	X'0000,0002'
TUNNEL	1	X'0000,0001'

SMF 119-75 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 75)	SMF119#75_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-75 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 75)	SMF119#75_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-75 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 75)	SMF119#75_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
IKE	3	X'0000,0003'
MANUAL	1	X'0000,0001'
STACK	2	X'0000,0002'

SMF 119-75 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 75)	SMF119#75_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-76 ENUM: zActMethod

Field Name	SMF Record	Segment Name
zActMethod	119 (subtype 76)	SMF119#76_IPSec_Dynamic_Tunnel

Display Text	Value	Hex Value
AUTOACT	6	X'0000,0006'
ONDEMAND	3	X'0000,0003'
REMOTE	2	X'0000,0002'
TAKEOVER	5	X'0000,0005'
USER	1	X'0000,0001'

SMF 119-76 ENUM: zExtState

Field Name	SMF Record	Segment Name
zExtState	119 (subtype 76)	SMF119#76_IPSec_IKE_Dynamic_Tunnel

Display Text	Value	Hex Value
ACTIVATE	1	X'0000,0001'
DEACT	3	X'0000,0003'
NOINS	8	X'0000,0008'
OTHER	7	X'0000,0007'
POLICY	6	X'0000,0006'
PROPOSAL	4	X'0000,0004'
REFRESH	2	X'0000,0002'
RETRANS	5	X'0000,0005'

SMF 119-76 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 76)	SMF119#76_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-76 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 76)	SMF119#76_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-76 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 76)	SMF119#76_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
TRANSPORT	2	X'0000,0002'
TUNNEL	1	X'0000,0001'

SMF 119-76 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 76)	SMF119#76_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-76 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 76)	SMF119#76_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-76 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 76)	SMF119#76_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
IKE	3	X'0000,0003'
MANUAL	1	X'0000,0001'
STACK	2	X'0000,0002'

SMF 119-76 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 76)	SMF119#76_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-77 ENUM: zActMethod

Field Name	SMF Record	Segment Name
zActMethod	119 (subtype 77)	SMF119#77_IPSec_Dynamic_Tunnel

Display Text	Value	Hex Value
AUTOACT	6	X'0000,0006'
ONDEMAND	3	X'0000,0003'
REMOTE	2	X'0000,0002'
TAKEOVER	5	X'0000,0005'
USER	1	X'0000,0001'

SMF 119-77 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 77)	SMF119#77_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-77 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 77)	SMF119#77_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-77 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 77)	SMF119#77_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
TRANSPORT	2	X'0000,0002'
TUNNEL	1	X'0000,0001'

SMF 119-77 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 77)	SMF119#77_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-77 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 77)	SMF119#77_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-77 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 77)	SMF119#77_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
IKE	3	X'0000,0003'
MANUAL	1	X'0000,0001'
STACK	2	X'0000,0002'

SMF 119-77 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 77)	SMF119#77_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-78 ENUM: zActMethod

Field Name	SMF Record	Segment Name
zActMethod	119 (subtype 78)	SMF119#78_IPSec_Dynamic_Tunnel

Display Text	Value	Hex Value
AUTOACT	6	X'0000,0006'
ONDEMAND	3	X'0000,0003'
REMOTE	2	X'0000,0002'
TAKEOVER	5	X'0000,0005'
USER	1	X'0000,0001'

SMF 119-78 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 78)	SMF119#78_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-78 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 78)	SMF119#78_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-78 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 78)	SMF119#78_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
TRANSPORT	2	X'0000,0002'
TUNNEL	1	X'0000,0001'

SMF 119-78 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 78)	SMF119#78_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-78 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 78)	SMF119#78_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-78 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 78)	SMF119#78_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
IKE	3	X'0000,0003'
MANUAL	1	X'0000,0001'
STACK	2	X'0000,0002'

SMF 119-78 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 78)	SMF119#78_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-79 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 79)	SMF119#79_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-79 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 79)	SMF119#79_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-79 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 79)	SMF119#79_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
TRANSPORT	2	X'0000,0002'
TUNNEL	1	X'0000,0001'

SMF 119-79 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 79)	SMF119#79_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-79 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 79)	SMF119#79_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-79 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 79)	SMF119#79_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
IKE	3	X'0000,0003'
MANUAL	1	X'0000,0001'
STACK	2	X'0000,0002'

SMF 119-79 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 79)	SMF119#79_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-80 ENUM: zAuthAlg

Field Name	SMF Record	Segment Name
zAuthAlg	119 (subtype 80)	SMF119#80_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_GMAC_128	4	X'0000,0004'
AES_GMAC_256	6	X'0000,0006'
AES128_XCBC	18	X'0000,0012'
AES128_XCBC_96	9	X'0000,0009'
HMAC_MD5	38	X'0000,0026'
HMAC_MD5_96	40	X'0000,0028'
HMAC_SHA1	39	X'0000,0027'
HMAC_SHA1_96	41	X'0000,0029'
HMAC_SHA2_256	15	X'0000,000F'
HMAC_SHA2_256_128	7	X'0000,0007'
HMAC_SHA2_384	16	X'0000,0010'
HMAC_SHA2_384_192	13	X'0000,000D'
HMAC_SHA2_512	17	X'0000,0011'
HMAC_SHA2_512_256	14	X'0000,000E'
NULL	0	X'0000,0000'

SMF 119-80 ENUM: zAuthProto

Field Name	SMF Record	Segment Name
zAuthProto	119 (subtype 80)	SMF119#80_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AH	51	X'0000,0033'
ESP	50	X'0000,0032'

SMF 119-80 ENUM: zEncapMode

Field Name	SMF Record	Segment Name
zEncapMode	119 (subtype 80)	SMF119#80_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
TRANSPORT	2	X'0000,0002'
TUNNEL	1	X'0000,0001'

SMF 119-80 ENUM: zEncryptAlg

Field Name	SMF Record	Segment Name
zEncryptAlg	119 (subtype 80)	SMF119#80_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
AES_CBC	12	X'0000,000C'
AES_GCM_16	20	X'0000,0014'
DES	18	X'0000,0012'
NONE	0	X'0000,0000'
NULL	11	X'0000,000B'
3DES	3	X'0000,0003'

SMF 119-80 ENUM: zState

Field Name	SMF Record	Segment Name
zState	119 (subtype 80)	SMF119#80_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
ACTIVE	2	X'0000,0002'
DEACT	1	X'0000,0001'
EXPIRED	3	X'0000,0003'

SMF 119-80 ENUM: zType

Field Name	SMF Record	Segment Name
zType	119 (subtype 80)	SMF119#80_IPSec_IP_Tunnel_Common

Display Text	Value	Hex Value
IKE	3	X'0000,0003'
MANUAL	1	X'0000,0001'
STACK	2	X'0000,0002'

SMF 119-80 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 80)	SMF119#80_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 119-81 ENUM: zACTION

Field Name	SMF Record	Segment Name
zACTION	119 (subtype 81)	SMF119#81_IDS_3270_Common

Display Text	Value	Hex Value
CON	12	X'0000,000C'
None	1	X'0000,0001'
Sense	2	X'0000,0002'
SYS	8	X'0000,0008'
Term	3	X'0000,0003'

SMF 119-81 ENUM: zReason

Field Name	SMF Record	Segment Name
zReason	119 (subtype 81)	SMF119#81_Identification

Display Text	Value	Hex Value
Evt	8	X'0000,0008'
EvtInc	72	X'0000,0048'
Int	128	X'0000,0080'
IntInc	192	X'0000,00C0'
IEnd	32	X'0000,0020'
IEndInc	96	X'0000,0060'
ISht	16	X'0000,0010'
IShtInc	80	X'0000,0050'

SMF 120-1 ENUM: zCSO

Field Name	SMF Record	Segment Name
zCSO	120 (subtype 1)	SMF120#01_Comms

Display Text	Value	Hex Value
HTTP encrypted session	6	X'0000,0006'
HTTP session	5	X'0000,0005'
Local communications	1	X'0000,0001'
Message-driven bean session	7	X'0000,0007'
Remote communications	2	X'0000,0002'
Remote encrypted (SSL)	3	X'0000,0003'
Remote within sysplex	4	X'0000,0004'

SMF 120-1 ENUM: zATY

Field Name	SMF Record	Segment Name
zATY	120 (subtype 1)	SMF120#01_Server_Activity

Display Text	Value	Hex Value
Method request	1	X'0000,0001'
Transaction	2	X'0000,0002'

SMF 120-1 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 1)	SMF120#01_WebSphere_Server_Activity

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-3 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 3)	SMF120#03_WebSphere_Server_Interval

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-5 ENUM: zJB3

Field Name	SMF Record	Segment Name
zJB3	120 (subtype 5)	SMF120#05_Bean

Display Text	Value	Hex Value
BMP entity	4	X'0000,0004'
CMP entity	5	X'0000,0005'
Message-driven	6	X'0000,0006'
Stateful session	3	X'0000,0003'
Stateless session	2	X'0000,0002'
Value: 0 Unknown	0	X'0000,0000'
Value: 7 Unknown	7	X'0000,0007'
Value: 8 Unknown	8	X'0000,0008'
Value: 9 Unknown	9	X'0000,0009'

SMF 120-5 ENUM: zJB7

Field Name	SMF Record	Segment Name
zJB7	120 (subtype 5)	SMF120#05_Bean

Display Text	Value	Hex Value
Not reentrant within transaction	0	X'0000,0000'
Reentrant within transaction	1	X'0000,0001'
Value: 2 Unknown	2	X'0000,0002'
Value: 3 Unknown	3	X'0000,0003'

SMF 120-5 ENUM: zJM5

Field Name	SMF Record	Segment Name
zJM5	120 (subtype 5)	SMF120#05_Bean_Method

Display Text	Value	Hex Value
TX_BEAN_MANAGED	1	X'0000,0001'
TX_MANDATORY	5	X'0000,0005'
TX_NEVER	6	X'0000,0006'
TX_NOT_SUPPORTED	0	X'0000,0000'
TX_REQUIRED	2	X'0000,0002'
TX_REQUIRES_NEW	4	X'0000,0004'
TX_SUPPORTS	3	X'0000,0003'

SMF 120-5 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 5)	SMF120#05_WebSphere_J2EE_Activity

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-6 ENUM: zJB3

Field Name	SMF Record	Segment Name
zJB3	120 (subtype 6)	SMF120#06_Bean

Display Text	Value	Hex Value
BMP entity	4	X'0000,0004'
CMP entity	5	X'0000,0005'
Message-driven	6	X'0000,0006'
Stateful session	3	X'0000,0003'
Stateless session	2	X'0000,0002'
Value: 0 Unknown	0	X'0000,0000'
Value: 7 Unknown	7	X'0000,0007'
Value: 8 Unknown	8	X'0000,0008'
Value: 9 Unknown	9	X'0000,0009'

SMF 120-6 ENUM: zJB7

Field Name	SMF Record	Segment Name
zJB7	120 (subtype 6)	SMF120#06_Bean

Display Text	Value	Hex Value
Not reentrant within transaction	0	X'0000,0000'
Reentrant within transaction	1	X'0000,0001'
Value: 2 Unknown	2	X'0000,0002'
Value: 3 Unknown	3	X'0000,0003'

SMF 120-6 ENUM: zJM5

Field Name	SMF Record	Segment Name
zJM5	120 (subtype 6)	SMF120#06_Bean_Method

Display Text	Value	Hex Value
TX_BEAN_MANAGED	1	X'0000,0001'
TX_MANDATORY	5	X'0000,0005'
TX_NEVER	6	X'0000,0006'
TX_NOT_SUPPORTED	0	X'0000,0000'
TX_REQUIRED	2	X'0000,0002'
TX_REQUIRES_NEW	4	X'0000,0004'
TX_SUPPORTS	3	X'0000,0003'

SMF 120-6 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 6)	SMF120#06_WebSphere_J2EE_Interval

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-7 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 7)	SMF120#07_WebSphere_WebCont_Activity

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-8 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 8)	SMF120#08_WebSphere_WebCont_Interval

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-9 ENUM: zEU

Field Name	SMF Record	Segment Name
zEU	120 (subtype 9)	SMF120#09_CPU_Usage

Display Text	Value	Hex Value
EJB	1	X'0000,0001'
Web	2	X'0000,0002'

SMF 120-9 ENUM: zEM

Field Name	SMF Record	Segment Name
zEM	120 (subtype 9)	SMF120#09_Classification

Display Text	Value	Hex Value
??? (0)	0	X'0000,0000'
Application	1	X'0000,0001'
Class	4	X'0000,0004'
Component	3	X'0000,0003'
CICS imported transaction name	12	X'0000,000C'
Message listener port	9	X'0000,0009'
Method	5	X'0000,0005'
Module	2	X'0000,0002'
Optimized Local Adapters (OLA)	11	X'0000,000B'
Selector	10	X'0000,000A'
Target host	7	X'0000,0007'
Target port	8	X'0000,0008'
URI	6	X'0000,0006'

SMF 120-9 ENUM: zCK

Field Name	SMF Record	Segment Name
zCK	120 (subtype 9)	SMF120#09_PFM_Neut_Req

Display Text	Value	Hex Value
HTTP	2	X'0000,0002'
HTTPS	3	X'0000,0003'
Internal	11	X'0000,000B'
IIOF	1	X'0000,0001'
MBean	9	X'0000,0009'
MDB Plan A (listening in controller)	4	X'0000,0004'
MDB Plan B (listening in servant)	5	X'0000,0005'
MDB Plan C (listening in adjunct)	6	X'0000,0006'
Not known	0	X'0000,0000'
Optimized Local Adapters (OLA)	12	X'0000,000C'
OTS	10	X'0000,000A'
SIP	7	X'0000,0007'
SIPS	8	X'0000,0008'

SMF 120-9 ENUM: zEQ

Field Name	SMF Record	Segment Name
zEQ	120 (subtype 9)	SMF120#09_Security

Display Text	Value	Hex Value
Invocation	3	X'0000,0003'
Received	2	X'0000,0002'
Server	1	X'0000,0001'

SMF 120-9 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 9)	SMF120#09_WebSphere_Request_Activity

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 120-9 ENUM: zFR

Field Name	SMF Record	Segment Name
zFR	120 (subtype 9)	SMF120#09_zOS_Req

Display Text	Value	Hex Value
heapdump	2	X'0000,0002'
javacore	1	X'0000,0001'
javatdump	5	X'0000,0005'
none	0	X'0000,0000'
svcdump	4	X'0000,0004'
traceback	3	X'0000,0003'

SMF 120-9 ENUM: zFS

Field Name	SMF Record	Segment Name
zFS	120 (subtype 9)	SMF120#09_zOS_Req

Display Text	Value	Hex Value
heapdump	2	X'0000,0002'
javacore	1	X'0000,0001'
javatdump	5	X'0000,0005'
none	0	X'0000,0000'
svcdump	4	X'0000,0004'
traceback	3	X'0000,0003'

SMF 120-9 ENUM: zFT

Field Name	SMF Record	Segment Name
zFT	120 (subtype 9)	SMF120#09_zOS_Req

Display Text	Value	Hex Value
heapdump	2	X'0000,0002'
javacore	1	X'0000,0001'
javatdump	5	X'0000,0005'
none	0	X'0000,0000'
svcdump	4	X'0000,0004'
traceback	3	X'0000,0003'

SMF 120-9 ENUM: zFU

Field Name	SMF Record	Segment Name
zFU	120 (subtype 9)	SMF120#09_zOS_Req

Display Text	Value	Hex Value
??? (0)	0	X'0000,0000'
servant	1	X'0000,0001'
session	2	X'0000,0002'

SMF 120-10 ENUM: zCK

Field Name	SMF Record	Segment Name
zCK	120 (subtype 10)	SMF120#10_Comm_OutReq

Display Text	Value	Hex Value
unknown	0	X'0000,0000'
OTMA	2	X'0000,0002'
WOLA	1	X'0000,0001'

SMF 120-10 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	120 (subtype 10)	SMF120#10_WebSphere_Outbound_Request

Display Text	Value	Hex Value
Container activity	2	X'0000,0002'
Container interval	4	X'0000,0004'
J2EE container activity	5	X'0000,0005'
J2EE container interval	6	X'0000,0006'
Outbound Request	10	X'0000,000A'
Request Activity	9	X'0000,0009'
Server activity	1	X'0000,0001'
Server interval	3	X'0000,0003'
WebContainer activity	7	X'0000,0007'
WebContainer interval	8	X'0000,0008'

SMF 123-1 ENUM: REQ_TYPE

Field Name	SMF Record	Segment Name
REQ_TYPE	123 (subtype 1)	SMF123#01_V2_Request_Data

Display Text	Value	Hex Value
Admin	3	X'0000,0003'
API	1	X'0000,0001'
Service	2	X'0000,0002'
Unknown	0	X'0000,0000'

SMF 124-1 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	124 (subtype 1)	SMF124#01_IOS_Link_Diagnostic_Information

Display Text	Value	Hex Value
Endpoint security authentication key update	3	X'0000,0003'
Endpoint security encryption key update	4	X'0000,0004'
Endpoint security information	2	X'0000,0002'
External key manager event record	5	X'0000,0005'
Link diagnostic information	1	X'0000,0001'

SMF 124-1 ENUM: zPortType

Field Name	SMF Record	Segment Name
zPortType	124 (subtype 1)	SMF124#01_Port

Display Text	Value	Hex Value
Channel	1	X'0000,0001'
CU	4	X'0000,0004'
Entry Switch	2	X'0000,0002'
Exit Switch	3	X'0000,0003'

SMF 124-1 ENUM: zReportSrc

Field Name	SMF Record	Segment Name
zReportSrc	124 (subtype 1)	SMF124#01_Port

Display Text	Value	Hex Value
Periodic Monitoring	1	X'0000,0001'
Unknown	0	X'0000,0000'

SMF 124-2 ENUM: zCHPIDCAPABILITY

Field Name	SMF Record	Segment Name
zCHPIDCAPABILITY	124 (subtype 2)	SMF124#02_Endpoint_Security_Status

Display Text	Value	Hex Value
Auth	1	X'0000,0001'
Encrypt	2	X'0000,0002'
NoSec	0	X'0000,0000'

SMF 124-2 ENUM: zEPSEC_CURR

Field Name	SMF Record	Segment Name
zEPSEC_CURR	124 (subtype 2)	SMF124#02_Endpoint_Security_Status

Display Text	Value	Hex Value
Auth	1	X'0000,0001'
Encrypt	2	X'0000,0002'
NoSec	0	X'0000,0000'

SMF 124-2 ENUM: zREPORTSRC

Field Name	SMF Record	Segment Name
zREPORTSRC	124 (subtype 2)	SMF124#02_Endpoint_Security_Status

Display Text	Value	Hex Value
Periodic Monitoring	1	X'0000,0001'
Unknown	0	X'0000,0000'

SMF 124-2 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	124 (subtype 2)	SMF124#02_IOS_Endpoint_Security_Information

Display Text	Value	Hex Value
Endpoint security authentication key update	3	X'0000,0003'
Endpoint security encryption key update	4	X'0000,0004'
Endpoint security information	2	X'0000,0002'
External key manager event record	5	X'0000,0005'
Link diagnostic information	1	X'0000,0001'

SMF 124-3 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	124 (subtype 3)	SMF124#03_IOS_Endpoint_Security_Authentication

Display Text	Value	Hex Value
Endpoint security authentication key update	3	X'0000,0003'
Endpoint security encryption key update	4	X'0000,0004'
Endpoint security information	2	X'0000,0002'
External key manager event record	5	X'0000,0005'
Link diagnostic information	1	X'0000,0001'

SMF 124-4 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	124 (subtype 4)	SMF124#04_IOS_Endpoint_Security_Encryption

Display Text	Value	Hex Value
Endpoint security authentication key update	3	X'0000,0003'
Endpoint security encryption key update	4	X'0000,0004'
Endpoint security information	2	X'0000,0002'
External key manager event record	5	X'0000,0005'
Link diagnostic information	1	X'0000,0001'

SMF 124-5 ENUM: zSTYe

Field Name	SMF Record	Segment Name
zSTYe	124 (subtype 5)	SMF124#05_IOS_External_Key_Manager

Display Text	Value	Hex Value
Endpoint security authentication key update	3	X'0000,0003'
Endpoint security encryption key update	4	X'0000,0004'
Endpoint security information	2	X'0000,0002'
External key manager event record	5	X'0000,0005'
Link diagnostic information	1	X'0000,0001'

SMF 200 ENUM: zBackward

Field Name	SMF Record	Segment Name
zBackward	200	SMF200_05_File_Open

Display Text	Value	Hex Value
	0	X'0000,0000'
BWD	1	X'0000,0001'

SMF 200 ENUM: zDisp

Field Name	SMF Record	Segment Name
zDisp	200	SMF200_05_File_Open

Display Text	Value	Hex Value
	0	X'0000,0000'
MOD	1	X'0000,0001'

SMF 200 ENUM: zOpen

Field Name	SMF Record	Segment Name
zOpen	200	SMF200_05_File_Open

Display Text	Value	Hex Value
INPUT	1	X'0000,0001'
OUTPUT	0	X'0000,0000'

SMF 200 ENUM: zOpen

Field Name	SMF Record	Segment Name
zOpen	200	SMF200_06_File_Close

Display Text	Value	Hex Value
INPUT	1	X'0000,0001'
OUTPUT	0	X'0000,0000'

SMF 200 ENUM: zTemp

Field Name	SMF Record	Segment Name
zTemp	200	SMF200_06_File_Close

Display Text	Value	Hex Value
	0	X'0000,0000'
TEMP	1	X'0000,0001'

SMF 200 ENUM: zXMem

Field Name	SMF Record	Segment Name
zXMem	200	SMF200_07_File_Purge

Display Text	Value	Hex Value
	0	X'0000,0000'
XMEM	1	X'0000,0001'

SMF 200 ENUM: zSubTyps

Field Name	SMF Record	Segment Name
zSubTyps	200	SMF200_CA_SPOOL

Display Text	Value	Hex Value
SUBTYPES=NO	0	X'0000,0000'
SUBTYPES=YES	1	X'0000,0001'

SMF 208 ENUM: zIPRCF

Field Name	SMF Record	Segment Name
zIPRCF	208	SMF208_SYNCSORT

Display Text	Value	Hex Value
F	241	X'0000,00F1'
FB	242	X'0000,00F2'
FBA	247	X'0000,00F7'
FBS	243	X'0000,00F3'
V	244	X'0000,00F4'
VB	245	X'0000,00F5'
VBS	246	X'0000,00F6'
VS	248	X'0000,00F8'

SMF 208 ENUM: zOPRCF

Field Name	SMF Record	Segment Name
zOPRCF	208	SMF208_SYNCSORT

Display Text	Value	Hex Value
F	241	X'0000,00F1'
FB	242	X'0000,00F2'
FBA	247	X'0000,00F7'
FBS	243	X'0000,00F3'
V	244	X'0000,00F4'
VB	245	X'0000,00F5'
VBS	246	X'0000,00F6'
VS	248	X'0000,00F8'

SMF 208 ENUM: zWKDVT

Field Name	SMF Record	Segment Name
zWKDVT	208	SMF208_SYNCSORT

Display Text	Value	Hex Value
----	0	X'0000,0000'
3330	3	X'0000,0003'
3330-11	4	X'0000,0004'
3340	5	X'0000,0005'
3350	7	X'0000,0007'
3375	1	X'0000,0001'
3380	6	X'0000,0006'
3390	2	X'0000,0002'

SMF 208 ENUM: zCHINC

Field Name	SMF Record	Segment Name
zCHINC	208	SMF208_SYNCSORT_SORTWK_CHBG

Display Text	Value	Hex Value
	0	X'0000,0000'
FORCED INCORE	17	X'0000,0011'
INCORE	1	X'0000,0001'

SMF 208 ENUM: zCHOU

Field Name	SMF Record	Segment Name
zCHOU	208	SMF208_SYNCSORT_SORTWK_CHBG

Display Text	Value	Hex Value
OVER	214	X'0000,00D6'
UNDER	228	X'0000,00E4'

SMF 208 ENUM: zCHSM

Field Name	SMF Record	Segment Name
zCHSM	208	SMF208_SYNCSORT_SORTWK_CHBG

Display Text	Value	Hex Value
MERGE	212	X'0000,00D4'
SORT	226	X'0000,00E2'

SMF 208 ENUM: zSAS

Field Name	SMF Record	Segment Name
zSAS	208	SMF208_SYNCSORT_SORTWK_CHBG

Display Text	Value	Hex Value
	0	X'0000,0000'
PROC SYNCSORT	17	X'0000,0011'
SAS SORT	16	X'0000,0010'

SMF 208 ENUM: zWKWDB

Field Name	SMF Record	Segment Name
zWKWDB	208	SMF208_SYNCSORT_SORTWK_CHBG

Display Text	Value	Hex Value
----	0	X'0000,0000'
3330	3	X'0000,0003'
3330-11	4	X'0000,0004'
3340	5	X'0000,0005'
3350	7	X'0000,0007'
3375	1	X'0000,0001'
3380	6	X'0000,0006'
3390	2	X'0000,0002'