Service	Description	Type
LU09414	WHEREFILELIST USER COMMAND FOR DSALLOC	PTF
LU09521	XSLIST DISPLAY CONTAINS INVALID ENTRIES	PTF
LU09628	SYSVAPPS REST SERVER UPDATE	PTF
LU09732	SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS	PTF
LU09745	SOFTWARE RISK ASSESSMENT: PRODUCTS, RECEIVE ORDERS, HOLDDATA	PTF
LU09757	DYNAMIC MONRULES NOT WORKING FOR STATE METRICS	PTF
LU09775	GSVX554E CICSDATA CONNECT TO PLOT / XLOG LOG STREAMS	PTF
LU09928	CICS TS 6.2 ETP10 OPEN BETA SUPPORT	PTF
LU09995	CICS HIGHCPU PROCESSING INVALID TRANIDS	*HIP/PRP*

The CA RS 2305 service count for this release is 9

FMID	Service	Description	Type
CNM4H00	LU09414	WHEREFILELIST USER COMMAND FOR DSALLOC	PTF
	LU09521	XSLIST DISPLAY CONTAINS INVALID ENTRIES	PTF
	LU09628	SYSVAPPS REST SERVER UPDATE	PTF
	LU09732	SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS	PTF
	LU09745	SOFTWARE RISK ASSESSMENT: PRODUCTS, RECEIVE ORDERS, HOLDDATA	PTF
	LU09757	DYNAMIC MONRULES NOT WORKING FOR STATE METRICS	PTF
	LU09775	GSVX554E CICSDATA CONNECT TO PLOT / XLOG LOG STREAMS	PTF
	LU09928	CICS TS 6.2 ETP10 OPEN BETA SUPPORT	PTF
	LU09995	CICS HIGHCPU PROCESSING INVALID TRANIDS	*HIP/PRP*
The CA RS 2305 service count for this FMID is 9			

Service	Details
LU09414	LU09414 M.C.S. ENTRIES = ++PTF (LU09414) REWORK(2023110) WHEREFILELIST USER COMMAND FOR DSALLOC ENHANCEMENT DESCRIPTION: This feature PTF contains an enhancement to allow a SYSVIEW user a method to easily locate where a file is located under all allocated data sets for a given job. This PTF contains a small enhancement to the FILELIST REXX exec. FILELIST has been enhanced to work with the DSALLOC command concatenation using a new user command named WHEREFILELIST. Background information: The existing FILELIST user command provides a method to process a list of data set names to produce a single display containing the directory entries from all data sets in the list. SYSVIEW provides an example of predefined file list's in the CNMB4PRM(FILELIST) member. For example, issuing FILELIST MACLIB generates a list of all members in the PDS libraries assigned to MACLIB in the FILELIST member. Using a command such as 'SELECT member' shows only hits for that specific member within the given list of PDS's. Commands such as LINKLIST, PROCLIST, DDLIST have a WHERE subcommand that searches for members or modules within a list of concatenated data sets. An example command to locate all occurrences of the module IEFBR14 within the LINKLIST: LINKLIST ; WHERE IEFBR14 The new WHEREFILELIST user command provided by this PTF combines the WHERE subcommand search ability with FILELIST to provide a single command to locate a member in the DSALLOC command display. The format for the new user command is: WHEREFilelist member DSALLOC parms For example, if you were searching for a REXX member in your DSALLOC concatenation called SYSV and were not sure if it was in your SYSPROC or SYSEXEC DD, you can use the following format to locate the member: WHEREFilelist SYSV DSALLOC <TSO userid> PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 19817 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00060-NM4170 DESC(WHEREFILELIST USER COMMAND FOR DSALLOC). ++VER (Z038) FMID (CNM4H00) SUP (LT09414) ++HOLD (LU09414) SYSTEM FMID(CNM4H00) REASON (ENH) DATE (23110) COMMENT (+----------+ | SYSVIEW Performance Management Version 17.0 | +----------+----------+ |SEQUENCE | Before Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+

Service	Details
	|USERS AFFECTED | All users of the SYSVIEW | +----------+----------+ |KNOWLEDGE REQUIRED | Product Administration | +----------+----------+ |ACCESS REQUIRED | Product libraries | +----------+----------+ ********** * STEPS TO PERFORM * ********** This feature PTF contains an enhancement to allow a SYSVIEW user a method to easily locate where a file is located under all allocated data sets for a given job. This PTF contains a small enhancement to the FILELIST REXX exec. FILELIST has been enhanced to work with the DSALLOC command concatenation using a new user command named WHEREFILELIST. Background information: The existing FILELIST user command provides a method to process a list of data set names to produce a single display containing the directory entries from all data sets in the list. SYSVIEW provides an example of predefined file list's in the CNMB4PRM(FILELIST) member. For example, issuing FILELIST MACLIB generates a list of all members in the PDS libraries assigned to MACLIB in the FILELIST member. Using a command such as 'SELECT member' shows only hits for that specific member within the given list of PDS's. Commands such as LINKLIST, PROCLIST, DDLIST have a WHERE subcommand that searches for members or modules within a list of concatenated data sets. An example command to locate all occurrences of the module IEFBR14 within the LINKLIST: LINKLIST ; WHERE IEFBR14 The new WHEREFILELIST user command provided by this PTF combines the WHERE subcommand search ability with FILELIST to provide a single command to locate a member in the DSALLOC command display. The format for the new user command is: WHEREFilelist member DSALLOC parms For example, if you were searching for a REXX member in your DSALLOC concatenation called SYSV and were not sure if it was in your SYSPROC or SYSEXEC DD, you can use the following format to locate the member: WHEREFilelist SYSV DSALLOC <TSO userid>).

Service	Details
LU09521	LU09521 M.C.S. ENTRIES = ++PTF (LU09521) REWORK(2023096) XSLIST DISPLAY CONTAINS INVALID ENTRIES PROBLEM DESCRIPTION: Issuing the XSLIST command might produce invalid entries. While processing the cross-system CCI servers, some entries are processed twice. On the second evaluation they are marked as INACTIVE. SYMPTOMS: Invalid entries shown on the XSLIST display show as INACTIVE with no Jobname or Jobid present. IMPACT: Incorrect cross-system server information displays. CIRCUMVENTION: None PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 19902 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00062-NM4170 DESC(XSLIST DISPLAY CONTAINS INVALID ENTRIES). ++VER (Z038) FMID (CNM4H00) SUP (LT09521)

Service	Details
LU09628	LU09628 M.C.S. ENTRIES = ++PTF (LU09628) REWORK(2023096) SYSVAPPS REST SERVER UPDATE PROBLEM DESCRIPTION: This PTF updates the SYSVIEW REST Server (SYSVAPPS) to the latest maintenance. The following updates are included in this PTF: 1. Add support for Application Transparent Transport Layer Security (AT-TLS). To configure SYSVAPPS to use AT-TLS, add 'attls' to the list of spring profiles in the RUNTIME_DIR/config/application.yml file: spring.profiles.active: https,zos,attls Complete the section for SAF keyrings as well. 2. Update all third-party software dependencies to the latest versions. This includes all packages which have had vulnerabilities reported. Note that the SYSVIEW REST server does NOT meet the requirements for any currently reported CVE, and is therefore NOT vulnerable. Specifically, the following vulnerabilities are being mitigated: Jettison: 2022-45653, 2022-45693 Netty Project: 2022-41881, 2022-41915 Apache Tomcat: 2022-45143 XStream: 2022-41966 This is a proactive step for ease of mind, as threats might still be reported when running a scan on the JAR file. SYMPTOMS: 1. Unable to use AT-TLS. 2. When running vulnerability scans against the SYSVAPPS REST Server JAR file, false alarms might trigger. IMPACT: 1. SYSVAPPS must handle its own security, instead of RACF. 2. Unnecessary concern about whether the SYSVAPPS REST server is secure. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 19964 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00064-NM4170 DESC(SYSVAPPS REST SERVER UPDATE). ++VER (Z038) FMID (CNM4H00) PRE (LU07917 LU08271 LU08803) SUP (LT09628) ++HOLD (LU09628) SYSTEM FMID(CNM4H00) REASON (RESTART) DATE (23096) COMMENT (+----------+ | SYSVIEW Performance Management Version 17.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+

Service	Details
	|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.
	This ptf adds a new shared object library, libbcm-apisdk-attls.so.
	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. Add the below lines to your sysviewhlq.SAMPJCL(MAINT009) sample JCL,
	substituting <sysview_uss_dir> with the SYSVIEW USS directory path.
	//*==*
	//* Copy directory path *
	//*==*
	//COPYD4 EXEC PGM=IKJEFT01,REGION=0M,
	// DYNAMNBR=99,COND=(0,NE)
	//SYSTSPRT DD SYSOUT=*
	//STDERR DD SYSOUT=*
	//STDOUT DD SYSOUT=*
	//SYSTSIN DD *
	BPXBATCH SH cp -v +
	<sysview_uss_dir>/apps/libbcm-apisdk-attls.so +
	<sysview_uss_dir>/runtime_apps
	/*
	//*
	//*==*
	//* Set the program control attribute *
	//*==*
	//PGMCTL3 EXEC PGM=IKJEFT01,
	// REGION=0M,COND=(0,NE)
	//STDOUT DD SYSOUT=*
	//STDERR DD SYSOUT=*
	//SYSTSPRT DD SYSOUT=*
	//SYSTSIN DD *
	BPXBATCH SH extattr +p +
	<sysview_uss_dir>/runtime_apps/libbcm-apisdk-attls.so
	/*
	//*
	3. Deploy the SMP/E managed directories to the run-time directories
	by running the sysviewhlq.SAMPJCL(MAINT009) sample JCL. Verify
	it is pointing to the correct /runtime_apps directory.
	4. Start the SYSVAPPS task (S SYSVAPPS)
	).
	LINK('../libbcm-apisdk-attls.so') PARM(PATHMODE(0,7,7,5)).

Service	Details
	LINK('../SYSVIEW-app-server.jar') PARM(PATHMODE(0,7,7,5)).
	LINK('../libGSVXRAPI.so') PARM(PATHMODE(0,7,7,5)).
	LINK('../libbcm-apisdk-security.so') PARM(PATHMODE(0,7,7,5)).

Service	Details
LU09732	LU09732 M.C.S. ENTRIES = ++PTF (LU09732) REWORK(2023096) SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS PROBLEM DESCRIPTION: When MONITOR-MQS-REQUESTS is set to YES in the MQSDATA parmlib member, SYSVIEW might require a large amount of storage to retain information for the objects. These objects are typically dynamic queues with a queue name suffix of a store clock (STCK) value. With this fix, data collection for these types of dynamic queues will be performed on the queue name prefix. This will group the requests under a single collection entry for the queue to limit storage usage. SYMPTOMS: SYSVIEW might experience storage related abends at any point and the large amount of storage used resides in SUBPOOL 56. The MQ requests will show many queue objects with a 16-byte STCK value as the suffix. This can lead to storage abends in the SYSVIEW address space when the number of objects are excessive and SYSVIEW is not recycled periodically. The queue objects ending in STCK values will now be grouped by the prefix, with a suffix of 'FFFFFFFFFFFFFFFF' to prevent the excessive storage usage. IMPACT: SYSVIEW address space abending with possible S878 or other related storage abends. CIRCUMVENTION: Set MONITOR-MQS-REQUESTS to NO and recycle SYSVIEW. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 20083 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00068-NM4170 DESC(SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS). ++VER (Z038) FMID (CNM4H00) PRE (LU08271) SUP (LT09732)

Service	Details
LU09745	LU09745 M.C.S. ENTRIES = ++PTF (LU09745) REWORK(2023101) SOFTWARE RISK ASSESSMENT: PRODUCTS, RECEIVE ORDERS, HOLDDATA ENHANCEMENT DESCRIPTION: This feature PTF contains several enhancements to Software Risk Assessment and various other minor updates. Through the use of new commands, Software Risk Assessment can now display additional information that is found in SMP/E CSIs. Use the new commands to access and display important SMP/E information related to HOLDDATA, receive orders, and installed products. 1. New CSI Commands The following new commands display data from a given SMP/E CSI. * New CSIHOLD commamd Displays HOLDDATA information that is found in an SMP/E CSI data set. Use the command to display HOLDDATA information that is associated with a SYSMOD. * New CSIORDER commamd Displays receive order information that is found in an SMP/E CSI data set. Use the command to display a list of receive orders, the status of receive order requests, and a list of PTFs that are contained in a receive order. * New CSIPROD commamd Displays a list of SMP/E installed products, features, and FMIDs. 2. Retrieval of Vendor Product Lifecycle on PTFS The PTFS command was enhanced to retrieve product lifecycle information for only the current vendor displayed on the command. Previously, product lifecycle information was retrieved for all configured vendors when using the PTFS command. A vendor name must be found in the SMP/E CSI for this function to work. Otherwise, when a vendor name can not be determined from the CSI, lifecycle files for all configured vendors will still be retrieved. To support this enhancement, a new "Alias" keyword was added to CNM4XML(SVWXPRDL). The keyword associates multiple vendor names with the same entry product lifecycle file in SVWXPRDL. For more information, see the help topic titled "Configuring Product Lifecycle Information". 3. Miscellaneous Software Risk Assessment Updates * The EOSWarn field in the information area of the PRODLIFE command is now overtypable. * A new Version field was added to the PTFLIST command. The field indicates the product, feature, or FMID version. * A new Version keyword was added to CNM4BPRM(SVWXPTFL). The keyword allows the user to define the product, feature, or FMID version associated with the entry. 4. Function Registration Updates * The FXE command was enhanced to display the following new fields from the IBM Function Registry for z/OS: Field Description --- --- ProdRel Product release FuncTelemetry Function telemetry * SYSVIEW now registers Software Risk Assessment with the IBM Function Registry for z/OS. Feature-SRA now appears in the Function field on the FXE command. Broadcom PTF LU08836 for the Resource Initialization Manager (RIM) component of Common Components and Services (CCS) must be applied

Service	Details
	for SYSVIEW's function registrations to succeed. When the PTF is not applied, the following message will appear in the SYSVIEW job log when SYSVIEW starts: GSV4250E (MAIN) CCS REG_FEATURE LIST failed. FL_LMPKEY is invalid Additional Enhancements: 1. Absolute Capping Monitoring The PRISM command display was enhanced to display new fields that display the status of absolute capping definitions. The fields allow easier access to absolute capping information without requiring users to access the Hardware Management Console (HMC). The PRISM command now displays the following new fields: Field Description ------ ---------- AbsCap Absolute capping limit GrpCap Absolute capping group limit PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 20139 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00069-NM4170 DESC(SOFTWARE RISK ASSESSMENT: PRODUCTS, RECEIVE ORDERS, HOLDDATA). ++VER (Z038) FMID (CNM4H00) PRE (LU07759 LU08271 LU08803 LU08900 LU09124 LU09367 LU09711) SUP (LT08874 LT09745 LU08874) ++HOLD (LU09745) SYSTEM FMID(CNM4H00) REASON (DEP) DATE (23101) COMMENT (+----------+----------+ | SYSVIEW Performance Management Version 17.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | Broadcom PTF LU08836 for Common Components and Services | | | must be applied for SYSVIEW's function registrations to | | | succeed. | +----------+----------+ |USERS | All users of SYSVIEW | |AFFECTED | | +----------+----------+ |KNOWLEDGE | SMP/E | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | | +----------+----------+ ********** * STEPS TO PERFORM * ********** Broadcom PTF LU08836 for the Resource Initialization Manager (RIM) component of Common Components and Services (CCS) must be applied for SYSVIEW's function registrations to succeed. When the PTF is

Service	Details
	not applied, the following message will appear in the SYSVIEW job log when SYSVIEW starts: GSV4250E (MAIN) CCS REG_FEATURE LIST failed. FL_LMPKEY is invalid). ++HOLD (LU09745) SYSTEM FMID(CNM4H00) REASON (ENH) DATE (23101) COMMENT (+----------+----------+ | SYSVIEW Performance Management Version 17.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | Software Risk Assessment Enhancements | +----------+----------+ |USERS | All users of Software Risk Assessment | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | | +----------+----------+ ********** * STEPS TO PERFORM * ********** ENHANCEMENT DESCRIPTION: This feature PTF contains several enhancements to Software Risk Assessment and various other minor updates. Through the use of new commands, Software Risk Assessment can now display additional information that is found in SMP/E CSIs. Use the new commands to access and display important SMP/E information related to HOLDDATA, receive orders, and installed products. 1. New CSI Commands The following new commands display data from a given SMP/E CSI. * New CSIHOLD commamd Displays HOLDDATA information that is found in an SMP/E CSI data set. Use the command to display HOLDDATA information that is associated with a SYSMOD. * New CSIORDER commamd Displays receive order information that is found in an SMP/E CSI data set. Use the command to display a list of receive orders, the status of receive order requests, and a list of PTFs that are contained in a receive order. * New CSIPROD commamd Displays a list of SMP/E installed products, features, and FMIDs. 2. Retrieval of Vendor Product Lifecycle on PTFS The PTFS command was enhanced to retrieve product lifecycle information for only the current vendor displayed on the command. Previously, product lifecycle information was retrieved for all configured vendors when using the PTFS command. A vendor name must be found in the SMP/E CSI for this function to work. Otherwise, when a vendor name can not be determined from the CSI, lifecycle files for all configured vendors will still be retrieved.

Service	Details
	To support this enhancement, a new "Alias" keyword was added to CNM4XML(SVWXPRDL). The keyword associates multiple vendor names with the same entry product lifecycle file in SVWXPRDL. For more information, see the help topic titled "Configuring Product Lifecycle Information". 3. Miscellaneous Software Risk Assessment Updates * The EOSWarn field in the information area of the PRODLIFE command is now overtypable. * A new Version field was added to the PTFLIST command. The field indicates the product, feature, or FMID version. * A new Version keyword was added to CNM4BPRM(SVWXPTFL). The keyword allows the user to define the product, feature, or FMID version associated with the entry. 4. Function Registration Updates * The FXE command was enhanced to display the following new fields from the IBM Function Registry for z/OS: Field Description ---------- ---------- ProdRel Product release FuncTelemetry Function telemetry * SYSVIEW now registers Software Risk Assessment with the IBM Function Registry for z/OS. Feature-SRA now appears in the Function field on the FXE command. Broadcom PTF LU08836 for the Resource Initialization Manager (RIM) component of Common Components and Services (CCS) must be applied for SYSVIEW's function registrations to succeed. When the PTF is not applied, the following message will appear in the SYSVIEW job log when SYSVIEW starts: GSV4250E (MAIN) CCS REG_FEATURE LIST failed. FL_LMPKEY is invalid Additional Enhancements: 1. Absolute Capping Monitoring The PRISM command display was enhanced to display new fields that display the status of absolute capping definitions. The fields allow easier access to absolute capping information without requiring users to access the Hardware Management Console (HMC). The PRISM command now displays the following new fields: Field Description ------ ---------- AbsCap Absolute capping limit GrpCap Absolute capping group limit).

Service	Details
LU09757	LU09757 M.C.S. ENTRIES = ++PTF (LU09757) REWORK(2023104) DYNAMIC MONRULES NOT WORKING FOR STATE METRICS PROBLEM DESCRIPTION: A specific set of state exception rules do not trigger correctly. This is caused by new monitor rules added on the MONRULES command after SYSVIEW startup not properly creating the appropriate data collection block for the metric resource. This results in data collection not occurring for the specific set of metrics, and thus any related state exception rules will not trigger. The following MONRULES and corresponding state metrics are affected: MONRULES State metric Alias ---------- ---------- --------- IMS_MonitorImsId IMS_Status IMSSTAT JVM_MonitorApplication JVM_APPL_ApplicationStatus JVMSTAT MQ_MonitorQMgr MQ_QMGR_Status MQSTATUS MVS_JOB_Status MVS_JOB_Status JOBSTAT MVS_MonitorVtamApplid MVS_VTAM_ApplidStatus APPLSTAT TCP_MonitorTcpId TCP_Status TCPSTAT Note this problem does not occur if the monitor rules are in place and read in from either parmlib (COLD start) or DATALIB (WARM start) members at SYSVIEW startup. SYMPTOMS: In the reported case, an MVS_JOB_Status entry was added on MONRULES for a jobname. However, the corresponding MVS_JOB_Status state rule did not trigger when the job was inactive. IMPACT: State exception alerts might not trigger for monitored elements. CIRCUMVENTION: Ensure the desired MONRULES are in place before SYSVIEW startup. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 20159 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00070-NM4170 DESC(DYNAMIC MONRULES NOT WORKING FOR STATE METRICS). ++VER (Z038) FMID (CNM4H00) PRE (LU09156) SUP (LT09757)

Service	Details
LU09775	LU09775 M.C.S. ENTRIES = ++PTF (LU09775) REWORK(2023100) GSVX554E CICSDATA CONNECT TO PLOT / XLOG LOG STREAMS PROBLEM DESCRIPTION: When running SYSVIEW Essentials, errors are received during SYSVIEW startup because the CICSDATA subtask tries to connect to the PLOT and XLOG log streams, which do not get defined during an Essentials install. The CICSDATA subtask should not try to connect to these log streams. SYMPTOMS: Error messages similar to the following appear in the SYSVIEW STC job log during startup. However, SYSVIEW continues to function fine. IXG231I IXGCONN REQUEST=CONNECT TO LOG STREAM GSVX.SYSDATA.PLOT.xxxx DID NOT SUCCEED FOR JOB SYSVIEW. RETURN CODE: 00000008 REASON CODE: 0000080B DIAG1: 00000000 DIAG2: 00000000 DIAG3: 00000000 DIAG4: 00000000 GSV2808I (CICSDATA) Specified log stream name not defined in the LOGR policy. GSVX554E (CICSDATA) IXGCONN CONNECT failed, log stream name not defined IXG231I IXGCONN REQUEST=CONNECT TO LOG STREAM GSVX.SYSDATA.XLOG.xxxx DID NOT SUCCEED FOR JOB SYSVIEW. RETURN CODE: 00000008 REASON CODE: 0000080B DIAG1: 00000000 DIAG2: 00000000 DIAG3: 00000000 DIAG4: 00000000 GSV2808I (CICSDATA) Specified log stream name not defined in the LOGR policy. GSVX554E (CICSDATA) IXGCONN CONNECT failed, log stream name not defined IMPACT: Error messages appear but no function loss occurs. CIRCUMVENTION: When running SYSVIEW Essentials, specify the following options in the SYSDATA parmlib member: LOGSTREAM-PLOTLOG-NAME NONE LOGSTREAM-XLOG-NAME NONE PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 20182 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00071-NM4170 DESC(GSVX554E CICSDATA CONNECT TO PLOT / XLOG LOG STREAMS). ++VER (Z038) FMID (CNM4H00) SUP (LT09775)

Service	Details
LU09928	LU09928 M.C.S. ENTRIES = ++PTF (LU09928) REWORK(2023114) CICS TS 6.2 ETP10 OPEN BETA SUPPORT ENHANCEMENT DESCRIPTION: This PTF provides SYSVIEW users with compatibility support for IBM CICS Transaction Server (TS) version 6.2 ETP10 Open Beta. In addition to CICS TS 6.2 ETP10 Open Beta support, the following enhancements were added: o CICS Open TCB support and DSA storage constraint relief. Updates were made to allow all SYSVIEW CICS transactions and programs to run on a CICS Open TCB, and to use 31-bit EDSA storage instead of 24-bit DSA storage. The changes let you move transaction work from the QR TCB to an Open TCB and provide 24-bit storage relief, which results in a lesser impact caused by SYSVIEW on constrained CICS resources. Transaction and program definition changes are not required. Your existing definitions will continue to work. However, to take advantage of the enhancements, apply this PTF and update your CICS CSD transaction and program definitions. The PTF is compatible with the previous and new definitions. However, the new definitions require this PTF. This PTF supplies a new member named CNM4BSAM(CICSCSDA). The member contains the necessary ALTER statements to upgrade your existing CICS CSD definitions. Installation job INST0060 in the SAMPJCL data set can be reused, along with the new CICSCSDA member, to perform this action. This PTF also updates the definitions in the existing member CNM4BSAM(CICSCSD) that the INST0060 job uses when you install SYSVIEW. Alternatively, you can use the CICSCSD member to delete and redefine all SYSVIEW CSD definitions. Summary of changes: * All CICS transactions specify the following attribute: TASKDATALOC(ANY) * All CICS programs specify the following attributes: API(OPENAPI) CONCURRENCY(THREADSAFE) DATALOCATION(ANY) After you apply the changes, you might encounter abends in the Common Components and Services for z/OS (CCS) Event Notification Facility (ENF) when shutting down CICS regions. To prevent the problems from occurring, apply Broadcom CCS ENF 15.0 PTF LU03375 before you update the CSD definitions. o Enhanced monitoring of CICS short on storage (SOS) conditions in CICS TS 5.6 and higher. The following state data collection metric was enhanced to support new RsceName values of PVT, EPVT, GPVT: Metric Description Metric alias ------------------------------ -------------------------------- CICS_DSA_SOSStatus DSA is short on storage SOSEVENT The PVT and EPVT SOS monitoring relies on the native CICS monitoring of MVS user region unallocated storage that was introduced in CICS TS 5.6 using the following CICS feature toggles: com.ibm.cics.mvssm.mon.interval

Service	Details
	com.ibm.cics.mvssm.sos24.minavailable.contiguous com.ibm.cics.mvssm.sos24.minavailable.total com.ibm.cics.mvssm.sos31.minavailable.contiguous com.ibm.cics.mvssm.sos31.minavailable.total The GPVT SOS monitoring relies on the native CICS monitoring of MEMLIMIT unallocated storage that was introduced in CICS TS 6.2 using the following System Initialization Table (SIT) parameters (replacing the previous feature toggles): ZOSMONINTERVAL ZOSSOS24UNALLOC ZOSSOS31UNALLOC ZOSSOS64UNALLOC o Monitoring of programs invoked using CALL statement. SYSVIEW for CICS can now monitor and collect usage of calls to programs that do not utilize EXEC CICS LINK or XCTL. These calls are sometimes referred to as COBOL dynamic calls. This functionality allows COBOL dynamic calls to be tracked in the SYSVIEW CICS transaction detail record (CTRANLOG) in the Programs section. * The following new configuration option was added to parmlib member SVWCOPTS to control this functionality: TRANSACTION-DATA-PROGRAMS-CALLS NO Setting the option to YES also requires the following option: TRANSACTION-DATA-PROGRAMS YES o Enhanced CTCLASS command. The following update was made to the CTCLASS command display: * New field PurgeAct was added to display the action CICS takes for a request that starts a transaction when its associated TRANCLASS has reached the purge threshold. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 20239 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00073-NM4170 DESC(CICS TS 6.2 ETP10 OPEN BETA SUPPORT). ++VER (Z038) FMID (CNM4H00) PRE (LU08271 LU08292 LU08378 LU08803 LU08961 LU09265) SUP (LT09061 LT09928 LU09061) ++HOLD (LU09928) SYSTEM FMID(CNM4H00) REASON (ACTION) DATE (23114) COMMENT (+----------+ | SYSVIEW Performance Management Version 17.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | Optionally upgrade SYSVIEW transaction/program CICS CSD | | | definitions. | +----------+----------+ |USERS | All users of SYSVIEW for CICS | |AFFECTED | | +----------+----------+

Service	Details
		KNOWLEDGE	Product Administration
REQUIRED	CICS Systems Programming	 +----------+----------+ 	ACCESS	Product libraries
REQUIRED	| +----------+----------+ ********** * STEPS TO PERFORM * ********** CICS transaction and program definition changes are not required. Your existing definitions will continue to work. However, to take advantage of the enhancements, apply this PTF and update your SYSVIEW CICS CSD transaction and program definitions. The PTF is compatible with the previous and new definitions. However, the new definitions require this PTF. This PTF supplies a new member named CNM4BSAM(CICSCSDA). The member contains the necessary ALTER statements to upgrade your existing CICS CSD definitions. Installation job INST0060 in the SAMPJCL data set can be reused, along with the new CICSCSDA member, to perform this action. This PTF also updates the definitions in the existing member CNM4BSAM(CICSCSD) that the INST0060 job uses when you install SYSVIEW. Alternatively, you can use the CICSCSD member to delete and redefine all SYSVIEW CSD definitions. Summary of changes: * All CICS transactions specify the following attribute: TASKDATALOC(ANY) * All CICS programs specify the following attributes: API(OPENAPI) CONCURRENCY(THREADSAFE) DATALOCATION(ANY) After you apply the changes, you might encounter abends in the Common Components and Services for z/OS (CCS) Event Notification Facility (ENF) when shutting down CICS regions. To prevent the problems from occurring, apply Broadcom CCS ENF 15.0 PTF LU03375 before you update the CSD definitions.). ++HOLD (LU09928) SYSTEM FMID(CNM4H00) REASON (ENH) DATE (23114) COMMENT (+----------+----------+ | SYSVIEW Performance Management Version 17.0 | +----------+----------+ |SEQUENCE	After Apply | +----------+----------+ |PURPOSE	CICS TS 6.2 ETP10 Open Beta Support | +----------+----------+ |USERS	All users of SYSVIEW for CICS
AFFECTED		 +----------+----------+ 	KNOWLEDGE	Product Administration
REQUIRED	CICS Systems Programming	 +----------+----------+ 	ACCESS	Product libraries
REQUIRED	

Service	Details
	+----------+--+ ************************** * STEPS TO PERFORM * ************************** ENHANCEMENT DESCRIPTION: This PTF provides SYSVIEW users with compatibility support for IBM CICS Transaction Server (TS) version 6.2 ETP10 Open Beta. In addition to CICS TS 6.2 ETP10 Open Beta support, the following enhancements were added: o CICS Open TCB support and DSA storage constraint relief. Updates were made to allow all SYSVIEW CICS transactions and programs to run on a CICS Open TCB, and to use 31-bit EDSA storage instead of 24-bit DSA storage. The changes let you move transaction work from the QR TCB to an Open TCB and provide 24-bit storage relief, which results in a lesser impact caused by SYSVIEW on constrained CICS resources. Transaction and program definition changes are not required. Your existing definitions will continue to work. However, to take advantage of the enhancements, apply this PTF and update your CICS CSD transaction and program definitions. The PTF is compatible with the previous and new definitions. However, the new definitions require this PTF. See the ACTION hold for instructions on altering your existing definitions. o Enhanced monitoring of CICS short on storage (SOS) conditions in CICS TS 5.6 and higher. The following state data collection metric was enhanced to support new RsceName values of PVT, EPVT, GPVT: Metric Description Metric alias ------------------------------ -------------------------------- CICS_DSA_SOSStatus DSA is short on storage SOSEVENT The PVT and EPVT SOS monitoring relies on the native CICS monitoring of MVS user region unallocated storage that was introduced in CICS TS 5.6 using the following CICS feature toggles: com.ibm.cics.mvssm.mon.interval com.ibm.cics.mvssm.sos24.minavailable.contiguous com.ibm.cics.mvssm.sos24.minavailable.total com.ibm.cics.mvssm.sos31.minavailable.contiguous com.ibm.cics.mvssm.sos31.minavailable.total The GPVT SOS monitoring relies on the native CICS monitoring of MEMLIMIT unallocated storage that was introduced in CICS TS 6.2 using the following System Initialization Table (SIT) parameters (replacing the previous feature toggles): ZOSMONINTERVAL ZOSSOS24UNALLOC ZOSSOS31UNALLOC ZOSSOS64UNALLOC o Monitoring of programs invoked using CALL statement. SYSVIEW for CICS can now monitor and collect usage of calls to programs that do not utilize EXEC CICS LINK or XCTL. These calls are sometimes referred to as COBOL dynamic calls. This functionality allows COBOL dynamic calls to be tracked in the SYSVIEW CICS transaction detail record (CTRANLOG) in the Programs section.

Service	Details
	* The following new configuration option was added to parmlib member SVWCOPTS to control this functionality: TRANSACTION-DATA-PROGRAMS-CALLS NO Setting the option to YES also requires the following option: TRANSACTION-DATA-PROGRAMS YES o Enhanced CTCLASS command. The following update was made to the CTCLASS command display: * New field PurgeAct was added to display the action CICS takes for a request that starts a transaction when its associated TRANCLASS has reached the purge threshold.). ++HOLD (LU09928) SYSTEM FMID(CNM4H00) REASON (RESTART) DATE (23114) 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 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. If you optionally choose to upgrade your CICS CSD definitions for SYSVIEW transactions and programs, reference the ACTION hold data for sample JCL to make the updates, and then Install the updated definitions in any regions that were not stopped. 6. Start the SYSVIEW STCs, GSSA, and any user sessions. 7. Start any CICS regions being monitored by SYSVIEW, or use the GSVS (start) transaction to start SYSVIEW for CICS within each region.).

Service	Details
LU09995	LU09995 M.C.S. ENTRIES = ++PTF (LU09995) REWORK(2023118) CICS HIGHCPU PROCESSING INVALID TRANIDS PROBLEM DESCRIPTION: A CICS region might experience high CPU usage if SYSVIEW monitoring is active in it, and a large number of unique undefined CICS transaction IDs are executed in the region over time. By default, data collection entries for the CICS_TSUM_xxxxxxxx (alias TSUMxxxx) metrics are dynamically added to the CSTATUS command as transaction IDs execute. The number of collection entries directly impacts CPU usage as they are processed on an interval basis. This processing is eligible to run on a zIIP processor if available, but could overflow to a general CP processor. The resolution to this problem prevents transaction summary entries from being created for undefined transaction IDs, which affects the CSTATUS, CTRANDEG, and CTRANSUM commands. If CICS System Initialization Table (SIT) parameter DTRTRAN=NO, you will continue to get entries for transaction ID CSAC. CTRANLOG records will continue to be created with the same transaction ID as before. CICS SIT parameter DTRTRAN impacts the transaction ID contained in the CICS 110 performance record, and thus the SYSVIEW CTRANLOG record. If DTRTRAN defaults to a value of CRTX, then the undefined transaction ID will be in the resulting transaction record with a program name of '########'. If DTRTRAN=NO then CICS switches an undefined transaction ID to run as transaction CSAC, and the transaction record will be for ID CSAC with a program name of DFHACP. SYMPTOMS: In the reported case, a CICS region had tens of thousands of undefined transaction IDs being executed. This number of CSTATUS data collection entries caused high zIIP CPU usage for the region. The SYSVIEW CSYSDMON command display showed a large amount of CPU attributed to the TASK-GSVCSDCS and TRAN-TSUMDATA entries. IMPACT: High CPU usage in the CICS address space. CIRCUMVENTION: The TRANSACTION-SUMMARY-STATS option in the SVWCOPTS parmlib member controls whether the transaction summary entries get dynamically added to CSTATUS, so the option can be temporarily turned off if desired. However, if this transaction summary collection is turned off then any CICS_TSUM_xxxxxxxx / TSUMxxxx threshold definitions will not function because the data no longer exists. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Version 16.0 SYSVIEW Performance Management Version 17.0 Related Problem: SYSVW 19922 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00076-NM4170 DESC(CICS HIGHCPU PROCESSING INVALID TRANIDS). ++VER (Z038) FMID (CNM4H00) PRE (LU08378 LU08803 LU09928) SUP (EC07645 LT09995)

Service	Details

```
++HOLD (LU09995) SYSTEM FMID(CNM4H00)
REASON (RESTART)   DATE (23118)
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.
).
MCS          LU09414            STARTS ON PAGE 0002
MCS          LU09521            STARTS ON PAGE 0004
MCS          LU09628            STARTS ON PAGE 0005
MCS          LU09732            STARTS ON PAGE 0007
MCS          LU09745            STARTS ON PAGE 0008
MCS          LU09757            STARTS ON PAGE 0022
MCS          LU09775            STARTS ON PAGE 0023
MCS          LU09928            STARTS ON PAGE 0024
MCS          LU09995            STARTS ON PAGE 0033
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Product Family	Product	Release
Performance and Storage	SYSVIEW PERFORMANCE MANAGEMENT	17.00.00

The CA RS 2305 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2305	LU09995	CNM4H00
	LU09928	CNM4H00
	LU09775	CNM4H00
	LU09757	CNM4H00
	LU09745	CNM4H00
	LU09732	CNM4H00
	LU09628	CNM4H00
	LU09521	CNM4H00
	LU09414	CNM4H00
CAR2304	LU09711	CNM4H00
	LU09668	CNM4H00
	LU09636	CNM4H00
	LU09561	CNM4H00
	LU09500	CNM4H00
	LU09367	CNM4H00
	LU09347	CNM4H00
	LU09265	CNM4H00
	LU09029	CNM4H00
CAR2303	LU09156	CNM4H00
	LU09124	CNM4H00
	LU09061	CNM4H00
	LU09050	CNM4H00
	LU08994	CNM4H00
	LU08972	CNM4H00
	LU08900	CNM4H00
	LU08681	CNM4H00
	LU08333	CNM4H00
CAR2302	LU08961	CNM4H00
	LU08874	CNM4H00
	LU08803	CNM4H00
	LU08663	CNM4H00
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

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