CA SYSVIEW Performance Management 16.0
CA RS 2107 Service List

Service	Description	Type
LU01276	IMS VSAM/OSAM HIT RATIO INCORRECT / IMSOSAM STORAGE LEAK	PTF
LU01501	ABEND S0C1 S0C4-04 IN HEALTH CHECK EXIT	PTF
LU01511	PVT E-PVT USR STORAGE USAGE MAY BE INCORRECT	PTF
LU01522	MISSING USER-DEFINED SECURITY COMMAND GROUPS	*HIP/PRP*
LU01568	ABEND S0C4 GSVCXDID WHEN CICS COMMAND FAILS	PTF
LU01687	SMFDATA COMMAND RETURNS NO DATA WITHOUT IEFU83 AND IEFU84	PTF
LU01773	PROCINFO XSDATA DISPLAYING INVALID DATA	** PRP **
LU01826	GSV2094E PARM TOO LONG ENTERING DCLIST NOXSYSTEM	PTF
LU01855	JVM AGENT GPF CRASH CAUSED BY MONZCNREQ DISABLED	*HIP/PRP*
LU01896	NEW REXX DUMP FUNCTION AND SESSION STORAGE MONITORING	PTF

The CA RS 2107 service count for this release is 10

FMID	Service	Description	Type
CNM4G00	LU01276	IMS VSAM/OSAM HIT RATIO INCORRECT / IMSOSAM STORAGE LEAK	PTF
	LU01501	ABEND S0C1 S0C4-04 IN HEALTH CHECK EXIT	PTF
	LU01511	PVT E-PVT USR STORAGE USAGE MAY BE INCORRECT	PTF
	LU01522	MISSING USER-DEFINED SECURITY COMMAND GROUPS	*HIP/PRP*
	LU01568	ABEND S0C4 GSVCXDID WHEN CICS COMMAND FAILS	PTF
	LU01687	SMFDATA COMMAND RETURNS NO DATA WITHOUT IEFU83 AND IEFU84	PTF
	LU01773	PROCINFO XSDATA DISPLAYING INVALID DATA	** PRP **
	LU01826	GSV2094E PARM TOO LONG ENTERING DCLIST NOXSYSTEM	PTF
	LU01855	JVM AGENT GPF CRASH CAUSED BY MONZCNREQ DISABLED	*HIP/PRP*
	LU01896	NEW REXX DUMP FUNCTION AND SESSION STORAGE MONITORING	PTF
The CA RS 2107 service count for this FMID is 10			

Service	Details
LU01276	LU01276 M.C.S. ENTRIES = ++PTF (LU01276) IMS VSAM/OSAM HIT RATIO INCORRECT / IMSOSAM STORAGE LEAK PROBLEM DESCRIPTION: The following problems have been reported in SYSVIEW 16.0 related to IMS displays and storage usage. 1. Viewing the READ hit ratio on the IMSVSAM, IMSVSUM, IMSOSAM and IMSOSUM commands, the percentage value may show > 100% when the total requests (READS + Lookaside READ Hits) overflows. The IMSSPOC display will also show the case of an overflow situation. You can issue an IMSSPOC command similar to the following: IMSSPOC IMSPLEX PLEXB ROUTE IMSA /DISPLAY POOL DBAS and locate the FOUND entry showing OVERFLOW. The OVERFLOW is shown because the IBM reporting is also limited to a 4 byte field. 2. Each time the IMSOSAM command is issued it allocates a control block but fails to free it at command termination. The storage is allocated by module GSVPIMSR in E-PVT Subpool 0 Key 8 with a length of 128K. The storage area begins with an eyecatcher of GDBB. Note that hitting Enter to refresh an existing IMSOSAM command display does not contribute to the problem. The problem only occurs when IMSOSAM is entered from a menu or another command display. The storage will get freed when the user's SYSVIEW session ends. SYMPTOMS: 1. As a result of the total hit requests exceeding 4gig, percentages shown in the above displays may exceed 100%. 2. Repeated invocations of the IMSOSAM command in a long running SYSVIEW session can cause a buildup of these areas in E-PVT storage. This could potentially lead to storage problems in the issuing address space. IMPACT: 1. Invalid statistics for hit ratio. 2. Possible S878 or S80A abends in the user's address space if storage becomes exhausted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13603 Copyright (C) 2021 CA. All rights reserved. R00202-NM4160-SP0 DESC(IMS VSAM/OSAM HIT RATIO INCORRECT / IMSOSAM STORAGE LEAK). ++VER (Z038) FMID (CNM4G00) PRE (LU00849 SO08894 SO10098 SO11642 SO11875 SO12125 SO12163 SO13240 SO14533 SO15210) SUP (LT01276)

Service	Details
LU01501	LU01501 M.C.S. ENTRIES = ++PTF (LU01501) ABEND S0C1 S0C4-04 IN HEALTH CHECK EXIT PROBLEM DESCRIPTION: SYSVIEW provides several health checks that are run by the IBM Health Checker, HZSPROC. These health checks run as subtasks under the SYSVIEW user address space (SYSVUSER). In a particular case, it is possible for the SYSVIEW health checks to unexpectedly abend. In the issue that first reported these abends, the user experienced S0C1 and S0C4-04 abends amongst the various SYSVIEW health checks. In the user's case, the abends were a result of the IBM Health Checker job, HZSPROC, being started and subsequently cancelled by automation several times in a short time period. SYMPTOMS: Abends occur in the SYSVIEW user address space. Look for the following messages in the SYSVIEW user job log: GSVX451E (HCKX.GSVHHCKX) Abend S0C1-01 in Health check exit GSVX451E (HCKX.GSVHHCKX) Abend S0C4-04 in Health check exit On the USERS command, the GSVHHCKX entries are the SYSVIEW health checks. You can view the health check's log by using the Listlog line command. In the reported case, GSVH006I for INIT_CHECK was seen two times in a row with no intervening GSVH006I for TERM_CHECK in between before the abend occurred. The following show examples of different versions of GSVH006I: GSVH006I Module GSVHHCKX called for INIT_CHECK GSVH006I Module GSVHHCKX called for TERM_CHECK IMPACT: SYSVIEW health checks fail to run. CIRCUMVENTION: Restart the HCHECK task running under the SYSVIEW user address space. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13858 Copyright (C) 2021 CA. All rights reserved. R00207-NM4160-SP0 DESC(ABEND S0C1 S0C4-04 IN HEALTH CHECK EXIT). ++VER (Z038) FMID (CNM4G00) SUP (LT01501)

Service	Details
LU01511	LU01511 M.C.S. ENTRIES = ++PTF (LU01511) PVT E-PVT USR STORAGE USAGE MAY BE INCORRECT PROBLEM DESCRIPTION: CA SYSVIEW's reporting of PVT / E-PVT USR storage usage can be incorrect in some cases. Several command displays and metrics show private storage limits, usage and amount of free/unallocated storage for an address space. The usage shown may be misleadingly low if the SYS / E-SYS regions of an address space's PVT / E-PVT have grown enough that the amount left available for USR / E-USR is well below the specified limits. The calculation for these values is being changed to reflect the amount of USR / E-USR storage allocated in relation to the actual amount of PVT / E-PVT that is currently available, or the limit, whichever is smaller. Also, two new fields are being added to the PVTUSAGE command display to show the new 'adjusted' limits that will be used in the calculation: LimA - Private storage adjusted user limit. This is the current amount of storage available for allocation to the USR region in PVT. ELimA - E-Private storage adjusted user limit. This is the current amount of storage available for allocation to the E-USR region in E-PVT. SYMPTOMS: In the reported case an address space had exhausted all E-PVT storage but the JOBEPVT% threshold did not trigger because the majority of the storage was allocated to E-SYS and not E-USR. The following command display fields may be incorrect: ACTJOB - Current field for JOBPVT%, JOBEPVT%, JOBPVTF, JOBEPVTF ACTSUM - Pvt%, EPvt%, PvtUnAl, EPvtUnAl CDSAS - PctL and Limit information fields CICSLIST - PVTL%, PVTLim, EPVTL%, EPVTLim PVTUSAGE - Pvt%, EPvt%, UAllo, EUAllo CSYSDATA - Storage Information Free, PctL, Limit The following data collection metrics may be incorrect: CICS - PVT%LIM, PVTLIM, PVTFREE, EPVT%LIM, EPVTLIM, EPVTFREE MVS - JOBPVT%, JOBEPVT%, JOBPVTF, JOBEPVTF IMPACT: Incorrect displays and thresholds may not trigger as intended. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13299 Copyright (C) 2021 CA. All rights reserved. R00208-NM4160-SP0 DESC(PVT E-PVT USR STORAGE USAGE MAY BE INCORRECT). ++VER (Z038) FMID (CNM4G00) PRE (LU00527 LU00548 LU00595 LU00849 LU00894 LU00951 SO08895 SO09059 SO09589 SO10316 SO10588 SO10680 SO10853 SO11875 SO12125 SO12816 SO13072 SO13364 SO13538 SO14533 SO14761 SO15081 SO16292)

Service	Details

```
SUP ( LT00279 LT01511 LU00279 SO10484 SO11955 SO14921
SO14945 ST10484 ST11955 ST14921 ST14945  )
++HOLD (LU01511) SYSTEM FMID(CNM4G00)
REASON (ENH    )   DATE (21168)
COMMENT (
+-------------------------------------------------------------------------+
|     CA SYSVIEW PERFORMANCE MANAGEMENT               Version 16.0        |
+----------+--------------------------------------------------------------+
|SEQUENCE  | Before using SYSVIEW                                         |
+----------+--------------------------------------------------------------+
|PURPOSE   | New fields added to PVTUSAGE command display                 |
+----------+--------------------------------------------------------------+
|USERS     | All SYSVIEW users                                            |
|AFFECTED  |                                                              |
+----------+--------------------------------------------------------------+
|KNOWLEDGE | How to use SYSVIEW                                           |
|REQUIRED  |                                                              |
+----------+--------------------------------------------------------------+
|ACCESS    | PVTUSAGE command                                             |
|REQUIRED  |                                                              |
+----------+--------------------------------------------------------------+
**************************
* STEPS    TO    PERFORM *
**************************
Two new fields are being added to the PVTUSAGE command display:
LimA  - Private storage adjusted user limit.
This is the current amount of storage available for allocation
to the USR region in PVT.
ELimA - E-Private storage adjusted user limit.
This is the current amount of storage available for allocation
to the E-USR region in E-PVT.
).
++HOLD (LU01511) SYSTEM FMID(CNM4G00)
REASON (RESTART)   DATE (21168)
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  |                                                              |
+----------+--------------------------------------------------------------+
|ACCESS    | Product libraries                                            |
|REQUIRED  | Ability to run SYSVIEW for CICS transactions                 |
+----------+--------------------------------------------------------------+
**************************
* STEPS    TO    PERFORM *
**************************
```

Service	Details
	Apply this fix and either recycle any monitored CICS regions, or use the GSVT (terminate) and GSVS (start) transactions to recycle SYSVIEW for CICS within each CICS region.).

Service	Details
LU01522	LU01522 M.C.S. ENTRIES = ++PTF (LU01522) MISSING USER-DEFINED SECURITY COMMAND GROUPS PROBLEM DESCRIPTION: PTFs SO12258 for SYSVIEW 15.0 and SO12257 for SYSVIEW 16.0 introduced an error that can result in user-defined security command groups missing from the new security data set after the security conversion utility, GSVXCNVS, is executed. User-defined security command groups are any security command group that does not start with the prefix "GSV". SYMPTOMS: After the security conversion is executed, the new security data set will be missing all of the user-defined security command groups except for the command group that sorts firt alphabetically. IMPACT: Missing user-defined security command groups will result in unexpected command security authorizations. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13881 Copyright (C) 2021 CA. All rights reserved. R00209-NM4160-SP0 DESC(MISSING USER-DEFINED SECURITY COMMAND GROUPS). ++VER (Z038) FMID (CNM4G00) PRE (SO10853 SO12257) SUP (AS12257 LT01522)

Service	Details
LU01568	LU01568 M.C.S. ENTRIES = ++PTF (LU01568) ABEND S0C4 GSVCXDID WHEN CICS COMMAND FAILS PROBLEM DESCRIPTION: If a SYSVIEW CICS-related command experiences an error while gathering data in a CICS region, it is possible for a S0C4-04 abend to occur in the CICS region while it is attempting to update a SYSVIEW control block in common storage to pass the error return code back. SYMPTOMS: Abend messages similar to the following appear in the CICS job log: GSVC990E CA SYSVIEW for CICS r16.0 Abend information GSVC991E Task GSVCXDIS Module GSVCXDID Offset 000010B2 GSVC992E Abend S0C4 PSW 078C2001 AF1850B2 Ilc 6 Intc 04 BEA 00000000 2F185092 GSVC994E FRR Recovery GSVCZRRX Retry 2F2F4558 Module GSVCXDIS Offset 00000608 GSVC997E User GSVYDTCL Group DEFAULT Profile $NTERNAL Session CICSDATA GSVC996E Registers at entry to abend GSVC995E AR/GR 00: FFF00001/00000000_00000000 01: 00000000/00000000_00000000 GSVC995E AR/GR 02: 00000000/00000000_2F2ED000 03: 00000000/00000000_22D5C000 GSVC995E AR/GR 04: 00000000/00000000_2F2ED000 05: 00000000/00000000_2F2AC000 GSVC995E AR/GR 06: 00000000/00000000_1E067000 07: 00000000/00000000_1FB51100 GSVC995E AR/GR 08: 00000000/00000000_2F185D70 09: 00000000/00000000_2F2A4000 GSVC995E AR/GR 10: 00000000/00000000_27F6A000 11: 00000000/00000000_2F184EB0 GSVC995E AR/GR 12: 00000000/00000000_301A8800 13: 00000000/00000000_2F2A5E58 GSVC995E AR/GR 14: 00000000/00000000_2F185091 15: FFFFFFFE/00000000_0000004C GSVC998E End of symptom dump IMPACT: The SYSVIEW command fails and a dump may be taken in the CICS region. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13910 Copyright (C) 2021 CA. All rights reserved. R00210-NM4160-SP0 DESC(ABEND S0C4 GSVCXDID WHEN CICS COMMAND FAILS). ++VER (Z038) FMID (CNM4G00) PRE (SO12816 SO14894 SO16018) SUP (LT01568) ++HOLD (LU01568) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (21154) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW for CICS | |AFFECTED | | +----------+----------+

Service	Details
	|KNOWLEDGE | Product Administration | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | Ability to run SYSVIEW for CICS transactions | +----------+----------+ ********** * STEPS TO PERFORM * ********** Apply this fix and either recycle any monitored CICS regions, or use the GSVT (terminate) and GSVS (start) transactions to recycle SYSVIEW for CICS within each CICS region.).

Service	Details
LU01687	LU01687 M.C.S. ENTRIES = ++PTF (LU01687) SMFDATA COMMAND RETURNS NO DATA WITHOUT IEFU83 AND IEFU84 PROBLEM DESCRIPTION: If the IEFU83 and IEFU84 exit indicators are removed from the active SMFPRMxx member in the z/OS system PARMLIB when running on z/OS version 2.3 or higher, SMF records of types 0 through 255 that are indicated to be logged to SYSVIEW SMF log streams are not logged, even if the IEFU86 exit is indicated in the active SMFPRMxx member in the system PARMLIB. Additionally, the SMFDATA command display in SYSVIEW will show that no SMF records are being written on the system. SYMPTOMS: No SMF records of types 0 through 255 are written to the SYSVIEW SMF log streams. The SMFDATA command shows a zero count for all record types from 0 to 255. The total record count will also be zero unless there are SMF records being recorded with extended record types, meaning type 256 and higher. IMPACT: The SMFDATA display does not accurately show the count of records being written by the system and other SMF record producing applications for all SMF records of types 0 through 255. SMF records needed by SYSVIEW are not being logged to the SYSVIEW SMF log streams CIRCUMVENTION: Replace the exit indicators for IEFU83 and IEFU84 in the active SMFPRMxx member on the system. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13916 Copyright (C) 2021 CA. All rights reserved. R00211-NM4160-SP0 DESC(SMFDATA COMMAND RETURNS NO DATA WITHOUT IEFU83 AND IEFU84). ++VER (Z038) FMID (CNM4G00) PRE (LU00894 SO09059 SO10680 SO11875 SO16108) SUP (LT00838 LT01687 LU00838)

Service	Details
LU01773	LU01773 M.C.S. ENTRIES = ++PTF (LU01773) PROCINFO XSDATA DISPLAYING INVALID DATA PROBLEM DESCRIPTION: By default, the PROCINFO command will display a list of all possible processors. PROCINFO accepts a HOME parameter that will only display one row that contains the processor in use. Cross-system mode is supported for PROCINFO. When executing in cross-system mode, the HOME option is automatically set so that only one row will be displayed for each of the connected systems containing the processor in use by each respective system. To execute PROCINFO in cross-system mode, either the XSDATA parameter can be passed to the command or the PROCINFO XSDATA profile value can be set. Currently, if the PROCINFO XSDATA profile value is set to YES, the PROCINFO command will not correctly set the HOME option when executing in cross-system mode and invalid data will be displayed. SYMPTOMS: When PROCINFO is executed in cross-system mode, it should display one row per system indicating the processor used by the system. The symptoms of this bug include multiple rows containing invalid data displayed for all systems. IMPACT: Unable to view PROCINFO data in cross-system mode. CIRCUMVENTION: To execute PROCINFO in cross-system mode, pass the XSDATA parameter to the PROCINFO command. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14032 Copyright (C) 2021 CA. All rights reserved. R00213-NM4160-SP0 DESC(PROCINFO XSDATA DISPLAYING INVALID DATA). ++VER (Z038) FMID (CNM4G00) PRE (LU00548 LU01071) SUP (CL00548 LT01773)

Service	Details
LU01826	LU01826 M.C.S. ENTRIES = ++PTF (LU01826) GSV2094E PARM TOO LONG ENTERING DCLIST NOXSYSTEM PROBLEM DESCRIPTION: The maximum parameter length on the DCLIST command is 8, which does not accommodate the NOXSYSTEM parameter. SYMPTOMS: Entering command DCLIST NOXSYSTEM fails with: GSV2094E <keyword> parameter too long, max length is 8 IMPACT: Error message is received. CIRCUMVENTION: Abbreviate the parameter to DCLIST NOXSYS. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14053 Copyright (C) 2021 CA. All rights reserved. R00214-NM4160-SP0 DESC(GSV2094E PARM TOO LONG ENTERING DCLIST NOXSYSTEM). ++VER (Z038) FMID (CNM4G00) PRE (LU00527) SUP (LT01826)

Service	Details
LU01855	LU01855 M.C.S. ENTRIES = ++PTF (LU01855) JVM AGENT GPF CRASH CAUSED BY MONZCNREQ DISABLED PROBLEM DESCRIPTION: The SYSVIEW JVM Data Collector Agent supports monitoring z/OS Connect Enterprise Edition servers. To enable z/OS Connect monitoring, the monzcn option can be passed to the JVM agent. To provide additional, real-time statistics, the JVM agent will install SYSVIEW-owned interceptors into the z/OS Connect server. In order to control whether SYSVIEW will attempt to install the interceptors is controlled by the monzcnreq option that can be passed to the JVM agent. If the monzcn option is ENABLED and the monzcnreq option is either DISABLED or is not passed to the agent at all, the JVM agent will crash when attempting to navigate to either the ZCNLIST or ZCNAPIS displays. This crash will lead to the z/OS Connect server also shutting down. Prior to this fix, the following message could be seen when the JVM agent was going through its initialization process regardless if monzcnreq was enabled or not: GSV1048I z/OS Connect interceptors for CA SYSVIEW installation started This message is misleading if monzcnreq is disabled as the SYSVIEW interceptors will not get installed. This message is now replaced with the following message: GSV1050I z/OS Connect Java classes for CA SYSVIEW loading started This message is now output when the initialization process ends: GSV1050I z/OS Connect Java classes for CA SYSVIEW loading completed. The message GSV1048I will still be output when monzcnreq is enabled and the SYSVIEW interceptors are being installed. SYMPTOMS: For a z/OS Connect server monitored by the SYSVIEW JVM Data Collector Agent with the monzcn option enabled and the monzcnreq option disabled, the z/OS Connect server will crash after navigating to the ZCNLIST or ZCNAPIS displays. In the z/OS Connect server job log, the following message will be seen: JVMDUMP039I Processing dump event "gpf", detail "" IMPACT: Unexpected shutdown of z/OS Connect server. CIRCUMVENTION: Set the monzcnreq option to ENABLE. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14073 Copyright (C) 2021 CA. All rights reserved. R00215-NM4160-SP0 DESC(JVM AGENT GPF CRASH CAUSED BY MONZCNREQ DISABLED). ++VER (Z038) FMID (CNM4G00) PRE (LU00548 LU00951 LU01064 SO08681 SO08743 SO08793 SO09059 SO09589 SO10269 SO10316 SO10680 SO11028 SO11632 SO11642 SO12125 SO12347 SO12629 SO12816 SO13187 SO14533 SO14894 SO15210 SO15790 SO16018 SO16108) SUP (IC08481 LT01855) ++HOLD (LU01855) SYSTEM FMID(CNM4G00)

<table>
<tr><th>Service</th><th>Details</th></tr>
<tr><td></td><td>REASON (RESTART) DATE (21175)
COMMENT (
+--+
| CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 |
+----------+---+
|SEQUENCE | After Apply |
+----------+---+
|PURPOSE | To implement the fix |
+----------+---+
|USERS | |
|AFFECTED | All users of SYSVIEW |
+----------+---+
|KNOWLEDGE | |
|REQUIRED | Product Administration |
+----------+---+
|ACCESS | |
|REQUIRED | Product libraries |
+----------+---+
****
* STEPS TO PERFORM *
****
If you do not use the JVM component then this HOLD can be ignored.
After applying this PTF, the JVM data collector agent run-time binaries
will need to be deployed to your site's run-time environment, followed
by a stop and start of your JVMs. Follow these steps to implement the
change:
1. Deploy the agent run-time from the SMP/E managed directory
"../cnm4g00/CNM4JVMD/" (DDDEF CNM4JVMD) to the run-time directory
"../cnm4g00/runtime/".
The deploy can be performed by running the install job
sysviewhlq.SAMPJCL(INST0006).
2. Stop the JVMs configured to run the agent.
Note that some address spaces such as CICS can have multiple JVMs.
All JVMs in the address space must be stopped at the same time.
3. Start the JVMs configured to run the agent.
Notes:
1. It is not required to immediately stop and start your JVMs to pick
up the updated JVM data collector agent. A back-level agent will
continue to communicate with a higher level SYSVIEW STC. It is
recommended to keep the agent in sync with the SYSVIEW STC so the
latest features and bug fixes are active in the agent.
2. The following SYSVIEW commands can be used to identify JVMs
configured to run an agent that are currently running on a system:
JVMARGS SYSTEM ; SELECT ARGUMENT CN -AGENTPATH
Ensure all run-time directories are updated with the new binaries.
).
BINARY
LINK('../libgsvoagt1.so')
PARM(PATHMODE(0,7,7,5)) .
BINARY
LINK('../libgsvoagt4.so')
PARM(PATHMODE(0,7,7,5)) .</td></tr>
</table>

Service	Details
LU01896	LU01896 M.C.S. ENTRIES = ++PTF (LU01896) NEW REXX DUMP FUNCTION AND SESSION STORAGE MONITORING ENHANCEMENT DESCRIPTION: This PTF contains the following enhancements to SYSVIEW. 1. New REXX function DUMP. A REXX function named DUMP was added to allow a SYSVIEW user to write a REXX EXEC that runs under a SYSVIEW session to extract virtual storage contents. More information can be found under the product help topic named "REXX functions". 2. New diagnostic LISTSTG REXX-based command. A diagnostic LISTSTG REXX-based command was added to enable Technical Support to better diagnose SYSVIEW session storage issues. The command can be invoked with a STG line command on ASADMIN, SRVRSTAT, and USERS. This command is an internal product diagnostic command whose function and content are subject to change without notice. Use the command only at the direction of Technical Support. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 13829 Copyright (C) 2021 CA. All rights reserved. R00216-NM4160-SP0 DESC(NEW REXX DUMP FUNCTION AND SESSION STORAGE MONITORING). ++VER (Z038) FMID (CNM4G00) PRE (SO09059 SO09589 SO10098 SO10680 SO10853 SO11028 SO13701 SO14533 SO15081 SO16292) SUP (LT01896) ++HOLD (LU01896) SYSTEM FMID(CNM4G00) REASON (ENH) DATE (21176) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | | +----------+----------+ ********** * STEPS TO PERFORM * ********** ENHANCEMENT DESCRIPTION: This PTF contains the following enhancements to SYSVIEW. 1. New REXX function DUMP.

Service	Details
	A REXX function named DUMP was added to allow a SYSVIEW user to write a REXX EXEC that runs under a SYSVIEW session to extract virtual storage contents. More information can be found under the product help topic named "REXX functions". 2. New diagnostic LISTSTG REXX-based command. A diagnostic LISTSTG REXX-based command was added to enable Technical Support to better diagnose SYSVIEW session storage issues. The command can be invoked with a STG line command on ASADMIN, SRVRSTAT, and USERS. This command is an internal product diagnostic command whose function and content are subject to change without notice. Use the command only at the direction of Technical Support.). MCS LU01276 STARTS ON PAGE 0002 MCS LU01501 STARTS ON PAGE 0003 MCS LU01511 STARTS ON PAGE 0004 MCS LU01522 STARTS ON PAGE 0007 MCS LU01568 STARTS ON PAGE 0008 MCS LU01687 STARTS ON PAGE 0010 MCS LU01773 STARTS ON PAGE 0011 MCS LU01826 STARTS ON PAGE 0012 MCS LU01855 STARTS ON PAGE 0012 MCS LU01896 STARTS ON PAGE 0015

Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00

The CA RS 2107 Product/Component Count for this release is 1

CA RS Level	Service	FMID
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
	LU00395	CNM4G00
CAR2103	SO16310	CNM4G00
	LU00279	CNM4G00
CAR2102	SO16292	CNM4G00
	SO16215	CNM4G00
	SO16213	CNM4G00

CA RS Level	Service	FMID
	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
	SO13364	CNM4G00
	SO13186	CNM4G00
CAR2008	SO14130	CNM4G00
	SO14092	CNM4G00
	SO14004	CNM4G00
	SO13996	CNM4G00

CA RS Level	Service	FMID
	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
	SO12200	CNM4G00
	SO12163	CNM4G00
CAR2003	SO12125	CNM4G00
	SO12051	CNM4G00
	SO12050	CNM4G00
	SO11959	CNM4G00

CA RS Level	Service	FMID
	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
	SO09632	CNM4G00
CAR1909	SO09772	CNM4G00
	SO09681	CNM4G00
	SO09650	CNM4G00
	SO09607	CNM4G00
	SO09589	CNM4G00

CA RS Level	Service	FMID
	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