SYSVIEW Performance Management 17.0
CA RS 2211 Service List

Service	Description	Type
LU06849	ABEND S0C4 OR GPF CRASH ISSUING Z/OS CONNECT COMMANDS	PTF
LU07136	AUDIT RECORD NOT GENERATED FOR ADMIN FOR SECURITY CMD	PTF
LU07310	POSSIBLE LOOP CONDITION WHEN STARTING APPLMON TASK	PTF
LU07528	SOFTWARE & STATUS COMMANDS OPS/MVS, RACF, & JES2 VERSIONS	PTF
LU07568	IMSREGNS CLASS FIELD ALTER TARGETS WRONG IMS ID	PTF
LU07573	ABEND S0C4 IMS LOGGER PROCESSING FASTPATH TRANSACTION	PTF
LU07579	ABEND S0C4-38 ISSUING THE JPATH COMMAND	PTF
LU07602	GSV1048E Z/OS CONNECT JVM AGENT INTERCEPTOR FAILED	PTF
LU07607	ALERT COMMANDS DO NOT WORK IN XSYSTEM MODE	PTF
LU07661	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07671	MSMU0001E UNEXPECTED ERROR DURING CSM DEPLOYMENT	PTF
LU07693	ABEND S0C4 GSVKIRLL ISSUING IRLMLOCK COMMAND	PTF
LU07727	ABEND S0C4-11 ISSUING IPPORTS COMMAND	PTF
LU07759	NEW IMS TRANSACTION AND REGION SUMMARY METRICS, FASTMON EXIT	PTF
LU07870	CICS_SYS_TRANRATE METRIC VALUE INCORRECT	PTF

The CA RS 2211 service count for this release is 15

FMID	Service	Description	Type
CNM4H00	LU06849	ABEND S0C4 OR GPF CRASH ISSUING Z/OS CONNECT COMMANDS	PTF
	LU07136	AUDIT RECORD NOT GENERATED FOR ADMIN FOR SECURITY CMD	PTF
	LU07310	POSSIBLE LOOP CONDITION WHEN STARTING APPLMON TASK	PTF
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	LU07693	ABEND S0C4 GSVKIRLL ISSUING IRLMLOCK COMMAND	PTF
	LU07727	ABEND S0C4-11 ISSUING IPPORTS COMMAND	PTF
	LU07759	NEW IMS TRANSACTION AND REGION SUMMARY METRICS, FASTMON EXIT	PTF
	LU07870	CICS_SYS_TRANRATE METRIC VALUE INCORRECT	PTF

The CA RS 2211 service count for this FMID is 15

Service	Details

LU06849	LU06849 M.C.S. ENTRIES = ++PTF (LU06849)
	
	ABEND S0C4 OR GPF CRASH ISSUING Z/OS CONNECT COMMANDS
	PROBLEM DESCRIPTION:
	It is possible that when using z/OS Connect commands in SYSVIEW for
	z/OS Connect servers monitored by SYSVIEW's JVM agent, the agent can
	cause a S0C4 abend or the server to crash. This can occur on any of
	the z/OS Connect commands that display data.
	SYMPTOMS:
	In the reported case, the ZCNURIS command was observed to cause the error.
	If SYSVIEW 16.0 PTF LU04349 is not applied, the z/OS Connect server
	will crash and the following messages will be output to the server job log:
	JVMDUMP039I Processing dump event "gpf", detail ""
	JVMDUMP051I JIT dump occurred in 'CA SYSVIEW - eXternalDataInterface' thread
	If PTF LU04349 is applied or you are running SYSVIEW 17.0, the z/OS Connect
	server will not crash but memory can be orphaned within the JVM and a
	S0C4-4 abend will occur. The following messages will be output to the
	SYSVIEW JVM agent log:
	GSV1022E Storage free failed TCB thread address rc 16 rsn1 0 rsn2 0
	GSV1099I Abend code=940C4000 reason=00000004 signal=0 loc=48781B00
	IMPACT:
	Either the z/OS Connect server will crash, or a S0C4-4 abend will occur
	in the agent but the z/OS Connect server will not crash, as described
	above.
	CIRCUMVENTION:
	None.
	PRODUCT(S) AFFECTED:
	SYSVIEW Performance Management Version 16.0
	SYSVIEW Performance Management Version 17.0
	Related Problem:
	SYSVW 17915
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	R00003-NM4170
	
	DESC(ABEND S0C4 OR GPF CRASH ISSUING Z/OS CONNECT COMMANDS).
	++VER (Z038)
	FMID (CNM4H00)
	SUP (LT06849)
	++HOLD (LU06849) SYSTEM FMID(CNM4H00)
	REASON (RESTART) DATE (22277)
	COMMENT (
	<pre>+---+
	| SYSVIEW Performance Management Version 17.0 |
	+----------+--+
	|SEQUENCE | After Apply |
	+----------+--+
	|PURPOSE | To implement the fix |
	+----------+--+
	|USERS | All users of JVM monitoring in SYSVIEW |
	|AFFECTED | |
	+----------+--+
	|KNOWLEDGE | SYSVIEW JVM monitoring administration |
	|REQUIRED | |
	+----------+--+</pre>

Service	Details

	`|ACCESS    | Product libraries                                     |`
	`|REQUIRED  | Monitored JVM libraries                               |`
	`+----------+------------------------------------------------------------+`
	`**************************`
	`*  STEPS    TO     PERFORM *`
	`**************************`
	If you do not use the JVM component then this HOLD can be ignored.
	1. Apply the PTF.
	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. Stop the SYSVIEW STCs, GSSA, and any user sessions.
	4. Deploy the agent run-time from the SMP/E managed directory
	"../cnm4h00/CNM4JVMD/" (DDDEF CNM4JVMD) to the run-time directory
	"../cnm4h00/runtime/".
	The deploy can be performed by running the install job
	sysviewhlq.SAMPJCL(INST0006).
	5. Start the SYSVIEW STCs, GSSA, and any user sessions.
	6. 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.
	).
	LINK('../libgsvoagt1.so') PARM(PATHMODE(0,7,7,5)).
	LINK('../libgsvoagt4.so') PARM(PATHMODE(0,7,7,5)).

Service	Details
LU07136	LU07136 M.C.S. ENTRIES = ++PTF (LU07136) REWORK(2022280) AUDIT RECORD NOT GENERATED FOR ADMIN FOR SECURITY CMD PROBLEM DESCRIPTION: When a SYSVIEW administrator issues the SECURITY command, an AUDIT record is not produced even when the 'L' (logging) action is turned on for it in the Commands Section of security. The 'M' (message) option is also bypassed in this same scenario. SYMPTOMS: Log and/or Message is turned on for the SECURITY command but no AUDIT record or message is produced for anyone defined as an ADMIN. IMPACT: No audit trail when an Administrator issues the SECURITY command. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18151 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00008-NM4170 DESC(AUDIT RECORD NOT GENERATED FOR ADMIN FOR SECURITY CMD). ++VER (Z038) FMID (CNM4H00) SUP (LT07136)

Service	Details
LU07310	LU07310 M.C.S. ENTRIES = ++PTF (LU07310) REWORK(2022279) POSSIBLE LOOP CONDITION WHEN STARTING APPLMON TASK PROBLEM DESCRIPTION: When starting SYSVIEW and the APPLMON and MVSDATA subtasks are started, a possible looping condition may occur when APPLMON references the dataspace it uses for collection. The functionality of the APPLMON subtask can be unpredictable when this problem occurs. SYMPTOMS: CPU usage for SYSVIEW address space remains high after start as a result of the looping condition. IMPACT: Large amount of CPU used due to looping condition at startup. CIRCUMVENTION: Stopping and restarting the address space may eliminate the condition but may not eliminate the problem on next start. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18275 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO0009-NM4170 DESC(POSSIBLE LOOP CONDITION WHEN STARTING APPLMON TASK). ++VER (Z038) FMID (CNM4H00) SUP (LT07310)

Service	Details
LU07528	LU07528 M.C.S. ENTRIES = ++PTF (LU07528) SOFTWARE & STATUS COMMANDS OPS/MVS, RACF, & JES2 VERSIONS PROBLEM DESCRIPTION: This fix resolves the following issues: 1. The SOFTWARE command currently displays incorrect versions for OPS/MVS versions 14.00.00 and higher. 2. The SOFTWARE and STATUS commands currently display incorrect version information for RACF. 3. The SOFTWARE and STATUS commands currently do not display the service level for JES2. SYMPTOMS: 1. For OPS/MVS versions 14.00.00 and higher, the SOFTWARE command displays the incorrect version. For these versions, the SOFTWARE command will always display 14.00.00, even if the actual OPS/MVS version is higher. For example, if the OPS/MVS version is 14.00.03, the SOFTWARE command displays 14.00.00. 2. For RACF, the SOFTWARE and STATUS commands always display 7.79.1 as the version. 3. For JES2, the SOFTWARE and STATUS commands do not display the service level. IMPACT: Unable to use the SOFTWARE and STATUS commands to determine the accurate version information for RACF, JES2, and OPS/MVS versions 14.00.00 and higher. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18462 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00016-NM4170 DESC(SOFTWARE & STATUS COMMANDS OPS/MVS, RACF, & JES2 VERSIONS). ++VER (Z038) FMID (CNM4H00) SUP (LT06800 LT06816 LT07528 LU06816)

Service	Details
LU07568	LU07568 M.C.S. ENTRIES = ++PTF (LU07568) REWORK(2022294) IMSREGNS CLASS FIELD ALTER TARGETS WRONG IMS ID PROBLEM DESCRIPTION: The IMSREGNS command allows you to modify the Class field, but the resulting IMS /ASSIGN CLASS command is always issued to which ever IMS id you are currently switched to. To accomodate modifying the Class for an IMS running on a remote system a new field named Plex is being added to the IMSREGNS display. SYMPTOMS: In the reported case the user issued IMSREGNS XSYSTEM and their current asid in SYSVIEW was switched to an IMS on the local system. They overtyped the Class field for a remote IMS, but the /ASSIGN CLASS command was issued to the current target IMS on the local system. IMPACT: The Class alteration may be made in the wrong IMS. CIRCUMVENTION: To alter the Class for an IMS on the local system, first use the IMS command to asid switch to that IMS and then overtype the Class field. To alter the Class for an IMS on a remote system, get in to SYSVIEW on the remote system and make the alteration there locally. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18469 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00017-NM4170 DESC(IMSREGNS CLASS FIELD ALTER TARGETS WRONG IMS ID). ++VER (Z038) FMID (CNM4H00) SUP (LT07568) ++HOLD (LU07568) SYSTEM FMID(CNM4H00) REASON (DOC) DATE (22294) COMMENT (+---+ | SYSVIEW Performance Management Version 17.0 | +---+ *************************** * PUBLICATION * *************************** New field Plex is being added to the IMSREGNS command to display the IMSPLEX the region is a member of.).

Service	Details
LU07573	LU07573 M.C.S. ENTRIES = ++PTF (LU07573) ABEND S0C4 IMS LOGGER PROCESSING FASTPATH TRANSACTION PROBLEM DESCRIPTION: Abend S0C4 in IMS region due to an attempt to process an invalid record type. When trying to process a segmented type 59 record, an error occurs when a subtype 20 is passed when a subtype 50 is expected. This generates an S0C4 in the IMS Logger. SYMPTOMS: S0C4 in IMS logger and the logger automatically restarts. The following error is shown in the IMS region job log and an SVC dump is generated. GSV3099E (GSVPHRTM) Error occurred during LLGR intercept processing IMPACT: SVC dump is taken and the IMS Logger is restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18169 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00018-NM4170 DESC(ABEND S0C4 IMS LOGGER PROCESSING FASTPATH TRANSACTION). ++VER (Z038) FMID (CNM4H00) SUP (LT07573)

Service	Details
LU07579	LU07579 M.C.S. ENTRIES = ++PTF (LU07579) ABEND S0C4-38 ISSUING THE JPATH COMMAND PROBLEM DESCRIPTION: S0C4-38 ABEND in GSVXSTGR may occur when issuing the JPATHS command when the number of paths exceeds 800. SYMPTOMS: S0C4-38 ABEND issuing JPATHS and the following messages produced. GSVX451E ABEND S0C4-38 IN JPATHS COMMAND GSVX472I USERID ?????? TERMINAL ######## INTERFACE ISP GSVX457I PSW 078C2001 ADF42780 ILC 6 INTC 38 GSVX477I KEY 8 STATE SUP AM 64 ASC PRI GSVX458I MODULE GSVXNUC ADDR 2D890000 OFFSET 006B2780 GSVX458I NUCMOD GSVXSTGR ADDR 2DF3F630 OFFSET 00003150 GSVX450I FIXLVL LU02534 GSVX473I ROUTNE GETG$$ ADDR 2DF425A8 OFFSET 000001D8 GSVX459I DATA AT PSW ADDR 2DF4277A GSVX460I 3010A7F4 0005D207 F0103010 GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND GSVX467I R0-R1 00000000_00000249 40404040_40404040 GSVX467I R2-R3 00000050_00000000 00000050_0071B1E0 GSVX467I R4-R5 00000000_00000024 00000000_006E9DE0 GSVX467I R6-R7 00000000_0071B288 00000000_2E3B3254 GSVX467I R8-R9 00000000_2E209000 00000000_2E144000 GSVX467I R10-R11 00000000_2DF443C0 00000000_2D88A000 GSVX467I R12-R13 00000000_2DF425A8 00000000_2E145EB8 GSVX467I R14-R15 00000000_2E145EB8 40404040_40404040 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 GSVX462I END OF SYMPTOM DUMP GSVX950I SVCDUMP REQUESTED IMPACT: User session terminates with S0C4-38 ABEND CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18477 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00019-NM4170 DESC(ABEND S0C4-38 ISSUING THE JPATH COMMAND). ++VER (Z038) FMID (CNM4H00) SUP (LT07579)

Service	Details
LU07602	LU07602 M.C.S. ENTRIES = ++PTF (LU07602) REWORK(2022300)

GSV1048E Z/OS CONNECT JVM AGENT INTERCEPTOR FAILED

PROBLEM DESCRIPTION:

When the SYSVIEW JVM agent is configured to monitor a z/OS Connect
server, there are several Java classes that the agent depends on
being available within the z/OS Connect JVM. If any of the classes
can not be located, the agent initialization will fail. In the case
where the MonZcnReq option is enabled on the agent, SYSVIEW will install
an interceptor into the z/OS Connect server. This requires several more
Java classes that the agent depends on to install the interceptor.
It is possible for the JVM agent to erroneously fail to find a Java
class that is dependent on installing the SYSVIEW interceptor.

SYMPTOMS:

The following symptoms only occur if MonZcnReq is enabled on the
SYSVIEW JVM agent.
The following message will appear in the z/OS Connect job log:
GSV1048E z/OS Connect interceptors for CA SYSVIEW installation failed
defining java classes
If the LOGLEVEL parameter is set to DEBUG on the JVM agent, the following
message will appear in the agent log:
GSV1020E Failed to get jo_tmpObj
If SYSVIEW 16.0 PTF LU02613 is applied or SYSVIEW 17.0 is in use, the
MonZcnReq field on the ZCNLIST command will have the value "FAILED".
Otherwise, the MonZcnReq field will have the value "DISABLED".

IMPACT:

z/OS Connect performance statistics are not available in SYSVIEW.

CIRCUMVENTION:

None.

PRODUCT(S) AFFECTED:

SYSVIEW Performance Management   Version 16.0

SYSVIEW Performance Management   Version 17.0

Related Problem:

SYSVW 18510

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R00020-NM4170

DESC(GSV1048E Z/OS CONNECT JVM AGENT INTERCEPTOR FAILED).

++VER (Z038)

FMID (CNM4H00)

PRE (LU06849)

SUP (LT07602)

++HOLD (LU07602) SYSTEM FMID(CNM4H00)

REASON (RESTART)   DATE (22300)

COMMENT (

```
+----------------------------------------------------------------------+
|      SYSVIEW Performance Management                 Version 17.0     |
+----------+-----------------------------------------------------------+
|SEQUENCE  | After Apply                                               |
+----------+-----------------------------------------------------------+
|PURPOSE   | To implement the fix                                      |
+----------+-----------------------------------------------------------+
|USERS     | All users of JVM monitoring in SYSVIEW                    |
|AFFECTED  |                                                           |
```

Service	Details
| | ```
+----------+-------------------------------------------------------+
|KNOWLEDGE | SYSVIEW JVM monitoring administration                 |
|REQUIRED  |                                                       |
+----------+-------------------------------------------------------+
|ACCESS    | Product libraries                                     |
|REQUIRED  | Monitored JVM libraries                               |
+----------+-------------------------------------------------------+
**************************
* STEPS    TO    PERFORM *
**************************
If you do not use the JVM component then this HOLD can be ignored.
1. Apply the PTF.
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. Stop the SYSVIEW STCs, GSSA, and any user sessions.
4. 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).
5. Start the SYSVIEW STCs, GSSA, and any user sessions.
6. 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.
).
LINK('../libgsvoagt1.so') PARM(PATHMODE(0,7,7,5)).
LINK('../libgsvoagt4.so') PARM(PATHMODE(0,7,7,5)).
``` |

Service	Details
LU07607	LU07607 M.C.S. ENTRIES = ++PTF (LU07607) REWORK(2022279) ALERT COMMANDS DO NOT WORK IN XSYSTEM MODE PROBLEM DESCRIPTION: When an alert-related display command is issued in XSYSTEM mode in SYSVIEW 17.0, it is not displaying alerts from other systems running SYSVIEW 17.0 due to an incorrect internal version in the XSDS subtask. SYMPTOMS: Issuing ALERTS XSYSTEM does not show alerts from remote systems, only for the local system. Same problem exists for the other alert commands: CALERTS IMSALERT JVMALERT MQALERTS TCPALERT Note that due to changes made to exception definitions and alerts in SYSVIEW 17.0, the above alert commands will only work in XSYSTEM mode with other 17.0 systems. They are, and will continue to be, incompatible with older SYSVIEW releases. IMPACT: Cannot view alerts from all systems in a single spot. You must log on to each system to view its alerts. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18483 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00021-NM4170 DESC(ALERT COMMANDS DO NOT WORK IN XSYSTEM MODE). ++VER (Z038) FMID (CNM4H00) SUP (LT07607)

Service	Details
LU07661	LU07661 M.C.S. ENTRIES = ++PTF (LU07661) REWORK(2022280) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18532 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00022-NM4170 DESC(SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CNM4H00) SUP (AC07645 LT07661)

Service	Details
LU07671	LU07671 M.C.S. ENTRIES = ++PTF (LU07671) REWORK(2022297) MSMU0001E UNEXPECTED ERROR DURING CSM DEPLOYMENT PROBLEM DESCRIPTION: When attempting to use CSM for Deployment for SYSVIEW 17.0, an error is received indicating an unexpected error has occurred and the deployment terminates. SYMPTOMS: After installing SYSVIEW 17.0 with CSM and then attempting to deploy the configuration, the following error is encountered and deployment stops. MSMU0001E - An unexpected error has occurred IMPACT: Unable to deploy CSM configuration with SYSVIEW 17.0. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18544 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00023-NM4170 DESC(MSMU0001E UNEXPECTED ERROR DURING CSM DEPLOYMENT). ++VER (Z038) FMID (CNM4H00) SUP (LT07671)

Service	Details
LU07693	LU07693 M.C.S. ENTRIES = ++PTF (LU07693) REWORK(2022285) ABEND S0C4 GSVKIRLL ISSUING IRLMLOCK COMMAND PROBLEM DESCRIPTION: An abend may occur when issuing the IRLMLOCK command due to an invalid ASCB address being referenced. SYMPTOMS: Abend S0C4-10 or S0C4-11 in module GSVKIRLL routine FMT$DATA when issuing the IRLMLOCK command, with abend messages similar to the following: GSVX451E Abend S0C4-10 in IRLMLOCK command GSVX472I Userid xxxxxxx Terminal xxxxxxxx Interface VTAM GSVX457I Psw 070C1000 BC711B46 Ilc 6 Intc 10 GSVX477I Key 0 State SUP Am 31 Asc PRI GSVX458I Module GSVKIRLL Addr 3C710000 Offset 00001B46 GSVX450I FixLvl LU07410 GSVX473I Routne FMT$DATA Addr 3C7118F0 Offset 00000256 GSVX459I Data at PSW addr 3C711B40 GSVX460I 304C4780 C770D201 98E21024 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_00000000 00000000_C1C4F0F4 GSVX467I R2-R3 00000000_3C74F060 00000000_23754420 GSVX467I R4-R5 00000000_3C710000 00000000_0000004F GSVX467I R6-R7 00000000_3B7F7D50 00000000_00000000 GSVX467I R8-R9 00000000_3C1FDDC0 00000000_3C74E2D0 GSVX467I R10-R11 00000000_3C713620 00000000_3B6A3000 GSVX467I R12-R13 00000000_3C7118F0 00000000_3C74B1F8 GSVX467I R14-R15 00000000_BC711A56 00000000_00000000 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 GSVX462I End of symptom dump IMPACT: Unable to display DB2 or IMS lock data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18573 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00024-NM4170 DESC(ABEND S0C4 GSVKIRLL ISSUING IRLMLOCK COMMAND). ++VER (Z038) FMID (CNM4H00) SUP (LT07410 LT07693 LU07410)

Service	Details
LU07727	LU07727 M.C.S. ENTRIES = ++PTF (LU07727) REWORK(2022290) ABEND S0C4-11 ISSUING IPPORTS COMMAND PROBLEM DESCRIPTION: Issuing IPPORTS command can result in a S0C4-11 when a zero port count is detected. SYMPTOMS: S0C4 issuing IPPORTS when there are no Port entries defined. Message similar to the following are seen during the abend. GSVX451E ABEND S0C4-11 IN IPPORTS COMMAND GSVX472I USERID ????? TERMINAL ######## INTERFACE VTAM GSVX452I SYSVIEW SRB IN CONTROL AT ENTRY TO ABEND GSVX453I DIAGNOSTICS FOR SRB IN CONTROL AT ENTRY TO ABEND GSVX457I PSW 078C2000 947042F4 ILC 4 INTC 11 GSVX477I KEY 8 STATE SUP AM 31 ASC PRI GSVX458I MODULE GSVNPORT ADDR 14702FE8 OFFSET 0000130C GSVX450I FIXLVL BASE GSVX473I ROUTNE FMT$DATA ADDR 14703D50 OFFSET 000005A4 GSVX459I DATA AT PSW ADDR 147042EE GSVX460I D23F94D8 BFFC9180 60064780 GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND GSVX467I R0-R1 00000000_00013E52 00000055_40000000 GSVX467I R2-R3 00000000_FFFEC1AE 00000000_00000017 GSVX467I R4-R5 00000000_1501610C 00000000_15016060 GSVX467I R6-R7 00000000_153D1000 00000000_1463DC90 GSVX467I R8-R9 00000000_1444E8E0 00000000_146D3060 GSVX467I R10-R11 00000000_147048A0 00000000_1421E000 GSVX467I R12-R13 00000000_14703D50 00000000_1470C1F8 GSVX467I R14-R15 00000000_146D35EC 00000000_00000000 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 IMPACT: Session terminates and SVC dump is produced. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18597 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00026-NM4170 DESC(ABEND S0C4-11 ISSUING IPPORTS COMMAND). ++VER (Z038) FMID (CNM4H00) SUP (LT07727)

Service	Details
LU07759	LU07759 M.C.S. ENTRIES = ++PTF (LU07759) REWORK(2022300) NEW IMS TRANSACTION AND REGION SUMMARY METRICS, FASTMON EXIT ENHANCEMENT DESCRIPTION: This feature PTF enhances CA SYSVIEW's IMS component by providing additional metrics for both IMS Transaction Detail records and IMS Region Summary records. Additionally, these new metrics, as well as existing metrics, have been made available to the Report Writer by defining them in new sample members. Support for the IMS FASTMON user exit has also been provided. FASTMON is optimized to minimize performance overhead when compared to the IMSMON user exit used to collect IMS Monitor data. This feature PTF contains the following enhancements and changes: 1. Transaction Detail record updates (SMF 255-34): New Metric Description -------------------- ------------------------------- IMTR_CNT_Bytes_In Total input message bytes IMTR_CNT_Bytes_Out Total output message bytes IMTR_CLK_OpnCls_Elap DLI OPEN/CLOSE elapsed time Updates to the IMS transaction record formatting module GSVPF034 have been made to display these new fields. 2. Region Summary record updates (SMF 255-35): New Metric Description -------------------- ------------------------------- IMRA_CNT_Bytes_In Average input message bytes IMRA_CNT_Bytes_Out Average output message bytes IMRA_OpnCls_Elap DLI OPEN/CLOSE elapsed time Updates to the IMS region summary record formatting module GSVPF035 have been made to display these new fields. 3. New Report Writer samples: CNM4RSAM Member Description -------------------- ------------------------------- GSVSMF34 Tran Detail record definitions GSVSMF35 Region Summ record definitions IMS006A IMS request statistics IMS007 DL/I request timing data IMS008 Request summary by job and tran IMS009 Event counts by database and job IMS010 Region timing and residency IMS011 Transaction summary by user id 4. FASTMON User Exit support: If you have the existing IMSMON user exit GSVPDCMX defined in your DFSDFnnn IMS PROCLIB member, it can be replaced with the more efficient FASTMON user exit GSVPDCMF. See the updated topic 'IMS Monitor User Exits' in HELP member GSVT0077 for more details. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 17910 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00027-NM4170 DESC(NEW IMS TRANSACTION AND REGION SUMMARY METRICS, FASTMON EXIT).

Service	Details
	++VER (Z038)
	FMID (CNM4H00)
	SUP (LT07371 LT07495 LT07568 LT07759 LU07371 LU07495 LU07568)

Service	Details
LU07870	LU07870 M.C.S. ENTRIES = ++PTF (LU07870) REWORK(2022300)

```
CICS_SYS_TRANRATE METRIC VALUE INCORRECT
PROBLEM DESCRIPTION:
The value for CICS data collection metric CICS_SYS_TranRate (metric
alias TRANRATE) is being calculated incorrectly.
SYMPTOMS:
The CICS_SYS_TranRate metric value is incorrect; it may often show a
value of zero.
IMPACT:
CICS_SYS_TranRate metric value is incorrect and may not accurately
trigger exception alerts.
CIRCUMVENTION:
None.
PRODUCT(S) AFFECTED:
SYSVIEW Performance Management                            Version 17.0
Related Problem:
SYSVW 18725
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R00029-NM4170


DESC(CICS_SYS_TRANRATE METRIC VALUE INCORRECT).
++VER (Z038)
FMID (CNM4H00)
SUP ( LT07870 )
++HOLD (LU07870) SYSTEM FMID(CNM4H00)
REASON (RESTART)   DATE (22300)
COMMENT (
+----------------------------------------------------------------------+
|      SYSVIEW Performance Management                  Version 17.0    |
+----------+-----------------------------------------------------------+
|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 *
**************************
This PTF requires the SYSVIEW for CICS monitor to be recycled, or
CICS to be recycled.
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 each region.
3. Stop the SYSVIEW STCs, GSSA, and any user sessions.
4. Deploy the PTF to your run-time libraries.
```

Service	Details
	5. Start the SYSVIEW STCs, GSSA, and any user sessions.
	6. Start any CICS regions being monitored by SYSVIEW, or use the GSVS
	(start) transaction to start SYSVIEW for CICS within each region.
	).
	MCS LU06849 STARTS ON PAGE 0002
	MCS LU07136 STARTS ON PAGE 0004
	MCS LU07310 STARTS ON PAGE 0004
	MCS LU07528 STARTS ON PAGE 0005
	MCS LU07568 STARTS ON PAGE 0006
	MCS LU07573 STARTS ON PAGE 0008
	MCS LU07579 STARTS ON PAGE 0008
	MCS LU07602 STARTS ON PAGE 0010
	MCS LU07607 STARTS ON PAGE 0012
	MCS LU07661 STARTS ON PAGE 0013
	MCS LU07671 STARTS ON PAGE 0014
	MCS LU07693 STARTS ON PAGE 0014
	MCS LU07727 STARTS ON PAGE 0016
	MCS LU07759 STARTS ON PAGE 0017
	MCS LU07870 STARTS ON PAGE 0020

Product Family	Product	Release
Performance and Storage	SYSVIEW PERFORMANCE MANAGEMENT	17.00.00

The CA RS 2211 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2211	LU07870	CNM4H00
	LU07759	CNM4H00
	LU07727	CNM4H00
	LU07693	CNM4H00
	LU07671	CNM4H00
	LU07661	CNM4H00
	LU07607	CNM4H00
	LU07602	CNM4H00
	LU07579	CNM4H00
	LU07573	CNM4H00
	LU07568	CNM4H00
	LU07528	CNM4H00
	LU07310	CNM4H00
	LU07136	CNM4H00
	LU06849	CNM4H00
CAR2210	LU07495	CNM4H00
	LU07410	CNM4H00
	LU07378	CNM4H00
	LU07371	CNM4H00
	LU07350	CNM4H00
	LU07313	CNM4H00
CAR2209	LU07044	CNM4H00
	LU07009	CNM4H00
	LU06861	CNM4H00
	LU06816	CNM4H00