# CA SYSVIEW Performance Management 15.0
## CA RS 2006 Service List

| Service | Description | Type |
|---|---|---|
| SO12801 | ABEND S0C4 DURING IMS REGION SHUTDOWN | PTF |
| SO12995 | E-CSA OVERLAY AFTER DYNAMIC CPU ADD | *HIP/PRP* |
| SO12996 | ABEND S113-44 AT STARTUP WHEN LOADLIB ON EAV | PTF |
| SO13035 | PLOG001W ISSUING PLOTLOG PLOT LINE COMMAND | ** PRP ** |
| SO13057 | JVM AGENT FAILS TO START FOR JVM VERSION 1.7 | ** PRP ** |
| SO13119 | GSVX176E S0C4 ISSUING COMMANDS ON MQ 9.1.5 | PTF |
| SO13241 | COMPATIBILITY SUPPORT FOR IMS 15.2.0 | PTF |
| The CA RS 2006 service count for this release is 7 | | |

| FMID | Service | Description | Type |
|---|---|---|---|
| CNM4F00 | SO12801 | ABEND S0C4 DURING IMS REGION SHUTDOWN | PTF |
| | SO12995 | E-CSA OVERLAY AFTER DYNAMIC CPU ADD | *HIP/PRP* |
| | SO12996 | ABEND S113-44 AT STARTUP WHEN LOADLIB ON EAV | PTF |
| | SO13035 | PLOG001W ISSUING PLOTLOG PLOT LINE COMMAND | ** PRP ** |
| | SO13057 | JVM AGENT FAILS TO START FOR JVM VERSION 1.7 | ** PRP ** |
| | SO13119 | GSVX176E S0C4 ISSUING COMMANDS ON MQ 9.1.5 | PTF |
| | SO13241 | COMPATIBILITY SUPPORT FOR IMS 15.2.0 | PTF |
| The CA RS 2006 service count for this FMID is 7 | | | |

| Service | Details |
|---|---|
| SO12801 | SO12801  M.C.S. ENTRIES  = ++PTF (SO12801)<br><br>ABEND S0C4 DURING IMS REGION SHUTDOWN<br>PROBLEM DESCRIPTION:<br>During the shutdown of a monitored IMS control region, an S0C4-10 is<br>encountered when the IMS Logical Logger data area has been freed.<br>SYSVIEW attempts to write a trace entry during shutdown of the region,<br>however, while preparing the trace entry, SYSVIEW tries to obtain<br>the regions subsystem ID from the LLGR block which no longer exists.<br>SYMPTOMS:<br>S0C4-10 in IMS control region during shutdown. The following may be<br>seen in the IMS joblog:<br>IEA995I SYMPTOM DUMP OUTPUT  700<br>SYSTEM COMPLETION CODE=0C4  REASON CODE=00000011<br>TIME=04.00.02  SEQ=00216  CPU=0000  ASID=014D<br>PSW AT TIME OF ERROR  070C1000  90F8F736  ILC 6  INTC 11<br>NO ACTIVE MODULE FOUND<br>NAME=UNKNOWN<br>DATA AT PSW  10F8F730 - D2071010  901CD207  101882D0<br>GR 0: 00000313_00000020  1: 0010014D_10F8E338<br>2: 00000000_00000080  3: 00000000_1B87B400<br>4: 00000000_10F64CC0  5: 00000000_7F5D9DA8<br>6: 00000000_1190B0B0  7: 00000000_00FB3300<br>8: 00000000_134FC100  9: 00000000_009FC02C<br>A: 00000000_15A00420  B: 00000000_009FC00C<br>C: 00000000_10F8F2A0  D: 00000000_009FC06C<br>E: 00000000_90F8F728  F: 00000000_00000000<br>END OF SYMPTOM DUMP<br>IMPACT:<br>Dump is generated during control region shutdown.  Region<br>continues to shutdown normally.<br>CIRCUMVENTION:<br>None.<br>PRODUCT(S) AFFECTED:<br>CA SYSVIEW  Release 15.0<br>CA SYSVIEW  Release 16.0<br>Related Problem:<br>SYSVW  2503<br>Copyright (C) 2020 CA. All rights reserved. R00121-NM4150-SP1<br><br>DESC(ABEND S0C4 DURING IMS REGION SHUTDOWN).<br>++VER (Z038)<br>FMID (CNM4F00)<br>SUP ( ST12801 ) |

| Service | Details |
|---|---|
| SO12995 | SO12995  M.C.S. ENTRIES  = ++PTF (SO12995)<br><br>E-CSA OVERLAY AFTER DYNAMIC CPU ADD<br>PROBLEM DESCRIPTION:<br>SYSVIEW monitors and displays processor usage on an LPAR.  If an<br>attempt is made to dynamically add more processors to an LPAR than<br>is allowed by z/OS, it could result in SYSVIEW overlaying storage in<br>E-CSA Subpool 228 Key 0.<br>This problem can only occur if Simultaneous Multithreading (SMT)<br>is in use, where there are multiple threads per core.<br>SYMPTOMS:<br>In the reported case a customer used the HMC to dynamically add more<br>processors to an LPAR than what was allowed by the DYNCPADD keyword<br>in SYS1.PARMLIB(LOADxx).  The additional processors beyond the DYNCPADD<br>limit (default is 16) did not get added and the following messages<br>were issued:<br>ISN013I CORE 54 CANNOT BE ADDED. SYSTEM LIMITED TO CORE ID 53 DUE TO<br>LOADXX DYNCPADD<br>ISN013I CORE 55 CANNOT BE ADDED. SYSTEM LIMITED TO CORE ID 53 DUE TO<br>LOADXX DYNCPADD<br>ISN013I CORE 56 CANNOT BE ADDED. SYSTEM LIMITED TO CORE ID 53 DUE TO<br>LOADXX DYNCPADD<br>During SYSVIEW collection of processor details this resulted in<br>several 5-byte overlays in E-CSA Subpool 228 Key 0 storage.  The<br>following overlay values were seen, where the first byte corresponds<br>to the Core ID in the above ISN013I messages:<br>x'54000500E1'<br>x'55000500E1'<br>x'56000500E1'<br>In many cases the overlay instances are paired, with the same value<br>being repeated x'300' bytes apart.  The overlays always begin at<br>storage locations xxxxxx1C.<br>In rare instances the overlays were also seen in E-CSA allocated by<br>SYSVIEW, with eyecatchers of 'PIBH' and 'PIBE'.<br>IMPACT:<br>Abends or other unpredictable results due to E-CSA storage overlay,<br>possibly leading to an IPL.<br>CIRCUMVENTION:<br>Do not attempt to dynamically add more CPUs during the life of an<br>IPL than allowed for by the DYNCPADD keyword in SYS1.PARMLIB(LOADxx).<br>PRODUCT(S) AFFECTED:<br>CA SYSVIEW  Release 14.2<br>CA SYSVIEW  Release 15.0<br>CA SYSVIEW  Release 16.0<br>Related Problem:<br>SYSVW  2506<br>Copyright (C) 2020 CA. All rights reserved. R00123-NM4150-SP1<br><br>DESC(E-CSA OVERLAY AFTER DYNAMIC CPU ADD).<br>++VER (Z038)<br>FMID (CNM4F00)<br>PRE ( RO96630 RO97598 RO99412 SO00378 SO01737 SO03940<br>SO04675 SO06572 SO08596 SO10211 SO10611  )<br>SUP ( IC96757 SO03690 SO07932 ST03690 ST07932 ST12995 ) |

| Service | Details |
|---|---|
| SO12996 | SO12996  M.C.S. ENTRIES  = ++PTF (SO12996)<br><br>ABEND S113-44 AT STARTUP WHEN LOADLIB ON EAV<br>PROBLEM DESCRIPTION:<br>Abend S113-44 occurs during SYSVIEW Main Services address space<br>initializatin when the SYSVIEW loadlib is allocated in the Extended<br>Addressible Space (EAS) of an Extended Address Volume (EAV), beyond<br>cylinder 65,520.<br>SYMPTOMS:<br>The following abend occurs near the beginning of SYSVIEW main<br>address space initialization:<br>IEC142I 113-44,IFG0194D,SYSVIEW,SYSVIEW,SYS00001,dev#,ser#,<br>SYSVIEW.CNM4BLOD<br>ERROR DESCRIPTION: IEC142I<br>An attempt was made to open an EAS eligible data set on a volume with<br>more than 65,520 cylinders but the DCBE flag, DCBEEADSCBOK, indicating<br>that the caller understands extended attribute (Format 8/9) DSCBs was<br>not set.<br>END ERROR DESCRIPTION: IEC142I<br>GSVX451I (MAIN) Abend S113-44 in Address space controller<br>GSVX452I (MAIN) SYSVIEW TCB/RB not in control at entry to abend<br>GSVX453I (MAIN) Diagnostics for TCB/RB in control at entry to abend<br>GSVX457I (MAIN) Psw 075C1000 80E75598 Ilc 2 Intc 0D<br>GSVX477I (MAIN) Key 5 State SUP Am 31 Asc PRI<br>GSVX458I (MAIN) Module IGC0001I Addr 00E60000 Offset 00015598<br>GSVX459I (MAIN) Data at PSW addr 00E75592<br>GSVX460I (MAIN) 4100302C 0A0D010D A7E5014B<br>GSVX455I (MAIN) General registers at entry to abend<br>GSVX467I (MAIN)  R0-R1  00000000_00E758A0 00000000_A4113000<br>GSVX467I (MAIN)  R2-R3  00000000_0000948C 00000000_00E75874<br>GSVX467I (MAIN)  R4-R5  00000000_00AD5410 00000000_00AD57A4<br>GSVX467I (MAIN)  R6-R7  00000000_00AD574C 00000000_00AD57A4<br>GSVX467I (MAIN)  R8-R9  00000000_00AD576C 00000000_00AD4EC0<br>GSVX467I (MAIN)  R10-R11  00000000_80E77B5A 00000000_7F554CE8<br>GSVX467I (MAIN)  R12-R13  00000000_80E78976 00000000_7F554CE8<br>GSVX467I (MAIN)  R14-R15  00000000_80E74DF6 00000000_00000044<br>GSVX475I (MAIN) Access registers at entry to abend<br>GSVX461I (MAIN)  AR0-AR3  00AF8588 00000000 00000000 00000000<br>GSVX461I (MAIN)  AR4-AR7  00000000 00000000 00000000 00000000<br>GSVX461I (MAIN)  AR8-AR11 00000000 00000000 00000000 00000000<br>GSVX461I (MAIN) AR12-AR15 00000000 00000000 00000000 00000000<br>GSVX454I (MAIN) Diagnostics for SYSVIEW TCB/RB at last interrupt<br>GSVX457I (MAIN) Psw 078C1000 94A3ECBE Ilc 2 Intc 13<br>GSVX477I (MAIN) Key 8 State SUP Am 31 Asc PRI<br>GSVX458I (MAIN) Module GSVXNUC  Addr 14515000 Offset 00529CBE<br>GSVX458I (MAIN) NucMod GSVXNUC0 Addr 14515000 Offset 00529CBE<br>GSVX450I (MAIN) FixLvl SO10211<br>GSVX473I (MAIN) Routne OPEN$$  Addr 14A3EA10 Offset 000002AE<br>GSVX456I (MAIN) General registers at time of interrupt<br>GSVX467I (MAIN)  R0-R1  00000000_0000948C 00000000_000092C8<br>GSVX467I (MAIN)  R2-R3  00000000_14511A18 00000000_14511A18<br>GSVX467I (MAIN)  R4-R5  00000000_02A4F100 00000000_00AF8588<br>GSVX467I (MAIN)  R6-R7  00000000_00AF8588 00000000_14513000<br>GSVX467I (MAIN)  R8-R9  00000000_14512100 00000000_00009060 |

| Service | Details |
|---|---|
| | GSVX467I (MAIN)  R10-R11  00000000_14A41088 00000000_14511000 |
| | GSVX467I (MAIN)  R12-R13  00000000_14A3EA10 00000000_14E27130 |
| | GSVX467I (MAIN)  R14-R15  00000000_94A3EC92 00000000_00000000 |
| | GSVX476I (MAIN) Access registers at time of interrupt |
| | GSVX461I (MAIN)  AR0-AR3  00000000 00000000 00000000 00000000 |
| | GSVX461I (MAIN)  AR4-AR7  00000000 00000000 00000000 00000000 |
| | GSVX461I (MAIN)  AR8-AR11 00000000 00000000 00000000 00000000 |
| | GSVX461I (MAIN) AR12-AR15 00000000 00000000 00000000 00000000 |
| | GSVX462I (MAIN) End of symptom dump |
| | GSVX950I (MAIN) SVCDUMP requested |
| | GSVX458I (MAIN) Module GSVXNUC  Addr 14515000 Offset 00529CBE |
| | GSVX458I (MAIN) NucMod GSVXNUC0 Addr 14515000 Offset 00529CBE |
| | GSVX450I (MAIN) FixLvl SO10211 |
| | GSVX473I (MAIN) Routne OPEN$$   Addr 14A3EA10 Offset 000002AE |
| | GSVX954I (MAIN) Issuing SDUMPX to capture SVC dump |
| | IEA794I SVC DUMP HAS CAPTURED:  196 |
| | DUMPID=002 REQUESTED BY JOB (SYSVIEW ) |
| | DUMP TITLE=CA SYSVIEW 15.0 0980 - Job SYSVIEW Asid 00EA Abend S |
| | 113-44 Mod GSVXNUC0 Rtn OPEN$$ |
| | GSVX959I (MAIN) SDUMPX complete, SVC dump captured |
| | GSVX829I (MAIN) GSVXINSR ended, rc 0C |
| | GSVX205E (MAIN) Nucleus load failed, reason 4 dynamic install service failed |
| | GSVX572E (MAIN) MAIN task initialization failed |
| | IMPACT: |
| | SYSVIEW is unable to start. Main address space initialization |
| | never completes. |
| | CIRCUMVENTION: |
| | Move the SYSVIEW loadlib to a non-Extended Address Volume. |
| | PRODUCT(S) AFFECTED: |
| | CA SYSVIEW  Release 16.0 |
| | CA SYSVIEW  Release 15.0 |
| | Related Problem: |
| | SYSVW  2507 |
| | Copyright (C) 2020 CA. All rights reserved. R00124-NM4150-SP1 |
| | |
| | DESC(ABEND S113-44 AT STARTUP WHEN LOADLIB ON EAV). |
| | ++VER (Z038) |
| | FMID (CNM4F00) |
| | PRE ( SO06572 ) |
| | SUP ( ST12996 ) |

| Service | Details |
|---|---|
| SO13035 | SO13035  M.C.S. ENTRIES  = ++PTF (SO13035)<br><br>PLOG001W ISSUING PLOTLOG PLOT LINE COMMAND<br>PROBLEM DESCRIPTION:<br>The PLOT line command on the PLOTLOG command display does not<br>work if the following PTF is applied:<br>SYSVIEW 14.2 PTF SO11611<br>SYSVIEW 15.0 PTF SO11610<br>SYSVIEW 16.0 PTF SO11553<br>SYMPTOMS:<br>Issuing the PLOT line command from the PLOTLOG command display results<br>in the following message:<br>PLOG001W Requested data is not available<br>IMPACT:<br>PLOTLOG data collection entries may not be plotted using the PLOT<br>line command.<br>CIRCUMVENTION:<br>None.<br>PRODUCT(S) AFFECTED:<br>CA SYSVIEW  Release 14.2<br>CA SYSVIEW  Release 15.0<br>CA SYSVIEW  Release 16.0<br>Related Problem:<br>SYSVW  2508<br>Copyright (C) 2020 CA. All rights reserved. R00125-NM4150-SP1<br><br>DESC(PLOG001W ISSUING PLOTLOG PLOT LINE COMMAND).<br>++VER (Z038)<br>FMID (CNM4F00)<br>PRE ( RO99412 SO06572 SO11610 )<br>SUP ( AS11610 ST13035 ) |

| Service | Details |
|---|---|
| SO13057 | SO13057  M.C.S. ENTRIES  = ++PTF (SO13057)<br><br>JVM AGENT FAILS TO START FOR JVM VERSION 1.7<br>PROBLEM DESCRIPTION:<br>Changes made to the IBM JDK (Java Developers Kit) introduced a compatability<br>issue with SYSVIEW's monitoring of Java 7.<br>When changes were made in SYSVIEW PTF's SO12217 (15.0) and SO12347 (16.0)<br>the IBM maintenance was unknowingly included in during recompile.<br>SYMPTOMS:<br>When a JVM is started and is supposed to be monitored by SYSVIEW, the<br>JVM agent will not be started as shown on the JVMLIST display.<br>IMPACT:<br>JVM's started with Java V7 will not be monitored.<br>CIRCUMVENTION:<br>None.<br>PRODUCT(S) AFFECTED:<br>CA SYSVIEW  Release 15.0<br>CA SYSVIEW  Release 16.0<br>Related Problem:<br>SYSVW  2509<br>Copyright (C) 2020 CA. All rights reserved. R00126-NM4150-SP1<br><br>DESC(JVM AGENT FAILS TO START FOR JVM VERSION 1.7).<br>++VER (Z038)<br>FMID (CNM4F00)<br>PRE ( SO06572 SO10379 )<br>SUP ( AS12217 SO12217 ST12217 ST13057 )<br>++HOLD (SO13057) SYSTEM FMID(CNM4F00)<br>REASON (RESTART)  DATE (20136)<br>COMMENT (<br>+----------+<br>\|  CA SYSVIEW PERFORMANCE MANAGEMENT  Version 15.0  \|<br>+----------+----------+<br>\|SEQUENCE  \| Before Restart  \|<br>+----------+----------+<br>\|PURPOSE  \| To implement the fix  \|<br>+----------+----------+<br>\|USERS  \| All users of SYSVIEW  \|<br>\|AFFECTED  \|  \|<br>+----------+----------+<br>\|KNOWLEDGE \| Product Administration  \|<br>\|REQUIRED  \|  \|<br>+----------+----------+<br>\|ACCESS  \| Product Libraries  \|<br>\|REQUIRED  \|  \|<br>+----------+----------+<br>**********<br>* STEPS  TO  PERFORM *<br>**********<br>If you do not use the JVM component then this HOLD can be ignored.<br>After applying this PTF, the JVM data collector agent run-time binaries<br>will need to be deployed to your site's run-time environment, followed<br>by a stop and start of your JVMs. Follow these steps to implement the<br>change: |

| Service | Details |
|---|---|
| | 1. Deploy the agent run-time from the SMP/E managed directory<br>"../cnm4g00/CNM4JVMD/" (DDDEF CNM4JVMD) to the run-time directory<br>"../cnm4g00/runtime/". The deploy can be performed by running the<br>sysviewhlq.SAMPJCL(INST0006) install job.<br>2. Stop the JVMs configured to run the agent.<br>3. Start the JVMs configured to run the agent.<br>Notes:<br>1. It is not required to immediately stop and start your JVMs to pick<br>up the updated JVM data collector agent. A back-level agent will<br>continue to communicate with a higher level SYSVIEW STC. It is<br>recommended to keep the agent in sync with the SYSVIEW STC so the<br>latest features and bug fixes are active in the agent.<br>2. The following SYSVIEW commands can be used to identify JVMs<br>configured to run an agent that are currently running on a system:<br>JVMARGS SYSTEM ; SELECT ARGUMENT CN -AGENTPATH<br>Ensure all run-time directories are updated with the new binaries.<br>).<br>LINK('../libgsvoagt1.so')<br>PARM(PATHMODE(0,7,7,5)) .<br>LINK('../libgsvoagt4.so')<br>PARM(PATHMODE(0,7,7,5)) . |

| Service | Details |
|---|---|
| SO13119 | SO13119  M.C.S. ENTRIES  = ++PTF (SO13119)<br><br>GSVX176E S0C4 ISSUING COMMANDS ON MQ 9.1.5<br>PROBLEM DESCRIPTION:<br>1. Changes in IBM MQ for z/OS 9.1.5 may cause the following commands to abend:<br>MQHANDLE<br>MQQUSERS<br>MQSBSTAT<br>MQTUSERS<br>MQUSERS<br>2. Changes to the underlying channel data in IBM MQ for z/OS 9.1.3 causes incorrect data and/or an error message on the following commands if a SVRCONN channel is active:<br>MQCHAN<br>MQCHSTAT<br>SYMPTOMS:<br>1. Issuing any of the listed commands results in an error message similar to the following:<br>GSVX176E Abend S0C4-10 occurred processing MQHANDLE command<br>With abend messages similar to the following in LISTLOG:<br>GSVX452I SYSVIEW SRB in control at entry to abend<br>GSVX453I Diagnostics for SRB in control at entry to abend<br>GSVX457I Psw 070C2000 8EB78808 Ilc 4 Intc 10<br>GSVX477I Key 0 State SUP Am 31 Asc PRI<br>GSVX458I Module GSVSX913 Addr 0EB6F000 Offset 00009808<br>GSVX450I FixLvl SO09873<br>GSVX473I Routne GUSX$$  Addr 0EB785F8 Offset 00000210<br>GSVX459I Data at PSW addr 0EB78802<br>GSVX460I 12774780 C24E9180 701F4710<br>GSVX455I General registers at entry to abend<br>GSVX467I  R0-R1  00000000_00000000 00000000_00000016<br>GSVX467I  R2-R3  00000000_00000000 00000000_09D29048<br>GSVX467I  R4-R5  00000000_09D29010 00000000_0B34F2D0<br>GSVX467I  R6-R7  00000000_09CF6E90 00000000_586054C0<br>GSVX467I  R8-R9  00000000_0E9A3000 00000000_0EB80060<br>GSVX467I  R10-R11  00000000_0EB79D40 00000000_0E9A1000<br>GSVX467I  R12-R13  00000000_0EB785F8 00000000_0E9A9D18<br>GSVX467I  R14-R15  00000000_8EB78668 00000000_00000000<br>2. Issuing either of the listed commands results in an error message similar to the following:<br>GSVX737E XMDS req 2503 failed in ASID 0431, rc 0000000C rs 00000000 ec 00C48010 00000000<br>IMPACT:<br>Several MQ command displays may not work.<br>CIRCUMVENTION:<br>None.<br>PRODUCT(S) AFFECTED:<br>CA SYSVIEW  Release 15.0<br>CA SYSVIEW  Release 16.0<br>Related Problem:<br>SYSVW  2510<br>Copyright (C) 2020 CA. All rights reserved. R00127-NM4150-SP1 |

| Service | Details |
|---|---|
| | DESC(GSVX176E SOC4 ISSUING COMMANDS ON MQ 9.1.5). |
| | ++VER (Z038) |
| | FMID (CNM4F00) |
| | PRE ( RO96630 RO97598 RO99412 SO00378 SO01737 SO04675 |
| | SO06572 SO07130 SO07157 SO07779 SO07945 SO09873 |
| | SO10211 SO10925 SO11379 ) |
| | SUP ( SO06998 SO08269 ST06998 ST08269 ST13119 ) |

| Service | Details |
|---|---|
| SO13241 | SO13241  M.C.S. ENTRIES  = ++PTF (SO13241)<br><br>COMPATIBILITY SUPPORT FOR IMS 15.2.0<br>PROBLEM DESCRIPTION:<br>This fix provides compatibility support for IMS 15.2.0, in regards<br>to IMS APAR PH16682.<br>The IMSLIST command display will now show the IMS installed level<br>of 15.2.0.  The IMSRSLOG, IMSTLOG and IMSTSUM (new in 16.0) displays<br>will show a record version of 15.2.<br>SYMPTOMS:<br>The following fields were displaying a version of 15.1:<br>IMSLIST  Ver field<br>IMSRSLOG  IMS field<br>IMSTLOG  IMS field<br>IMSTSUM  IMS field<br>And the IMS field in the Information area on most IMS displays.<br>IMPACT:<br>None.<br>CIRCUMVENTION:<br>None.<br>PRODUCT(S) AFFECTED:<br>CA SYSVIEW  Release 15.0<br>CA SYSVIEW  Release 16.0<br>Related Problem:<br>SYSVW  2512<br>Copyright (C) 2020 CA. All rights reserved. R00129-NM4150-SP1<br><br>DESC(COMPATIBILITY SUPPORT FOR IMS 15.2.0).<br>++VER (Z038)<br>FMID (CNM4F00)<br>PRE ( RO96630 RO97598 RO98752 RO99412 SO00378 SO01093<br>SO01737 SO04675 SO05461 SO06572 SO07946 SO09992<br>SO10211 SO11610 SO12796  )<br>SUP ( ST13241 )<br>MCS  SO12801  STARTS ON PAGE 0002<br>MCS  SO12995  STARTS ON PAGE 0003<br>MCS  SO12996  STARTS ON PAGE 0004<br>MCS  SO13035  STARTS ON PAGE 0006<br>MCS  SO13057  STARTS ON PAGE 0007<br>MCS  SO13119  STARTS ON PAGE 0009<br>MCS  SO13241  STARTS ON PAGE 0012 |

| Product Family | Product | Release |
|---|---|---|
| Systems Management | CA SYSVIEW PERFORMANCE MANAGEMENT | 15.00.00 |

The CA RS 2006 Product/Component Count for this release is 1

| CA RS Level | Service | FMID |
|---|---|---|
| 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 |
| | 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 |

| CA RS Level | Service | FMID |
|---|---|---|
| | 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 |
| | 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 |

| CA RS Level | Service | FMID |
|---|---|---|
| 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 |
| | 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 |