Service	Description	Type
LU07313	ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662	PTF
LU07350	CICS TRANSACTION CANCELLATION CHANGES	PTF
LU07371	IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION	PTF
LU07378	CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW	PTF
LU07410	IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$	PTF
LU07495	IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403	PTF

The CA RS 2210 service count for this release is   6

FMID	Service	Description	Type
CNM4H00	LU07313	ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662	PTF
	LU07350	CICS TRANSACTION CANCELLATION CHANGES	PTF
	LU07371	IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION	PTF
	LU07378	CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW	PTF
	LU07410	IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$	PTF
	LU07495	IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403	PTF

The CA RS 2210 service count for this FMID is 6

Service	Details
LU07313	LU07313 M.C.S. ENTRIES = ++PTF (LU07313) ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662 PROBLEM DESCRIPTION: Abend S0C4-10 in GSVSX910 after applying PTF for IBM APAR PH03662 SYMPTOMS: S0C4 issuing commands MQHANDLE, MQQUSERS, MQSBSTAT, MQTUSERS or MQUSERS with abend messages similar to the following: GSVX451I ABEND S0C4-10 IN MQUSERS COMMAND GSVX472I USERID ?????? TERMINAL ???????? INTERFACE ISPF GSVX452I SYSVIEW SRB IN CONTROL AT ENTRY TO ABEND GSVX453I DIAGNOSTICS FOR SRB IN CONTROL AT ENTRY TO ABEND GSVX457I PSW 070C1000 A6334150 ILC 4 INTC 10 GSVX477I KEY 0 STATE SUP AM 31 ASC PRI GSVX458I MODULE GSVSX910 ADDR 26329F08 OFFSET 0000A248 GSVX450I FIXLVL BASE GSVX473I ROUTNE GUSX$$ ADDR 26333F40 OFFSET 00000210 GSVX459I DATA AT PSW ADDR 2633414A GSVX460I 12774780 C24E9180 701F4710 GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND GSVX467I R0-R1 00000000_00000000 00000000_00000018 GSVX467I R2-R3 00000000_00000000 00000000_20A653E8 GSVX467I R4-R5 00000000_20A653B0 00000000_20A892D0 GSVX467I R6-R7 00000000_1FCB58C8 00000000_BAA78400 GSVX467I R8-R9 00000000_25729000 00000000_26328930 GSVX467I R10-R11 00000000_263356D8 00000000_25727000 GSVX467I R12-R13 00000000_26333F40 00000000_25733468 GSVX467I R14-R15 00000000_A6333FB0 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 GSVX454I DIAGNOSTICS FOR SYSVIEW TCB/RB AT LAST INTERRUPT GSVX457I PSW 070C0000 A6287150 ILC 4 INTC 10 GSVX477I KEY 0 STATE SUP AM 31 ASC PRI IMPACT: Command abends and terminates 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 18212 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00010-NM4170 DESC(ABEND S0C4 ISSUING MQUSERS WITH IBM APAR PH03662). ++VER (Z038) FMID (CNM4H00) SUP (LT07313)

Service	Details
LU07350	LU07350 M.C.S. ENTRIES = ++PTF (LU07350) CICS TRANSACTION CANCELLATION CHANGES PROBLEM DESCRIPTION: Utilizing a SYSVIEW CANCEL or KILL cancellation action for CICS tasks may have unpredictable results in certain cases. When a CANCEL or KILL is requested, one action SYSVIEW attempts is to turn on and/or 'speed up' the native CICS AICA runaway task processing for the task. Depending on the state of the task in CICS at the time, this could theoretically result in unpredictable behavior of the task. SYSVIEW currently only attempts this AICA action for CICS TS 5.5 and lower versions. This fix is removing the SYSVIEW modification of the AICA processing for all versions of CICS TS. The native CICS AICA runaway task processing, controlled by CICS system initialization parameter ICVR and transaction definition parameter RUNAWAY, will still occur as defined. SYSVIEW will no longer invoke or affect the native CICS AICA process, but will continue performing actions such as invoking the CICS dispatcher and possibly executing the CEKL transaction to terminate a task as documented. SYMPTOMS: There are no known symptoms. This change is being made as a preventive measure. IMPACT: Unpredictable, but transactions will still be eligible for native CICS AICA processing as per CICS definitions. CIRCUMVENTION: Use the PURGE, FORCEPUR, or CKILL actions. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18320 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00011-NM4170 DESC(CICS TRANSACTION CANCELLATION CHANGES). ++VER (Z038) FMID (CNM4H00) SUP (LT07350) ++HOLD (LU07350) SYSTEM FMID(CNM4H00) REASON (DOC) DATE (22259) COMMENT (+---+ | SYSVIEW Performance Management Version 17.0 | +---+ **************************** * PUBLICATION * **************************** All documentation regarding CICS transaction cancellation methods, which is primarily in the RULES command help and the CTHRESH and CTRANCAN parmlib members, is updated to delete the following sentence for the CANCEL and KILL cancellation options:

Service	Details
	Attempt to cancel a looping transaction utilizing the CICS AICA runaway task process.
	Prior to this PTF:
	When a CANCEL or KILL action was requested for a CICS task, SYSVIEW may have dynamically made the task eligible for native CICS AICA runaway task processing even though the transaction definition didn't specify so on the RUNAWAY parameter.
	After this PTF:
	SYSVIEW will no longer affect runaway task processing in any fashion. Runaway task processing will occur as per native CICS definitions. You may want to review your CICS system initialization parameter ICVR, as well as the RUNAWAY parameter on transaction definitions, to ensure CICS natively provides this functionality as you desire.
	SYSVIEW will continue to take other cancel actions such as invoking the CICS dispatcher and issuing the CEKL transaction as documented.
	).

```
++HOLD (LU07350) SYSTEM FMID(CNM4H00)
REASON (RESTART)   DATE (22259)
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.
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
LU07371	LU07371 M.C.S. ENTRIES = ++PTF (LU07371) IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION PROBLEM DESCRIPTION: When attempting to calculate IMS transaction CPU time, it may be necessary to obtain measurement data cross-memory from a dependent region. In some cases, the requesting region may not be the IMS Control Region, so the address space attempting cross-memory access was not authorized to issue a SSAR instruction, resulting in a S0D7 abend. SYMPTOMS: SYSVIEW IMS Logger abends with a S0D7-25, and in most cases the Logger restarts automatically. IMPACT: Missing transactions on the IMSTLOG Logstream while the Logger is inactive. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 17864 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00012-NM4170 DESC(IMS LOGGER ABEND S0D7 DUE TO UNAUTHORIZED SSAR INSTRUCTION). ++VER (Z038) FMID (CNM4H00) SUP (LT07371)

Service	Details
LU07378	LU07378 M.C.S. ENTRIES = ++PTF (LU07378) CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW PROBLEM DESCRIPTION: Cancelling a SYSVIEW user while issuing commands like TASKMON, CPU, ACTJOB, and the similar functions invoked by the MVS Data Collector subtask in the SYSVIEW STC, can result in a processor looping condition. SYMPTOMS: System enters a looping condition after SYSVIEW or a SYSVIEW user session has been cancelled. IMPACT: Possible system outage and IPL. CIRCUMVENTION: Don't cancel SYSVIEW while the above commands are being issued. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 15.0 SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 17660 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00013-NM4170 DESC(CPU LOOP CONDITION AS A RESULT OF CANCELLING SYSVIEW). ++VER (Z038) FMID (CNM4H00) SUP (LT07378)

Service	Details
LU07410	LU07410 M.C.S. ENTRIES = ++PTF (LU07410)
	IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$
	PROBLEM DESCRIPTION:
	Abend S0C4-04 in module GSVXNUC.GSVPIMSR, routine LUII$$ when issuing
	the IRLMLOCK command. Reg1 at abend points to fetch protected common
	storage.
	SYMPTOMS:
	GSVX451E Abend S0C4-04 in IRLMLOCK command
	GSVX472I Userid xxxxxxx Terminal xxxxxxxx Interface VTAM
	GSVX457I Psw 078C1000 BB633BDC Ilc 6 Intc 04
	GSVX477I Key 8 State SUP Am 31 Asc PRI
	GSVX458I Module GSVXNUC Addr 3B417000 Offset 0021CBDC
	GSVX458I NucMod GSVPIMSR Addr 3B631470 Offset 0000276C
	GSVX450I FixLvl BASE
	GSVX473I Routne LUII$$ Addr 3B633B60 Offset 0000007C
	GSVX459I Data at PSW addr 3B633BD6
	GSVX460I D5035030 10004780 C0885A50
	GSVX455I General registers at entry to abend
	GSVX467I R0-R1 00000000_00000000 00000000_262FB430
	GSVX467I R2-R3 00000000_3F0D8060 00000000_00000000
	GSVX467I R4-R5 00000000_3EFFDA18 00000000_3F2DD0A0
	GSVX467I R6-R7 00000000_3F223D50 00000000_3F223D50
	GSVX467I R8-R9 00000000_3EFFF000 00000000_3F2DB060
	GSVX467I R10-R11 00000000_3B642250 00000000_3EFFD000
	GSVX467I R12-R13 00000000_3B633B60 00000000_3F041D18
	GSVX467I R14-R15 00000000_3F041D18 00000000_3B633B60
	GSVX475I Access registers at entry to abend
	GSVX461I AR0-AR3 00000000 00000000 00000000 00000000
	GSVX461I AR4-AR7 00000000 00000000 00000000 00000000
	GSVX461I AR8-AR11 00000000 00000000 00000000 00000000
	GSVX461I AR12-AR15 00000000 00000000 00000000 00000000
	GSVX462I End of symptom dump
	IMPACT:
	Unable to display DB2 or IMS lock data.
	CIRCUMVENTION:
	None.
	PRODUCT(S) AFFECTED:
	SYSVIEW Performance Management Version 15.0
	SYSVIEW Performance Management Version 16.0
	SYSVIEW Performance Management Version 17.0
	Related Problem:
	SYSVW 18347
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	R00014-NM4170
	DESC(IRLMLOCK ABEND S0C4-04 MODULE GSVPIMSR ROUTINE LUII$$).
	++VER (Z038)
	FMID (CNM4H00)
	SUP (LT07410)

Service	Details
LU07495	LU07495 M.C.S. ENTRIES = ++PTF (LU07495) IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403 PROBLEM DESCRIPTION: Storage creep in E-PVT, subpool 0, key 8. A 128K data area containing IMS user exit data is being orphaned every time the IMSEVENT command is issued. The data will have the following eyecatcher: *GDBB...........................* *..............................* *IMUSXE......IMSMON..GSVPDCMX....* SYMPTOMS: GSV2574E Storage limit of 256M exceeded, new level creation not allowed -or- GSVX004E STORAGE OBTAIN failed rc 04 from GSVPIMSR+nn GETD$$ len 00020000 GSVX451E Abend U2999-403 in IMSEVENT command GSVX472I Userid xxxxxxx Terminal xxxxxxxx Interface TSO GSVX457I Psw 078D0000 BB6BCEB8 Ilc 2 Intc 0D GSVX477I Key 8 State PROB Am 31 Asc PRI GSVX458I Module GSVXSTGR Addr 3B6BB000 Offset 00001EB8 GSVX450I FixLvl BASE GSVX473I Routne GET$$$ Addr 3B6BC2B8 Offset 00000C00 IMPACT: User session abends, or becomes unusable. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 18436 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00015-NM4170 DESC(IMSEVENT GSV2574E STORAGE LIMIT GSVX451E ABEND U2999-403). ++VER (Z038) FMID (CNM4H00) SUP (LT07495) MCS LU07313 STARTS ON PAGE 0002 MCS LU07350 STARTS ON PAGE 0003 MCS LU07371 STARTS ON PAGE 0005 MCS LU07378 STARTS ON PAGE 0006 MCS LU07410 STARTS ON PAGE 0007 MCS LU07495 STARTS ON PAGE 0008

Product Family	Product	Release
Performance and Storage	SYSVIEW PERFORMANCE MANAGEMENT	17.00.00

The CA RS 2210 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2210	LU07495	CNM4H00
	LU07410	CNM4H00
	LU07378	CNM4H00
	LU07371	CNM4H00
	LU07350	CNM4H00
	LU07313	CNM4H00
CAR2209	LU07044	CNM4H00
	LU07009	CNM4H00
	LU06861	CNM4H00
	LU06816	CNM4H00