Service	Description	Type
LU02535	INVALID DATA RETURNED WITH SNAP COMMAND	PTF
LU02573	ABEND S0C9 XPFRMAIN XPFRPHS3	PTF
LU04131	ABEND S0C4 USING SUMMARY=NO WITH RANGE AND DEFERRED OPTIONS	PTF
LU04147	ABEND SDC2-49003220 AT STARTUP IN CICS W/LU00894	*HIP/PRP*
LU04169	JPLEX LINE COMMAND CONSIDERED TOO AMBIGUOUS	PTF
LU04177	DCOM006E REALDATA FAILED ISSUING DCTASKS W/LU03526	** PRP **
LU04206	CICS TS 6.1 ETP22 OPEN BETA SUPPORT	PTF
LU04281	NEW IMSTRACE FILTERING CRITERIA	PTF
LU04328	S0C1 RUNNING REPORT WRITER ON Z/OS 2.5 SYSTEMS	PTF
LU04342	STALE DATA PROCESSED ON ACTIVITY DISPLAY LINE COMMAND	PTF
LU04349	JVM AGENT UPDATES AND JAVA 11 SUPPORT	*HIP/PRP*
LU04364	IMSRSLOG TRANSACTION NAME MISSING FOR TYPE DBT	PTF
LU04404	DX APM MVS/IMS METRICS/ALERTS MISSING W/SO15518	** PRP **

The CA RS 2202 service count for this release is 13

FMID	Service	Description	Type
CNM4G00	LU02535	INVALID DATA RETURNED WITH SNAP COMMAND	PTF
	LU02573	ABEND S0C9 XPFRMAIN XPFRPHS3	PTF
	LU04131	ABEND S0C4 USING SUMMARY=NO WITH RANGE AND DEFERRED OPTIONS	PTF
	LU04147	ABEND SDC2-49003220 AT STARTUP IN CICS W/LU00894	*HIP/PRP*
	LU04169	JPLEX LINE COMMAND CONSIDERED TOO AMBIGUOUS	PTF
	LU04177	DCOM006E REALDATA FAILED ISSUING DCTASKS W/LU03526	** PRP **
	LU04206	CICS TS 6.1 ETP22 OPEN BETA SUPPORT	PTF
	LU04281	NEW IMSTRACE FILTERING CRITERIA	PTF
	LU04328	S0C1 RUNNING REPORT WRITER ON Z/OS 2.5 SYSTEMS	PTF
	LU04342	STALE DATA PROCESSED ON ACTIVITY DISPLAY LINE COMMAND	PTF
	LU04349	JVM AGENT UPDATES AND JAVA 11 SUPPORT	*HIP/PRP*
	LU04364	IMSRSLOG TRANSACTION NAME MISSING FOR TYPE DBT	PTF
	LU04404	DX APM MVS/IMS METRICS/ALERTS MISSING W/SO15518	** PRP **

The CA RS 2202 service count for this FMID is 13

Service	Details
LU02535	LU02535 M.C.S. ENTRIES = ++PTF (LU02535) INVALID DATA RETURNED WITH SNAP COMMAND PROBLEM DESCRIPTION: When using the SNAP command and the snapped area spans a page boundary, the next Offset address shows zeros incorrectly. When the snapped area crosses a page boundary, SYSVIEW will always start a new line for the next page if it doesn't already start on a quadword boundary. This may leave a partial line of area dumped followed by '*' to fill the remainder of the prior page. SYMPTOMS: The offset for a snapped area shows zeros for the start of the next page boundary. For example: 01AC5FC8 00000000 C9C1E7E5 C8404040 F0F361F2 F961F2F1 *IAXVH 03/29/21* 01AC5FD8 00000010 E4D1F0F5 F1F9F140 C9C1D9E5 C8D7C7C6 *UJ05191 IARVHPGF* 01AC5FE8 00000020 EB0FD008 00249B0F D094B224 0040504D *..}.....}m... &(* 01AC5FF8 00000030 009051DD 0000C0C0 ******** ******** *......{{********* 01AC5FC8 00000000 00008D79 51CC0000 B2190200 58FD00E4 *...`...........U* 01AC6010 00000048 E3ED0000 00045AF0 C00855FE 00A0A7D4 *T.....!O{.....xM* IMPACT: Incorrect snapped data shown. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: SYSVW 14586 Copyright (C) 2022 CA. All rights reserved. R00231-NM4160-SP0 DESC(INVALID DATA RETURNED WITH SNAP COMMAND). ++VER (Z038) FMID (CNM4G00) PRE (LU00548 LU03135 SO14533) SUP (LT01095 LT02535 LU01095)

Service	Details
LU02573	LU02573 M.C.S. ENTRIES = ++PTF (LU02573) ABEND S0C9 XPFRMAIN XPFRPHS3 PROBLEM DESCRIPTION: When processing SYSVIEW CICS log stream data using Report Writer, and ABEND S0C9 can occur. When it does, it appears that data is being produced from dates and times that are outside of the expected limits for the report. SYMPTOMS: An ABEND S0C9 will occur due to the computed time interval of the report is well beyond what is expected and a division overflow occurs. The report produced will also show lines that are well beyond the time range of the data being read into the Report Writer. IMPACT: The reports produced are incorrect. The entries in the report are for unexpected time ranges and the results are inaccurate. And in the end, the summary of the report will produce an ABEND. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 Related Problem: EXPRTO 14640 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(ABEND S0C9 XPFRMAIN XPFRPHS3). ++VER (Z038) FMID (CNM4G00) PRE (LU00849 LU02262 LU03135) SUP (LT02573)

Service	Details
LU04131	LU04131 M.C.S. ENTRIES = ++PTF (LU04131) ABEND S0C4 USING SUMMARY=NO WITH RANGE AND DEFERRED OPTIONS PROBLEM DESCRIPTION: Executing Report Writer using OPTION SUMMARY=NO with RANGE and DEFERRED parms results in abend S0C4-04 in module XPFRPHS3. SYMPTOMS: The following S0C4-04 abend is encountered. SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=10.35.38 SEQ=19636 CPU=0000 ASID=0274 PSW AT TIME OF ERROR 078D2000 BB3ED1A6 ILC 2 INTC 04 ACTIVE MODULE ADDRESS=00000000_3B3E9000 OFFSET=000041A6 NAME=XPFRPHS3 DATA AT PSW 3B3ED1A0 - CD901F55 0EE49845 CD909140 GR 0: D99A0611_00000008 1: D1E0D667_3B1E1A00 2: 00000000_3B120438 3: 00000000_007D9D64 4: 00000000_3B1E194C 5: 00000000_00000000 6: 00000000_3B1E19AC 7: 00000000_BB3EBDF0 8: 00000000_00000008 9: 00000000_3B3ECA88 A: 00000000_3B1204E0 B: 00000000_3B3ED0C0 C: 00000000_80107000 D: 00000000_00007178 E: 00000000_00000034 F: 7F839900_00000020 IMPACT: Report Writer processing ends with an abend. CIRCUMVENTION: Optionally SUMMARY=YES can be used to avoid the abend. PRODUCT(S) AFFECTED: CA Explore Report Writer Version 15.0 CA Explore Report Writer Version 16.0 Related Problem: EXPRTO 15774 Copyright (C) 2022 CA. All rights reserved. R00269-NM4160-SP0 DESC(ABEND S0C4 USING SUMMARY=NO WITH RANGE AND DEFERRED OPTIONS). ++VER (Z038) FMID (CNM4G00) PRE (LU00849 LU03135) SUP (LT04131)

Service	Details
LU04147	LU04147 M.C.S. ENTRIES = ++PTF (LU04147) ABEND SDC2-49003220 AT STARTUP IN CICS W/LU00894 PROBLEM DESCRIPTION: During SYSVIEW startup in a CICS region abend SDC2-49003220 (reason code 0032) may occur due to an IARV64 REQUEST=GETSTOR macro being assembled at z/OS 2.4 with PLISTVER=MAX parameter as part of SYSVIEW PTF LU00894. This problem was reported on a z/OS 2.2 system but could also happen on z/OS 2.3. SYMPTOMS: Abend SDC2-49003220 occurs during SYSVIEW startup and the CICS region crashes: DFHSR0606 CICS1 Abend (code DC2/AKEB) has been detected. DFHME0116 CICS1 601 (Module:DFHMEME) CICS symptom string for message DFHSR0606 is PIDS/5655Y0400 LVLS/700 MS/DFHSR0606 RIDS/DFHSRP PTFS/HCI7000 AB/S0DC2 AB/UAKEB .... DFHKE1800 CICS1 ABNORMAL TERMINATION OF CICS IS COMPLETE. IEF450I CICS1 CICS1 - ABEND=S000 U1800 REASON=00000000 IMPACT: Abend occurs and CICS region abnormally terminates with U1800 abend. CIRCUMVENTION: SMP/E RESTORE PTF LU00894. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15778 Copyright (C) 2022 CA. All rights reserved. R00270-NM4160-SP0 DESC(ABEND SDC2-49003220 AT STARTUP IN CICS W/LU00894). ++VER (Z038) FMID (CNM4G00) PRE (LU00548 LU00894 LU00933 LU02191 LU03135 SO10316 SO11875 SO12816 SO13538 SO14533 SO15206 SO16018) SUP (AL00894 LT04147) ++HOLD (LU04147) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (22010) COMMENT (+---+ | 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 |

Service	Details
	`|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
LU04169	LU04169 M.C.S. ENTRIES = ++PTF (LU04169) JPLEX LINE COMMAND CONSIDERED TOO AMBIGUOUS PROBLEM DESCRIPTION: Currently line commands 'S' and 'ST' on the JPLEX display create the possibility for an unintentional selection that could result in stopping JES. In most cases it would be recommended to have confirmation turned on to verify a command like $PJES2 when it is invoked from the JPLEX display issuing the 'ST' line command. Increasing the required length of the line commands 'S' and 'ST' should decrease the likelyhood of issuing the wrong line command from the JPLEX display. After appyling this fix, STOP and START will now have a minimum of 3 characters required to issue the line commands, i.e. 'STO' and 'STA'. SYMPTOMS: Due to the short abbreviation of the STOP and START line commands on the JPLEX display, it leaves the possibilty of an unintentional selection that could have adverse affects. IMPACT: Possible shutdown of JES due to incorrect line command being issued. CIRCUMVENTION: Turn confirmation on by issuing 'SET CONFIRM YES' so verification of the command is done. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15491 Copyright (C) 2022 CA. All rights reserved. R00271-NM4160-SP0 DESC(JPLEX LINE COMMAND CONSIDERED TOO AMBIGUOUS). ++VER (Z038) FMID (CNM4G00) PRE (LU02191 LU02544 LU03135 SO10497 SO14533) SUP (LT04169)

Service	Details
LU04177	LU04177 M.C.S. ENTRIES = ++PTF (LU04177) DCOM006E REALDATA FAILED ISSUING DCTASKS W/LU03526 PROBLEM DESCRIPTION: With SYSVIEW PTF LU03526 applied the DCTASKS command fails due to an incorrect request code when issued for a Datacom 15.1 MUF. DCTASKS works correctly for MUFs running an earlier version. SYMPTOMS: The following error message is received issuing the DCTASKS command for a Datacom 15.1 MUF: DCOM006E REALDATA request failed, RC 3, RS , FC 51, Job mufname IMPACT: Unable to view active tasks for a 15.1 MUF. CIRCUMVENTION: SMP/E RESTORE PTF LU03526. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15822 Copyright (C) 2022 CA. All rights reserved. R00272-NM4160-SP0 DESC(DCOM006E REALDATA FAILED ISSUING DCTASKS W/LU03526). ++VER (Z038) FMID (CNM4G00) PRE (LU03135 LU03526) SUP (AL03526 LT04177)

Service	Details
LU04206	LU04206 M.C.S. ENTRIES = ++PTF (LU04206) CICS TS 6.1 ETP22 OPEN BETA SUPPORT ENHANCEMENT DESCRIPTION: Compatibility support for IBM CICS Transaction Server (TS) version 6.1 ETP22 Open Beta. In addition to CICS TS 6.1 ETP22 Open Beta support, the following enhancements were added: o Enhanced CICS transaction detail (CTRANLOG) SMF record. The following updates were made to the CICS transaction detail (CTRANLOG) SMF record or were made in support of the changes to the SMF record: * The following field was added to the CICS transaction detail (CTRANLOG) SMF record: Field Description ------------------ --------------------------- MNS_SOFLAG Socket flags The field was added to the GSVSMF27 maclib member. * The SMF record formatter for the CTRANLOG command was updated to display the new SMF field on the SMFRPT when an SMF record is selected. * The following variable was added to EXPLORE Report Writer: Variable Description ------------------ --------------------------- C_SOFLAG Socket flags The variable was added to the GSVSMF27 report sample member. * The following variable was added to Easytrieve: Variable Description ------------------ --------------------------- MNS_SOFLAG Socket flags The variable was added to the GSVSMF27 Easytrieve macro member. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15851 Copyright (C) 2022 CA. All rights reserved. R00273-NM4160-SP0 DESC(CICS TS 6.1 ETP22 OPEN BETA SUPPORT). ++VER (Z038) FMID (CNM4G00) PRE (LU00595 LU00849 LU00894 LU01511 LU02000 LU03000 LU03135 LU03359 LU03433 LU03874 SO09013 SO09059 SO09589 SO10316 SO11875 SO12816 SO13350 SO13538 SO13751 SO14092 SO14533 SO16292) SUP (LT04206) ++HOLD (LU04206) SYSTEM FMID(CNM4G00) REASON (ENH) DATE (22018) COMMENT (+--+ | SYSVIEW Performance Management Version 16.0 | +----------+---+ |SEQUENCE | After Apply | +----------+---+ |PURPOSE | Describe the enhancement |

Service	Details
| | ```
+----------+--------------------------------------------------------+
|USERS     | All users of SYSVIEW for CICS                          |
|AFFECTED  |                                                        |
+----------+--------------------------------------------------------+
|KNOWLEDGE | Product Administration                                 |
|REQUIRED  | CICS Systems Programming                               |
+----------+--------------------------------------------------------+
|ACCESS    | Product libraries                                      |
|REQUIRED  | Ability to run SYSVIEW for CICS transactions           |
+----------+--------------------------------------------------------+
**************************
* STEPS   TO   PERFORM *
**************************
ENHANCEMENT DESCRIPTION:
Compatibility support for IBM CICS Transaction Server (TS) version 6.1
ETP22 Open Beta.
In addition to CICS TS 6.1 ETP22 Open Beta support, the following
enhancements were added:
o  Enhanced CICS transaction detail (CTRANLOG) SMF record.
The following updates were made to the CICS transaction detail
(CTRANLOG) SMF record or were made in support of the changes to the
SMF record:
* The following field was added to the CICS transaction detail
(CTRANLOG) SMF record:
Field              Description
------------------  --------------------------
MNS_SOFLAG          Socket flags
The field was added to the GSVSMF27 maclib member.
* The SMF record formatter for the CTRANLOG command was updated to
display the new SMF field on the SMFRPT when an SMF record is
selected.
* The following variable was added to EXPLORE Report Writer:
Variable           Description
------------------  --------------------------
C_SOFLAG            Socket flags
The variable was added to the GSVSMF27 report sample member.
* The following variable was added to Easytrieve:
Variable           Description
------------------  --------------------------
MNS_SOFLAG          Socket flags
The variable was added to the GSVSMF27 Easytrieve macro member.
).
++HOLD (LU04206) SYSTEM FMID(CNM4G00)
REASON (RESTART)   DATE (22018)
COMMENT (
+----------------------------------------------------------------------+
|     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  | 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.
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.
).
``` |

Service	Details
LU04281	LU04281 M.C.S. ENTRIES = ++PTF (LU04281) NEW IMSTRACE FILTERING CRITERIA ENHANCEMENT DESCRIPTION: This feature adds the ability to specify filtering criteria on the IMSTRACE display. Trace data can now be limited to only events that match all of the filter criteria. Providing filters keeps the trace buffer from filling up prematurely with unwanted data that would otherwise limit the duration of the trace. This feature PTF contains the following enhancements: * Enhanced filtering on the IMSTRACE display. You can now filter trace data using the following criteria: o JobMask Job name or job name mask o TranMask Transaction name or transaction name mask o PSBMask PSB name or PSB name mask o UidMask User ID or User ID mask o TermMask Terminal name or terminal name mask o PSTId PST ID in the range of 1 to 4095 Filter criteria are conjoined with AND to determine a match, so only data matching all filter criteria will be recorded. All masked fields allow for a variable length mask character at the end of the string. No other masking patterns are supported. * The maximum trace interval increases from 1 hour to 12 hours. * A BufUse field was added to the Info Area section of the IMSTRACE display that indicates the percentage of the buffer in use, or percentage full. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15891 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(NEW IMSTRACE FILTERING CRITERIA). ++VER (Z038) FMID (CNM4G00) PRE (LU00527 LU00548 LU00630 LU00951 LU01064 LU01276 LU01855 LU02016 LU02191 LU02316 LU02534 LU02875 LU02954 LU03030 LU03135 LU03153 LU03359 LU03433 LU03781 SO08681 SO08743 SO08793 SO09059 SO09589 SO10098 SO10316 SO10680 SO10853 SO11028 SO11642 SO11865 SO11875 SO12125 SO12629 SO12721 SO12816 SO13240 SO13538 SO14411 SO14442 SO14533 SO14894 SO15081 SO15210 SO16018 SO16108) SUP (LT03284 LT03480 LT04281 LU03284 LU03480)

Service	Details
LU04328	LU04328 M.C.S. ENTRIES = ++PTF (LU04328) S0C1 RUNNING REPORT WRITER ON Z/OS 2.5 SYSTEMS PROBLEM DESCRIPTION: Running Report Writer on a z/OS 2.5 system will result in a S0C1 abend in module XPFRMAIN due to invalid system level checking. SYMPTOMS: Report Writer will abend with a S0C1 resulting in the following. IEA995I SYMPTOM DUMP OUTPUT 958 SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=07.23.41 SEQ=44695 CPU=0000 ASID=036F PSW AT TIME OF ERROR 078D2000 BB600334 ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_3B600000 OFFSET=00000334 NAME=XPFRMAIN DATA AT PSW 3B60032E - 4780B35C 0000C5D9 D9D6D940 AR/GR 0: 00000000/00000000_00100000 1: 00000000/00000000_00000001 2: FFFFFFFF/FFFFFFFF_00006000 3: FFFFFFFF/FFFFFFFF_007D9D64 4: FFFFFFFF/FFFFFFFF_00100000 5: FFFFFFFF/FFFFFFFF_00000001 6: FFFFFFFF/FFFFFFFF_007A6FC8 7: FFFFFFFF/FFFFFFFF_00E9CE80 8: FFFFFFFF/FFFFFFFF_007FD608 9: FFFFFFFF/FFFFFFFF_007F83E8 A: FFFFFFFF/FFFFFFFF_3B61E9F8 B: FFFFFFFF/FFFFFFFF_BB600000 C: FFFFFFFF/FFFFFFFF_00C51198 D: FFFFFFFF/00000000_00006008 E: 00000000/00000000_BB60032E F: 00000000/00000000_3B61EFA0 END OF SYMPTOM DUMP IMPACT: Unable to run Report Writer on z/OS 2.5 systems. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: EXPRTO 15903 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(S0C1 RUNNING REPORT WRITER ON Z/OS 2.5 SYSTEMS). ++VER (Z038) FMID (CNM4G00) PRE (LU00849 LU03135 SO13350) SUP (LT04328)

Service	Details
LU04342	LU04342 M.C.S. ENTRIES = ++PTF (LU04342) STALE DATA PROCESSED ON ACTIVITY DISPLAY LINE COMMAND PROBLEM DESCRIPTION: Stale data may be processed when issuing the FORCE or KILL line command on the ACTIVITY display. If the ACTIVITY display is not refreshed and the job has terminated, followed by one of these line commands, the command is processed as though the job is still active. This may produce a message indicating cancel should be attempted first. SYMPTOMS: Issuing FORCE to cancel a job from the ACTIVITY display may produce the following message if the job has already terminated. ACTI005W Force rejected for job xxxxxxxx. Try cancel first Issuing KILL to cancel a job from the ACTIVITY display may produce the following message if the job has already terminated. ACTI004E Cannot force job xxxxxxxx IMPACT: Erroneous message issued if job has already terminated. CIRCUMVENTION: Refresh the current ACTIVITY display prior to issuing the FORCE or KILL line command. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15947 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(STALE DATA PROCESSED ON ACTIVITY DISPLAY LINE COMMAND). ++VER (Z038) FMID (CNM4G00) PRE (LU00527 LU00548 LU03135 LU03529 SO08895 SO09059 SO10316 SO15081) SUP (LT01394 LT02966 LT04342 LU01394 LU02966)

Service	Details
LU04349	LU04349 M.C.S. ENTRIES = ++PTF (LU04349) JVM AGENT UPDATES AND JAVA 11 SUPPORT PROBLEM DESCRIPTION: There are 4 items in this PTF: 1. Additional exception handling was added to the JVM agent. 2. Support for Java 11 was added. 3. A FORCEGC function was added to the JVMSET command to request that the JVM executes garbage collection. 4. It is possible that the JVM agent can fail to successfully initialize when monitoring a z/OS Connect server that does not have any APIs defined. SYMPTOMS: 1. Unexpected termination of the JVM being monitored by the JVM agent can occur if the JVM agent crashes. 2. The JVM agent fails to start in a JVM running Java 11. 3. None. 4. The JVM agent monitoring the z/OS Connect server fails to initialize. The MonZcn field on ZCNLIST displays FAILED. The following message can also be seen in the z/OS Connect job log: GSV1050E z/OS Connect Java classes for CA SYSVIEW loading failed max retries IMPACT: 1. Unexpected termination of JVM being monitored by JVM agent. 2. Unable to monitor JVMs running Java 11. 3. None. 4. Unable to monitor z/OS Connect. CIRCUMVENTION: 1. None. 2. None. 3. None. 4. To allow the JVM agent to successfully initialize, more Java classes need to be loaded by the z/OS Connect server. To force more classes to be loaded, various <feature> elements can be added to the <featureManager> element in the server.xml configuration file. Each <feature> will cause more Java classes to be loaded. Several valid <feature>s exist. Following are a subset of examples: <feature>imsmobile:imsmobile-2.0</feature> <feature>zosconnect:cicsService-1.0</feature> <feature>zosconnect:mqService-1.0</feature> PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15929 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(JVM AGENT UPDATES AND JAVA 11 SUPPORT). ++VER (Z038) FMID (CNM4G00) PRE (LU00395 LU00951 LU01855 LU02316 LU02613 LU02890 LU03135 SO08681 SO09589 SO10269 SO11632 SO12347 SO12629 SO13187 SO13538 SO14533 SO15790 SO16018 SO16108)

Service	Details
	SUP (AS10269 LT03277 LT04349 LU03277 NC08481 SO10411 ST10411) ++HOLD (LU04349) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (22024) COMMENT (+---+ | SYSVIEW Performance Management Version 16.0 | +----------+--+ |SEQUENCE | After Apply | +----------+--+ |PURPOSE | To implement the fix | +----------+--+ |USERS | All users of JVM monitoring in SYSVIEW | |AFFECTED | | +----------+--+ |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.). BINARY LINK('../libgsvoagt1.so') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../libgsvoagt4.so') PARM(PATHMODE(0,7,7,5)) .

Service	Details
LU04364	LU04364 M.C.S. ENTRIES = ++PTF (LU04364) IMSRSLOG TRANSACTION NAME MISSING FOR TYPE DBT PROBLEM DESCRIPTION: The detailed report generated by selecting a record from the IMSRSLOG display will show 'n/a' for the transaction name if the dependent region is CICS DBCTL (Type = DBT). SYMPTOMS: For CICS DBCTL region activity appearing in IMSRSLOG, the CICS transaction name will appear on the summary display, but will show 'n/a' when selecting the data row to format the record. IMPACT: Missing the transaction name on the detail report. CIRCUMVENTION: Use the data from the summary display to identify the transaction. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 Related Problem: SYSVW 15961 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(IMSRSLOG TRANSACTION NAME MISSING FOR TYPE DBT). ++VER (Z038) FMID (CNM4G00) PRE (LU02954 LU03135) SUP (LT04364)

Service	Details
LU04404	LU04404 M.C.S. ENTRIES = ++PTF (LU04404)

```
DX APM MVS/IMS METRICS/ALERTS MISSING W/SO15518
PROBLEM DESCRIPTION:
With SYSVIEW 15.0 PTF SO15517 or 16.0 PTF SO15518 applied, some metrics
and alerts that are supplied to DX APM by Cross-Enterprise APM (CE APM)
or the Mainframe IA Extension may be missing or show zero values.
The problem can occur when SYSVIEW system configuration option
OPTION-CEAPM is enabled, but other components such as OPTION-MVS or
OPTION-IMS are not enabled.
Even if the PTF is not applied, metric values will appear but alerts
will only show for CICS and not for MVS or MQ.
This problem does not affect CICS metrics/alerts, or CICS or IMS
transaction tracing.
SYMPTOMS:
In the reported case only OPTION-CEAPM was enabled, and z/OS CPU-related
metrics always displayed a value of zero in the DX APM metric tree.
The SCHEDULE command display in SYSVIEW will show no schedule entries
defined for the affected component, e.g. MVSDATA or IMSDATA.
IMPACT:
Unable to view metrics and alerts in DX APM for some SYSVIEW components.
CIRCUMVENTION:
SMP/E RESTORE 15.0 PTF SO15517 or 16.0 PTF SO15518
PRODUCT(S) AFFECTED:
SYSVIEW Performance Management                           Version 15.0
SYSVIEW Performance Management                           Version 16.0
Related Problem:
SYSVW  15991
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DESC(DX APM MVS/IMS METRICS/ALERTS MISSING W/SO15518).
++VER (Z038)
FMID (CNM4G00)
PRE ( LU00849 LU03135 LU03359 SO08895 SO09059 SO10098
SO14533 SO15518  )
SUP ( AS15518 LT04404 )
MCS          LU02535           STARTS ON PAGE 0002
MCS          LU02573           STARTS ON PAGE 0003
MCS          LU04131           STARTS ON PAGE 0003
MCS          LU04147           STARTS ON PAGE 0004
MCS          LU04169           STARTS ON PAGE 0006
MCS          LU04177           STARTS ON PAGE 0007
MCS          LU04206           STARTS ON PAGE 0008
MCS          LU04281           STARTS ON PAGE 0013
MCS          LU04328           STARTS ON PAGE 0015
MCS          LU04342           STARTS ON PAGE 0016
MCS          LU04349           STARTS ON PAGE 0017
MCS          LU04364           STARTS ON PAGE 0019
MCS          LU04404           STARTS ON PAGE 0020
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Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00

The CA RS 2202 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2202	LU04404	CNM4G00
	LU04364	CNM4G00
	LU04349	CNM4G00
	LU04342	CNM4G00
	LU04328	CNM4G00
	LU04281	CNM4G00
	LU04206	CNM4G00
	LU04177	CNM4G00
	LU04169	CNM4G00
	LU04147	CNM4G00
	LU04131	CNM4G00
	LU02573	CNM4G00
	LU02535	CNM4G00
CAR2201	LU03892	CNM4G00
	LU03874	CNM4G00
	LU03842	CNM4G00
	LU03805	CNM4G00
	LU03781	CNM4G00
CAR2112	LU03689	CNM4G00
	LU03616	CNM4G00
	LU03533	CNM4G00
	LU03529	CNM4G00
	LU03526	CNM4G00
	LU03480	CNM4G00
	LU03469	CNM4G00
	LU03433	CNM4G00
	LU03359	CNM4G00
	LU03277	CNM4G00
	LU03115	CNM4G00
	LU02890	CNM4G00
	LU02544	CNM4G00
CAR2111	LU03284	CNM4G00
	LU03153	CNM4G00
	LU03135	CNM4G00
	LU03067	CNM4G00
	LU03050	CNM4G00
	LU03030	CNM4G00
	LU03000	CNM4G00
	LU02966	CNM4G00
	LU02963	CNM4G00
	LU02954	CNM4G00
	LU02613	CNM4G00
CAR2110	LU02875	CNM4G00
	LU02760	CNM4G00
	LU02748	CNM4G00
	LU02664	CNM4G00
	LU02620	CNM4G00

CA RS Level	Service	FMID
	LU02568	CNM4G00
	LU02548	CNM4G00
	LU02427	CNM4G00
	LU02298	CNM4G00
CAR2109	LU02534	CNM4G00
	LU02441	CNM4G00
	LU02367	CNM4G00
	LU02316	CNM4G00
	LU02262	CNM4G00
	LU02244	CNM4G00
CAR2108	LU02191	CNM4G00
	LU02125	CNM4G00
	LU02032	CNM4G00
	LU02016	CNM4G00
	LU02000	CNM4G00
	LU01709	CNM4G00
CAR2107	LU01896	CNM4G00
	LU01855	CNM4G00
	LU01826	CNM4G00
	LU01773	CNM4G00
	LU01687	CNM4G00
	LU01568	CNM4G00
	LU01522	CNM4G00
	LU01511	CNM4G00
	LU01501	CNM4G00
	LU01276	CNM4G00
CAR2106	LU01394	CNM4G00
	LU01368	CNM4G00
	LU01353	CNM4G00
	LU01337	CNM4G00
	LU01138	CNM4G00
	LU01095	CNM4G00
CAR2105	LU01112	CNM4G00
	LU01098	CNM4G00
	LU01071	CNM4G00
	LU01064	CNM4G00
	LU01050	CNM4G00
	LU01005	CNM4G00
	LU00958	CNM4G00
	LU00951	CNM4G00
	LU00933	CNM4G00
	LU00919	CNM4G00
	LU00894	CNM4G00
	LU00849	CNM4G00
	LU00838	CNM4G00
	LU00806	CNM4G00
CAR2104	LU00763	CNM4G00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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

All CA RS Levels Service List

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