CA SYSVIEW Performance Management 16.0
CA RS 2011 Service List

Service	Description	Type
SO14964	ABEND SOC4 GSVCNFC0 IN CICS	PTF
SO15053	ABEND SOC4 GSVXMSCR ISSUING MQPERF COMMAND	PTF
SO15081	NEW Z/OS CONTAINER EXTENSION (ZCX) MONITORING	PTF
SO15206	ABEND S0E0-28 MOD GSVZSTCR RTN PSTE$$	PTF
SO15210	NEW IMS TRANSACTION TRACE CAPABILITY	PTF
SO15212	GSV3718E CONFIGURATION MODULE MISMATCH FOR JES2 2.4	PTF
SO15274	SESSION HANG AFTER DB2* COMMAND	PTF
SO15325	JVMLIST NOT CHECKING JVMJOBN SECURITY RESOURCE	PTF
SO15474	TCPLIST COMMAND STORAGE LEAK	PTF

The CA RS 2011 service count for this release is 9

FMID	Service	Description	Type
CNM4G00	SO14964	ABEND S0C4 GSVCNFC0 IN CICS	PTF
	SO15053	ABEND S0C4 GSVXMSCR ISSUING MQPERF COMMAND	PTF
	SO15081	NEW Z/OS CONTAINER EXTENSION (ZCX) MONITORING	PTF
	SO15206	ABEND S0E0-28 MOD GSVZSTCR RTN PSTE$$	PTF
	SO15210	NEW IMS TRANSACTION TRACE CAPABILITY	PTF
	SO15212	GSV3718E CONFIGURATION MODULE MISMATCH FOR JES2 2.4	PTF
	SO15274	SESSION HANG AFTER DB2* COMMAND	PTF
	SO15325	JVMLIST NOT CHECKING JVMJOBN SECURITY RESOURCE	PTF
	SO15474	TCPLIST COMMAND STORAGE LEAK	PTF
The CA RS 2011 service count for this FMID is 9			

Service	Details
SO14964	SO14964 M.C.S. ENTRIES = ++PTF (SO14964) ABEND S0C4 GSVCNFC0 IN CICS PROBLEM DESCRIPTION: SYSVIEW for CICS may reference an invalid address when gathering data for a CICS remote data table. This could result in abend S0C4, or incorrect data on a command display. SYMPTOMS: Abend S0C4 with messages similar to the following can occur when issuing the CFILES or CDATATBL commands, or in the data collector task GSVCSDCS: GSVC990E CA SYSVIEW for CICS r16.0 Abend information GSVC991E Task GSVCSDCS Module GSVC2FC0 Offset 0000156C GSVC992E Abend S0C4 PSW 078C2000 BBF7356C Ilc 6 Intc 04 BEA 00000000 3BF73550 GSVC994E FRR Recovery GSVCZRRX Retry 3C095D04 Module GSVCSDCS Offset 0000062C GSVC996E Registers at entry to abend GSVC995E AR/GR 00: 00000000/00000000_00000000 01: 00000000/00000000_29DFA7B0 GSVC995E AR/GR 02: 00000000/00000000_3BF73F58 03: 00000000/00000000_29DFA7B0 GSVC995E AR/GR 04: 00000000/00000000_26D00001 05: 00000000/00000000_00000014 GSVC995E AR/GR 06: 00000000/00000000_000000FF 07: 00000000/00000000_3BF73DB8 GSVC995E AR/GR 08: 00000000/00000000_3C04A400 09: 00000000/00000000_3C049000 GSVC995E AR/GR 10: 00000000/00000000_282E2000 11: 00000000/00000000_3BF73010 GSVC995E AR/GR 12: 00000000/00000000_3AF58740 13: 00000000/00000000_3C04B240 GSVC995E AR/GR 14: 00000000/00000000_BBF72F1E 15: 00000000/00000000_29DFA850 If the abend doesn't occur, you may see incorrect data in the following fields on the CDATATBL command display: Records RecsHWM DataUsed DataAlloc IMPACT: If the GSVCSDCS data collector task gets this abend, SYSVIEW for CICS will terminate and restart itself in the region. If the CFILES or CDATATBL commands abend the user session will terminate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Release 16.0 Related Problem: SYSVW 2554 Copyright (C) 2020 CA. All rights reserved. R00144-NM4160-SP0 DESC(ABEND S0C4 GSVCNFC0 IN CICS). ++VER (Z038) FMID (CNM4G00) PRE (SO09059 SO09589 SO10316 SO11875 SO12816 SO13538) SUP (ST14964) ++HOLD (SO14964) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (20294) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+

Service	Details
	|PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW for CICS | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | Ability to run SYSVIEW for CICS transactions | +----------+----------+ ********** * STEPS TO PERFORM * ********** Apply this fix and either recycle the CICS region, or use the GSVT (terminate) and GSVS (start) transactions to recycle SYSVIEW for CICS within the CICS region.).

Service	Details
SO15053	SO15053 M.C.S. ENTRIES = ++PTF (SO15053) ABEND S0C4 GSVXMSCR ISSUING MQPERF COMMAND PROBLEM DESCRIPTION: An incorrect access list entry token (ALET) was used to point to an MQ queue manager address space. SYMPTOMS: Issuing the MQPERF command may result in an S0C4-11 abend. Errors similar to the following may be seen. GSVX489I SDWA 00F9A310 RRXB 2A016410 DSA 29BEB480 GSVX451I ABEND S0C4-10 IN MQPERF COMMAND GSVX472I USERID ?????? TERMINAL TPXSHARE INTERFACE ISPF GSVX452I SYSVIEW SRB IN CONTROL AT ENTRY TO ABEND GSVX453I DIAGNOSTICS FOR SRB IN CONTROL AT ENTRY TO ABEND GSVX457I PSW 470C4001 AAB927B2 ILC 2 INTC 10 GSVX477I KEY 0 STATE SUP AM 64 ASC AR GSVX458I MODULE GSVXNUC ADDR 2A765000 OFFSET 0042D7B2 GSVX458I NUCMOD GSVXMSCR ADDR 2AB89990 OFFSET 00008E22 GSVX450I FIXLVL SO10588 GSVX473I ROUTNE CPFT$$ ADDR 2AB925B0 OFFSET 00000202 GSVX459I DATA AT PSW ADDR 2AB927AC GSVX460I C734BF78 A5520E46 47F0C734 GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND GSVX467I R0-R1 00000000_2A3A79E8 00000000_29E10F88 GSVX467I R2-R3 00000000_2A3A79E8 00000000_2A15F164 GSVX467I R4-R5 00000000_2A3A7AC0 00000000_00000004 GSVX467I R6-R7 00000000_31018065 00000000_00000004 GSVX467I R8-R9 00000000_29B6C000 00000000_29E10060 GSVX467I R10-R11 00000000_2AB9B698 00000000_29B6A000 GSVX467I R12-R13 00000000_2AB925B0 00000000_29BDBC48 GSVX467I R14-R15 00000000_29BDBC48 00000000_0000000C GSVX475I ACCESS REGISTERS AT ENTRY TO ABEND GSVX461I AR0-AR3 00000000 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 0001000A 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 IMPACT: MQPERF command abends. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Release 16.0 Related Problem: SYSVW 2556 Copyright (C) 2020 CA. All rights reserved. R00146-NM4160-SP0 DESC(ABEND S0C4 GSVXMSCR ISSUING MQPERF COMMAND). ++VER (Z038) FMID (CNM4G00) PRE (SO09589 SO09844 SO11028 SO11361 SO12050 SO13116) SUP (ST15053)

Service	Details
SO15081	SO15081 M.C.S. ENTRIES = ++PTF (SO15081) NEW Z/OS CONTAINER EXTENSION (ZCX) MONITORING ENHANCEMENT DESCRIPTION: This feature PTF contains the following enhancements in support of monitoring IBM z/OS Container Extensions (zCX): 1. New ZCXLIST command. The ZCXLIST command dynamically discovers all zCX instances on the system and displays them in a list. Address space level performance information displays for each zCX instance. In addition, high-level zCX configuration information is displayed, i.e., logical CPU provisioning, disk space allocation, storage allocation, and network configuration. The ZCXLIST command supports displaying one or more zCX instances in the same LPAR and multiple LPARs (XSYSTEM). An SSH connection with a zCX instance is easily established with an SSH line command from the ZCXLIST command. Note, key-based authentication setup is required to utilize the SSH feature. A new SYSVIEW help topic named "Setup SSH for z/OS Container Extensions" was added as part of this PTF to assist users in setting up the required key files. 2. New ZCXCPU command. The ZCXCPU command displays a breakdown of the logical CPU utilization per logical CPU task in the zCX address space. It also displays the utilization of the other tasks in the zCX address space and a rollup of all tasks. The command supports displaying CPU information from one zCX instance (LOCAL), multiple zCXs in the same LPAR (SYSTEM), or multiple LPARs (XSYSTEM). 3. New ZCXDISK command. The ZCXDISK command displays a list of disks (VSAM data sets) that are assigned to a zCX instance. The size of the disk and the encryption status of the backing VSAM data set is displayed. The command supports displaying disk information from one zCX instance (LOCAL), multiple zCXs in the same LPAR (SYSTEM), or multiple LPARs (XSYSTEM). 4. Enhanced WORKLOAD groups. The WORKLOAD feature was enhanced to summarize workload by address space type and subtype. The enhancement allows WORKLOAD logical groups to be defined to monitor groups of jobs by their type, for example, CICS, MQ, and IMS. This is pertinent to zCX because zCX is a valid address space type and zCX address spaces can be summarized together without the need for a common jobname mask. a. An ASITYPE command was added to display a list of all valid address space types and subtypes that can be used in WORKLOAD groups. SYSVIEW uses the JCL program name (for example, PGM=program) to determine the address space type, and a few other techniques for address spaces running JVMs. As such, the associated program name for each address space type and subtype is listed. b. Previously, the WORKLOAD feature summarized workload by only jobnames. A WORKLOAD logical group member used the following format on the GROUPS command: 1. jobtype.jobname jobtype - generic, JOB, SYS, STC, TSU, INI, ATX, or OTX jobname - generic, partial generic, or specific

Service	Details
	With this PTF, a WORKLOAD logical group member uses two formats on the GROUPS command: 1. jobtype.jobname jobtype - generic, JOB, SYS, STC, TSU, INI, ATX, or OTX jobname - generic, partially generic, or specific 2. asitype.asisubtype.jobname asitype - see new ASITYPE command for list asisubtype - see new ASITYPE command for list jobname - generic, partially generic, or specific Note, the previously existing "jobtype.jobname" and the new "asitype.asisubtype.jobname" syntax are both supported simultaneously. c. The following configuration options were added to the MVSDATA parmlib member to control the data collection behavior of the new WORKLOAD group conventions. - Option : Monitor-Workload-Summary-ASI Default : No Specify if job workload summarization data collection is to be performed using address space identification data as the matching data key for members defined in logical groups of type WORKLOAD. - Option : Monitor-Workload-Summary-TypeJobname Default : Yes Specify if job workload summarization data collection is to be performed using jobtype and jobname as the matching data key for members defined in logical groups of type WORKLOAD. If Monitor-Workload-Summary was set to YES prior to this PTF, then workload summarization was performed using jobtype and jobname. To enable the new address space type monitoring WORKLOAD feature in the MVSDATA data collector, set the following option in the MVSDATA parmlib member in the SITE parmlib data set: Monitor-Workload-Summary Yes Monitor-Workload-Summary-ASI Yes Note, both Monitor-Workload-Summary-ASI and Monitor-Workload-Summary-TypeJobname summarization can be performed at the same time. d. The following commands were enhanced to display address space type, subtype, and/or program with the addition of the following fields: ACTIVITY - ASIType, ASISubType, Program ACTSUM - TypeJobname, ASTypeSubJobname PRODUCT(S) AFFECTED: CA SYSVIEW Release 16.0 Related Problem: SYSVW 2558 Copyright (C) 2020 CA. All rights reserved. R00147-NM4160-SP0 DESC(NEW Z/OS CONTAINER EXTENSION (ZCX) MONITORING). ++VER (Z038) FMID (CNM4G00) PRE (SO08895 SO09059 SO09589 SO10098 SO10197 SO10316 SO10497 SO10680 SO10853 SO11028 SO11632 SO11642 SO11865 SO11875 SO12051 SO12125 SO12629 SO12721

Service	Details

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SO13538 SO13989 SO14411 SO14533 SO14894  )
SUP ( AC08481 SO08459 ST08459 ST15081 )
++HOLD (SO15081) SYSTEM FMID(CNM4G00)
REASON (ACTION )   DATE (20281)
COMMENT (
+------------------------------------------------------------------------+
|     CA SYSVIEW PERFORMANCE MANAGEMENT               Version 16.0       |
+----------+-------------------------------------------------------------+
|SEQUENCE  | After Apply                                                 |
+----------+-------------------------------------------------------------+
|PURPOSE   | To implement the enhancement                                |
+----------+-------------------------------------------------------------+
|USERS     |                                                             |
|AFFECTED  | All users of SYSVIEW                                        |
+----------+-------------------------------------------------------------+
|KNOWLEDGE |                                                             |
|REQUIRED  | Product Administration                                      |
+----------+-------------------------------------------------------------+
|ACCESS    |                                                             |
|REQUIRED  | Product libraries                                           |
+----------+-------------------------------------------------------------+
**************************
* STEPS    TO    PERFORM *
**************************
* - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
** This Feature PTF requires that the security dataset be refreshed
using the security conversion program.
1. Apply the PTF.
2. Deploy the PTF to your run-time libraries.
3. Stop the SYSVIEW STCs, GSSA, and any user sessions.
4. Run Security Conversion JCL contained in CNM4BSAM member GSVUCSEC.
5. Start the SYSVIEW STCs, GSSA, and any user sessions.
* - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
).
++HOLD (SO15081) SYSTEM FMID(CNM4G00)
REASON (ENH    )   DATE (20281)
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                                           |
+----------+-------------------------------------------------------------+
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Service	Details
	* STEPS TO PERFORM * ********** ENHANCEMENT DESCRIPTION: This feature PTF contains the following enhancements in support of monitoring IBM z/OS Container Extensions (zCX): 1. New ZCXLIST command. The ZCXLIST command dynamically discovers all zCX instances on the system and displays them in a list. Address space level performance information displays for each zCX instance. In addition, high-level zCX configuration information is displayed, i.e., logical CPU provisioning, disk space allocation, storage allocation, and network configuration. The ZCXLIST command supports displaying one or more zCX instances in the same LPAR and multiple LPARs (XSYSTEM). An SSH connection with a zCX instance is easily established with an SSH line command from the ZCXLIST command. Note, key-based authentication setup is required to utilize the SSH feature. A new SYSVIEW help topic named "Setup SSH for z/OS Container Extensions" was added as part of this PTF to assist users in setting up the required key files. 2. New ZCXCPU command. The ZCXCPU command displays a breakdown of the logical CPU utilization per logical CPU task in the zCX address space. It also displays the utilization of the other tasks in the zCX address space and a rollup of all tasks. The command supports displaying CPU information from one zCX instance (LOCAL), multiple zCXs in the same LPAR (SYSTEM), or multiple LPARs (XSYSTEM). 3. New ZCXDISK command. The ZCXDISK command displays a list of disks (VSAM data sets) that are assigned to a zCX instance. The size of the disk and the encryption status of the backing VSAM data set is displayed. The command supports displaying disk information from one zCX instance (LOCAL), multiple zCXs in the same LPAR (SYSTEM), or multiple LPARs (XSYSTEM). 4. Enhanced WORKLOAD groups. The WORKLOAD feature was enhanced to summarize workload by address space type and subtype. The enhancement allows WORKLOAD logical groups to be defined to monitor groups of jobs by their type, for example, CICS, MQ, and IMS. This is pertinent to zCX because zCX is a valid address space type and zCX address spaces can be summarized together without the need for a common jobname mask. a. An ASITYPE command was added to display a list of all valid address space types and subtypes that can be used in WORKLOAD groups. SYSVIEW uses the JCL program name (for example, PGM=program) to determine the address space type, and a few other techniques for address spaces running JVMs. As such, the associated program name for each address space type and subtype is listed. b. Previously, the WORKLOAD feature summarized workload by only jobnames. A WORKLOAD logical group member used the following format on the GROUPS command: 1. jobtype.jobname jobtype - generic, JOB, SYS, STC, TSU, INI, ATX, or OTX jobname - generic, partial generic, or specific With this PTF, a WORKLOAD logical group member uses two formats on

Service	Details
	the GROUPS command: 1. jobtype.jobname jobtype - generic, JOB, SYS, STC, TSU, INI, ATX, or OTX jobname - generic, partially generic, or specific 2. asitype.asisubtype.jobname asitype - see new ASITYPE command for list asisubtype - see new ASITYPE command for list jobname - generic, partially generic, or specific Note, the previously existing "jobtype.jobname" and the new "asitype.asisubtype.jobname" syntax are both supported simultaneously. c. The following configuration options were added to the MVSDATA parmlib member to control the data collection behavior of the new WORKLOAD group conventions. - Option : Monitor-Workload-Summary-ASI Default : No Specify if job workload summarization data collection is to be performed using address space identification data as the matching data key for members defined in logical groups of type WORKLOAD. - Option : Monitor-Workload-Summary-TypeJobname Default : Yes Specify if job workload summarization data collection is to be performed using jobtype and jobname as the matching data key for members defined in logical groups of type WORKLOAD. If Monitor-Workload-Summary was set to YES prior to this PTF, then workload summarization was performed using jobtype and jobname. To enable the new address space type monitoring WORKLOAD feature in the MVSDATA data collector, set the following option in the MVSDATA parmlib member in the SITE parmlib data set: Monitor-Workload-Summary Yes Monitor-Workload-Summary-ASI Yes Note, both Monitor-Workload-Summary-ASI and Monitor-Workload-Summary-TypeJobname summarization can be performed at the same time. d. The following commands were enhanced to display address space type, subtype, and/or program with the addition of the following fields: ACTIVITY - ASIType, ASISubType, Program ACTSUM - TypeJobname, ASTypeSubJobname).

Service	Details
SO15206	SO15206 M.C.S. ENTRIES = ++PTF (SO15206) ABEND S0E0-28 MOD GSVZSTCR RTN PSTE$$ PROBLEM DESCRIPTION: Abend S0E0 can occur during data collection of state metrics due to an incorrect register usage. SYMPTOMS: In the reported case abend S0E0-28 happened in the IMS data collector with messages similar to the following: GSVX451E (IMSDATA) Abend S0E0-28 in IMS data collector GSVX452I (IMSDATA) SYSVIEW SRB in control at entry to abend GSVX453I (IMSDATA) Diagnostics for SRB in control at entry to abend GSVX457I (IMSDATA) Psw 078C6000 B8D43FA4 Ilc 6 Intc 28 GSVX477I (IMSDATA) Key 8 State SUP Am 31 Asc AR GSVX458I (IMSDATA) Module GSVXNUC Addr 38517000 Offset 0082CFA4 GSVX458I (IMSDATA) NucMod GSVZSTCR Addr 38D3E020 Offset 00005F84 GSVX450I (IMSDATA) FixLvl BASE GSVX473I (IMSDATA) Routne PSTE$$ Addr 38D43AE8 Offset 000004BC GSVX459I (IMSDATA) Data at PSW addr 38D43F9E GSVX460I (IMSDATA) D50BF0E5 A5464780 C4CCD20B GSVX455I (IMSDATA) General registers at entry to abend GSVX467I (IMSDATA) R0-R1 00000000_00000000 00000000_00000000 GSVX467I (IMSDATA) R2-R3 00000000_00000000 00000000_000C3960 GSVX467I (IMSDATA) R4-R5 00000000_00000058 00000000_000C26B0 GSVX467I (IMSDATA) R6-R7 00000000_000518C0 00000000_34442800 GSVX467I (IMSDATA) R8-R9 00000000_3AA5BBD4 00000000_3AA5B060 GSVX467I (IMSDATA) R10-R11 00000000_38D471D0 00000000_3A084000 GSVX467I (IMSDATA) R12-R13 00000000_38D43AE8 00000000_3A7E95C8 GSVX467I (IMSDATA) R14-R15 00000000_B8D44000 00000000_38B4C9E8 GSVX475I (IMSDATA) Access registers at entry to abend GSVX461I (IMSDATA) AR0-AR3 FFF00001 00000000 00000000 00010005 GSVX461I (IMSDATA) AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I (IMSDATA) AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I (IMSDATA) AR12-AR15 00000000 00000000 00000000 FFFFFFFE IMPACT: An SVC dump is taken and the affected data collector subtask terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2559 Copyright (C) 2020 CA. All rights reserved. R00149-NM4160-SP0 DESC(ABEND S0E0-28 MOD GSVZSTCR RTN PSTE$$). ++VER (Z038) FMID (CNM4G00) PRE (SO09059 SO09589 SO10316 SO10680 SO11028 SO11683 SO11875 SO12125 SO12816 SO13364 SO13538 SO13701 SO14533 SO15081) SUP (SO09281 SO11891 ST09281 ST11891 ST15206) ++HOLD (SO15206) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (20295)

Service	Details
	COMMENT (+----------+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All SYSVIEW users | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | | +----------+----------+ ********** * STEPS TO PERFORM * ********** After applying this fix all SYSVIEW started tasks and any monitored CICS regions must be recycled to pick up the change.).

Service	Details
SO15210	SO15210 M.C.S. ENTRIES = ++PTF (SO15210) NEW IMS TRANSACTION TRACE CAPABILITY ENHANCEMENT DESCRIPTION: This feature provides the ability to trace IMS transactions by capturing DC Monitor events into a trace buffer, allowing for real-time analysis of bottlenecks that may be affecting the transaction lifetime. Start time and elapsed time for each event is displayed in chronological order. Trace data can be filtered by using the SELECT command on any of the display fields: Transaction Name, PSB Name, Dependent Region Name, PST Id, User Id, Terminal Name, or Event Name. Once the trace has completed, it can be exported into a persistent data store for historical reference. Enhancements introduced by this feature include: 1. New IMSTRACE command used to: a. Set the size of the trace buffer. b. Set the time duration for the trace. c. Start the trace. d. Optionally stop the trace before the time interval expires. e. View the trace data real-time. f. Export the trace data when the trace completes. 2. New IMSTLIST command that: a. Displays the list of archived/exported traces. b. Allows any of the traces listed to be viewed or deleted. 3. New library type IMSDLIB, which is the IMS Datalib used to store trace data. 4. Updates to the LIBS and STATUS commands to include IMSDLIB. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 2561 Copyright (C) 2020 CA. All rights reserved. R00150-NM4160-SP0 DESC(NEW IMS TRANSACTION TRACE CAPABILITY). ++VER (Z038) FMID (CNM4G00) PRE (SO08681 SO08743 SO08793 SO09059 SO09589 SO10098 SO10316 SO10497 SO10680 SO10853 SO11028 SO11632 SO11642 SO11865 SO11875 SO12125 SO12629 SO12721 SO12816 SO13240 SO13538 SO13989 SO14411 SO14442 SO14533 SO14894 SO15081) SUP (SO10209 ST10209 ST15210) ++HOLD (SO15210) SYSTEM FMID(CNM4G00) REASON (ACTION) DATE (20292) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the enhancement | +----------+----------+ |USERS | |

Service	Details

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|AFFECTED  | All users of SYSVIEW                                          |
+----------+--------------------------------------------------------------+
|KNOWLEDGE |                                                              |
|REQUIRED  | Product Administration                                       |
+----------+--------------------------------------------------------------+
|ACCESS    |                                                              |
|REQUIRED  | Product libraries                                            |
+----------+--------------------------------------------------------------+
*************************
* STEPS    TO    PERFORM *
*************************
* - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
** This Feature PTF requires that the security dataset be refreshed
using the security conversion program.
1. Apply the PTF.
2. Deploy the PTF to your run-time libraries.
3. Stop the SYSVIEW STCs, GSSA, and any user sessions.
4. Run Security Conversion JCL contained in CNM4BSAM member GSVUCSEC.
5. Start the SYSVIEW STCs, GSSA, and any user sessions.
* - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
A new library type (IMSDLIB) was also introduced by this Feature PTF.
If you plan on using the IMS tracing feature and will be exporting
trace data for historical reference, an empty PDS/E dataset must be
allocated.
1. Run the allocate JCL contained in CNM4BSAM member GSVUPDAT to
create an empty PDS/E dataset.
2. Update your System Configuration member to add:
Dsn-System-IMSDLIB               <hlq>.CNM4PDAT
3. Refresh the cached System Congiguration data by issuing:
MVS MODIFY SYSVIEW,RELOAD SCFG
(This can also be done from the ASADMIN display).
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++HOLD (SO15210) SYSTEM FMID(CNM4G00)
REASON (ENH    )   DATE (20292)
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 *
*************************
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Service	Details
	ENHANCEMENT DESCRIPTION: This feature provides the ability to trace IMS transactions by capturing DC Monitor events into a trace buffer, allowing for real-time analysis of bottlenecks that may be affecting the transaction lifetime. Start time and elapsed time for each event is displayed in chronological order. Trace data can be filtered by using the SELECT command on any of the display fields: Transaction Name, PSB Name, Dependent Region Name, PST Id, User Id, Terminal Name, or Event Name. Once the trace has completed, it can be exported into a persistent data store for historical reference. Enhancements introduced by this feature include: 1. New IMSTRACE command used to: a. Set the size of the trace buffer. b. Set the time duration for the trace. c. Start the trace. d. Optionally stop the trace before the time interval expires. e. View the trace data real-time. 2. New IMSTLIST command that: a. Displays the list of archived/exported traces. b. Allows any of the traces listed to be viewed or deleted. 3. New library type IMSDLIB, which is the IMS Datalib used to store trace data.). ++HOLD (SO15210) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (20292) COMMENT (+----------+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW for IMS | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | IMS Systems Programming | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | Ability to issue IMS SPOC commands | +----------+----------+ ********** * STEPS TO PERFORM * ********** After applying this fix, SYSVIEW and the IMS region must be recycled to pick up the change, or the following steps can be followed to implement the change dynamically in IMS: 1. Perform an LLA REFRESH if the IMS Monitor Exit module GSVPDCMX is in the LINKLIST concatenation. 2. Refresh the exit by issuing the IMS type-2 command:

Service	Details
	REFRESH USEREXIT TYPE(IMSMON)).

Service	Details
SO15212	SO15212 M.C.S. ENTRIES = ++PTF (SO15212) GSV3718E CONFIGURATION MODULE MISMATCH FOR JES2 2.4 PROBLEM DESCRIPTION: JES2 service level mismatch occurs when IBM JES2 APARs OA58718 or OA59886 are applied. IBM APAR OA58718 PTF UJ03249 resulted in new JES2 service level for JES2. JES2 2.4 service level 1 IBM APAR OA59886 PTF UJ03630 resulted in new JES2 service level for JES2. JES2 2.4 service level 2 SYMPTOMS: The following message appears on the SYSVIEW main menu: "JES configuration module service level mismatch found" The following messages may also be seen at startup: GSV3711I (MAIN) JES2 services initialization started GSV3717I (MAIN) Checking for JES configuration module GSVBJ241 GSV3718I (MAIN) Configuration module for JES2 2.4 service level 1 not found GSV3717I (MAIN) Checking for JES configuration module GSVBJ240 GSV3774I (MAIN) Using JES configuration module GSVBJ240, service level 0 GSV3704W (MAIN) JES service level 1 does not match GSVBJ240 module level 0 GSV3712I (MAIN) JES2 services initialization ended or GSV3711I (MAIN) JES2 services initialization started GSV3717I (MAIN) Checking for JES configuration module GSVBJ242 GSV3718I (MAIN) Configuration module for JES2 2.4 service level 2 not found GSV3717I (MAIN) Checking for JES configuration module GSVBJ241 GSV3718I (MAIN) Configuration module for JES2 2.4 service level 1 not found GSV3717I (MAIN) Checking for JES configuration module GSVBJ240 GSV3774I (MAIN) Using JES configuration module GSVBJ240, service level 0 GSV3704W (MAIN) JES service level 2 does not match GSVBJ240 module level 0 GSV3712I (MAIN) JES2 services initialization ended IMPACT: No SYSVIEW functionality is impacted by the error. CIRCUMVENTION: Message can be resolved by applying USERMOD in sysview.SAMPJCL(USRM0004) until the resolving PTF is available and applied. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2518 Copyright (C) 2020 CA. All rights reserved. R00148-NM4160-SP0 DESC(GSV3718E CONFIGURATION MODULE MISMATCH FOR JES2 2.4). ++VER (Z038) FMID (CNM4G00) SUP (ST15212) ++HOLD (SO15212) SYSTEM FMID(CNM4G00) REASON (ACTION) DATE (20303) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | Before Apply |

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Service	Details
	+----------+--+ |PURPOSE | To implement the fix. | | | | | | This fix adds new GSVBJ241 and GSVBJ242 JES2 offsets | | | table configuration modules which may have already been | | | created with the USRM0004 job (USERMOD GSVG004) in | | | sysviewhlq.SAMPJCL. Before applying this fix, determine | | | if GSVG004 has been applied. | | | | +----------+--+ |USERS | Users of JES2. | |AFFECTED | | +----------+--+ |KNOWLEDGE | Product administration. | |REQUIRED | | +----------+--+ |ACCESS | Product libraries. | |REQUIRED | | +----------+--+ ********** * STEPS TO PERFORM * ********** If GSVG004 is not applied then this HOLD can be ignored. If GSVG004 is applied then follow these steps to remove the USERMOD as it will no longer be needed: 1. Restore USERMOD GSVG004 from the TARGET zone. 2. Reject USERMOD GSVG004 from the GLOBAL zone. 3. Apply this fix.).

Service	Details
SO15274	SO15274 M.C.S. ENTRIES = ++PTF (SO15274) SESSION HANG AFTER DB2* COMMAND PROBLEM DESCRIPTION: After issuing a DB2 command, such as DB2LIST, it is possible for a SYSVIEW user session to hang. It was found that if the XNET layer between the SYSVIEW user session and the SYSVIEW for DB2 interface is unresponsive, then the SYSVIEW user session will hang. The hang will persist until the XNET problem is resolved or the SYSVIEW user session is cancelled. To resolve the hang problem, this PTF introduces a timeout mechanism. The timeout will allow a predetermined period of time to elapse for the request. If the request does not complete within the period of time, the SYSVIEW user session regains control, and the following message is observed: DB20045E Agent <agt> request <req> network <function> timed out after <time> seconds The predetermined period of time the request is permitted is controlled by a new XNET-Timeout configuration option in the SVWLDB2 parmlib member: Parmlib: SVWLDB2 Parameter: XNET-Timeout Description: Specify the number of seconds to wait for DB2 requests before timing the request out. Default: 10 (seconds) Range: 1-60 (seconds) SYMPTOMS: After issuing a DB2* command a SYSVIEW user session hangs indefinitely. IMPACT: Unable to view SYSVIEW for DB2 data from a SYSVIEW session. CIRCUMVENTION: Ensure XNET is configured correctly and is responsive. Cancel the SYSVIEW user session and attempt the command again. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2562 Copyright (C) 2020 CA. All rights reserved. R00152-NM4160-SP0 DESC(SESSION HANG AFTER DB2* COMMAND). ++VER (Z038) FMID (CNM4G00) PRE (SO09059 SO11865 SO12721 SO14533) SUP (SO11798 ST11798 ST15274) ++HOLD (SO15274) SYSTEM FMID(CNM4G00) REASON (DOC) DATE (20297) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+ ********** * PUBLICATION * **********

Service	Details
	After issuing a DB2 command, such as DB2LIST, it is possible for a SYSVIEW user session to hang. It was found that if the XNET layer between the SYSVIEW user session and the SYSVIEW for DB2 interface is unresponsive, then the SYSVIEW user session will hang. The hang will persist until the XNET problem is resolved or the SYSVIEW user session is cancelled. To resolve the hang problem, this PTF introduces a timeout mechanism. The timeout will allow a predetermined period of time to elapse for the request. If the request does not complete within the period of time, the SYSVIEW user session regains control, and the following message is observed: DB20045E Agent <agt> request <req> network <function> timed out after <time> seconds The predetermined period of time the request is permitted is controlled by a new XNET-Timeout configuration option in the SVWLDB2 parmlib member: Parmlib: SVWLDB2 Parameter: XNET-Timeout Description: Specify the number of seconds to wait for DB2 requests before timing the request out. Default: 10 (seconds) Range: 1-60 (seconds) Note, no parmlib update is required. This PTF updates the SYSTEM SVWLDB2 parmlib member. If the parmlib member has been customized in the SITE parmlib, there is no need to add this configuration option to the member as it will default to a timeout of 10 seconds even if the parameter is not speicified.).

Service	Details
SO15325	SO15325 M.C.S. ENTRIES = ++PTF (SO15325) JVMLIST NOT CHECKING JVMJOBN SECURITY RESOURCE PROBLEM DESCRIPTION: The JVMJOBN security resource allows you to control what JVM jobnames a user is able to view. This resource is not being checked by the JVMLIST command as documented. SYMPTOMS: The JVMLIST command always displays all active JVMs. IMPACT: Users have access to all active JVMs on the JVMLIST display. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2563 Copyright (C) 2020 CA. All rights reserved. R00153-NM4160-SP0 DESC(JVMLIST NOT CHECKING JVMJOBN SECURITY RESOURCE). ++VER (Z038) FMID (CNM4G00) SUP (ST15325)

Service	Details
SO15474	SO15474 M.C.S. ENTRIES = ++PTF (SO15474) TCPLIST COMMAND STORAGE LEAK PROBLEM DESCRIPTION: Each time the TCPLIST command is issued it allocates a control block but fails to free it on command termination. The storage is allocated in E-PVT Subpool 0 Key 8 with a length of x'1A4'. The block contains eyecatchers of TCPLIST and NWMS among others. Note that hitting Enter to refresh an existing TCPLIST command display does not contribute to the problem. The problem only occurs when TCPLIST is entered from a menu or another command display. The storage will get freed when the user's SYSVIEW session ends. SYMPTOMS: Repeated invocations of the TCPLIST command in a long running SYSVIEW session can cause a buildup of these control blocks in E-PVT storage. This could potentially lead to storage problems in the issuing address space. IMPACT: Possible S878 or S80A abends if storage becomes exhausted. CIRCUMVENTION: If the TCPLIST command has been issued a lot, occasionally exit SYSVIEW to free the storage and then start a new session. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2560 Copyright (C) 2020 CA. All rights reserved. R00156-NM4160-SP0 DESC(TCPLIST COMMAND STORAGE LEAK). ++VER (Z038) FMID (CNM4G00) SUP (GC08481 ST15474) MCS SO14964 STARTS ON PAGE 0002 MCS SO15053 STARTS ON PAGE 0003 MCS SO15081 STARTS ON PAGE 0005 MCS SO15206 STARTS ON PAGE 0014 MCS SO15210 STARTS ON PAGE 0016 MCS SO15212 STARTS ON PAGE 0022 MCS SO15274 STARTS ON PAGE 0024 MCS SO15325 STARTS ON PAGE 0026 MCS SO15474 STARTS ON PAGE 0027

Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00

The CA RS 2011 Product/Component Count for this release is 1

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	SO08502	CNM4G00
	SO08485	CNM4G00
	SO08459	CNM4G00
	SO08228	CNM4G00