

SYSVIEW Performance Management 17.0
CA RS 2301 Service List

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Service	Description	Type
LU07707	MISSING IMS TRANSACTION SUMMARY METRICS	PTF
LU08111	ABEND U2999-802 ISSUING IMSOMAT COMMAND INVALID DATA	PTF
LU08362	WMSYSSUM DETAIL RESOURCE DATA INCORRECT AVERAGE TIME	PTF
LU08378	CTHRESH PARMLIB DEFINITIONS LOADED INCORRECTLY	*HIP/PRP*
LU08536	CAPTURE FAILS ON XDI INTERFACE CHECK W/LU08271	** PRP **
LU08542	GSV3609E METRIC NOT FOUND ACK/CLR LINE CMD	PTF
The CA RS 2301 service count for this release is 6		

SYSVIEW Performance Management
CA RS 2301 Service List for CNM4H00

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FMID	Service	Description	Type
CNM4H00	LU07707	MISSING IMS TRANSACTION SUMMARY METRICS	PTF
	LU08111	ABEND U2999-802 ISSUING IMSOMAT COMMAND INVALID DATA	PTF
	LU08362	WMSYSSUM DETAIL RESOURCE DATA INCORRECT AVERAGE TIME	PTF
	LU08378	CTHRESH PARMLIB DEFINITIONS LOADED INCORRECTLY	*HIP/PRP*
	LU08536	CAPTURE FAILS ON XDI INTERFACE CHECK W/LU08271	** PRP **
	LU08542	GSV3609E METRIC NOT FOUND ACK/CLR LINE CMD	PTF
The CA RS 2301 service count for this FMID is 6			

Service	Details
LU07707	<p>LU07707 M.C.S. ENTRIES = ++PTF (LU07707) REWORK(2022343)</p> <p>MISSING IMS TRANSACTION SUMMARY METRICS</p> <p>PROBLEM DESCRIPTION:</p> <p>Data collection not occurring for IMS transaction summary metrics (IMS_TSUM_XXXXXX).</p> <p>SYMPTOMS:</p> <p>The following IMSTSUM Data Collection metrics affected by this problem:</p> <p>Thresholds:</p> <p>IMS_TSUM_AverageMessageLength</p> <p>IMS_TSUM_Dequeues</p> <p>IMS_TSUM_DequeueRate</p> <p>IMS_TSUM_Enqueues</p> <p>IMS_TSUM_EnqueueRate</p> <p>IMS_TSUM_Queued</p> <p>IMS_TSUM_Schedule</p> <p>States:</p> <p>IMS_TSUM_LockStatus</p> <p>IMS_TSUM_StoppedStatus</p> <p>IMS_TSUM_SuspendStatus</p> <p>Since no data exists for these metrics, there is no exception processing being performed and no data is sent to MOI for these metrics.</p> <p>IMPACT:</p> <p>No IMS transaction summary data metrics collected. This will also include no Threshold or States processing for the above metrics.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 17.0</p> <p>Related Problem:</p> <p>SYSVW 18586</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00025-NM4170</p> <p>DESC(MISSING IMS TRANSACTION SUMMARY METRICS).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT07707)</p>

Service	Details
LU08111	<p>LU08111 M.C.S. ENTRIES = ++PTF (LU08111) REWORK(2022336)</p> <p>ABEND U2999-802 ISSUING IMSOMAT COMMAND INVALID DATA</p> <p>PROBLEM DESCRIPTION:</p> <p>Abend U2999-802 may be encountered when issuing the IMSOMAT command followed by selecting a response type to view the IMS OM Audit Trail Response Record.</p> <p>SYMPTOMS:</p> <p>The following error messages and dump received when the data buffer for a response type exceeds the default of 64K.</p> <p>GSV2770E XML GXL1PRS FAILED. DOCUMENT IS NOT WELL FORMED</p> <p>GSVX830E NG=N</MSG><MSG> APPC/OTMA RRS MAX TCBS - 40 ATTACH ED TCBS - 1 QUEUED RRS</p> <p>GSVX488I GSVXRREX STDXX\$ ESTAEX, MODE SUP KEY 80 SDWA KEY 88 LEV EL 1 OPTS BA</p> <p>GSVX489I SDWA 37D36528 RRXB 37480868 DSA 37D4C480</p> <p>GSVX451E ABEND U2999-802 IN IMSOMAX COMMAND</p> <p>GSVX472I USERID AA71331 TERMINAL VCA23789 INTERFACE ISPF</p> <p>GSVX457I PSW 078C1000 B7987D84 ILC 2 INTC OD</p> <p>GSVX477I KEY 8 STATE SUP AM 31 ASC PRI</p> <p>GSVX458I MODULE GSVXNUC ADDR 37487000 OFFSET 00500D84</p> <p>GSVX458I NUCMOD GSVXSTGR ADDR 37986B20 OFFSET 00001264</p> <p>GSVX450I FIXLVL LU02534</p> <p>GSVX473I ROUTNE VFYC\$\$ ADDR 37987BE8 OFFSET 0000019C</p> <p>GSVX459I DATA AT PSW ADDR 37987D7E</p> <p>GSVX460I A7F80802 0A0D581B 0224A7F8</p> <p>GSVX455I GENERAL REGISTERS AT ENTRY TO ABEND</p> <p>GSVX467I R0-R1 00000000_00000000 00000000_04000BB7</p> <p>GSVX467I R2-R3 00000000_00000000 00000000_37481A18</p> <p>GSVX467I R4-R5 00000000_00000000 00000000_37F06950</p> <p>GSVX467I R6-R7 00000000_37F6C000 00000000_37DCFA30</p> <p>GSVX467I R8-R9 00000000_3745CEA0 00000000_37D3B000</p> <p>GSVX467I R10-R11 00000000_3798B8B0 00000000_37481000</p> <p>GSVX467I R12-R13 00000000_37987BE8 00000000_37D3CF88</p> <p>GSVX467I R14-R15 00000000_37D3CF88 00000000_00000802</p> <p>GSVX475I ACCESS REGISTERS AT ENTRY TO ABEND</p> <p>GSVX461I AR0-AR3 00000000 00000000 00000000 00000000</p> <p>GSVX461I AR4-AR7 00000000 00000000 00000000 00000000</p> <p>GSVX461I AR8-AR11 00000000 00000000 00000000 00000000</p> <p>GSVX461I AR12-AR15 00000000 00000000 00000000 00000000</p> <p>GSVX462I END OF SYMPTOM DUMP</p> <p>IMPACT:</p> <p>Abend produces dump and user session terminates.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 15.0</p> <p>SYSVIEW Performance Management Version 16.0</p> <p>SYSVIEW Performance Management Version 17.0</p> <p>Related Problem:</p> <p>SYSVW 18902</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00035-NM4170</p>

SYSVIEW Performance Management 17.0
CA RS 2301 - PTF LU08111 Details

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Service	Details
	DESC (ABEND U2999-802 ISSUING IMSOMAT COMMAND INVALID DATA) . ++VER (Z038) FMID (CNM4H00) SUP (LT08111)

Service	Details						
LU08362	<p>LU08362 M.C.S. ENTRIES = ++PTF (LU08362) REWORK(2022340)</p> <p>WMSYSSUM DETAIL RESOURCE DATA INCORRECT AVERAGE TIME</p> <p>PROBLEM DESCRIPTION:</p> <p>When the Select line command is issued on the WMSYSSUM command, a WLM system summary report is displayed. In the Resource Data section of the report, the following fields report both total and average values: DASD I/O connect time, DASD I/O disconnect time, DASD I/O wait time, and DASD IOS queue time. The average values for these fields are incorrectly calculated.</p> <p>SYMPTOMS:</p> <p>The average values calculated for the DASD I/O connect time, DASD I/O disconnect time, DASD I/O wait time, and DASD IOS queue time fields are incorrect. The total values for these fields are erroneously multiplied by 128 prior to calculating the averages.</p> <p>IMPACT:</p> <p>Incorrect average values displayed on WMSYSSUM DETAIL screen.</p> <p>CIRCUMVENTION:</p> <p>To manually calculate an average value, divide either the DASD I/O connect time, DASD I/O disconnect time, DASD I/O wait time, or DASD IOS queue time by the DASD I/O count field.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>SYSVIEW Performance Management</td><td>Version 15.0</td></tr> <tr> <td>SYSVIEW Performance Management</td><td>Version 16.0</td></tr> <tr> <td>SYSVIEW Performance Management</td><td>Version 17.0</td></tr> </table> <p>Related Problem:</p> <p>SYSVW 19076</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00040-NM4170</p> <p>DESC(WMSYSSUM DETAIL RESOURCE DATA INCORRECT AVERAGE TIME).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT08362)</p>	SYSVIEW Performance Management	Version 15.0	SYSVIEW Performance Management	Version 16.0	SYSVIEW Performance Management	Version 17.0
SYSVIEW Performance Management	Version 15.0						
SYSVIEW Performance Management	Version 16.0						
SYSVIEW Performance Management	Version 17.0						

Service	Details
LU08378	<p>LU08378 M.C.S. ENTRIES = ++PTF (LU08378) REWORK(2022336)</p> <p>CTHRESH PARMLIB DEFINITIONS LOADED INCORRECTLY</p> <p>PROBLEM DESCRIPTION:</p> <p>1. In SYSVIEW 17.0 the syntax used in creating exception definitions was updated. This resulted in new keywords that are used to specify the resources in threshold exception definitions. SYSVIEW is able to automatically convert pre-17.0 definitions to the new definitions that SYSVIEW 17.0 expects. However, the automatic conversion process is not working properly for old definitions read in from the CTHRESH parmlib member (COLD start) that contain the RSCE keyword. The RSCE keyword on a transaction threshold represents the CICS terminal id. The problem occurs when both the TRAN and RSCE keywords are explicitly coded on a DEFINE statement. If TRAN is specified without RSCE then the resulting definition is correct.</p> <p>The problem does not occur if you do WARM starts where the CTHRESH definitions are read from the persistent data store (DATALIB). In this case the pre-17.0 definitions are read from DATALIB, interpreted properly, and written back out to DATALIB correctly using the new 17.0 syntax.</p> <p>2. Threshold checking for a transaction may be performed multiple times for the same transaction metric if a threshold definition specifies a RsceQual value.</p> <p>SYMPTOMS:</p> <p>1. When pre-17.0 CICS threshold definitions are read in COLD from the CTHRESH parmlib member, and a DEFINE statement contains both the TRAN and RSCE keywords, the RSCE value ends up in the 17.0 RsceName field (rather than the RsceQual field) thus replacing the TRAN value that would be intended as the RsceName.</p> <p>For example, these pre-17.0 transaction threshold definitions:</p> <pre>DEFINE CPUTIME TRAN TRN1 RSCE = LIMIT 2 DEFINE CPUTIME TRAN TRN2 RSCE TRM3 LIMIT 5</pre> <p>are effectually interpreted in 17.0 as:</p> <pre>DEFINE CPUTIME TRAN = RSCE = LIMIT 2 DEFINE CPUTIME TRAN TRM3 RSCE = LIMIT 5</pre> <p>2. In the reported case the same threshold definition triggered twice for the same task number:</p> <pre>GSVC500E (TPPT) TRANEND CICS_TRAN_RunTime Scope CICSRCN1 Name SUSP Qual TRM1 Task 85 Userid CICSUSER V=17.86614 W=3.000000 P=9.000000 UPPER NONE PROBLEM 0.000000 Policy 00980D40 GSVC500E (TPPT) TRANEND CICS_TRAN_RunTime Scope CICSRCN1 Name SUSP Qual TRM1 Task 85 Userid CICSUSER V=17.86614 W=3.000000 P=9.000000 UPPER NONE PROBLEM 0.000000 Policy 00980D40</pre> <p>IMPACT:</p> <p>1. Incorrect threshold rules will result in incorrect alerts and actions. Any rules that triggered actions, such as transaction cancellation, could result in unintended transactions being cancelled.</p> <p>2. Duplicate messages and actions could occur.</p> <p>CIRCUMVENTION:</p> <p>1. Modify your definitions in the CTHRESH parmlib member to use the new syntax keywords of RSCENAME and RSCEQUAL, rather than the pre-17.0 syntax of TRAN and RSCE.</p>

Service	Details
	<p>For example, change these pre-17.0 transaction threshold definitions:</p> <pre> DEFINE CPUTIME TRAN TRN1 RSCE = LIMIT 2 DEFINE CPUTIME TRAN TRN2 RSCE TRM3 LIMIT 5 to: DEFINE CPUTIME RSCENAME TRN1 RSCEQUAL = LIMIT 2 DEFINE CPUTIME RSCENAME TRN2 RSCEQUAL TRM3 LIMIT 5 2. None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 19085 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00041-NM4170 DESC(CTHRESH PARMLIB DEFINITIONS LOADED INCORRECTLY) . ++VER (Z038) FMID (CNM4H00) PRE (LU08271) SUP (CC07645 LT06861 LT08378 LU06861) ++HOLD (LU08378) SYSTEM FMID(CNM4H00) REASON (RESTART) DATE (22336) 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.). </pre>

Service	Details
LU08536	<p>LU08536 M.C.S. ENTRIES = ++PTF (LU08536) REWORK(2022356)</p> <p>CAPTURE FAILS ON XDI INTERFACE CHECK W/LU08271</p> <p>PROBLEM DESCRIPTION:</p> <p>After applying PTF LU08271, security violations may be seen when SYSVIEW schedules CAPTURE's. An additional interface check was inadvertently added that was not required when scheduled captures are created by the SYSVIEW address space.</p> <p>SYMPTOMS:</p> <p>The interface check done for the SYSVIEW address space, with external security active, would produce a message similar to the following.</p> <pre> ICH408I USER(SYSVIEW) GROUP(STCGRP) NAME(SYSVIEW) SV.ENV.XDI CL(FACILITY) INSUFFICIENT ACCESS AUTHORITY FROM SV.ENV.** (G) ACCESS INTENT(READ) ACCESS ALLOWED(NONE) and there will be no new capture files created. CAPLIST display will not show any new captures since applying LU08271. </pre> <p>IMPACT:</p> <p>Scheduled capture will not be created.</p> <p>CIRCUMVENTION:</p> <p>As a work around, access may be granted to SYSVIEW to SV.ENV.XDI for external security, or to the XDI interface in the Miscellaneous section of an internal security user group. Access may be removed after applying this PTF.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 17.0</p> <p>Related Problem:</p> <p>SYSVW 19200</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00042-NM4170</p> <p>DESC(CAPTURE FAILS ON XDI INTERFACE CHECK W/LU08271).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>PRE (LU07136 LU08271)</p> <p>SUP (AL08271 LT08536)</p>

Service	Details
LU08542	<p>LU08542 M.C.S. ENTRIES = ++PTF (LU08542) REWORK(2022350)</p> <p>GSV3609E METRIC NOT FOUND ACK/CLR LINE CMD</p> <p>PROBLEM DESCRIPTION:</p> <p>The ACK and CLR line commands on the CALERTS command display do not work for dynamic CICS transaction alerts, if the RsceQual field is blank. Dynamic transaction alerts are those that have a value in the Task field (transactions that are currently executing).</p> <p>The same problem exists on the ALERTS command display for the MVS metric MVS_VTAM_ApplidStatus (alias APPLSTAT).</p> <p>SYMPTOMS:</p> <p>The following error message is issued in response to the ACK or CLR line command:</p> <p>GSV3609E Data collection metric <metric> <rscscope> <rscename> * was not found</p> <p>IMPACT:</p> <p>Unable to acknowledge or clear some alerts on CALERTS.</p> <p>Unable to acknowledge or clear an alert for MVS_VTAM_ApplidStatus on ALERTS.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 17.0</p> <p>Related Problem:</p> <p>SYSVW 19209</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00043-NM4170</p> <p>DESC(GSV3609E METRIC NOT FOUND ACK/CLR LINE CMD).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>PRE (LU07350)</p> <p>SUP (LT08542)</p> <p>++HOLD (LU08542) SYSTEM FMID(CNM4H00)</p> <p>REASON (RESTART) DATE (22350)</p> <p>COMMENT (</p> <pre> +-----+ 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 * </pre>

Service	Details	

	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.	
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MCS	LU07707	STARTS ON PAGE 0002
MCS	LU08111	STARTS ON PAGE 0003
MCS	LU08362	STARTS ON PAGE 0004
MCS	LU08378	STARTS ON PAGE 0005
MCS	LU08536	STARTS ON PAGE 0008
MCS	LU08542	STARTS ON PAGE 0009

Product Family	Product	Release
Performance and Storage	SYSVIEW PERFORMANCE MANAGEMENT	17.00.00
The CA RS 2301 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2301	LU08542	CNM4H00
	LU08536	CNM4H00
	LU08378	CNM4H00
	LU08362	CNM4H00
	LU08111	CNM4H00
	LU07707	CNM4H00
CAR2212	LU08294	CNM4H00
	LU08292	CNM4H00
	LU08271	CNM4H00
	LU08071	CNM4H00
	LU08011	CNM4H00
	LU07933	CNM4H00
	LU07917	CNM4H00
	LU07888	CNM4H00
	LU07796	CNM4H00
	LU06852	CNM4H00
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