

CA SYSVIEW Performance Management 16.0
CA RS 2012 Service List

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Service	Description	Type
S015374	SYSVUSER SERVER TASK STORAGE LEAK / HIGH CPU	*HIP/PRP*
S015433	NEW IBM DEBUG FOR Z/OS INTEGRATION WITH CICS	PTF
S015518	WLM & ALERTSUM DISPLAYS MISSING HISTORY INFORMATION	PTF
S015546	COMPATIBILITY SUPPORT FOR IBM MQ 9.2.0	PTF
S015746	ABEND SOF8-04 GSVXRMFI ISSUING ACTIVITY COMMAND	PTF
S015783	SENDMAIL HTML FORMATTING INCORRECT	PTF
The CA RS 2012 service count for this release is 6		

CA SYSVIEW Performance Management
CA RS 2012 Service List for CNM4G00

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FMID	Service	Description	Type
CNM4G00	S015374	SYSVUSER SERVER TASK STORAGE LEAK / HIGH CPU	*HIP/PRP*
	S015433	NEW IBM DEBUG FOR Z/OS INTEGRATION WITH CICS	PTF
	S015518	WLM & ALERTSUM DISPLAYS MISSING HISTORY INFORMATION	PTF
	S015546	COMPATIBILITY SUPPORT FOR IBM MQ 9.2.0	PTF
	S015746	ABEND S0F8-04 GSVXRMFI ISSUING ACTIVITY COMMAND	PTF
	S015783	SENDMAIL HTML FORMATTING INCORRECT	PTF
The CA RS 2012 service count for this FMID is 6			

Service	Details
SO15374	SO15374 M.C.S. ENTRIES = ++PTF (SO15374) SYSVUSER SERVER TASK STORAGE LEAK / HIGH CPU PROBLEM DESCRIPTION: The SERVER tasks in the SYSVUSER address space leak memory each time they service a request. The SERVER tasks are utilized by the eXternal Data Interface (XDI) which in turn is used by the SYSVIEW Rest API introduced with Feature PTF SO14533. This problem will occur only after SO14533 is applied and SYSVIEW Rest API requests are being sent to the server tasks in the SYSVUSER address space. After each request, two allocations of key 8 subpool 0 E-PVT storage are orphaned totaling x4C0 (1216) bytes. By default, each SERVER task is permitted a maximum of 256M of E-PVT storage. It would require approximately 220000 requests to reach the storage limit, at which point Rest API requests may begin to fail. It is possible that the SYSVUSER address space E-PVT storage becomes exhausted as a result of the storage leak. If this occurs, system storage abends, S878 for example, may occur and the SYSVUSER address space abnormally terminates. High CPU from the SERVER tasks in the SYSVUSER address space may be observed from this problem. The allocations of orphaned storage are added to a storage chain that is validated several times during each request. As the storage chain becomes longer, it becomes more CPU intensive to validate to the extent that a request may take several times more CPU than it should. SYMPTOMS: After the SYSVUSER address space processed several Rest API requests, the following may be observed: - o SYSVIEW Rest API requests failing or not returning data - o SYSVUSER high E-PVT storage usage - o SYSVUSER storage related abends such as S878 - o SYSVUSER abnormal termination - o SYSVUSER high CPU IMPACT: Unable to retrieve SYSVIEW Rest API data. Unstable SYSVUSER address space. CIRCUMVENTION: Review the SRVRSTAT command. If any one SERVER task has more than 200000 requests, then recycle the SYSVUSER address space to free the orphaned storage. PRODUCT(S) AFFECTED: CA SYSVIEW Release 16.0 Related Problem: SYSVW 2564 Copyright (C) 2020 CA. All rights reserved. R00154-NM4160-SP0 DESC(SYSVUSER SERVER TASK STORAGE LEAK / HIGH CPU). ++VER (Z038) FMID (CNM4G00) SUP (FC08481 ST15374)

Service	Details
SO15433	SO15433 M.C.S. ENTRIES = ++PTF (SO15433) NEW IBM DEBUG FOR Z/OS INTEGRATION WITH CICS ENHANCEMENT DESCRIPTION: This feature adds support for 'IBM Debug for z/OS' in a CICS environment. A new configuration option has been added to the SVWCOPTS PARMLIB member to determine if active CICS transactions are to be monitored for the presence of 'IBM Debug for z/OS' (aka 'IBM Debug for z Systems', 'IBM z/OS Debugger', or 'IBM Debug Tool'). Option : APPLICATION-DEBUGGER-IBM-DEBUG Default : No Valid values: No - Do not detect and determine if the application debugger is active. Yes - Detect and determine if the application debugger is active. This option can also be modified dynamically using the CCONFIG or CICSSET commands. When the option is enabled and the presence of 'IBM Debug for z/OS' is detected, threshold processing for CICS transactions will be determined by the setting of the following two (existing) options: Option : THRESHOLD-TASK-DYNAMIC-APP-DEBUG Default : No Valid values: No - Do not process exception definitions for a transaction while an application debugger is active. Yes - Process exception definitions for a transaction while an application debugger is active. Option : THRESHOLD-TASK-DYNAMIC-APP-DEBUG-CANCEL Default : No Valid values: No - Do not cancel a transaction while an application debugger is active. Yes - A transaction can be canceled while an application debugger is active if an exception definition requests cancellation. PRODUCT(S) AFFECTED: CA SYSVIEW PERFORMANCE MANAGEMENT Release 16.0 Related Problem: SYSVW 2566 Copyright (C) 2020 CA. All rights reserved. R00155-NM4160-SP0 DESC(NEW IBM DEBUG FOR Z/OS INTEGRATION WITH CICS). ++VER (Z038) FMID (CNM4G00) PRE (S011875 S012200 S013538 S014361 S014533) SUP (ST15433) ++HOLD (SO15433) SYSTEM FMID(CNM4G00) REASON (ENH) DATE (20310) COMMENT (+-----+ CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 +-----+

Service	Details
	<pre> SEQUENCE After Apply +-----+-----+ PURPOSE Describe the new features +-----+-----+ USERS AFFECTED All users of SYSVIEW +-----+-----+ KNOWLEDGE REQUIRED Product administration +-----+-----+ ACCESS REQUIRED Product libraries +-----+-----+ ***** * STEPS TO PERFORM * ***** ENHANCEMENT DESCRIPTION: This feature adds support for 'IBM Debug for z/OS' in a CICS environment. A new configuration option has been added to the SVWCOPTS PARMLIB member to determine if active CICS transactions are to be monitored for the presence of 'IBM Debug for z/OS' (aka 'IBM Debug for z Systems', 'IBM z/OS Debugger', or 'IBM Debug Tool'). Option : APPLICATION-DEBUGGER-IBM-DEBUG Default : No Valid values: No - Do not detect and determine if the application debugger is active. Yes - Detect and determine if the application debugger is active. This option can also be modified dynamically using the CCONFIG or CICSSET commands. When the option is enabled and the presence of 'IBM Debug for z/OS' is detected, threshold processing for CICS transactions will be determined by the setting of the following two (existing) options: Option : THRESHOLD-TASK-DYNAMIC-APP-DEBUG Default : No Valid values: No - Do not process exception definitions for a transaction while an application debugger is active. Yes - Process exception definitions for a transaction while an application debugger is active. Option : THRESHOLD-TASK-DYNAMIC-APP-DEBUG-CANCEL Default : No Valid values: No - Do not cancel a transaction while an application debugger is active. Yes - A transaction can be canceled while an application debugger is active if an exception definition requests cancellation.).</pre>

Service	Details				
SO15518	SO15518 M.C.S. ENTRIES = ++PTF (SO15518) WLM & ALERTSUM DISPLAYS MISSING HISTORY INFORMATION PROBLEM DESCRIPTION: If the SYSVIEW SCHEDULR subtask is stopped and restarted, or a system time change is performed without taking SYSVIEW down, some data collection in the area of WLM and alert summarization stops occurring. SYMPTOMS: 1. On the ALERTSUM command display, the historical graph of the Status value over the past 60 minutes will not be populated. 2. WLM-related displays like WMACT, WMRESP, WMSYSSUM, etc., which are capable of showing data over the past 60 minutes, will always display total values since initialization as if INTERVAL 0 had been specified. If the system time was changed while SYSVIEW was executing, such as for Daylight Savings Time, you may also see this message in the SYSVIEW joblog that is indicative of the above symptoms: GSV2338I (SCHEDULR) Time zone change detected, schedule events will be rebuilt IMPACT: Historical data is not maintained for ALERTSUM and WLM displays. CIRCUMVENTION: If the problem occurs it can be cleared by recycling the SYSVIEW STC. PRODUCT(S) AFFECTED: <table> <tr> <td>CA SYSVIEW</td><td>Release 15.0</td></tr> <tr> <td>CA SYSVIEW</td><td>Release 16.0</td></tr> </table> Related Problem: SYSVW 2568 Copyright (C) 2020 CA. All rights reserved. R00157-NM4160-SP0 DESC(WLM & ALERTSUM DISPLAYS MISSING HISTORY INFORMATION). ++VER (Z038) FMID (CNM4G00) PRE (SO09059 SO10098 SO11875 SO12629 SO13538 SO13989 SO14533) SUP (SO10206 ST10206 ST15518)	CA SYSVIEW	Release 15.0	CA SYSVIEW	Release 16.0
CA SYSVIEW	Release 15.0				
CA SYSVIEW	Release 16.0				

Service	Details
SO15546	SO15546 M.C.S. ENTRIES = ++PTF (SO15546) COMPATIBILITY SUPPORT FOR IBM MQ 9.2.0 ENHANCEMENT DESCRIPTION: This fix provides compatibility support for IBM MQ for z/OS 9.2.0. SYMPTOMS: This fix provides basic compatibility support for IBM MQ for z/OS 9.2.0. IMPACT: Unable to use SYSVIEW to monitor MQ for z/OS 9.2.0. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Release 16.0 Related Problem: SYSVW 2557 Copyright (C) 2020 CA. All rights reserved. R00158-NM4160-SP0 DESC (COMPATIBILITY SUPPORT FOR IBM MQ 9.2.0) . ++VER (Z038) FMID (CNM4G00) PRE (S009059 S009589 S009844 S010197 S010316 S011028 S011122 S011361 S011875 S012050 S012880 S013116 S013240 S014533) SUP (S008674 S012474 ST08674 ST12474 ST15546) ++HOLD (SO15546) SYSTEM FMID(CNM4G00) REASON (ENH) DATE (20314) COMMENT (<pre> +-----+ CA SYSVIEW PERFORMANCE MANAGEMENT Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Addition of support for IBM MQ for z/OS 9.2.0 +-----+-----+ USERS All users of SYSVIEW for MQ AFFECTED +-----+-----+ KNOWLEDGE Product administration REQUIRED +-----+-----+ ACCESS Product libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This fix provides basic compatibility support for IBM MQ for z/OS 9.2.0.) </pre>

Service	Details
SO15746	SO15746 M.C.S. ENTRIES = ++PTF (SO15746) ABEND S0F8-04 GSVXRMFI ISSUING ACTIVITY COMMAND PROBLEM DESCRIPTION: Under certain circumstances the ACTIVITY command may issue a BLDL macro. If the ACTIVITY command is executing in zIIP mode this will result in abend S0F8-04 in the GSVXRMFI module. The problem can only occur if the following option is specified in the OPTIONS parmlib member, and there are zIIP processors available on the system: zIIPEnable Yes (this is the default value) SYMPTOMS: In the reported case the ACTIVITY command was issued in the middle of a WLM policy update and abended with messages similar to the following: GSVX451E Abend S0F8-04 in ACTIVITY command GSVX452I SYSVIEW SRB in control at entry to abend GSVX453I Diagnostics for SRB in control at entry to abend GSVX457I Psw 078C2000 CC330442 Ilc 2 Intc 12 GSVX477I Key 8 State SUP Am 31 Asc PRI GSVX458I Module GSVXNUC Addr 4BF76000 Offset 003BA442 GSVX458I NucMod GSVXRMFI Addr 4C3301E8 Offset 0000025A GSVX450I FixLvl S006572 GSVX473I Routne MAIN Addr 4C3301E8 Offset 0000025A GSVX459I Data at PSW addr 4C33043C GSVX460I 00001FFF 0A12183F E3F0B168 GSVX455I General registers at entry to abend GSVX467I R0-R1 00000000_0009F060 00000000_00000000 GSVX467I R2-R3 00000000_01CECB00 00000000_00000000 GSVX467I R4-R5 00000000_0009F060 00000000_4A3B83E2 GSVX467I R6-R7 00000000_00FD5E00 00000000_4A587088 GSVX467I R8-R9 00000000_4A5DA088 00000000_00000000 GSVX467I R10-R11 00000000_4A3B8970 00000000_483E6000 GSVX467I R12-R13 00000000_4C3301E8 00000000_4A3B0D50 GSVX467I R14-R15 00000000_CC33041E 00000000_00000000 GSVX475I Access registers at entry to abend GSVX461I AR0-AR3 00874488 00000000 00000000 00000000 GSVX461I AR4-AR7 00000000 00000000 00000000 00000000 GSVX461I AR8-AR11 00000000 00000000 00000000 00000000 GSVX461I AR12-AR15 00000000 00000000 00000000 00000000 GSVX454I Diagnostics for SYSVIEW TCB/RB at last interrupt GSVX457I Psw 070C0000 81721F06 Ilc 2 Intc 2F GSVX477I Key 0 State SUP Am 31 Asc PRI GSVX458I Module IEAVEPS1 Addr 01720488 Offset 00001A7E GSVX456I General registers at time of interrupt GSVX467I R0-R1 00000000_04000000 00000000_48440218 GSVX467I R2-R3 00000000_0000C983 00000000_034B9BA0 GSVX467I R4-R5 00000000_00000000 00000000_00000000 GSVX467I R6-R7 00000000_00000000 00000000_4BA312D0 GSVX467I R8-R9 00000000_483E8000 00000000_CAE76194 GSVX467I R10-R11 00000000_4C264560 00000000_483E6000 GSVX467I R12-R13 00000000_4C25FCA8 00000000_7F042F00 GSVX467I R14-R15 00000000_016F5406 00000000_00000000 GSVX476I Access registers at time of interrupt

Service	Details
GSVX461I	AR0-AR3 00000000 00000000 00000000 00000000
GSVX461I	AR4-AR7 00000000 00000000 00000000 00000000
GSVX461I	AR8-AR11 00000000 00000000 00000000 00000000
GSVX461I	AR12-AR15 00000000 00000000 00000000 00000000
GSVX462I	End of symptom dump
IMPACT:	
An SVC dump is taken and the user session terminates.	
CIRCUMVENTION:	
Temporarily specify the following in the CMDATTR parmlib member:	
CommandAttribute	ACTIVITY:NOZIIP
PRODUCT(S) AFFECTED:	
CA SYSVIEW	Release 15.0
CA SYSVIEW	Release 16.0
Related Problem:	
SYSVW	2571
Copyright (C) 2020 CA. All rights reserved. R00159-NM4160-SP0	
DESC(ABEND S0F8-04 GSVXRMFI ISSUING ACTIVITY COMMAND).	
++VER (Z038)	
FMID (CNM4G00)	
SUP (ST15746)	

Service	Details	
SO15783	SO15783 M.C.S. ENTRIES = ++PTF (SO15783)	
	SENDMAIL HTML FORMATTING INCORRECT	
	PROBLEM DESCRIPTION:	
	When using SENDMAIL to send an email as HTML the resulting email may sometimes show some formatting issues. This occurs because HTML ignores whitespace, so the email is written as one long line of HTML. However, the SMTP protocol limits lines to 1000 characters. Therefore, newlines automatically get added, which can occur in the middle of a word or HTML tag.	
	If the TAGS option is specified, a tag and newline character is added to each line of the body of the email, so the issue is not present there. However, the email footer could still be incorrect.	
	SYMPTOMS:	
	Formatting issues in emails sent from SENDMAIL.	
	IMPACT:	
	Emails might not look correct.	
	CIRCUMVENTION:	
	Email body - use the TAGS option, which is the default.	
	Email footer - none.	
	PRODUCT(S) AFFECTED:	
	CA SYSVIEW	Release 15.0
	CA SYSVIEW	Release 16.0
	Related Problem:	
	SYSVW 2570	
	Copyright (C) 2020 CA. All rights reserved. R00160-NM4160-SP0	
	DESC (SENDMAIL HTML FORMATTING INCORRECT).	
	++VER (Z038)	
	FMID (CNM4G00)	
	PRE (SO15274)	
	SUP (ST15783)	
	MCS SO15374	STARTS ON PAGE 0002
	MCS SO15433	STARTS ON PAGE 0003
	MCS SO15518	STARTS ON PAGE 0005
	MCS SO15546	STARTS ON PAGE 0007
	MCS SO15746	STARTS ON PAGE 0009
	MCS SO15783	STARTS ON PAGE 0011

CA SYSVIEW Performance Management 16.0
CA RS 2012 Product/Component Listing

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Product Family	Product	Release
Systems Management	CA SYSVIEW PERFORMANCE MANAGEMENT	16.00.00
The CA RS 2012 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	S015081	CNM4G00
	S015053	CNM4G00
	S014964	CNM4G00
CAR2010	S014985	CNM4G00
	S014921	CNM4G00
	S014894	CNM4G00
	S014768	CNM4G00
	S014761	CNM4G00
	S014746	CNM4G00
	S014740	CNM4G00
	S014696	CNM4G00
CAR2009	S014661	CNM4G00
	S014653	CNM4G00
	S014533	CNM4G00
	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
	S013984	CNM4G00
	S013927	CNM4G00
	S013792	CNM4G00
	S013701	CNM4G00
	S013485	CNM4G00
	S013350	CNM4G00
	S013268	CNM4G00
CAR2007	S013782	CNM4G00

CA RS Level	Service	FMID
	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
	S012454	CNM4G00
	S012406	CNM4G00
	S012401	CNM4G00
	S012381	CNM4G00
	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
	S011865	CNM4G00
	S011762	CNM4G00
	S010411	CNM4G00
CAR2002	S011830	CNM4G00
	S011821	CNM4G00

CA RS Level	Service	FMID
	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
	S010588	CNM4G00
	S010541	CNM4G00
CAR1911	S010537	CNM4G00
	S010497	CNM4G00
	S010493	CNM4G00
	S010484	CNM4G00
	S010421	CNM4G00
	S010382	CNM4G00
	S010332	CNM4G00
	S010326	CNM4G00
	S010316	CNM4G00
	S010269	CNM4G00
	S010214	CNM4G00
	S010209	CNM4G00
CAR1910	S010206	CNM4G00
	S010197	CNM4G00
	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
	S009281	CNM4G00
	S009059	CNM4G00
	S009013	CNM4G00
	S008793	CNM4G00
CAR1907	S008895	CNM4G00
	S008743	CNM4G00

CA RS Level	Service	FMID
	S008740	CNM4G00
	S008698	CNM4G00
	S008681	CNM4G00
	S008674	CNM4G00
	S008553	CNM4G00
	S008544	CNM4G00
	S008502	CNM4G00
	S008485	CNM4G00
	S008459	CNM4G00
	S008228	CNM4G00