

SYSVIEW Performance Management 17.0

CA RS 2212 Service List

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Service	Description	Type
LU06852	EBCDIC TO ASCII TRANSLATION TABLES WRONG VALUES FOR 037/1047	PTF
LU07796	IMSNODES INCORRECT DEQUEUE, QUEUE COUNTS FOR ALL NODES	PTF
LU07888	INCORRECT DSNAME DISPLAYED ON PROFILE COMMAND	PTF
LU07917	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07933	IMS LOGGER DOESN'T RESTART ON CELL POOL FULL CONDITION	PTF
LU08011	DASHBOARD PROBLEMS WHEN DISPLAYING ALERTS	PTF
LU08071	INCORRECT MQ CHANNEL DATA ON MQ 9.3.1	PTF
LU08271	USER EVENT CAPTURE AND REST API ENDPOINT	PTF
LU08292	CTRANLOG FILES MISSING IF CTRANOPT SUMMARY	PTF
LU08294	MQSR038E CLEAR QLOCAL FAILED FOR SHARED QUEUE	PTF
The CA RS 2212 service count for this release is 10		

SYSVIEW Performance Management
CA RS 2212 Service List for CNM4H00

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FMID	Service	Description	Type
CNM4H00	LU06852	EBCDIC TO ASCII TRANSLATION TABLES WRONG VALUES FOR 037/1047	PTF
	LU07796	IMSNODES INCORRECT DEQUEUE, QUEUE COUNTS FOR ALL NODES	PTF
	LU07888	INCORRECT DSNAME DISPLAYED ON PROFILE COMMAND	PTF
	LU07917	SECURITY OR INTEGRITY PROBLEM	** PRP **
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	LU08271	USER EVENT CAPTURE AND REST API ENDPOINT	PTF
	LU08292	CTRANLOG FILES MISSING IF CTRANOPT SUMMARY	PTF
	LU08294	MQSR038E CLEAR QLOCAL FAILED FOR SHARED QUEUE	PTF
The CA RS 2212 service count for this FMID is 10			

Service	Details
LU06852	<div>LU06852 M.C.S. ENTRIES = ++PTF (LU06852) REWORK(2022334)</div> <div>EBCDIC TO ASCII TRANSLATION TABLES WRONG VALUES FOR 037/1047</div> <div>PROBLEM DESCRIPTION:</div> <div>SYSVIEW contains several translate tables that translate data from one character set to another. One common translation to occur is from EBCDIC to ASCII and vice versa. Currently, these translations assume EBCDIC codepage 500 is the character set to translate to or from. However, EBCDIC codepages 037 and 1047 are commonly used. Incorrect translations can occur when using EBCDIC codepages 037 or 1047. SYSVIEW can have several different versions of the same translate table. This fix will change the STANDARD EbcDicToAscii table to support EBCDIC codepages 037 and 1047. The STANDARD AsciiToEbcDic table will be changed to support EBCDIC codepage 037. The ALTERNATE AsciiToEbcDic and EbcDicToAscii tables will remain unchanged.</div> <div>The STANDARD EbcDicToAscii table contains the following changes:</div> <div>EBCDIC ASCII Character</div> <div>-----</div> <div><div>0x4A 0x00 Cent sign</div><div>0x4F 0x7C Vertical line</div><div>0x5A 0x21 Exclamation mark</div><div>0xAD 0x5B Left square bracket</div><div>0xB0 0x5E Circumflex accent</div><div>0xBA 0x5B Left square bracket</div><div>0xBB 0x5D Right square bracket</div><div>0xBD 0x5D Right square bracket</div></div> <div>The STANDARD AsciiToEbcDic table contains the following changes:</div> <div>ASCII EBCDIC Character</div> <div>-----</div> <div><div>0x21 0x5A Exclamation mark</div><div>0x5B 0xBA Left square bracket</div><div>0x5D 0xBB Right square bracket</div><div>0x7C 0x4F Vertical line</div></div> <div>SYMPTOMS:</div> <div>Unexpected translation of characters when SYSVIEW translates ASCII to and from EBCDIC when using EBCDIC codepages 037 and 1047.</div> <div>In the reported case, the SENDMAIL command was noticed to be incorrectly translating left and right square brackets to blanks.</div> <div>The source codepage was EBCDIC 1047, but the SYSVIEW translate table was set to translate from EBCDIC 500 leading to the incorrect translation.</div> <div>IMPACT:</div> <div>Incorrect translation to and from ASCII when using EBCDIC codepages 037 and 1047.</div> <div>CIRCUMVENTION:</div> <div>SYSVIEW allows users to create their own translate tables via module GSVBUXLT. A new translate table could be added that correctly translates ASCII to and from EBCDIC codepages 037 and/or 1047 to circumvent this problem.</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>SYSVIEW Performance Management </div></div>

SYSVIEW Performance Management 17.0
CA RS 2212 - PTF LU06852 Details

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Service	Details
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00004-NM4170 DESC(EBCDIC TO ASCII TRANSLATION TABLES WRONG VALUES FOR 037/1047) . ++VER (Z038) FMID (CNM4H00) SUP (LT06852)

SYSVIEW Performance Management 17.0
CA RS 2212 - PTF LU07796 Details

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Service	Details						
LU07796	<p>LU07796 M.C.S. ENTRIES = ++PTF (LU07796) REWORK(2022306)</p> <p>IMSNODES INCORRECT DEQUEUE, QUEUE COUNTS FOR ALL NODES</p> <p>PROBLEM DESCRIPTION:</p> <p>The IMSNODES command is displaying incorrect dequeue and queue counts for all nodes.</p> <p>SYMPTOMS:</p> <p>When displaying IMS node data using the IMSNODES command, the queue count should normally be zero unless transactions are being queued and not executing. In the customer reporting case, transactions were executing and the queue count was actually showing the dequeue count.</p> <p>IMPACT:</p> <p>Incorrect queuing data being shown on IMSNODES.</p> <p>CIRCUMVENTION:</p> <p>Use the IMSSPOC command to issue the /DIS NODE ALL command to retrieve queuing information for all IMS nodes.</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 18673</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00028-NM4170</p> <p>DESC(IMSNODES INCORRECT DEQUEUE, QUEUE COUNTS FOR ALL NODES).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT07796)</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						

SYSVIEW Performance Management 17.0
CA RS 2212 - PTF LU07888 Details

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Service	Details				
LU07888	<p>LU07888 M.C.S. ENTRIES = ++PTF (LU07888) REWORK(2022321)</p> <p>INCORRECT DSNAME DISPLAYED ON PROFILE COMMAND</p> <p>PROBLEM DESCRIPTION:</p> <p>When issuing the PROFILE command, the Dsname displayed is the library defined on System Configuration option Dsn-System-PROFILE when it should display the PROFLIB, as defined by the Dsn-System-PROFLIB option.</p> <p>SYMPTOMS:</p> <p>Incorrect DSNAME displayed on PROFILE command.</p> <p>IMPACT:</p> <p>Incorrect DSNAME shown.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <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 18747</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00030-NM4170</p> <p>DESC(INCORRECT DSNAME DISPLAYED ON PROFILE COMMAND).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT07888)</p>	SYSVIEW Performance Management	Version 16.0	SYSVIEW Performance Management	Version 17.0
SYSVIEW Performance Management	Version 16.0				
SYSVIEW Performance Management	Version 17.0				

Service	Details				
LU07917	<p>LU07917 M.C.S. ENTRIES = ++PTF (LU07917) REWORK(2022307)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. SECURITY OR INTEGRITY PROBLEM 2. SYSVAPPS SUPPORT FOR Z/OSMF JWT TOKEN AUTHENTICATION <p>=====</p> <p>SECURITY OR INTEGRITY PROBLEM</p> <p>PROBLEM DESCRIPTION:</p> <p>Security or Integrity Problem.</p> <p>For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html</p> <p>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</p> <p>SYMPTOMS:</p> <p>N/A</p> <p>IMPACT:</p> <p>Security or Integrity Problem.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <table border="0"> <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 18740</p> <p>=====</p> <p>SYSVAPPS SUPPORT FOR Z/OSMF JWT TOKEN AUTHENTICATION</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This update includes several enhancements to the SYSVIEW Application Server (SYSVAPPS).</p> <ol style="list-style-type: none"> 1. z/OSMF JWT token authentication is now supported. A new configuration section has been added to the bottom of the application.yml configuration file. Note that the three dashes is yaml syntax and must be included to demarcate spring profile sections. <pre># z/OSMF configuration options ---</pre> <pre>spring.config.activate.on-profile: zosmf security: zosmf: cookieName: jwtToken trusted: - https://zosmf.hostname.com:443</pre> <p>To use a z/OSMF JWT token with SYSVAPPS:</p> <ul style="list-style-type: none"> - Copy the new section to your runtime instance's application.yml - Add 'zosmf' to the spring.profiles.active list at the top of the configuration file. If 'zosmf' is not added to the spring profiles list, then this section of the file will be ignored. - Set the host and port of the z/OSMF instance(s) <ol style="list-style-type: none"> 2. SYSVAPPS now displays a banner in the job log similar to the one shown below: <pre>_____ / ____ \ \ / / ____ \ \ / \ ____ \ ____ \ ____ \</pre>	SYSVIEW Performance Management	Version 16.0	SYSVIEW Performance Management	Version 17.0
SYSVIEW Performance Management	Version 16.0				
SYSVIEW Performance Management	Version 17.0				

SYSVIEW Performance Management 17.0
CA RS 2212 - PTF LU07917 Details

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Service	Details
	<pre> (_ _ \ \ / / (_ _ \ \ / / \ _) _) (_ \ _ _ \ \ / \ _ _ \ \ / / \ \ _ _ / _ _ / \ _ _ \ _) _) \ / _ _ \ _) _ _ / _ _ _ / \ / \ \ _ _ _ _ / ----- Version : 1.2.0 Build : 256db34 Build Date: 2022-10-27 11:14:20 ----- Environment Information JVM: 1.8.0_331 (IBM Corporation IBM J9 VM 2.9) OS: z/OS (Version 02.05.00) s390x ----- PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 CA SYSVIEW PERFORMANCE MANAGEMENT Version 17.0 Related Problem: SYSVW 18741 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00031-NM4170 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CNM4H00) SUP (BC07645 LT07917) ++HOLD (LU07917) SYSTEM FMID(CNM4H00) REASON (DDDEF) DATE (22307) COMMENT (+-----+ SYSVIEW Performance Management Version 17.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE To modify DDDEFs +-----+ USERS Systems programmers AFFECTED +-----+ KNOWLEDGE SMP/E REQUIRED +-----+ ACCESS Product libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** The SYSVAPPS jar file is larger than most assembler modules. Users may run into an SB37 abend when applying this PTF. Copy and run the below JCL, after adding a jobcard and modifying the SMPCSI DD to point to your SYSVIEW CSI. //jobcard //CSIUPDT EXEC PGM=GIMSMP,REGION=OM //SMPCSI DD DISP=SHR,DSN=sysview.CSI </pre>

Service	Details
	<pre>//SMPLOG DD DUMMY //SYSPRINT DD SYSOUT=* //SMRPT DD SYSOUT=* //SMPOUT DD SYSOUT=* //SMPCNTL DD * SET BOUNDARY(GLOBAL) . UCLIN . REP DDDEF(SYSUT1) UNIT(SYSDA) SPACE(125,25) CYLINDERS . REP DDDEF(SYSUT2) UNIT(SYSDA) SPACE(10,10) CYLINDERS . REP DDDEF(SYSUT3) UNIT(SYSDA) SPACE(10,10) CYLINDERS . REP DDDEF(SYSUT4) UNIT(SYSDA) SPACE(125,25) CYLINDERS . ENDUCL. SET BOUNDARY(CAIT) . UCLIN . REP DDDEF(SYSUT1) UNIT(SYSDA) SPACE(125,25) CYLINDERS . REP DDDEF(SYSUT2) UNIT(SYSDA) SPACE(10,10) CYLINDERS . REP DDDEF(SYSUT3) UNIT(SYSDA) SPACE(10,10) CYLINDERS . REP DDDEF(SYSUT4) UNIT(SYSDA) SPACE(125,25) CYLINDERS . REP DDDEF(SMPWRK1) UNIT(SYSDA) SPACE(05,05) DIR(180) CYLINDERS . REP DDDEF(SMPWRK2) UNIT(SYSDA) SPACE(05,05) DIR(180) CYLINDERS . REP DDDEF(SMPWRK3) UNIT(SYSDA) SPACE(50,25) DIR(1600) CYLINDERS . REP DDDEF(SMPWRK4) UNIT(SYSDA) SPACE(05,05) DIR(180) CYLINDERS . REP DDDEF(SMPWRK6) UNIT(SYSDA) SPACE(25,10) DIR(400) CYLINDERS . ENDUCL. SET BOUNDARY(CAID) . UCLIN . REP DDDEF(SYSUT1) UNIT(SYSDA) SPACE(125,25) CYLINDERS . REP DDDEF(SYSUT2) UNIT(SYSDA) SPACE(10,10) CYLINDERS . REP DDDEF(SYSUT3) UNIT(SYSDA) SPACE(10,10) CYLINDERS . REP DDDEF(SYSUT4) UNIT(SYSDA) SPACE(125,25) CYLINDERS . REP DDDEF(SMPWRK1) UNIT(SYSDA) SPACE(05,05) DIR(180) CYLINDERS . REP DDDEF(SMPWRK2) UNIT(SYSDA) SPACE(05,05) DIR(180) CYLINDERS . REP DDDEF(SMPWRK3) UNIT(SYSDA) SPACE(50,25) DIR(1600) CYLINDERS . REP DDDEF(SMPWRK4) UNIT(SYSDA) SPACE(05,05) DIR(180) CYLINDERS . REP DDDEF(SMPWRK6) UNIT(SYSDA) SPACE(25,10) DIR(400) CYLINDERS . ENDUCL. /*). ++HOLD (LU07917) SYSTEM FMID(CNM4H00) REASON (DOC) DATE (22307) COMMENT (+-----+ SYSVIEW Performance Management Version 17.0 +-----+ ***** * PUBLICATION * ***** z/OSMF JWT token authentication is now supported. A new configuration section has been added to the bottom of the application.yml configuration file. Note that the three dashes is yaml syntax and must be included to demarcate spring profile sections. # z/OSMF configuration options ---</pre>

Service	Details
	<pre> spring.config.activate.on-profile: zosmf security: zosmf: cookieName: jwtToken trusted: - https://zosmf.hostname.com:443 To use a z/OSMF JWT token with SYSVAPPS: - Copy the new section to your runtime instance's application.yml - Add 'zosmf' to the spring.profiles.active list at the top of the configuration file. If 'zosmf' is not added to the spring profiles list, then this section of the file will be ignored. - Set the host and port of the z/OSMF instance(s)). ++HOLD (LU07917) SYSTEM FMID(CNM4H00) REASON (RESTART) DATE (22307) COMMENT (+-----+ SYSVIEW Performance Management Version 17.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE To implement the fix +-----+-----+ USERS All users of the SYSVIEW REST API AFFECTED +-----+-----+ KNOWLEDGE Product Administration REQUIRED +-----+-----+ ACCESS Product libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this PTF, the Application Server run-time directories will need to be deployed to your site's run-time environment. Follow these steps to implement the change: 1. Stop the SYSVAPPS task (P SYSVAPPS). 2. Copy the SMP/E managed directories to the run-time directories by running the smpehlq.CNM4BSAM(GSVUAPSM) sample JCL. You will need to set PATHPFX to the USS directory path prefix used for installation (see comments in the JCL). 3. Start the SYSVAPPS task (S SYSVAPPS).). LINK('../application.yml') PARM(PATHMODE(0,7,7,5)). LINK('../SYSVIEW-app-server.jar') PARM(PATHMODE(0,7,7,5)). LINK('../libbcm-apisdk-security.so') PARM(PATHMODE(0,7,7,5)). </pre>

Service	Details
LU07933	<p>LU07933 M.C.S. ENTRIES = ++PTF (LU07933) REWORK(2022305)</p> <p>IMS LOGGER DOESN'T RESTART ON CELL POOL FULL CONDITION</p> <p>PROBLEM DESCRIPTION:</p> <p>If SYSVIEW's IMS Logger encounters a cell pool full condition, the logger detects the error and shuts down. There is no checking in place to automatically restart the logger after detecting this full condition.</p> <p>SYMPTOMS:</p> <p>IMS Logger shuts down and doesn't restart and the following messages are produced.</p> <p>GSVX998W (IMSPROD) IMS\$087W IMS logger dataspace cell pool shortage for IMS PROD</p> <p>GSVX872E (IMSPROD) IMS subsystem PROD log capture failure</p> <p>IEA794I SVC DUMP HAS CAPTURED: 256</p> <p>DUMPID=217 REQUESTED BY JOB (SYSVIEW?)</p> <p>DUMP TITLE=SYSVIEW IMS LOGGER/DATASPACE DUMP</p> <p>GSVX573I (IMSPROD) IMSSVPF task termination started</p> <p>GSVX853I (IMSPROD) IMS subsystem SVPF log capture terminated</p> <p>GSVX594I (MAIN) IMSPROD task ended, completion code 4</p> <p>GSVX574I (MAIN) IMSPROD task termination complete</p> <p>GSVX638I (MAIN) IMSPROD task detached</p> <p>IMPACT:</p> <p>IMS Logger doesn't restart after cell pool full condition.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management Version 16.0</p> <p>SYSVIEW Performance Management Version 17.0</p> <p>Related Problem:</p> <p>SYSVW 18428</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00032-NM4170</p> <p>DESC(IMS LOGGER DOESN'T RESTART ON CELL POOL FULL CONDITION).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT07933)</p>

Service	Details
LU08011	<p>LU08011 M.C.S. ENTRIES = ++PTF (LU08011) REWORK(2022312)</p> <p>DASHBOARD PROBLEMS WHEN DISPLAYING ALERTS</p> <p>PROBLEM DESCRIPTION:</p> <p>Dashboards that display exception alerts may have missing fields, truncated data, or display errors. This is related to changes made to the alert-related, PLOT, and XVEXTRAC commands in base 17.0.</p> <p>SYMPTOMS:</p> <p>DASHBOARD ACTIVITY</p> <p>-----</p> <p>The ALERTS pane doesn't show the resource value(s).</p> <p>DASHBOARD CICS</p> <p>-----</p> <p>The CALERTS pane doesn't show the resource values, and the panes for plot Tran Lifetime, Tran CPU time, and Tran Wait to Run Time get error: PLOT016E Requested metric was not found</p> <p>DASHBOARD IMS</p> <p>-----</p> <p>The IMSALERT pane doesn't show the resource values.</p> <p>DASHBOARD JOB</p> <p>-----</p> <p>The MVS Exception Alerts pane doesn't show any job alerts.</p> <p>DASHBOARD MQ</p> <p>-----</p> <p>The MQALERTS pane doesn't show the resource value, and the Call Rate, Get Rate, and Put Rate panes get error: WDGT003E Data Collection VARIABLE RC 28 Error ERROR_NOTFOUND</p> <p>DASHBOARD OPERATOR</p> <p>-----</p> <p>The ALERTS pane doesn't show the resource value(s).</p> <p>DASHBOARD OVERVIEW</p> <p>-----</p> <p>The ALERTS pane doesn't show the resource value(s).</p> <p>DASHBOARD TCP</p> <p>-----</p> <p>The TCPALERT pane gets error: SELE003E Field 'TCPID' not found</p> <p>IMPACT:</p> <p>Some dashboard information is missing.</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 18833</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00033-NM4170</p> <p>DESC(DASHBOARD PROBLEMS WHEN DISPLAYING ALERTS).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT08011)</p>

Service	Details
LU08071	<p>LU08071 M.C.S. ENTRIES = ++PTF (LU08071) REWORK(2022312)</p> <p>INCORRECT MQ CHANNEL DATA ON MQ 9.3.1</p> <p>PROBLEM DESCRIPTION:</p> <p>Changes to the underlying channel data in the IBM MQ for z/OS 9.3.1 Continuous Delivery release may cause incorrect MQ channel data to be shown on several command displays.</p> <p>SYMPTOMS:</p> <p>The following commands accurately display the list of channels but many of the data fields, including the Status field, may be incorrect:</p> <p>MQCHAN MQCHSTAT MQCHSUMM</p> <p>This in turn affects the MQCHxxxx monitoring variables such as the MQCHSTAT channel status variable.</p> <p>IMPACT:</p> <p>Incorrect MQ channel status information displayed and potentially incorrect exception 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 18718</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00034-NM4170</p> <p>DESC(INCORRECT MQ CHANNEL DATA ON MQ 9.3.1).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT08071)</p>

Service	Details
LU08271	<p>LU08271 M.C.S. ENTRIES = ++PTF (LU08271) REWORK(2022326)</p> <p>USER EVENT CAPTURE AND REST API ENDPOINT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This feature PTF adds the ability to execute a capture member from a user-provided data set. Prior to this PTF, capture event members had to be stored in the SYSVIEW product SYSTEM and SITE event capture libraries (CNM4BCAP).</p> <p>This feature enables users to customize their own event capture members without the need to update SYSVIEW product configuration libraries. This feature also enables other Broadcom products and solutions to provide event capture members within their products to aid in diagnostics and configuration.</p> <p>This feature PTF contains the following enhancements and changes:</p> <ol style="list-style-type: none"> 1. Event Capture Data Set Naming Convention Update <p>In anticipation of a higher volume of Event Capture requests in SYSVIEW, the SYSVIEW Event Capture process has been enhanced to be able to execute multiple Event Captures in parallel. Because of this, the naming convention had to be updated to add more precision to the time node of the data set name with the addition of tenths of seconds.</p> <p>Old time node convention: Thhmmss New time node convention: Thhmsst</p> 2. Removal of CAPTURE task in SYSVUSER <p>Event Captures now run under instances of the existing SERVSEC task that is auto-started in the SYSVUSER address space. The CAPTURE task has been removed from the SYSVUSER address space. The START CAPTURE command has been removed from the SVW\$USER startup parmlib member. If you have a copy of this member in your site parmlib, the command should be removed from there. If it is not removed the following error message will appear in the SYSVUSER job log, but it will not cause a functional problem</p> <p>GSVX585E Invalid task name for START command - CAPTURE</p> 3. Updates to the LIBS and CAPLIB commands <p>The LIBS and CAPLIB commands have been updated to support the specification of a USER Event Capture library. The USER field for CAPLIB may now be modified to set a USER Event Capture data set.</p> 4. Updates to the CAPTURE command <p>The CAPTURE command has been updated to allow an Event Capture to reside in a USER data set, in addition the ability to explicitly specify a data set has been added. Updated syntax follows:</p> <p>* CAPTURE member * CAPTURE dsname(member) - dsname supports USER, SITE, SYSTEM, USERSITE, SITESYSTEM</p> 5. Updates to the SCHEDULE command and parmlib member <p>The SCHEDULE command and associated parmlib member now allow for the specification of a user capture data set parameter when the schedule function is CAPTURE.</p> 6. New SYSVAPPS REST API Endpoint for Capture <p>A new POST method for the SYSVAPPS REST API Capture endpoint was added to schedule a SYSVIEW event capture:</p> <p>/api/v1/SYSVIEW/Capture</p> <p>The body of the request is exactly the same as a CAPLIB member in SYSVIEW. This allows external users and products to create custom</p>

Service	Details
	<p>Event Captures without having to update SYSVIEW configuration.</p> <p>7. Updated Extended Private Storage Limit</p> <p>To facilitate the potential of more parallel throughput as the result of this feature, the configured default extended private storage limit for the Main Services, User Interface, and Auxiliary address spaces has been raised from 256MB to 1024MB. Specifically, the following has been altered in the OPTIONS parmlib member:</p> <pre> IF INTERFACE=MAIN EXTENDED-PRIVATE-LIMIT 1024 ENDIF PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 17893 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00036-NM4170 DESC(USER EVENT CAPTURE AND REST API ENDPOINT). ++VER (Z038) FMID (CNM4H00) PRE (LU07759 LU07917) SUP (AC07645 LT07378 LT07607 LT07661 LT08271 LU07378 LU07607 LU07661) ++HOLD (LU08271) SYSTEM FMID(CNM4H00) REASON (ACTION) DATE (22326) COMMENT (+-----+ SYSVIEW Performance Management Version 17.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE To implement the fix +-----+ USERS All users of the SYSVIEW REST API AFFECTED +-----+ KNOWLEDGE Product Administration REQUIRED +-----+ ACCESS Product libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** If you do not run the SYSVAPPS Application Server task, then this HOLD can be ignored. After applying this PTF, the Application Server target directories will need to be deployed to your site's run-time environment. Follow these steps to implement the change: 1. Stop the SYSVAPPS task (P SYSVAPPS) 2. Deploy the SMP/E managed directories to the run-time directories by running the smpehlq.CNM4BSAM(GSVUAPSM) sample JCL. You will need to set PATHPFX to the USS directory path prefix used for </pre>

Service	Details
	<p>installation (see comments in the JCL)</p> <p>3. Start the SYSVAPPS task (S SYSVAPPS)</p> <p>).</p> <p>++HOLD (LU08271) SYSTEM FMID(CNM4H00)</p> <p>REASON (ENH) DATE (22326)</p> <p>COMMENT (</p> <pre> +-----+ SYSVIEW Performance Management Version 17.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Describe the enhancement +-----+ USERS All users of SYSVIEW AFFECTED +-----+ KNOWLEDGE Product Administration REQUIRED +-----+ ACCESS Product libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** </pre> <p>ENHANCEMENT DESCRIPTION:</p> <p>This feature PTF adds the ability to execute a capture member from a user-provided data set. Prior to this PTF, capture event members had to be stored in the SYSVIEW product SYSTEM and SITE event capture libraries (CNM4BCAP).</p> <p>This feature enables users to customize their own event capture members without the need to update SYSVIEW product configuration libraries. This feature also enables other Broadcom products and solutions to provide event capture members within their products to aid in diagnostics and configuration.</p> <p>This feature PTF contains the following enhancements and changes:</p> <p>1. Event Capture Data Set Naming Convention Update</p> <p>In anticipation of a higher volume of Event Capture requests in SYSVIEW, the SYSVIEW Event Capture process has been enhanced to be able to execute multiple Event Captures in parallel. Because of this, the naming convention had to be updated to add more precision to the time node of the data set name with the addition of tenths of seconds.</p> <p>Old time node convention: Thhmmss New time node convention: Thhmsst</p> <p>2. Removal of CAPTURE task in SYSVUSER</p> <p>Event Captures now run under instances of the existing SERVSEC task that is auto-started in the SYSVUSER address space. The CAPTURE task has been removed from the SYSVUSER address space. The START CAPTURE command has been removed from the SVW\$USER startup parmlib member. If you have a copy of this member in your site parmlib, the command should be removed from there. If it is not removed the following error message will appear in the SYSVUSER job log, but it will not cause a functional problem</p>

Service	Details
	<p>GSVX585E Invalid task name for START command - CAPTURE</p> <p>3. Updates to the LIBS and CAPLIB commands</p> <p>The LIBS and CAPLIB commands have been updated to support the specification of a USER Event Capture library. The USER field for CAPLIB may now be modified to set a USER Event Capture data set.</p> <p>4. Updates to the CAPTURE command</p> <p>The CAPTURE command has been updated to allow an Event Capture to reside in a USER data set, in addition the ability to explicitly specify a data set has been added. Updated syntax follows:</p> <pre>* CAPTURE member * CAPTURE dsname(member) - dsname supports USER, SITE, SYSTEM, USERSITE, SITESYSTEM</pre> <p>5. Updates to the SCHEDULE command and parmlib member</p> <p>The SCHEDULE command and associated parmlib member now allow for the specification of a user capture data set parameter when the schedule function is CAPTURE.</p> <p>6. New SYSVAPPS REST API Endpoint for Capture</p> <p>A new POST method for the SYSVAPPS REST API Capture endpoint was added to schedule a SYSVIEW event capture:</p> <pre>/api/v1/SYSVIEW/Capture</pre> <p>The body of the request is exactly the same as a CAPLIB member in SYSVIEW. This allows external users and products to create custom Event Captures without having to update SYSVIEW configuration.</p> <p>7. Updated Extended Private Storage Limit</p> <p>To facilitate the potential of more parallel throughput as the result of this feature, the configured default extended private storage limit for the Main Services, User Interface, and Auxiliary address spaces has been raised from 256MB to 1024MB. Specifically, the following has been altered in the OPTIONS parmlib member:</p> <pre>IF INTERFACE=MAIN EXTENDED-PRIVATE-LIMIT 1024 ENDIF).</pre>

Service	Details																																						
LU08292	<p>LU08292 M.C.S. ENTRIES = ++PTF (LU08292) REWORK(2022327)</p> <p>CTRANLOG FILES MISSING IF CTRANOPT SUMMARY</p> <p>PROBLEM DESCRIPTION:</p> <p>If SUMMARY is specified for a transaction in the CTRANOPT definitions, files accessed by the transaction only appear in the CTRANLOG record if configuration option TRANSACTION-DATA-FILES is set to SUMMARY.</p> <p>SYMPTOMS:</p> <p>The Files section is not present in the CTRANLOG transaction detail record.</p> <p>IMPACT:</p> <p>Missing information for transactions that accessed files.</p> <p>CIRCUMVENTION:</p> <p>Change the CTRANOPT collection mode from SUMMARY to DETAIL, or change the configuration option TRANSACTION-DATA-FILES from DETAIL to SUMMARY.</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 18908</p> <p>(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00037-NM4170</p> <p>DESC(CTRANLOG FILES MISSING IF CTRANOPT SUMMARY).</p> <p>++VER (Z038)</p> <p>FMID (CNM4H00)</p> <p>SUP (LT08292)</p> <p>++HOLD (LU08292) SYSTEM FMID(CNM4H00)</p> <p>REASON (RESTART) DATE (22327)</p> <p>COMMENT (</p> <table> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> </td> <td>SYSVIEW Performance Management Version 17.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> After Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> To implement the fix </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> All users of SYSVIEW for CICS </td> </tr> <tr> <td> AFFECTED</td> <td> </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> Product Administration </td> </tr> <tr> <td> REQUIRED</td> <td> CICS Systems Programming </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> Product libraries </td> </tr> <tr> <td> REQUIRED</td> <td> Ability to run SYSVIEW for CICS transactions </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> </table> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>This PTF requires the SYSVIEW for CICS monitor to be recycled, or CICS to be recycled.</p> <p>1. Apply the PTF.</p>	SYSVIEW Performance Management	Version 15.0	SYSVIEW Performance Management	Version 16.0	SYSVIEW Performance Management	Version 17.0	+-----+			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	+-----+	
SYSVIEW Performance Management	Version 15.0																																						
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ACCESS	Product libraries																																						
REQUIRED	Ability to run SYSVIEW for CICS transactions																																						
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Service	Details
	<ol style="list-style-type: none">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
LU08294	<p>LU08294 M.C.S. ENTRIES = ++PTF (LU08294) REWORK(2022334)</p> <p>MQSR038E CLEAR QLOCAL FAILED FOR SHARED QUEUE</p> <p>PROBLEM DESCRIPTION:</p> <p>1. When the Clear line command is issued for a shared queue from the MQQLOCAL or MQQPERF command displays, the QSGDISP(SHARED) parameter is not being specified on the resulting MQSC CLEAR QLOCAL command that gets issued to MQ. The default is QSGDISP(PRIVATE) which is not valid for a shared queue and causes the CLEAR command to fail.</p> <p>This problem occurs in base SYSVIEW 17.0, and in SYSVIEW 16.0 if PTF LU01064 is applied.</p> <p>2. Problems exist for other line commands if MQQLOCAL or MQQPERF are issued in SYSTEM or XSYSTEM mode, and the line command is issued for a queue that belongs to a QMgr other than the 'current' QMGR asid in your SYSVIEW session.</p> <p>Similar problems exist for line commands in SYSTEM or XSYSTEM mode on these commands also:</p> <p>MQCHAN, MQCHAUTH, MQQUEUE, MQQUEUSERS, MQUSERS.</p> <p>3. The GRAPH and/or PLOT commands may not support mixed case MQ queue names. The queue name entered on the command is always uppercased.</p> <p>In 16.0 this is a problem for both GRAPH and PLOT. In 17.0 it is only a problem with PLOT.</p> <p>SYMPTOMS:</p> <p>1. Issuing the Clear line command from the MQQLOCAL or MQQPERF commands for a shared queue results in the following error on the screen:</p> <p>MQSR038E CLEAR QLOCAL('queue.name') command failed.</p> <p>Messages similar to the following appear in the MQMSGLOG display:</p> <p>MQQLOCAL MESSAGE MQSR120I SMQSR COMMAND_RESPONSE request started</p> <p>MQQLOCAL QMGR_CMD CLEAR QLOCAL('queue.name')</p> <p>MQQLOCAL QMGR_RSP CSQN205I COUNT= 5, RETURN=0000000C, REASON=00000008</p> <p>MQQLOCAL QMGR_RSP CSQM125I -CSQ1 CSQMRQLC QLOCAL(queue.name)</p> <p>MQQLOCAL QMGR_RSP QSGDISP(PRIVATE) WAS NOT FOUND</p> <p>MQQLOCAL QMGR_RSP CSQM090E -CSQ1 CSQMRQLC FAILURE REASON CODE X'00D44002'</p> <p>MQQLOCAL QMGR_RSP CSQ9023E -CSQ1 CSQMRQLC ' CLEAR QLOCAL' ABNORMAL COMPLETION</p> <p>MQQLOCAL MESSAGE MQSR121I SMQSR COMMAND_RESPONSE request complete</p> <p>MQQLOCAL MESSAGE MQSR038E CLEAR QLOCAL('queue.name') command failed.</p> <p>2. The queue name processed will be correct, but it could be referenced in the wrong QMgr, resulting in a 'queue not found' condition or the action being taken against an undesired queue.</p> <p>3. Issuing the GRAPH or PLOT commands for a mixed case MQ queue name may fail with the following error message:</p> <p>GRPH002E Requested metric was not found</p> <p>PLOT016E Requested metric was not found</p> <p>IMPACT:</p> <p>1. Cannot easily clear messages from a shared queue.</p> <p>2. If the same queue names exist in several QMgrs an action could be taken in the wrong QMgr.</p> <p>CIRCUMVENTION:</p> <p>1. Manually issue MQCMD CLEAR QLOCAL('queue.name').</p> <p>2. When MQQLOCAL or MQQPERF is not in REGION mode, use the MQ command to asid-switch to the desired QMgr before issuing the line command.</p> <p>3. Unable to use GRAPH or PLOT commands for mixed case queue names.</p> <p>PRODUCT(S) AFFECTED:</p> <p>SYSVIEW Performance Management</p>

Service	Details	
	SYSVIEW Performance Management Version 17.0	
	Related Problem:	
	SYSVW 18611	
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	R00038-NM4170	
	DESC (MQSR038E CLEAR QLOCAL FAILED FOR SHARED QUEUE) .	
	++VER (Z038)	
	FMID (CNM4H00)	
	PRE (LU08271)	
	SUP (LT08294)	
	MCS	LU06852 STARTS ON PAGE 0002
	MCS	LU07796 STARTS ON PAGE 0003
	MCS	LU07888 STARTS ON PAGE 0004
	MCS	LU07917 STARTS ON PAGE 0005
	MCS	LU07933 STARTS ON PAGE 0009
	MCS	LU08011 STARTS ON PAGE 0010
	MCS	LU08071 STARTS ON PAGE 0012
	MCS	LU08271 STARTS ON PAGE 0013
	MCS	LU08292 STARTS ON PAGE 0026
	MCS	LU08294 STARTS ON PAGE 0028

Product Family	Product	Release
Performance and Storage	SYSVIEW PERFORMANCE MANAGEMENT	17.00.00
The CA RS 2212 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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