CA SYSVIEW Performance Management 15.0
CA RS 2101 Service List

Service	Description	Type
SO15888	CTSPOOLS SHOWS INCORRECT CONNECTED STATUS	PTF
SO15997	JVM PROBLEMS WHEN MONITORED BY JVM DATA COLLECTOR AGENT	*HIP/PRP*
The CA RS 2101 service count for this release is 2		

FMID	Service	Description	Type
CNM4F00	SO15888	CTSPOOLS SHOWS INCORRECT CONNECTED STATUS	PTF
	SO15997	JVM PROBLEMS WHEN MONITORED BY JVM DATA COLLECTOR AGENT	*HIP/PRP*
The CA RS 2101 service count for this FMID is 2			

Service	Details
SO15888	SO15888 M.C.S. ENTRIES = ++PTF (SO15888) CTSPOOLS SHOWS INCORRECT CONNECTED STATUS PROBLEM DESCRIPTION: The CTSPOOLS command will under some circumstances show a CONNECTED status for disconnected CICS Temporary Storage Pools. SYMPTOMS: The CTSPOOLS display will show the correct number of 'Pools connected' in the info area, but the entries for some pools will show CONNECTED status when not connected. IMPACT: Connection status of a CTSPOOL may be incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2514 Copyright (C) 2020 CA. All rights reserved. R00162-NM4150-SP1 DESC(CTSPOOLS SHOWS INCORRECT CONNECTED STATUS). ++VER (Z038) FMID (CNM4F00) PRE (RO96630 RO99412 SO00378 SO01737 SO04675 SO06572) SUP (ST15888) ++HOLD (SO15888) SYSTEM FMID(CNM4F00) REASON (RESTART) DATE (20344) COMMENT (+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 | +----------+----------+ |SEQUENCE | Before Accept | +----------+----------+ |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 * ********** Apply this fix and either recycle the CICS region, or use the GSVT (terminate) and GSVS (start) transactions to recycle SYSVIEW for CICS within the CICS region.).

Service	Details
SO15997	SO15997 M.C.S. ENTRIES = ++PTF (SO15997) JVM PROBLEMS WHEN MONITORED BY JVM DATA COLLECTOR AGENT PROBLEM DESCRIPTION: The SYSVIEW JVM Data Collector Agent encounters an error condition which may affect the JVM the Agent is monitoring. The error condition may result in the following problems: o The JVM in which the SYSVIEW JVM Data Collector Agent is monitoring may behave unpredictably, or hang. o The address space in which the JVM is running that is being monitored by the SYSVIEW JVM Data Collector Agent may behave unpredictably, or hang. For example, a CICS region can run one or more JVMs. Not only are the JVMs susceptible to a problem, but the entire address space susceptible if the application utilizes Pause Elements. Examples of applications that may be affected (not comprehensive): o JZOS Applications o CICS JVM Servers o Apache Tomcat Servers o z/OS Connect o The SYSVIEW JVM Data Collector Agent may hang. The cause of the problem is that the SYSVIEW JVM Data Collector Agent encountered return code 56 (x38) from the IBM z/OS Pause Element IEAVAPE service, which means the address space Pause Element limit has been reached. There is a limit of unauthorized Pause Elements allowed by an address space, which is 2040. After the limit has been reached no more unauthorized Pause Elements may be allocated. This will result in any future requests by the JVM, address space, or the SYSVIEW JVM Data Collector Agent to fail. Depending on the applications reliance on Pause Elements, varying and unpredictable problems may occur. SYMPTOMS: An address space with a JVM that is also running the SYSVIEW JVM Data Collector Agent may hang, abend, or experience unpredictable problems. IMPACT: Potential outage to JVM based applications or address spaces that contains JVMs. It is recommended to stop the SYSVIEW JVM Data Collector Agent until this fix is applied. To dynamically stop a SYSVIEW JVM Data Collector Agent without recycling a JVM, use the STOP line command on the JVMLIST command on each monitored JVM. To prevent a JVM Data Collector Agent from starting when a JVM is started, the -agentpath option of the JVM needs modified or removed. See the "Configure the JVM Data Collector Agent" page on the SYSVIEW Tech Docs Portal for more information. CIRCUMVENTION: None. It is recommended to stop the SYSVIEW JVM Data Collector Agent until this fix is applied. To dynamically stop a SYSVIEW JVM Data Collector Agent without recycling a JVM, use the STOP line command on the JVMLIST command on each monitored JVM. To prevent a JVM Data Collector Agent from starting when a JVM is started, the -agentpath option of the JVM needs modified or removed. See

Service	Details
	the "Configure the JVM Data Collector Agent" page on the SYSVIEW Tech Docs Portal for more information. PRODUCT(S) AFFECTED: CA SYSVIEW Release 15.0 CA SYSVIEW Release 16.0 Related Problem: SYSVW 2569 Copyright (C) 2020 CA. All rights reserved. R00163-NM4150-SP1 DESC(JVM PROBLEMS WHEN MONITORED BY JVM DATA COLLECTOR AGENT). ++VER (Z038) FMID (CNM4F00) PRE (RO96630 RO97598 RO99412 SO00378 SO01737 SO03940 SO04675 SO06572 SO07157 SO07779 SO08342 SO09873 SO10211 SO10379 SO12217 SO12623 SO12995 SO13057 SO13119) SUP (LC96757 SO03690 ST03690 ST15997) ++HOLD (SO15997) SYSTEM FMID(CNM4F00) REASON (RESTART) DATE (20352) COMMENT (+----------+----------+ | CA SYSVIEW PERFORMANCE MANAGEMENT Version 15.0 | +----------+----------+ |SEQUENCE | After Apply | +----------+----------+ |PURPOSE | To implement the fix | +----------+----------+ |USERS | All users of SYSVIEW | |AFFECTED | | +----------+----------+ |KNOWLEDGE | Product Administration | |REQUIRED | | +----------+----------+ |ACCESS | Product libraries | |REQUIRED | | +----------+----------+ ********** * STEPS TO PERFORM * ********** If you do not use the JVM component then this HOLD can be ignored. After applying this PTF, the JVM data collector agent run-time binaries will need to be deployed to your site's run-time environment, followed by a stop and start of your JVMs. Follow these steps to implement the change: 1. Deploy the agent run-time from the SMP/E managed directory "../cnm4f00/CNM4JVMD/" (DDDEF CNM4JVMD) to the run-time directory "../cnm4f00/runtime/". The deploy can be performed by running the sysviewhlq.SAMPJCL(INST0006) install job or the sysviewhlq.CNM4BSAM(GSVUJVMR) sample job. 2. Stop the JVMs configured to run the agent. Note that some address spaces such as CICS can have multiple JVMs. All JVMs in the address space must be stopped at the same time. 3. Start the JVMs configured to run the agent. Notes:

Service	Details
	1. This fix creates an incompatibility between the SYSVIEW STC and the JVM data collector agent. While it is safe not to upgrade the agent binaries immediately, an agent running back-level binaries will be unable to communicate with the SYSVIEW STC. This symptom can be identified on the JVMLIST command's MON column. Any JVM that shows MONX in the MON column is running a mismatched service level. It is recommended to keep the agent in sync with the SYSVIEW STC so the latest features and bug fixes are active in the agent. 2. The following SYSVIEW commands can be used to identify JVMs configured to run an agent that are currently running on a system: JVMARGS SYSTEM ; SELECT ARGUMENT CN -AGENTPATH Ensure all run-time directories are updated with the new binaries.). LINK('../libgsvoagt1.so') PARM(PATHMODE(0,7,7,5)) . LINK('../libgsvoagt4.so') PARM(PATHMODE(0,7,7,5)) . MCS SO15888 STARTS ON PAGE 0002 MCS SO15997 STARTS ON PAGE 0003

Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	15.00.00

The CA RS 2101 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2101	SO15997	CNM4F00
	SO15888	CNM4F00
CAR2012	SO15782	CNM4F00
	SO15744	CNM4F00
	SO15517	CNM4F00
CAR2011	SO15470	CNM4F00
	SO15326	CNM4F00
	SO15309	CNM4F00
	SO15285	CNM4F00
	SO15203	CNM4F00
CAR2010	SO15001	CNM4F00
	SO14928	CNM4F00
	SO14840	CNM4F00
CAR2009	SO14489	CNM4F00
	SO14422	CNM4F00
	SO14387	CNM4F00
	SO14331	CNM4F00
	SO13576	CNM4F00
	SO13391	CNM4F00
	SO13127	CNM4F00
CAR2008	SO14129	CNM4F00
	SO14078	CNM4F00
	SO13997	CNM4F00
	SO13993	CNM4F00
	SO13983	CNM4F00
	SO13897	CNM4F00
	SO13793	CNM4F00
	SO13351	CNM4F00
	SO13271	CNM4F00
	SO12176	CNM4F00
CAR2007	SO13525	CNM4F00
	SO13511	CNM4F00
	SO13410	CNM4F00
	SO12897	CNM4F00
	SO12753	CNM4F00
CAR2006	SO13241	CNM4F00
	SO13119	CNM4F00
	SO13057	CNM4F00
	SO13035	CNM4F00
	SO12996	CNM4F00
	SO12995	CNM4F00
	SO12801	CNM4F00
CAR2005	SO12796	CNM4F00
	SO12790	CNM4F00
	SO12701	CNM4F00
	SO12623	CNM4F00
	SO12606	CNM4F00

CA RS Level	Service	FMID
	SO12604	CNM4F00
	SO12317	CNM4F00
CAR2004	SO12500	CNM4F00
	SO12456	CNM4F00
	SO12393	CNM4F00
	SO12386	CNM4F00
	SO12258	CNM4F00
	SO12218	CNM4F00
	SO12217	CNM4F00
	SO12183	CNM4F00
	SO12113	CNM4F00
CAR2003	SO11948	CNM4F00
	SO11894	CNM4F00
	SO11885	CNM4F00
	SO11710	CNM4F00
	SO10379	CNM4F00
CAR2002	SO11829	CNM4F00
	SO11822	CNM4F00
	SO11802	CNM4F00
	SO11682	CNM4F00
	SO11610	CNM4F00
	SO11509	CNM4F00
	SO11379	CNM4F00
CAR2001	SO10925	CNM4F00
CAR1912	SO10999	CNM4F00
	SO10670	CNM4F00
	SO10666	CNM4F00
	SO10611	CNM4F00
	SO10560	CNM4F00
CAR1911	SO10629	CNM4F00
	SO10494	CNM4F00
	SO10452	CNM4F00
	SO10318	CNM4F00
	SO08373	CNM4F00
CAR1910	SO10237	CNM4F00
	SO10211	CNM4F00
	SO10134	CNM4F00
	SO09992	CNM4F00
	SO09984	CNM4F00
	SO09916	CNM4F00
	SO09873	CNM4F00
	SO09430	CNM4F00
CAR1909	SO09654	CNM4F00
	SO09649	CNM4F00
	SO09560	CNM4F00
	SO09472	CNM4F00
	SO09335	CNM4F00

CA RS Level	Service	FMID
	SO09092	CNM4F00
CAR1908	SO09308	CNM4F00
	SO09215	CNM4F00
CAR1907	SO08931	CNM4F00
	SO08657	CNM4F00
	SO08596	CNM4F00
	SO08543	CNM4F00
	SO08538	CNM4F00
	SO08342	CNM4F00
	SO08269	CNM4F00
	SO07426	CNM4F00
CAR1906	SO08571	CNM4F00
	SO08319	CNM4F00
	SO08304	CNM4F00
	SO08276	CNM4F00
	SO08195	CNM4F00
CAR1905	SO07946	CNM4F00
	SO07945	CNM4F00
	SO07932	CNM4F00
	SO07537	CNM4F00
CAR1904	SO07779	CNM4F00
	SO07714	CNM4F00
	SO07701	CNM4F00
	SO07692	CNM4F00
	SO07626	CNM4F00
CAR1903	SO07377	CNM4F00
	SO07245	CNM4F00
	SO07163	CNM4F00
	SO07157	CNM4F00
	SO07130	CNM4F00
CAR1902	SO07139	CNM4F00
	SO07038	CNM4F00
	SO06998	CNM4F00
	SO06970	CNM4F00
CAR1901	SO06572	CNM4F00
CAR1812	SO06149	CNM4F00
CAR1811	SO05678	CNM4F00
	SO05531	CNM4F00
CAR1810	SO05461	CNM4F00
	SO05324	CNM4F00
	SO05240	CNM4F00
CAR1808	SO04675	CNM4F00
	SO04297	CNM4F00
CAR1807	SO03940	CNM4F00
CAR1806	SO03690	CNM4F00
	SO01737	CNM4F00
CAR1805	SO01322	CNM4F00

CA RS Level	Service	FMID
	SO01216	CNM4F00
CAR1804	SO01093	CNM4F00
CAR1803	SO00378	CNM4F00
CAR1802	RO99504	CNM4F00
CAR1801	RO99735	CNM4F00
	RO99412	CNM4F00
CAR1711	RO98752	CNM4F00
CAR1709	RO97598	CNM4F00
	RO97445	CNM4F00
CAR1707	RO96762	CNM4F00
	RO96738	CNM4F00
	RO96630	CNM4F00