SYSVIEW Performance Management 16.0
CA RS 2108 Service List

Service	Description	Type
LU01709	ICH408I USER(GSVVCAPI) ISSUING DB2 XNET COMMANDS	PTF
LU02000	CICS TS 6.1 ETP13 OPEN BETA SUPPORT	PTF
LU02016	IMS TRANSACTION RECORDS HAVE BAD SYNCDATE/TIME FOR FAST PATH	PTF
LU02032	SMF DATA NOT COLLECTED AFTER DYNEXIT UPDATE	PTF
LU02125	ABEND S0C4 ISSUING MQ COMMANDS IN XSYSTEM MODE	PTF
LU02191	NEW PRODUCT MODULE ANALYSIS AND Z/OS UPDATES	PTF
The CA RS 2108 service count for this release is 6		

FMID	Service	Description	Type
CNM4G00	LU01709	ICH408I USER(GSVVCAPI) ISSUING DB2 XNET COMMANDS	PTF
	LU02000	CICS TS 6.1 ETP13 OPEN BETA SUPPORT	PTF
	LU02016	IMS TRANSACTION RECORDS HAVE BAD SYNCDATE/TIME FOR FAST PATH	PTF
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	LU02125	ABEND S0C4 ISSUING MQ COMMANDS IN XSYSTEM MODE	PTF
	LU02191	NEW PRODUCT MODULE ANALYSIS AND Z/OS UPDATES	PTF
The CA RS 2108 service count for this FMID is 6			

Service	Details
LU01709	LU01709 M.C.S. ENTRIES = ++PTF (LU01709) ICH408I USER(GSVVCAPI) ISSUING DB2 XNET COMMANDS PROBLEM DESCRIPTION: When issuing DB2 XNET commands from a SYSVIEW capture, an error is received because it tries to generate a passticket for user ID GSVVCAPI. To address this a new "DB2XNET-Userid" option is being added to the System Configuration Options member. This option controls the DB2XNET Userid used to generate passtickets for capture requests. Once this PTF is installed, users will need to add new System Configuration option DB2XNET-Userid to their *.CNM4SCFG library GSVXssid member. If DB2XNET-Userid is not specified then the security user ID for the SYSVUSER STC will be used to generate the passtickets for capture requests. SYMPTOMS: Issuing a command such as DBTHACT from a SYSVIEW capture task resulted in RACF errors: IRR012I VERIFICATION FAILED. USER PROFILE NOT FOUND. and SYSVIEW capture error DB20006E Agent xxxxxxxxxxxxxx request START failed - XNet reason 00000121 User ID verify error IMPACT: Security violation issuing DB2 XNET commands from a CAPTURE and results in command failure using user ID GSVVCAPI. CIRCUMVENTION: Rather than allowing access for GSVVCAPI to generate passtickets a user can execute the DB2 command via GSVXBAT and save the command output to a file. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13938 Copyright (C) 2021 CA. All rights reserved. R00212-NM4160-SP0 DESC(ICH408I USER(GSVVCAPI) ISSUING DB2 XNET COMMANDS). ++VER (Z038) FMID (CNM4G00) PRE (LU00951 LU00958 SO09059 SO10098 SO10316 SO10421 SO10853 SO11865 SO12721 SO14533 SO15210 SO15274) SUP (LT01709 SO11798 ST11798) ++HOLD (LU01709) SYSTEM FMID(CNM4G00) REASON (ACTION) DATE (21182) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | Before Restart | +----------+----------+ |PURPOSE | To implement the new configuration option | +----------+----------+ |USERS | All users of SYSVIEW | |AFFECTED | |

Service	Details
	+----------+--+ |KNOWLEDGE | Product Administration | |REQUIRED | | +----------+--+ |ACCESS | Product Libraries | |REQUIRED | | +----------+--+ ********** * STEPS TO PERFORM * ********** Once this PTF is installed, users will need to add new System Configuration option DB2XNET-Userid to their *.CNM4SCFG library GSVXssid member. If DB2XNET-Userid is not specified then the security user ID for the SYSVUSER STC will be used to generate the passtickets for capture requests. If you wish to specify a DB2XNET-Userid to be used when generating passtickets you will need to specify an 8 character ID for the new option. DB2XNET-Userid userid).

Service	Details
LU02000	LU02000 M.C.S. ENTRIES = ++PTF (LU02000) CICS TS 6.1 ETP13 OPEN BETA SUPPORT ENHANCEMENT DESCRIPTION: Compatibility support for IBM CICS Transaction Server (TS) version 6.1 ETP13 Open Beta. In addition to CICS TS 6.1 ETP13 Open Beta support, the following enhancements were added: 1. Words Matter updates. IBM CICS has made updates to terms that do not promote the use of inclusive language in IT. SYSVIEW has also made the following updates to match the changes made by IBM CICS: Old Term New Term -------- -------- Master Main Slave Worker The following commands were updated to use the new terms: CKTCB, CSIT, CTRACE 2. Enhanced CICS transaction detail (CTRANLOG) SMF record formatter. The CICS transaction detail (CTRANLOG) SMF record formatter was updated to show TS queue names in hex format in addition to the previously existing character format. A "QueueNameHex" field was added to "Temporary Storage" section to show the hex formatted TS queue names. 3. Enhanced log stream browse commands to support GROUP processing. The following commands were updated to support logical GROUP processing: * CEITLOG, CSYSDATA, CTRANLOG, CTRANSUM, XLOG The following updates were made to the above commands: * Add syntax parameter: GROUP Specifies a logical group name of type CICSPLEX that contains a list of CICS jobnames to be displayed. Syntax: GROUP group If this parameter is not specified then the CICSGROUP profile setting is used as the default. * Add "Group" to the FILTER input panel. * Update the processing of syntax parameter: JOBNAME Specifies the jobname that is to be displayed. Syntax: JOBNAME jobname | group The jobname can be specified as a group (in addition to the previously existing specific and generic jobnames): Logical group name containing a list of CICS jobnames. Logical group type = CICSPLEX * Syntax: >group Note, for XLOG these updates only apply to Owner CICS records. 4. CICS Unit-of-work time monitoring. The following updates were made to monitor the elapsed time a unit-of-work (UOW) has been in its current state or since the start of the UOW: * Added UOWTime field to CTASKS. Specifies the elapsed time or age of the unit-of-work. This is the time since the UOW entered its current state, or since the start of the UOW. This is a real-time only metric. No historical information is

Service	Details
	maintained since the execution time only exists while the transaction is executing. A real-time or dynamic threshold definition can be created and will be evaluated in real-time. Metric: UOWTIME * Added UOWTIME data collection metric. 5. CICS file UNENABLED status. The following updates were made to allow a CICS files to correctly display a status of UNENABLED: * Updated the "Enabled" field on the CFILES command to show "UNENABLE" for a CICS file that is UNENABLED. * Updated the "EnaStatus" field on the CDATATBL command to show "UNENABLE" for a CICS file that is UNENABLED. * Updated the FILEENA data collection metric to show "UNENABLED" for a CICS file that is UNENABLED. * Updated the FILEENA definition in the CSTATES parmlib member to add STATE UNENABLED, which defaults to STATUS WARNING. If you have customized the CSTATES definitions, it is recommended that you add the STATE UNENABLED definition to the SITE parmlib member (cold start) or CSTATES command (warm start). 6. Enhanced CJVMSERV command with new fields. The following fields were added to the CJVMSERV command: Field Description ---------- ------------------------------ CodeUsed Code cache memory used CodeAlloc Code cache memory allocated DataUsed Data cache memory used DataAlloc Data cache memory allocated ClassUsed Class storage memory used ClassAlloc Class storage memory allocated 7. Enhanced CSIT command to display new CICS SIT parameter. The CSIT command was updated to display the following new CICS System Initialization Table (SIT) parameter: Parameter Description ---------- ------------------------------ SDTMEMLIMIT Shared data table memory limit PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13596 Copyright (C) 2021 CA. All rights reserved. R00218-NM4160-SP0 DESC(CICS TS 6.1 ETP13 OPEN BETA SUPPORT). ++VER (Z038) FMID (CNM4G00) PRE (LU00409 LU00527 LU00548 LU00595 LU00630 LU00849 LU00894 LU00951 LU01005 LU01064 LU01511 SO09059 SO09589 SO10098 SO10316 SO10680 SO10710 SO11028 SO11553 SO11875 SO11898 SO12125 SO12200 SO12816 SO13072 SO13538 SO13751 SO13989 SO14361 SO14533 SO14894 SO14964 SO15081 SO15206 SO15210 SO15790 SO16018 SO16108 SO16292 SO16310) SUP (BS12816 LT02000 SO09772 SO11959 SO13612 ST09772 ST11959 ST13612) ++HOLD (LU02000) SYSTEM FMID(CNM4G00)

Service	Details
	REASON (ENH) DATE (21189) COMMENT (+----------+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW for CICS | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | CICS Systems Programming | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | Ability to run SYSVIEW for CICS transactions | +----------+----------+ ********** * STEPS TO PERFORM * ********** ENHANCEMENT DESCRIPTION: Compatibility support for IBM CICS Transaction Server (TS) version 6.1 ETP13 Open Beta. In addition to CICS TS 6.1 ETP13 Open Beta support, the following enhancements were added: 1. Words Matter updates. IBM CICS has made updates to terms that do not promote the use of inclusive language in IT. SYSVIEW has also made the following updates to match the changes made by IBM CICS: Old Term New Term -------- -------- Master Main Slave Worker The following commands were updated to use the new terms: CKTCB, CSIT, CTRACE 2. Enhanced CICS transaction detail (CTRANLOG) SMF record formatter. The CICS transaction detail (CTRANLOG) SMF record formatter was updated to show TS queue names in hex format in addition to the previously existing character format. A "QueueNameHex" field was added to "Temporary Storage" section to show the hex formatted TS queue names. 3. Enhanced log stream browse commands to support GROUP processing. The following commands were updated to support logical GROUP processing: * CEITLOG, CSYSDATA, CTRANLOG, CTRANSUM, XLOG The following updates were made to the above commands: * Add syntax parameter: GROUP Specifies a logical group name of type CICSPLEX that contains a list of CICS jobnames to be displayed. Syntax: GROUP group If this parameter is not specified then the CICSGROUP profile setting is used as the default. * Add "Group" to the FILTER input panel.

Service	Details
	* Update the processing of syntax parameter: JOBNAME Specifies the jobname that is to be displayed. Syntax: JOBNAME jobname | group The jobname can be specified as a group (in addition to the previously existing specific and generic jobnames): Logical group name containing a list of CICS jobnames. Logical group type = CICSPLEX * Syntax: >group Note, for XLOG these updates only apply to Owner CICS records. 4. CICS Unit-of-work time monitoring. The following updates were made to monitor the elapsed time a unit-of-work (UOW) has been in its current state or since the start of the UOW: * Added UOWTime field to CTASKS. Specifies the elapsed time or age of the unit-of-work. This is the time since the UOW entered its current state, or since the start of the UOW. This is a real-time only metric. No historical information is maintained since the execution time only exists while the transaction is executing. A real-time or dynamic threshold definition can be created and will be evaluated in real-time. Metric: UOWTIME * Added UOWTIME data collection metric. 5. CICS file UNENABLED status. The following updates were made to allow a CICS files to correctly display a status of UNENABLED: * Updated the "Enabled" field on the CFILES command to show "UNENABLE" for a CICS file that is UNENABLED. * Updated the "EnaStatus" field on the CDATATBL command to show "UNENABLE" for a CICS file that is UNENABLED. * Updated the FILEENA data collection metric to show "UNENABLED" for a CICS file that is UNENABLED. * Updated the FILEENA definition in the CSTATES parmlib member to add STATE UNENABLED, which defaults to STATUS WARNING. If you have customized the CSTATES definitions, it is recommended that you add the STATE UNENABLED definition to the SITE parmlib member (cold start) or CSTATES command (warm start). 6. Enhanced CJVMSERV command with new fields. The following fields were added to the CJVMSERV command: Field Description ---------- ------------------------------ CodeUsed Code cache memory used CodeAlloc Code cache memory allocated DataUsed Data cache memory used DataAlloc Data cache memory allocated ClassUsed Class storage memory used ClassAlloc Class storage memory allocated 7. Enhanced CSIT command to display new CICS SIT parameter. The CSIT command was updated to display the following new CICS System Initialization Table (SIT) parameter: Parameter Description ---------- ------------------------------ SDTMEMLIMIT Shared data table memory limit).

Service	Details
	++HOLD (LU02000) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (21189) COMMENT (+----------+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW for CICS | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | CICS Systems Programming | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | Ability to run SYSVIEW for CICS transactions | +----------+----------+ ********** * STEPS TO PERFORM * ********** If your System Configuration Options member (GSVXssid) specifies 'Option-CEAPM Yes' then: After applying this fix any monitored CICS regions must be recycled to pick up the change. If your System Configuration Options member (GSVXssid) specifies 'Option-CEAPM No' then: After applying this fix either recycle any monitored CICS regions to pick up the change, or the following steps can be followed to implement the change dynamically: 1. Use the GSVT (terminate) transaction to stop SYSVIEW for CICS in each CICS region. 2. Use the GSVS (start) transaction to bring SYSVIEW for CICS back up in the CICS region.).

Service	Details
LU02016	LU02016 M.C.S. ENTRIES = ++PTF (LU02016) IMS TRANSACTION RECORDS HAVE BAD SYNCDATE/TIME FOR FAST PATH PROBLEM DESCRIPTION: In the IMS Transaction Detail record (subtype 34) for a Fast Path transaction, the following fields will contain bad data: IMTR_CLK_SYNCDATE DS PL4 Sync-point date YYYYDDDF IMTR_CLK_SYNCTIME DS XL8 Sync-point time UTC The data was being overlaid by IMTR_CLK_MPP_CPU. To obtain the elapsed time for the dependent region, all Fast Path transactions should reference a new field called IMTR_CLK_IFP_CPU instead of IMTR_CLK_MPP_CPU. SYMPTOMS: Field IMTR_CLK_SYNCDATE will contain x'00000000' and the first 4 bytes of IMTR_CLK_SYNCTIME will not contain a valid UTC time in TIME DEC format (HHMMSSth). IMPACT: Any reporting that attempts to reference these fields will be unable to determine the last SYNCPOINT date and time for a Fast Path transaction. CIRCUMVENTION: n/a PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14134 Copyright (C) 2021 CA. All rights reserved. R00219-NM4160-SP0 DESC(IMS TRANSACTION RECORDS HAVE BAD SYNCDATE/TIME FOR FAST PATH). ++VER (Z038) FMID (CNM4G00) PRE (SO10098 SO11642 SO13240) SUP (LT02016) ++HOLD (LU02016) SYSTEM FMID(CNM4G00) REASON (DOC) DATE (21193) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+ ********** * PUBLICATION * ********** Any customized reports that were referencing field IMTR_CLK_MPP_CPU in the transaction detail record (subtype 34) will now need to use field IMTR_CLK_IFP_CPU for Fast Path transactions. Fast Path transactions will have flag IMTR_TRN_FPath set.).

Service	Details
LU02032	LU02032 M.C.S. ENTRIES = ++PTF (LU02032) SMF DATA NOT COLLECTED AFTER DYNEXIT UPDATE PROBLEM DESCRIPTION: Even after applying PTF LU01687 to resolve a problem where SMF records were not being collected by SYSVIEW, an additional situation has been discovered that also results in SYSVIEW not collecting SMF records for the IEFU83 and IEFU84 dynamic exits. When changing the exits dynamically where IEFU83 and IEFU84 become inactive while IEFU86 is active, SYSVIEW will stop collecting all SMF records that it shows as being logged to the log stream. This problem relates to a condition where SYSVIEW SMFDATA collection was not checking if the IEFU83 and IEFU84 exits were active. SYMPTOMS: SYSVIEW SMFDATA collection stops after dynamic changes to IEFU8* exits. IMPACT: SMF records not being collected by SYSVIEW even though dynamic exits are installed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14153 Copyright (C) 2021 CA. All rights reserved. R00220-NM4160-SP0 DESC(SMF DATA NOT COLLECTED AFTER DYNEXIT UPDATE). ++VER (Z038) FMID (CNM4G00) PRE (LU00894 SO09059 SO10680 SO11875 SO16108) SUP (LT00838 LT01687 LT02032 LU00838 LU01687)

Service	Details
LU02125	LU02125 M.C.S. ENTRIES = ++PTF (LU02125) ABEND S0C4 ISSUING MQ COMMANDS IN XSYSTEM MODE PROBLEM DESCRIPTION: Possible abend S0C4-04 issuing MQQPERF in cross-system (XSYSTEM) mode. This fix also addresses a problem when running MQ commands in SYSTEM or XSYSTEM mode, where an unnecessary target address space switch was being performed based on the users profile setting for MQTGTDEF. SYMPTOMS: Abend after issuing MQQPERF in cross-system mode. Messages similar to the following are seen issuing MQ commands in SYSTEM or XSYSTEM mode. GSVX451E Abend S0C4-04 in MQQPERF command GSVX452I SYSVIEW SRB in control at entry to abend GSVX453I Diagnostics for SRB in control at entry to abend GSVX457I Psw 078C0000 BBB55E9A Ilc 4 Intc 04 GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module GSVSQPRF Addr 3BB55000 Offset 00000E9A GSVX450I FixLvl BASE GSVX473I Routne UPDX$$ Addr 3BB55E10 Offset 0000008A GSVX459I Data at PSW addr 3BB55E94 GSVX460I D00850D0 E004B914 00DE9500 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_00000000 00000000_3B8F8CEC GSVX467I R2-R3 00000000_3B2DAD01 00000000_3B005A18 GSVX467I R4-R5 00000000_00000054 00000000_0000004F GSVX467I R6-R7 00000000_3B9B6C90 00000000_00000000 GSVX467I R8-R9 00000000_3BBDE160 00000000_3BB5E060 GSVX467I R10-R11 00000000_3BB593F8 00000000_3B005000 GSVX467I R12-R13 00000000_3BB55E10 00000000_3B8A3B78 GSVX467I R14-R15 00000000_00000000 00000000_3BB55E10 GSVX475I Access registers at entry to abend GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX454I Diagnostics for SYSVIEW TCB/RB at last interrupt GSVX457I Psw 070C0000 8116338E Ilc 2 Intc 01 GSVX477I Key 0 State SUP Am 31 Asc PRI The unnecessary ASID switch results in message MQSR007I Switched to qmgr CSXX cpf CSXX in ASID 01E0 job CSXXMSTR This message will no longer be generated since the address space switch will not occur. IMPACT: Command fails and dump is produced. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14219 Copyright (C) 2021 CA. All rights reserved. R00221-NM4160-SP0 DESC(ABEND S0C4 ISSUING MQ COMMANDS IN XSYSTEM MODE).

Service	Details
	++VER (Z038)
	FMID (CNM4G00)
	PRE (LU01064 SO09589 SO11028 SO11122 SO11361 SO12050)
	SUP (AS11361 LT02125 SO14363 ST14363)

Service	Details
LU02191	LU02191 M.C.S. ENTRIES = ++PTF (LU02191) NEW PRODUCT MODULE ANALYSIS AND Z/OS UPDATES ENHANCEMENT DESCRIPTION: This feature PTF adds product module analysis commands that compare the current run-time loadlib with maintenance data found in your product SMP/E installation CSI. In addition, this PTF contains several other z/OS related updates. This feature PTF contains the following enhancements and changes: 1. New product module analysis commands. Product module analysis combines module identification information from your run-time loadlib with maintenance data found in your product SMP/E installation CSI. Product module analysis provides the ability to: * Display the current module identification information for each module in your product run-time loadlib. * Compare the run-time module's fix level and the RMID found in the SMP/E CSI to determine if the module's maintenance level is correct. * Using the SYSVIEW Cross System component, you can compare the run-time modules on each LPAR. The following updates were made for product module analysis: * New system configuration option called DSN-SYSTEM-CSI that specifies the name of the SYSVIEW SMP/E CSI data set. It is recommended to add this option to your system configuration parmlib member to take full advantage of the product module analysis feature. * New CSIQUERY command that formats and displays data returned from and SMP/E CSI GIMAPI QUERY command request. Detailed information can be viewed from any SMP/E CSI data set. * New MODIDS command that compares the module identification information found in Broadcom product load modules from your run-time loadlib with maintenance data found in your product SMP/E installation CSI data set. Differences between the run-time and SMP/E are reported. Detailed information can be viewed for any Broadcom product that is installed with SMP/E and utilizes the standard Broadcom module identification header. * New SMPE menu that contains CSIQUERY and MODIDS commands. * Updated the MVS menu to link to the new SMPE menu. * Updated the ADMIN menu to link to the new SMPE menu. 2. SMF record formatter and ISV assignment updates. Several SMF record formatters were updated to display new or existing information in SMF records that were previously not displayed by SYSVIEW. These formatters are driven by drilling down into an SMF record from the SMFLOG command. The following updates were made: * SMF type 30 Several new or existing fields are now formatted and displayed from the following sections: Automatic Restart Management Counter Data CPU Accounting Identification I/O Activity Performance

Service	Details
	Storage and Paging zEDC Usage Statistics * SMF type 70 subtype 2 Added support for formatting SMF record type 70 subtype 2. Several fields in the following sections are now formatted and displayed: Cryptographic CCA Coprocessor ICSF Services * SMF type 74 subtype 1, 4 Several new or existing I/O related fields are now formatted and displayed. * SMF type 89 One new Tailored Fit Pricing Solution Id related field is now being formatted and displayed. * SMF type 90 subtype 40 Several new or existing System Recovery Boost related fields are now formatted and displayed. * SMF type 92 subtype 12, 13 One new 64-bit storage map related field is now being formatted and displayed. The SMF extended record types above type 255 have reserved assignments similar to the standard SMF record types. The following updates were made to indicate the assignment of extended record types: * Updated the IBM column on both the SMFDATA and the SMFTYPE commands to show a value of ISV for extended SMF records types 1536-2047. The value of ISV indicates that the record type is reserved for Independent Software Vendor use. 3. JES updates. The following updates were made to JES related commands: * Added PCNVT and SCNVT line commands to the JPLEX command to stop and start the conversion phase processing of a JES2 member. * Added JES2 destination validation prior to altering the destination to the following commands: JHELDQUE, JJOBQUE, JOBSUM, JOUTQUE, JTRANQUE, LISTINP If the destination cannot be validated, a GSV3701W message is issued. * Added a JESSET JOB function named ZAP to remove all traces of a job structure from the JES2 job queue by a specified JES job number or JES job Id. This is being secured with a new ZAPJ action code in the Jobnames section of security. This action is failed by default. * Added a ZAP line command to remove all traces of a job structure from the JES2 job queue to the following commands: JHELDQUE, JJOBQUE, JOBSUM, JOUTQUE, JTRANQUE, LISTINP * Added a Compress field to the JOUTCLAS command to indicate if data being written to an output class is being compressed. * Added an AllFiles toggle in the information area to control if all input and output JES files are displayed to the following commands: JOUTPUTW, LISTFILE, OUTPUT 4. USS updates. The following updates were made to Unix System Services related commands: * New UFSMNT and UFSUMNT function commands to mount and unmount Unix file systems. * Added line commands MOUNT, UNMOUNT, and UNMIMMED to mount, unmount, and immediately unmount file systems to the DSCAT command.

Service	Details
	* Added line commands UNMOUNT and UNMIMMED to unmount and immediately unmount file systems to the UFILESYS command. 5. z/OS updates. The following updates were made to z/OS related commands: * Added a VolC field to the DSCAT command to indicate the volume count of a data set residing on DASD. * Added the following parameters to the IPLINFO command display: ICSF - Specifies the suffix of the ICSF on z/OS, CSFPRMxx ICSFPROC - Specifies the name of the ICSF started task PROC SOLUT - Specifies the Tailored Fit Pricing Solution Id * Added a ArchLv field to the OPCODES command to indicate the z/Architecture level where the instruction was introduced. 6. STATE and THRESHOLD parmlib documentation updates. The following updates were made to all STATE and THRESHOLD parmlib members: * Documented the associated schedule event for metric groups. * Provided documentation and examples for metric resource values. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13470 Copyright (C) 2021 CA. All rights reserved. R00222-NM4160-SP0 DESC(NEW PRODUCT MODULE ANALYSIS AND Z/OS UPDATES). ++VER (Z038) FMID (CNM4G00) PRE (LU00395 LU00517 LU00527 LU00548 LU00595 LU00630 LU00849 LU00894 LU00933 LU00951 LU00958 LU01005 LU01064 LU01071 LU01353 LU01511 LU01709 LU01855 LU01896 LU02000 SO08681 SO08743 SO08793 SO08894 SO09059 SO09589 SO09632 SO09844 SO10098 SO10197 SO10316 SO10421 SO10497 SO10588 SO10680 SO10853 SO11028 SO11632 SO11642 SO11683 SO11865 SO11875 SO12050 SO12051 SO12125 SO12163 SO12200 SO12406 SO12629 SO12816 SO13116 SO13364 SO13408 SO13538 SO13701 SO13927 SO13989 SO14411 SO14533 SO14761 SO14768 SO14894 SO15081 SO15206 SO15210 SO15546 SO15790 SO16018 SO16034 SO16035 SO16108 SO16292) SUP (LT02191 SO08544 SO10484 SO12354 SO12381 SO12580 ST08544 ST10484 ST12354 ST12381 ST12580) ++HOLD (LU02191) SYSTEM FMID(CNM4G00) REASON (ACTION) DATE (21211) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the enhancement | +----------+----------+ |USERS | | |AFFECTED | All users of SYSVIEW | +----------+----------+ |KNOWLEDGE | |

Service	Details
	|REQUIRED	Product administration | +----------+----------+ |ACCESS	Product libraries
REQUIRED	Ability to run SYSVIEW for CICS transactions | +----------+----------+ ********** * STEPS TO PERFORM * ********** * - ** This Feature PTF requires that the security dataset be refreshed using the security conversion program. 1. Apply the PTF. 2. Stop any CICS regions being monitored by SYSVIEW, or use the GSVT (terminate) transaction to stop SYSVIEW for CICS within the region. 3. Stop the SYSVIEW STCs, GSSA, and any user sessions. 4. Deploy the PTF to your run-time libraries. 5. Add the new System Configuration option DSN-SYSTEM-CSI to the *.CNM4SCFG library GSVXssid member. Specify the SYSVIEW product SMP/E CSI data set name on this option, or a value of NONE (default). 6. Run Security Conversion JCL contained in CNM4BSAM member GSVUCSEC. 7. Start the SYSVIEW STCs, GSSA, and any user sessions. 8. Start any CICS regions being monitored by SYSVIEW, or use the GSVS (start) transaction to start SYSVIEW for CICS within the region. Note: While this PTF does not introduce new CICS features, there were updates to common components between SYSVIEW and CICS that require SYSVIEW in CICS to be stopped and started. * -). ++HOLD (LU02191) SYSTEM FMID(CNM4G00) REASON (ENH) DATE (21211) COMMENT (+----------+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE	After Apply | +----------+----------+ |PURPOSE	Describe the new features | +----------+----------+ |USERS	
AFFECTED	All users of SYSVIEW	 +----------+----------+ 	KNOWLEDGE	
REQUIRED	Product administration	 +----------+----------+ 	ACCESS	
REQUIRED	Product libraries | +----------+----------+ ********** * STEPS TO PERFORM * ********** ENHANCEMENT DESCRIPTION: This feature PTF adds product module analysis commands that compare the current run-time loadlib with maintenance data found in your product SMP/E installation CSI. In addition, this PTF contains several other

Service	Details
	z/OS related updates. This feature PTF contains the following enhancements and changes: 1. New product module analysis commands. Product module analysis combines module identification information from your run-time loadlib with maintenance data found in your product SMP/E installation CSI. Product module analysis provides the ability to: * Display the current module identification information for each module in your product run-time loadlib. * Compare the run-time module's fix level and the RMID found in the SMP/E CSI to determine if the module's maintenance level is correct. * Using the SYSVIEW Cross System component, you can compare the run-time modules on each LPAR. The following updates were made for product module analysis: * New system configuration option called DSN-SYSTEM-CSI that specifies the name of the SYSVIEW SMP/E CSI data set. It is recommended to add this option to your system configuration parmlib member to take full advantage of the product module analysis feature. * New CSIQUERY command that formats and displays data returned from and SMP/E CSI GIMAPI QUERY command request. Detailed information can be viewed from any SMP/E CSI data set. * New MODIDS command that compares the module identification information found in Broadcom product load modules from your run-time loadlib with maintenance data found in your product SMP/E installation CSI data set. Differences between the run-time and SMP/E are reported. Detailed information can be viewed for any Broadcom product that is installed with SMP/E and utilizes the standard Broadcom module identification header. * New SMPE menu that contains CSIQUERY and MODIDS commands. * Updated the MVS menu to link to the new SMPE menu. * Updated the ADMIN menu to link to the new SMPE menu. 2. SMF record formatter and ISV assignment updates. Several SMF record formatters were updated to display new or existing information in SMF records that were previously not displayed by SYSVIEW. These formatters are driven by drilling down into an SMF record from the SMFLOG command. The following updates were made: * SMF type 30 Several new or existing fields are now formatted and displayed from the following sections: Automatic Restart Management Counter Data CPU Accounting Identification I/O Activity Performance Storage and Paging zEDC Usage Statistics * SMF type 70 subtype 2 Added support for formatting SMF record type 70 subtype 2. Several fields in the following sections are now formatted and displayed: Cryptographic CCA Coprocessor ICSF Services

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	* SMF type 74 subtype 1, 4 Several new or existing I/O related fields are now formatted and displayed. * SMF type 89 One new Tailored Fit Pricing Solution Id related field is now being formatted and displayed. * SMF type 90 subtype 40 Several new or existing System Recovery Boost related fields are now formatted and displayed. * SMF type 92 subtype 12, 13 One new 64-bit storage map related field is now being formatted and displayed. The SMF extended record types above type 255 have reserved assignments similar to the standard SMF record types. The following updates were made to indicate the assignment of extended record types: * Updated the IBM column on both the SMFDATA and the SMFTYPE commands to show a value of ISV for extended SMF records types 1536-2047. The value of ISV indicates that the record type is reserved for Independent Software Vendor use. 3. JES updates. The following updates were made to JES related commands: * Added PCNVT and SCNVT line commands to the JPLEX command to stop and start the conversion phase processing of a JES2 member. * Added JES2 destination validation prior to altering the destination to the following commands: JHELDQUE, JJOBQUE, JOBSUM, JOUTQUE, JTRANQUE, LISTINP If the destination cannot be validated, a GSV3701W message is issued. * Added a JESSET JOB function named ZAP to remove all traces of a job structure from the JES2 job queue by a specified JES job number or JES job Id. This is being secured with a new ZAPJ action code in the Jobnames section of security. This action is failed by default. * Added a ZAP line command to remove all traces of a job structure from the JES2 job queue to the following commands: JHELDQUE, JJOBQUE, JOBSUM, JOUTQUE, JTRANQUE, LISTINP * Added a Compress field to the JOUTCLAS command to indicate if data being written to an output class is being compressed. * Added an AllFiles toggle in the information area to control if all input and output JES files are displayed to the following commands: JOUTPUTW, LISTFILE, OUTPUT 4. USS updates. The following updates were made to Unix System Services related commands: * New UFSMNT and UFSUMNT function commands to mount and unmount Unix file systems. * Added line commands MOUNT, UNMOUNT, and UNMIMMED to mount, unmount, and immediately unmount file systems to the DSCAT command. * Added line commands UNMOUNT and UNMIMMED to unmount and immediately unmount file systems to the UFILESYS command. 5. z/OS updates. The following updates were made to z/OS related commands: * Added a VolC field to the DSCAT command to indicate the volume count of a data set residing on DASD.

Service	Details
	* Added the following parameters to the IPLINFO command display: ICSF - Specifies the suffix of the ICSF on z/OS, CSFPRMxx ICSFPROC - Specifies the name of the ICSF started task PROC SOLUT - Specifies the Tailored Fit Pricing Solution Id * Added a ArchLv field to the OPCODES command to indicate the z/Architecture level where the instruction was introduced. 6. STATE and THRESHOLD parmlib documentation updates. The following updates were made to all STATE and THRESHOLD parmlib members: * Documented the associated schedule event for metric groups. * Provided documentation and examples for metric resource values.).

Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00

The CA RS 2108 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2108	LU02191	CNM4G00
	LU02125	CNM4G00
	LU02032	CNM4G00
	LU02016	CNM4G00
	LU02000	CNM4G00
	LU01709	CNM4G00
CAR2107	LU01896	CNM4G00
	LU01855	CNM4G00
	LU01826	CNM4G00
	LU01773	CNM4G00
	LU01687	CNM4G00
	LU01568	CNM4G00
	LU01522	CNM4G00
	LU01511	CNM4G00
	LU01501	CNM4G00
	LU01276	CNM4G00
CAR2106	LU01394	CNM4G00
	LU01368	CNM4G00
	LU01353	CNM4G00
	LU01337	CNM4G00
	LU01138	CNM4G00
	LU01095	CNM4G00
CAR2105	LU01112	CNM4G00
	LU01098	CNM4G00
	LU01071	CNM4G00
	LU01064	CNM4G00
	LU01050	CNM4G00
	LU01005	CNM4G00
	LU00958	CNM4G00
	LU00951	CNM4G00
	LU00933	CNM4G00
	LU00919	CNM4G00
	LU00894	CNM4G00
	LU00849	CNM4G00
	LU00838	CNM4G00
	LU00806	CNM4G00
CAR2104	LU00763	CNM4G00
	LU00742	CNM4G00
	LU00704	CNM4G00
	LU00630	CNM4G00
	LU00595	CNM4G00
	LU00552	CNM4G00
	LU00548	CNM4G00
	LU00527	CNM4G00
	LU00517	CNM4G00
	LU00417	CNM4G00
	LU00409	CNM4G00

CA RS Level	Service	FMID
	LU00395	CNM4G00
CAR2103	SO16310	CNM4G00
	LU00279	CNM4G00
CAR2102	SO16292	CNM4G00
	SO16215	CNM4G00
	SO16213	CNM4G00
	SO16162	CNM4G00
	SO16108	CNM4G00
	SO16069	CNM4G00
	SO16035	CNM4G00
	SO16034	CNM4G00
	SO14945	CNM4G00
CAR2101	SO16018	CNM4G00
	SO15790	CNM4G00
	SO13275	CNM4G00
CAR2012	SO15783	CNM4G00
	SO15746	CNM4G00
	SO15546	CNM4G00
	SO15518	CNM4G00
	SO15433	CNM4G00
	SO15374	CNM4G00
CAR2011	SO15474	CNM4G00
	SO15325	CNM4G00
	SO15274	CNM4G00
	SO15212	CNM4G00
	SO15210	CNM4G00
	SO15206	CNM4G00
	SO15081	CNM4G00
	SO15053	CNM4G00
	SO14964	CNM4G00
CAR2010	SO14985	CNM4G00
	SO14921	CNM4G00
	SO14894	CNM4G00
	SO14768	CNM4G00
	SO14761	CNM4G00
	SO14746	CNM4G00
	SO14740	CNM4G00
	SO14696	CNM4G00
CAR2009	SO14661	CNM4G00
	SO14653	CNM4G00
	SO14533	CNM4G00
	SO14487	CNM4G00
	SO14442	CNM4G00
	SO14411	CNM4G00
	SO14363	CNM4G00
	SO14361	CNM4G00
	SO14259	CNM4G00

CA RS Level	Service	FMID
	SO13364	CNM4G00
	SO13186	CNM4G00
CAR2008	SO14130	CNM4G00
	SO14092	CNM4G00
	SO14004	CNM4G00
	SO13996	CNM4G00
	SO13989	CNM4G00
	SO13984	CNM4G00
	SO13927	CNM4G00
	SO13792	CNM4G00
	SO13701	CNM4G00
	SO13485	CNM4G00
	SO13350	CNM4G00
	SO13268	CNM4G00
CAR2007	SO13782	CNM4G00
	SO13779	CNM4G00
	SO13751	CNM4G00
	SO13612	CNM4G00
	SO13538	CNM4G00
	SO13529	CNM4G00
	SO13408	CNM4G00
	SO13188	CNM4G00
CAR2006	SO13276	CNM4G00
	SO13240	CNM4G00
	SO13228	CNM4G00
	SO13187	CNM4G00
	SO13116	CNM4G00
	SO13089	CNM4G00
	SO13072	CNM4G00
	SO13033	CNM4G00
CAR2005	SO12880	CNM4G00
	SO12816	CNM4G00
	SO12773	CNM4G00
	SO12721	CNM4G00
	SO12629	CNM4G00
	SO12625	CNM4G00
	SO12580	CNM4G00
	SO12330	CNM4G00
CAR2004	SO12516	CNM4G00
	SO12474	CNM4G00
	SO12454	CNM4G00
	SO12406	CNM4G00
	SO12401	CNM4G00
	SO12381	CNM4G00
	SO12354	CNM4G00
	SO12347	CNM4G00
	SO12257	CNM4G00

CA RS Level	Service	FMID
	SO12200	CNM4G00
	SO12163	CNM4G00
CAR2003	SO12125	CNM4G00
	SO12051	CNM4G00
	SO12050	CNM4G00
	SO11959	CNM4G00
	SO11955	CNM4G00
	SO11898	CNM4G00
	SO11891	CNM4G00
	SO11875	CNM4G00
	SO11865	CNM4G00
	SO11762	CNM4G00
	SO10411	CNM4G00
CAR2002	SO11830	CNM4G00
	SO11821	CNM4G00
	SO11798	CNM4G00
	SO11683	CNM4G00
	SO11642	CNM4G00
	SO11632	CNM4G00
	SO11553	CNM4G00
	SO11361	CNM4G00
CAR2001	SO11122	CNM4G00
	SO11028	CNM4G00
CAR1912	SO10853	CNM4G00
	SO10849	CNM4G00
	SO10710	CNM4G00
	SO10680	CNM4G00
	SO10649	CNM4G00
	SO10588	CNM4G00
	SO10541	CNM4G00
CAR1911	SO10537	CNM4G00
	SO10497	CNM4G00
	SO10493	CNM4G00
	SO10484	CNM4G00
	SO10421	CNM4G00
	SO10382	CNM4G00
	SO10332	CNM4G00
	SO10326	CNM4G00
	SO10316	CNM4G00
	SO10269	CNM4G00
	SO10214	CNM4G00
	SO10209	CNM4G00
CAR1910	SO10206	CNM4G00
	SO10197	CNM4G00
	SO10143	CNM4G00
	SO10098	CNM4G00
	SO09844	CNM4G00

CA RS Level	Service	FMID
	SO09632	CNM4G00
CAR1909	SO09772	CNM4G00
	SO09681	CNM4G00
	SO09650	CNM4G00
	SO09607	CNM4G00
	SO09589	CNM4G00
	SO09537	CNM4G00
	SO08894	CNM4G00
CAR1908	SO09287	CNM4G00
	SO09281	CNM4G00
	SO09059	CNM4G00
	SO09013	CNM4G00
	SO08793	CNM4G00
CAR1907	SO08895	CNM4G00
	SO08743	CNM4G00
	SO08740	CNM4G00
	SO08698	CNM4G00
	SO08681	CNM4G00
	SO08674	CNM4G00
	SO08553	CNM4G00
	SO08544	CNM4G00
	SO08502	CNM4G00
	SO08485	CNM4G00
	SO08459	CNM4G00
	SO08228	CNM4G00