

SYSVIEW Performance Management 16.0
CA RS 2305 Service List

Service	Description	Type
LU09607	SYSVAPPS REST SERVER UPDATE	PTF
LU09733	SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS	PTF
The CA RS 2305 service count for this release is 2		

SYSVIEW Performance Management
CA RS 2305 Service List for CNM4G00

2

FMID	Service	Description	Type
CNM4G00	LU09607	SYSVAPPS REST SERVER UPDATE	PTF
	LU09733	SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS	PTF
The CA RS 2305 service count for this FMID is 2			

Service	Details
LU09607	M.C.S. ENTRIES = ++PTF (LU09607) 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 ManagementVersion 16.0 SYSVIEW Performance ManagementVersion 17.0 Related Problem: SYSVW 19964 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00368-NM4160 DESC(SYSVAPPS REST SERVER UPDATE). ++VER (Z038) FMID (CNM4G00) PRE (LU00517 LU00958 LU01709 LU02191 LU02427 LU03135 LU03153 LU03433 LU05981 LU07010 LU07918 S009059 S010098 S010316 S010853 S014533 S015210) SUP (LT09607) ++HOLD (LU09607) SYSTEM FMID(CNM4G00) REASON (RESTART) DATE (23096) COMMENT (+-----+ SYSVIEW Performance ManagementVersion 16.0 +-----+ SEQUENCE After Apply +-----+)

Service	Details
	<pre> 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. 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(GSVUAPSM) sample JCL, substituting <sysview_uss_dir> with the SYSVIEW USS directory path. /*=====* /* Copy directory path * /*=====* //COPYD4 EXEC PGM=IKJEFT01,REGION=OM, // 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=OM,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(GSVUAPSM) sample JCL. Verify it is pointing to the correct /runtime_apps directory. 4. Start the SYSVAPPS task (S SYSVAPPS) </pre>

Service	Details
	<pre>) . LINK(' ../libbcm-apisdk-attls.so') 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
LU09733	LU09733 M.C.S. ENTRIES = ++PTF (LU09733) 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 R00370-NM4160 DESC(SYSVIEW STORAGE SHORTAGE USING MONITOR-MQS-REQUESTS). ++VER (Z038) FMID (CNM4G00) PRE (LU01064 LU02125 LU02963 LU03135 S009059 S009589 S010316 S011028 S011875 S012125 S012816 S013538 S014533) SUP (LT09303 LT09733 LU09303) MCS LU09607 STARTS ON PAGE 0002 MCS LU09733 STARTS ON PAGE 0004

Product Family	Product	Release
Performance and Storage	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00
The CA RS 2305 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2305	LU09733	CNM4G00
	LU09607	CNM4G00
CAR2304	LU09707	CNM4G00
	LU09473	CNM4G00
	LU09316	CNM4G00
	LU09028	CNM4G00
CAR2303	LU09303	CNM4G00
	LU09047	CNM4G00
	LU08992	CNM4G00
	LU08971	CNM4G00
	LU08559	CNM4G00
CAR2302	LU08958	CNM4G00
	LU08895	CNM4G00
	LU08588	CNM4G00
CAR2301	LU08577	CNM4G00
	LU08361	CNM4G00
	LU08110	CNM4G00
	LU08068	CNM4G00
CAR2212	LU08287	CNM4G00
	LU07918	CNM4G00
	LU07887	CNM4G00
	LU07794	CNM4G00
	LU07761	CNM4G00
	LU07500	CNM4G00
	LU06776	CNM4G00
CAR2211	LU07715	CNM4G00
	LU07692	CNM4G00
	LU07663	CNM4G00
	LU07601	CNM4G00
	LU07580	CNM4G00
	LU07549	CNM4G00
	LU07527	CNM4G00
	LU07279	CNM4G00
	LU07152	CNM4G00
	LU07113	CNM4G00
	LU06796	CNM4G00
	LU07496	CNM4G00
	LU07411	CNM4G00
CAR2210	LU07363	CNM4G00
	LU07355	CNM4G00
	LU06759	CNM4G00
	LU06516	CNM4G00
	LU05088	CNM4G00
	LU07173	CNM4G00
	LU07041	CNM4G00
CAR2209	LU07010	CNM4G00
	LU06972	CNM4G00

CA RS Level	Service	FMID
	LU06724	CNM4G00
CAR2208	LU06598	CNM4G00
	LU06585	CNM4G00
	LU06479	CNM4G00
	LU06322	CNM4G00
	LU06234	CNM4G00
	LU05773	CNM4G00
	LU05601	CNM4G00
CAR2207	LU06443	CNM4G00
	LU06336	CNM4G00
	LU06319	CNM4G00
	LU06228	CNM4G00
	LU06165	CNM4G00
	LU06155	CNM4G00
	LU06145	CNM4G00
	LU06119	CNM4G00
	LU05981	CNM4G00
	LU05953	CNM4G00
	LU05776	CNM4G00
CAR2206	LU05980	CNM4G00
	LU05959	CNM4G00
	LU05819	CNM4G00
	LU05813	CNM4G00
	LU05777	CNM4G00
	LU05753	CNM4G00
	LU05574	CNM4G00
CAR2205	LU05614	CNM4G00
	LU05548	CNM4G00
	LU05311	CNM4G00
CAR2204	LU05263	CNM4G00
	LU05154	CNM4G00
	LU05136	CNM4G00
	LU05123	CNM4G00
	LU05097	CNM4G00
	LU05067	CNM4G00
	LU05026	CNM4G00
	LU05001	CNM4G00
CAR2203	LU04847	CNM4G00
	LU04796	CNM4G00
	LU04778	CNM4G00
	LU04722	CNM4G00
	LU04622	CNM4G00
	LU04570	CNM4G00
	LU04461	CNM4G00
CAR2202	LU04404	CNM4G00
	LU04364	CNM4G00
	LU04349	CNM4G00

CA RS Level	Service	FMID
	LU04342	CNM4G00
	LU04328	CNM4G00
	LU04281	CNM4G00
	LU04206	CNM4G00
	LU04177	CNM4G00
	LU04169	CNM4G00
	LU04147	CNM4G00
	LU04131	CNM4G00
	LU02573	CNM4G00
	LU02535	CNM4G00
CAR2201	LU03892	CNM4G00
	LU03874	CNM4G00
	LU03842	CNM4G00
	LU03805	CNM4G00
	LU03781	CNM4G00
CAR2112	LU03689	CNM4G00
	LU03616	CNM4G00
	LU03533	CNM4G00
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	LU03526	CNM4G00
	LU03480	CNM4G00
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	LU03359	CNM4G00
	LU03277	CNM4G00
	LU03115	CNM4G00
	LU02890	CNM4G00
	LU02544	CNM4G00
CAR2111	LU03284	CNM4G00
	LU03153	CNM4G00
	LU03135	CNM4G00
	LU03067	CNM4G00
	LU03050	CNM4G00
	LU03030	CNM4G00
	LU03000	CNM4G00
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	LU02963	CNM4G00
	LU02954	CNM4G00
	LU02613	CNM4G00
CAR2110	LU02875	CNM4G00
	LU02760	CNM4G00
	LU02748	CNM4G00
	LU02664	CNM4G00
	LU02620	CNM4G00
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	LU02548	CNM4G00
	LU02427	CNM4G00

CA RS Level	Service	FMID
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	LU02534	CNM4G00
	LU02441	CNM4G00
	LU02367	CNM4G00
	LU02316	CNM4G00
	LU02262	CNM4G00
	LU02244	CNM4G00
CAR2108	LU02191	CNM4G00
	LU02125	CNM4G00
	LU02032	CNM4G00
	LU02016	CNM4G00
	LU02000	CNM4G00
	LU01709	CNM4G00
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CAR2107	LU01855	CNM4G00
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	LU01773	CNM4G00
	LU01687	CNM4G00
	LU01568	CNM4G00
	LU01522	CNM4G00
	LU01511	CNM4G00
CAR2106	LU01501	CNM4G00
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	LU01394	CNM4G00
	LU01368	CNM4G00
	LU01353	CNM4G00
	LU01337	CNM4G00
	LU01138	CNM4G00
CAR2105	LU01095	CNM4G00
	LU01112	CNM4G00
	LU01098	CNM4G00
	LU01071	CNM4G00
	LU01064	CNM4G00
	LU01050	CNM4G00
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	LU00933	CNM4G00
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CAR2104	LU00806	CNM4G00
	LU00763	CNM4G00
	LU00742	CNM4G00
	LU00704	CNM4G00
	LU00630	CNM4G00

CA RS Level	Service	FMID
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	LU00527	CNM4G00
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	LU00409	CNM4G00
	LU00395	CNM4G00
CAR2103	S016310	CNM4G00
	LU00279	CNM4G00
CAR2102	S016292	CNM4G00
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	S016162	CNM4G00
	S016108	CNM4G00
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	S016035	CNM4G00
	S016034	CNM4G00
	S014945	CNM4G00
CAR2101	S016018	CNM4G00
	S015790	CNM4G00
	S013275	CNM4G00
CAR2012	S015783	CNM4G00
	S015746	CNM4G00
	S015546	CNM4G00
	S015518	CNM4G00
	S015433	CNM4G00
	S015374	CNM4G00
CAR2011	S015474	CNM4G00
	S015325	CNM4G00
	S015274	CNM4G00
	S015212	CNM4G00
	S015210	CNM4G00
	S015206	CNM4G00
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	S015053	CNM4G00
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	S014921	CNM4G00
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	S014746	CNM4G00
	S014740	CNM4G00
	S014696	CNM4G00
CAR2009	S014661	CNM4G00
	S014653	CNM4G00

CA RS Level	Service	FMID
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	S014487	CNM4G00
	S014442	CNM4G00
	S014411	CNM4G00
	S014363	CNM4G00
	S014361	CNM4G00
	S014259	CNM4G00
	S013364	CNM4G00
	S013186	CNM4G00
CAR2008	S014130	CNM4G00
	S014092	CNM4G00
	S014004	CNM4G00
	S013996	CNM4G00
	S013989	CNM4G00
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	S013927	CNM4G00
	S013792	CNM4G00
	S013701	CNM4G00
	S013485	CNM4G00
	S013350	CNM4G00
	S013268	CNM4G00
CAR2007	S013782	CNM4G00
	S013779	CNM4G00
	S013751	CNM4G00
	S013612	CNM4G00
	S013538	CNM4G00
	S013529	CNM4G00
	S013408	CNM4G00
	S013188	CNM4G00
CAR2006	S013276	CNM4G00
	S013240	CNM4G00
	S013228	CNM4G00
	S013187	CNM4G00
	S013116	CNM4G00
	S013089	CNM4G00
	S013072	CNM4G00
	S013033	CNM4G00
CAR2005	S012880	CNM4G00
	S012816	CNM4G00
	S012773	CNM4G00
	S012721	CNM4G00
	S012629	CNM4G00
	S012625	CNM4G00
	S012580	CNM4G00
	S012330	CNM4G00
CAR2004	S012516	CNM4G00
	S012474	CNM4G00

CA RS Level	Service	FMID
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	S012354	CNM4G00
	S012347	CNM4G00
	S012257	CNM4G00
	S012200	CNM4G00
	S012163	CNM4G00
CAR2003	S012125	CNM4G00
	S012051	CNM4G00
	S012050	CNM4G00
	S011959	CNM4G00
	S011955	CNM4G00
	S011898	CNM4G00
	S011891	CNM4G00
	S011875	CNM4G00
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	S011762	CNM4G00
	S010411	CNM4G00
CAR2002	S011830	CNM4G00
	S011821	CNM4G00
	S011798	CNM4G00
	S011683	CNM4G00
	S011642	CNM4G00
	S011632	CNM4G00
	S011553	CNM4G00
	S011361	CNM4G00
CAR2001	S011122	CNM4G00
	S011028	CNM4G00
CAR1912	S010853	CNM4G00
	S010849	CNM4G00
	S010710	CNM4G00
	S010680	CNM4G00
	S010649	CNM4G00
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CAR1911	S010537	CNM4G00
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	S010493	CNM4G00
	S010484	CNM4G00
	S010421	CNM4G00
	S010382	CNM4G00
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	S010326	CNM4G00
	S010316	CNM4G00
	S010269	CNM4G00

CA RS Level	Service	FMID
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CAR1910	S010206	CNM4G00
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	S010143	CNM4G00
	S010098	CNM4G00
	S009844	CNM4G00
	S009632	CNM4G00
CAR1909	S009772	CNM4G00
	S009681	CNM4G00
	S009650	CNM4G00
	S009607	CNM4G00
	S009589	CNM4G00
	S009537	CNM4G00
	S008894	CNM4G00
CAR1908	S009287	CNM4G00
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	S009013	CNM4G00
	S008793	CNM4G00
CAR1907	S008895	CNM4G00
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	S008228	CNM4G00