

CA SOLVE:Operations Automation 11.9
CA RS 1911 Service List

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Service	Description	Type
S009661	RESOURCE DISPLAY AND SYSCMD MACRO NOT PROCESSING MESSAGES	PTF
S010016	OPS/MVS SYSTEM IMAGES APPEAR IN IMAGE LIST FOR ADD COMMAND	PTF
S010172	ALLOW NETMASTER AND SOLVE TO CONNECT TO OPS/MVS	PTF
S010305	ABEND S0C3 NM00002X+250 AFTER RTM1 INVOKED	PTF
S010337	SYSTEM HANG, ENQ ON NETMAGDB	**HIPER**
S010397	COMMANDS DD IS UNALLOCATED ON \$DSCALL ERROR PATH	PTF
S010398	LINUX MESSAGES IN ACTIVITY LOG MAY BE TRUNCATED	PTF
S010399	EVENTVIEW RULESET ID OVERWRITTEN IN SCREENING TABLE	PTF
S010572	RESOURCE MONITOR (/RMON) CICS INTERNAL RESOURCE IS DEGRADED	PTF
S010587	RESOURCE MONITOR (/RMON) RESOURCE REMAINS IN PENDING STATE	PTF
The CA RS 1911 service count for this release is 10		

CA SOLVE:Operations Automation
CA RS 1911 Service List for CC2D710

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FMID	Service	Description	Type
CC2D710	S009661	RESOURCE DISPLAY AND SYSCMD MACRO NOT PROCESSING MESSAGES	PTF
	S010016	OPS/MVS SYSTEM IMAGES APPEAR IN IMAGE LIST FOR ADD COMMAND	PTF
	S010172	ALLOW NETMASTER AND SOLVE TO CONNECT TO OPS/MVS	PTF
	S010305	ABEND S0C3 NM00002X+250 AFTER RTM1 INVOKED	PTF
	S010337	SYSTEM HANG, ENQ ON NETMAGDB	**HIPER**
	S010397	COMMANDS DD IS UNALLOCATED ON \$DSCALL ERROR PATH	PTF
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	S010572	RESOURCE MONITOR (/RMON) CICS INTERNAL RESOURCE IS DEGRADED	PTF
	S010587	RESOURCE MONITOR (/RMON) RESOURCE REMAINS IN PENDING STATE	PTF
The CA RS 1911 service count for this FMID is 10			

Service	Details
S009661	S009661 M.C.S. ENTRIES = ++PTF (S009661) DESC (RESOURCE DISPLAY AND SYSCMD MACRO NOT PROCESSING MESSAGES) /* PROBLEM DESCRIPTION: When a message with a message ID longer than 12 bytes is specified in the Display and Heartbeat screen of a resource or in the Response Message Analysis section of the SYSCMD Macro Parameter Definition screen, it may not be processed correctly. SYMPTOMS: The following message is displayed in the resource's transient log or in the PDF Log of the process containing the SYSCMD Macro: RMCMD07 NO MATCHED MESSAGES. WAIT PERIOD OF nn SECONDS EXPIRED IMPACT: Required automation may not be performed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster Network Management for TCP/IP r12.1 CA NetMaster File Transfer Management r12.1 CA NetMaster Network Automation r12.1 CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 */ . ++VER(Z038) FMID(CC2D710) PRE(R037838 R043086 R049074 R050666 R055179 R055236 R058165 R061398 R061402 R063463 R087319 R088799 S000877 S008157 S008222 R029723 R033364 R033485) SUP(TZ58980) .

CA SOLVE:Operations Automation 11.9
CA RS 1911 - PTF SO10016 Details

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Service	Details												
S010016	S010016 M.C.S. ENTRIES = ++PTF (S010016) DESC (OPS/MVS SYSTEM IMAGES APPEAR IN IMAGE LIST FOR ADD COMMAND) /* PROBLEM DESCRIPTION: When an ADD command is issued from the Resource Monitor OPS/MVS system images appear in the System Image List. SYMPTOMS: The System Image List appears with OPS/MVS system images included: <table> <thead> <tr> <th>System Image</th><th>Description</th></tr> </thead> <tbody> <tr> <td>\$SERVICE 0001</td><td>SERVICE Image loaded on XXXXXXXX, running on XXXX</td></tr> <tr> <td>XXXX OPSS</td><td>OPSMVS Image loaded on XXXXXXXX, running on XXXX</td></tr> <tr> <td>XXXXXXXX NNNN</td><td>LOCAL Image loaded on XXXXXXXX, running on XXXX</td></tr> <tr> <td>XXXXXXXX NNNN</td><td>LOCAL Image loaded on XXXXXXXX, running on XXXX</td></tr> <tr> <td>XXXXXXXX NNNN</td><td>LOCAL Image loaded on XXXXXXXX, running on XXXX</td></tr> </tbody> </table> IMPACT: OPS/MVS system images are not a valid choice to add resources. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 */ . ++VER(Z038) FMID(CC2D710) PRE(R037838 R043086 R046704 R049074 R050666 R055179 R055236 R058165 R061398 R061402 R063463 R087319 S000877 S008157 S008550 S008959 R029723 R033364 R033485) SUP(TZ58993) .	System Image	Description	\$SERVICE 0001	SERVICE Image loaded on XXXXXXXX, running on XXXX	XXXX OPSS	OPSMVS Image loaded on XXXXXXXX, running on XXXX	XXXXXXXX NNNN	LOCAL Image loaded on XXXXXXXX, running on XXXX	XXXXXXXX NNNN	LOCAL Image loaded on XXXXXXXX, running on XXXX	XXXXXXXX NNNN	LOCAL Image loaded on XXXXXXXX, running on XXXX
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\$SERVICE 0001	SERVICE Image loaded on XXXXXXXX, running on XXXX												
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XXXXXXXX NNNN	LOCAL Image loaded on XXXXXXXX, running on XXXX												
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CA SOLVE:Operations Automation 11.9
CA RS 1911 - PTF SO10172 Details

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Service	Details
SO10172	SO10172 M.C.S. ENTRIES = ++PTF (SO10172) DESC (ALLOW NETMASTER AND SOLVE TO CONNECT TO OPS/MVS) /* ENHANCEMENT DESCRIPTION: Introduce the capability for NetMaster and SOLVE products to connect to OPS/MVS and extract resource information to present in various monitors and to receive state change events related to these resources to keep the monitor screens up to date. Capability is enabled by updating the NetMaster/SOLVE procedure to have: - The OPS/MVS CCLXLOAD loadlib added to the STEPLIB DD - The OPS/MVS CCLXEXEC library defined as an additional DD called SYSEXEC When a NetMaster/SOLVE region is connected to a OPS/MVS region a System Image is created with a name/version form of LPARname/OPSMVSSsid. Resources are added to the image to mirror the content of the OPS/MVS RDF table. Resources are classname=OPSRSC / classnumber=39. Security requirements for the NetMaster/SOLVE region is same as for a OPSWEB region. NetMaster/SOLVE region needs access to OPS/MVS OPSGETV, OPSQL, OPSSETV, and OPSSMTBL command processors and STATESET program. Provide the ability for the Alert Exit to set a resource name that is used as the alert object ID. This correlates the alert to the specified resource name. Provide a new field on the State Change Exits panel of a resource definition - State Change Alert Threshold - which can be used to stop alerts from the STATECHANGE parameter group being raised at the individual resource level, based on the severity of the alert. Provide a new destination type of CALLBACK in the \$AM ALERTS parameter group Alert Forwarding Definitions. This will allow alerts to be passed to a user-defined NCL procedure for processing. Note: Non OPS/MVS customers should apply this and related PTFs as part of their normal maintenance cycle. For non OPS/MVS customers all HOLDDATA actions should be performed except the optional RAMDB update. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 */ . ++VER(Z038) FMID(CC2D710) PRE(R034414 R036433 R036804 R043086 R046704 R049074 R050666 R052098 R055238 R058165 R061398 R061402 R061652 R063463 R066093 R087319 R088799 R091762 R095163 R095989 R096658 R097002 S000876 S000877 S001714 S007789 S008222 S008550 S008959 S009661 S009730 S010016) SUP(R029647 R029718 R029723 R029724 R029768 R029276 R029871 R031588 R032213 R032774 R032776 R033070 R033204 R033482 R033486 R033487 R033949 R033989 R034368 R037437 R037836 R037838 R043088 R043129 R043672 R043673 R047419 R049076 R049078 R049708 R050652 R050713 R052707 R054286 R055179 R055234 R055236 R055237 R055282 R056127 R057322 R058166 R059556 R059786 R060536 R060769 R061400 R062198 R063054 R063462 R063464 R063971 R064327 R066091 R066092 R067471 R072756 R072757 R072758 R074169 R075255 R075258 R075259 R076965 R076966 R077128 R079171 R081120 R081782 R082831 R084272 R085914 R087794 R087959 R088151 R089253 R090649 R091738 R091756 R091953 R092976 R093876 R094063 R094550 R095164 R091565 R095166 R095990 R095991 R095993

Service	Details
	R095994 R096068 R096247 R096439 R096516 R096531 R097158 R097788 R097849 R098343 R098475 R098896 R099325 S000326 S000874 S001054 S001291 S001329 S001715 S001716 S001766 S003668 S003740 S003765 S004366 S004546 S004547 S005326 S005584 S006233 S006544 S006644 S006731 S006903 S007069 S007790 S007791 S007792 S007793 S007794 S007795 S007796 S007797 S007798 S008157 S009225 S009231 S009573 S009676 S009709 S009732 TZ58925 TZ58926 TZ58927 TZ58928 TZ58934 TZ58935 TZ58938 TZ58939 TZ58941 TZ58950 TZ58995) . ++HOLD(SO10172) FMID(CC2D710) SYSTEM REASON(ENH) COMMENT (
	+-----+ CA SOLVE:Operations Release 11.9 +-----+
	SEQUENCE Before AND After Apply +-----+
	PURPOSE Ensure all required, related SYSMODS are available. Copy the updated MOD@*, PAN@*, OSC@* and RAM@UPDT from the SMP/E target dataset into the product run-time MODSDIS, PANLDIS, OSCNTL and RAMDB VSAM datasets. +-----+
	USERS All users. AFFECTED +-----+
	KNOWLEDGE JCL Customization REQUIRED +-----+
	ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+
	THE TYPES/MODULES AFFECTED BY THE SUITE ARE LISTED BELOW: +-----+
	NCL OML MOD@\$AM MOD@\$NM MOD@\$RM OSC@\$RM PAN@\$AM PAN@\$RM RAMDB - post APPLY UPDATE is not required for non OPS/MVS customers ***** * STEPS TO PERFORM AFTER * ***** TO UPDATE YOUR RAMDB: (OPTIONAL FOR NON OPS/MVS CUSTOMERS) 1. Back-up your site's RAMDB using IDCAMS REPRO. 2. Enter the \$RMDB04D command (example shown below) in your Command Entry window (CMD) to apply the RAMDB maintenance from RAM@UPDT to the active RAMDB. 3. This maintenance only has to be applied to a focal point region and it will be automatically applied to all linked and synchronized regions within your multi-system region configuration. 4. For more information refer to the "Individual RAMDB Maintenance" section in your product's "Installation Guide". \$RMDB04D OPT=APPLY FIX=RAM@UPDT DATASET=?dsnpref.CC2DEXEC where DATASET is the dataset containing RAM@UPDT (Note: this operand is required if the dataset is not included in the region's COMMANDS concatenation).

Service	Details
	WARNING: Site customization of vendor supplied records may be overwritten by this update. TO UPDATE YOUR MODSDIS, PANLDIS AND OSCNTL: 1. Copy the sample JCL to a dataset. 2. Modify the sample JCL to meet your site's requirements. 3. In the scheduled maintenance window, stop all product regions that reference the MODSDIS, PANLDIS and OSCNTL VSAM dataset. 4. Submit the modified JCL to update the product region VSAM datasets. 5. Start the product regions that were stopped. <pre>//MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DLOAD //OSCTIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI(OSC@\$RM) //OSCTOUT DD DISP=SHR,DSN=&DSNPREF.OSCNTL //MODSIN1 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI(MOD@\$AM) //MODSIN2 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI(MOD@\$NM) //MODSIN3 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI(MOD@\$RM) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //PANLIN1 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI(PAN@\$AM) //PANLIN2 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI(PAN@\$RM) //PANLOUT DD DISP=SHR,DSN=&DSNPREF.PANLDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY OSCNTL INDD=OSCTIN OUTDD=OSCTOUT MIB=NO OPT=INSTALL COPY MODS INDD=MODSIN1 OUTDD=MODSOUT OPT=INSTALL COPY MODS INDD=MODSIN2 OUTDD=MODSOUT OPT=INSTALL COPY MODS INDD=MODSIN3 OUTDD=MODSOUT OPT=INSTALL COPY PANELS INDD=PANLIN1 OUTDD=PANLOUT OPT=INSTALL COPY PANELS INDD=PANLIN2 OUTDD=PANLOUT OPT=INSTALL /*).</pre>

Service	Details
S010305	S010305 M.C.S. ENTRIES = ++PTF (S010305) DESC (ABEND S0C3 NM00002X+250 AFTER RTM1 INVOKED) /* PROBLEM DESCRIPTION: MVS Recovery Termination Manager unpauses the main task during RTM1 processing and invalidates the pause token used by the SRB. SYMPTOMS: Cancel or ABEND processing results in a S0C3 ABEND when the SRB attempts to wake up the main task. The termination is reported in the job log as an ABEND in NM00002X. N01101 NetMaster ABEND S-0C3 ID=NMID JN=JJJJJ DT=YYYYDD TM=HHMMSSHH N01102 SRC=AB PRD=SOLVE INTLVL=070100 SP=yymm ABC=S-0C3 N01103 LLM=NM001 LCS=NM00002X N01104 R0-R3 016E9546 0011C448 0087A76F 05EB4960 N01104 R4-R7 00000000 00000000 00000000 00000000 N01104 R8-R11 0009A000 8002A6AE A0C58270 0009A728 N01104 R12-R15 00008000 0011C200 016E9546 00000000 IMPACT: The original reason for region termination is not reported in the termination messages. CIRCUMVENTION: Use JCL parameter XM=TASK. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 */ . ++VER(Z038) FMID(CC2D710) SUP(TZ58832) .

Service	Details
S010337	S010337 M.C.S. ENTRIES = ++PTF (S010337) DESC (SYSTEM HANG, ENQ ON NETMAGDB) /* PROBLEM DESCRIPTION: An exclusive ENQ on NETMAGDB may result in a system hang under the following conditions: 1. One or more shared ENQs are owned by tasks issuing WTOs. 2. An EventView rule causes the SOLVE region to update the AOM GDB. This results in the SOLVE region issuing an exclusive ENQ that must wait for the shared ENQs to be released. While waiting for a 100 MS. timeout, the SOLVE TCB must allow asynchronous exits to run. 3. While waiting for the ENQ, a VTAM logon exit is run as an IRB that causes the SOLVE main task to wait until it completes. The exit issues INQUIRE for session parameters and that causes the VTAM exit to wait on a post to the related RPL in VTAM module ISTAICI2. 4. The exclusive ENQ is granted but SOLVE cannot complete the AOM GDB update and release the ENQ until the VTAM exit completes. 5. VTAM issues a WTO that requires a shared ENQ on NETMAGDB. This causes a deadlock with the SOLVE region. 6. Tasks issuing a WTO then queue behind the exclusive ENQ granted to the SOLVE region. The problem may also occur in NetMaster Network Automation during Network Discovery. SYMPTOMS: 1. The system becomes less responsive. 2. Sessions with the SOLVE region lock up. 3. SOLVE message automation is suspended for ResourceView and EventView. IMPACT: An IPL is required to resolve the situation. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA SOLVE:Operations Automation V5.0 CA SOLVE:Operations Automation for CICS V5.0 CA NetMaster Network Automation r12.2 CA NetMaster Network Automation r12.1 */ . ++VER(Z038) FMID(CC2D710) PRE(R059784 R075052 R075496 R076379 R087538) SUP(TZ58984) .

Service	Details
S010397	S010397 M.C.S. ENTRIES = ++PTF (S010397) DESC (COMMANDS DD IS UNALLOCATED ON \$DSCALL ERROR PATH) /* PROBLEM DESCRIPTION: When browsing the COMMANDS DD via the \$DSCALL OPT=BROWSE command, if access to a COMMANDS DSN is denied by security the \$DSCALL error path unallocates the COMMANDS DD library. SYMPTOMS: Messages such as these are seen in the Activity Log: N03920 LOAD OF PROCEDURE xxxxxxxx FAILED, DDNAME COMMANDS NOT DEFINED. N13901 UNABLE TO OPEN LIBRARY ID: COMMANDS IMPACT: Execution of NCL and OML procedures is not possible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.1 CA NetMaster Network Management for SNA r12.1 CA NetMaster File Transfer Management r12.1 CA NetMaster Network Automation r12.1 CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 */ . ++VER(Z038) FMID(CC2D710) SUP(TZ58960) .

Service	Details
S010398	S010398 M.C.S. ENTRIES = ++PTF (S010398) DESC (LINUX MESSAGES IN ACTIVITY LOG MAY BE TRUNCATED) /* PROBLEM DESCRIPTION: Linux messages longer than 256 characters are truncated when written to the Activity Log. SYMPTOMS: Truncated messages appear in the Activity Log. IMPACT: Some message text is lost from long messages. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 */ . ++VER(Z038) FMID(CC2D710) PRE(R036429) SUP(TZ58611) .

Service	Details
S010399	S010399 M.C.S. ENTRIES = ++PTF (S010399) DESC (EVENTVIEW RULESET ID OVERWRITTEN IN SCREENING TABLE) /* PROBLEM DESCRIPTION: The screening table variable that contains the EventView Ruleset id that a message matches is sometimes overwritten before the user screening table exit is executed. SYMPTOMS: When the value is used to try to access the Eventview Rule the following message is issued: REDBAPI08 RULESET(xxxx) DOES NOT EXIST IMPACT: Customer written automation fails because the rule cannot be found. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation v5.0 CA SOLVE:Operations Automation for CICS v5.0 CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 */ . ++VER(Z038) FMID(CC2D710) SUP(TZ58618) .

Service	Details
S010572	S010572 M.C.S. ENTRIES = ++PTF (S010572) RESOURCE MONITOR (/RMON) CICS INTERNAL RESOURCE IS DEGRADED PROBLEM DESCRIPTION: The internal CICS dynamic resource PR(SOLVCICS) does not go ACTIVE once the PPI is available. It stays in a DEGRADED state. SYMPTOMS: The resource appears in the Resource Monitor with Desired State ACTIVE, Actual State DEGRADED and reason PPI IS INACTIVE, RETRY IN 30 SECS. IMPACT: The resource remains DEGRADED when it should be ACTIVE. CIRCUMVENTION: Issue a CHK command against the resource. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation for CICS r11.9 Related Problem: SOPCIC 41 Copyright (C) 2019 CA. All rights reserved. R00001-NMS071-SP0 DESC(RESOURCE MONITOR (/RMON) CICS INTERNAL RESOURCE IS DEGRADED). ++VER (Z038) FMID (CC2D710) SUP (R079514 ST10572 TZ58996)

Service	Details																															
S010587	S010587 M.C.S. ENTRIES = ++PTF (S010587) RESOURCE MONITOR (/RMON) RESOURCE REMAINS IN PENDING STATE PROBLEM DESCRIPTION: If a resource goes into an INACTIVE state, while being activated, it remains in a PENDING Logical State rather than being re-started. SYMPTOMS: Resource appears in the Resource Monitor with Desired State ACTIVE, Actual State INACTIVE and Logical State PENDING. IMPACT: The resource remains INACTIVE when it should be ACTIVE. CIRCUMVENTION: Place the resource in MANUAL Mode and activate it using the A command. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster File Transfer Management r12.1 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.1 CA NetMaster Network Automation r12.2 Related Problem: NMS 2310 Copyright (C) 2019 CA. All rights reserved. R00002-NMS071-SP0 DESC(RESOURCE MONITOR (/RMON) RESOURCE REMAINS IN PENDING STATE). ++VER (Z038) FMID (CC2D710) PRE (R050457 R054013 R055179 R059556 S007790 S008157 S009730 S010172) SUP (R079171 R087959 R090649 R091953 S009225 ST10587 TZ58997) <table> <tr> <td>MCS</td><td>S009661</td><td>STARTS ON PAGE 0002</td></tr> <tr> <td>MCS</td><td>S010016</td><td>STARTS ON PAGE 0002</td></tr> <tr> <td>MCS</td><td>S010172</td><td>STARTS ON PAGE 0003</td></tr> <tr> <td>MCS</td><td>S010305</td><td>STARTS ON PAGE 0009</td></tr> <tr> <td>MCS</td><td>S010337</td><td>STARTS ON PAGE 0009</td></tr> <tr> <td>MCS</td><td>S010397</td><td>STARTS ON PAGE 0013</td></tr> <tr> <td>MCS</td><td>S010398</td><td>STARTS ON PAGE 0014</td></tr> <tr> <td>MCS</td><td>S010399</td><td>STARTS ON PAGE 0014</td></tr> <tr> <td>MCS</td><td>S010572</td><td>STARTS ON PAGE 0015</td></tr> <tr> <td>MCS</td><td>S010587</td><td>STARTS ON PAGE 0016</td></tr> </table>		MCS	S009661	STARTS ON PAGE 0002	MCS	S010016	STARTS ON PAGE 0002	MCS	S010172	STARTS ON PAGE 0003	MCS	S010305	STARTS ON PAGE 0009	MCS	S010337	STARTS ON PAGE 0009	MCS	S010397	STARTS ON PAGE 0013	MCS	S010398	STARTS ON PAGE 0014	MCS	S010399	STARTS ON PAGE 0014	MCS	S010572	STARTS ON PAGE 0015	MCS	S010587	STARTS ON PAGE 0016
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Product Family	Product	Release
Database	CA SOLVE:OPERATIONS AUTOMATION	11.09.00
The CA RS 1911 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR1911	S010587	CC2D710
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	S010398	CC2D710
	S010397	CC2D710
	S010337	CC2D710
	S010305	CC2D710
	S010172	CC2D710
	S010016	CC2D710
	S009661	CC2D710
CAR1910	S010047	CC2D710
CAR1909	S009732	CC2D710
	S009730	CC2D710
	S009709	CC2D710
	S009676	CC2D710
CAR1908	S009354	CC2D710
	S009231	CC2D710
	S009225	CC2D710
CAR1907	S009091	CC2D710
	S008960	CC2D710
	S008959	CC2D710
CAR1906	S008550	CC2D710
CAR1905	S008222	CC2D710
	S008157	CC2D710
	S007798	CC2D710
	S007797	CC2D710
	S007796	CC2D710
	S007795	CC2D710
	S007794	CC2D710
	S007793	CC2D710
	S007792	CC2D710
	S007789	CC2D710
CAR1903	S007348	CC2D710
	S007069	CC2D710
CAR1902	S006903	CC2D710
	S006902	CC2D710
CAR1901	S006731	CC2D710
	S006644	CC2D710
	S006544	CC2D710
CAR1812	S006324	CC2D710
	S006233	CC2D710
	S004548	CC2D710
	S004547	CC2D710
	S004546	CC2D710
CAR1811	S005885	CC2D710
CAR1810	S005584	CC2D710
	S005493	CC2D710
	S005326	CC2D710
	S005325	CC2D710
	S005317	CC2D710
CAR1809	S005254	CC2D710
	S005229	CC2D710
CAR1808	S004366	CC2D710
	S004361	CC2D710
CAR1807	S003902	CC2D710

CA RS Level	Service	FMID
	S003877	CC2D710
CAR1806	S003765	CC2D710
	S003740	CC2D710
	S003668	CC2D710
	S001766	CC2D710
CAR1805	S001716	CC2D710
	S001715	CC2D710
	S001714	CC2D710
	S001329	CC2D710
	S001291	CC2D710
CAR1804	S001071	CC2D710
	S001054	CC2D710
	S001048	CC2D710
	S000920	CC2D710
	S000877	CC2D710
	S000876	CC2D710
	S000874	CC2D710
CAR1803	S000411	CC2D710
	S000327	CC2D710
	S000326	CC2D710
CAR1712	R099325	CC2D710
	R098896	CC2D710
CAR1711	R098475	CC2D710
	R098399	CC2D710
	R098343	CC2D710
CAR1710	R097849	CC2D710
	R097788	CC2D710
CAR1709	R097320	CC2D710
CAR1708	R097175	CC2D710
	R097158	CC2D710
	R097002	CC2D710
	R097001	CC2D710
CAR1707	R096815	CC2D710
	R096659	CC2D710
	R096658	CC2D710
	R096534	CC2D710
	R096531	CC2D710
	R096516	CC2D710
	R096439	CC2D710
CAR1706	R096265	CC2D710
	R096264	CC2D710
	R096247	CC2D710
	R096109	CC2D710
	R096068	CC2D710
	R095994	CC2D710
	R095993	CC2D710
	R095991	CC2D710
	R095990	CC2D710
	R095989	CC2D710
CAR1705	R095746	CC2D710
CAR1704	R095166	CC2D710
	R095165	CC2D710
	R095164	CC2D710
	R095163	CC2D710
	R095107	CC2D710

CA RS Level	Service	FMID
CAR1703	R094552	CC2D710
	R094550	CC2D710
	R094423	CC2D710
CAR1702	R094072	CC2D710
	R094071	CC2D710
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	R094066	CC2D710
	R094064	CC2D710
	R094063	CC2D710
	R093876	CC2D710
	R093774	CC2D710
CAR1701	R093467	CC2D710
CAR1612	R092979	CC2D710
	R092978	CC2D710
	R092977	CC2D710
	R092976	CC2D710
CAR1610	R091953	CC2D710
CAR1609	R091811	CC2D710
	R091762	CC2D710
	R091756	CC2D710
	R091738	CC2D710
	R091737	CC2D710
CAR1607	R090649	CC2D710
CAR1606	R090267	CC2D710
	R090259	CC2D710
CAR1604	R089254	CC2D710
	R089253	CC2D710
	R088799	CC2D710
CAR1603	R088525	CC2D710
	R088151	CC2D710
CAR1602	R087959	CC2D710
	R087794	CC2D710
	R087538	CC2D710
CAR1601	R087319	CC2D710
CAR1512	R086120	CC2D710
CAR1511	R085914	CC2D710
CAR1510	R084286	CC2D710
	R084272	CC2D710
CAR1508	R083238	CC2D710
	R082831	CC2D710
	R082822	CC2D710
CAR1507	R081981	CC2D710
	R081980	CC2D710
	R081978	CC2D710
	R081976	CC2D710
	R081786	CC2D710
	R081782	CC2D710
CAR1506	R081153	CC2D710
	R081152	CC2D710
	R081120	CC2D710
	R080812	CC2D710
CAR1504	R079634	CC2D710
	R079514	CC2D710
	R079171	CC2D710
CAR1503	R078648	CC2D710

CA RS Level	Service	FMID
CAR1502	R077821	CC2D710
	R077820	CC2D710
CAR1501	R077128	CC2D710
	R077127	CC2D710
	R076966	CC2D710
	R076965	CC2D710
CAR1412	R076379	CC2D710
	R076378	CC2D710
CAR1411	R075496	CC2D710
	R075259	CC2D710
	R075258	CC2D710
	R075257	CC2D710
	R075256	CC2D710
	R075255	CC2D710
	R075254	CC2D710
	R075052	CC2D710
CAR1410	R074169	CC2D710
	R073803	CC2D710
	R073661	CC2D710
	R073656	CC2D710
CAR1409	R072759	CC2D710
	R072758	CC2D710
	R072757	CC2D710
	R072756	CC2D710
CAR1407	R071045	CC2D710
CAR1406	R070526	CC2D710
CAR1405	R069335	CC2D710
	R069300	CC2D710
CAR1404	R067939	CC2D710
	R067628	CC2D710
	R067471	CC2D710
	R066418	CC2D710
CAR1403	R066093	CC2D710
	R066092	CC2D710
	R066091	CC2D710
	R065323	CC2D710
	R065188	CC2D710
	R065037	CC2D710
	R064986	CC2D710
	R064844	CC2D710
	R064327	CC2D710
	R063971	CC2D710
	R063776	CC2D710
	R063774	CC2D710
CAR1312	R063464	CC2D710
	R063463	CC2D710
	R063462	CC2D710
	R063332	CC2D710
	R063054	CC2D710
	R062661	CC2D710
	R062621	CC2D710
	R062198	CC2D710
	R061652	CC2D710
	R061578	CC2D710
	R061402	CC2D710

CA RS Level	Service	FMID
	R061400	CC2D710
	R061398	CC2D710
	R060769	CC2D710
	R060536	CC2D710
CAR1309	R059556	CC2D710
	R058166	CC2D710
	R058165	CC2D710
	R057322	CC2D710
	R057126	CC2D71H
CAR1307	R059786	CC2D710
	R059784	CC2D710
CAR1306	R056127	CC2D710
	R055282	CC2D710
	R055238	CC2D710
	R055237	CC2D710
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	R055234	CC2D710
	R055233	CC2D710
	R054891	CC2D710
	R054890	CC2D710
	R054728	CC2D710
	R054286	CC2D710
	R054059	CC2D710
	R054017	CC2D710
	R054014	CC2D710
	R053754	CC2D710
CAR1303	R055179	CC2D710
	R054288	CC2D710
	R054013	CC2D710
	R053449	CC2D710
	R053445	CC2D710
	R052890	CC2D710
	R052710	CC2D710
	R052707	CC2D710
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	R051476	CC2D710
	R051317	CC2D710
	R051315	CC2D710
	R050665	CC2D710
CAR1212	R050713	CC2D710
	R050711	CC2D710
	R050666	CC2D710
	R050660	CC2D710
	R050652	CC2D710
	R050650	CC2D710
	R050649	CC2D710
	R050648	CC2D710
	R050517	CC2D710
	R050457	CC2D710
	R049708	CC2D710
	R049131	CC2D710
	R049130	CC2D710
	R049079	CC2D710

CA RS Level	Service	FMID
	R049078	CC2D710
	R049077	CC2D710
	R049076	CC2D710
	R049075	CC2D710
	R049074	CC2D710
	R048872	CC2D710
	R048803	CC2D710
	R048701	CC2D710
	R047749	CC2D710
CAR1210	R047419	CC2D710
	R046879	CC2D710
	R046704	CC2D710
	R046409	CC2D710
	R046045	CC2D710
	R045773	CC2D710
	R045631	CC2D710
	R045363	CC2D710
	R045102	CC2D710
	R045101	CC2D710
	R045029	CC2D710
	R044316	CC2D710
	R043798	CC2D710
	R034668	CC2D710
	R034667	CC2D710
CAR1207	R044456	CC2D710
	R043674	CC2D710
	R043673	CC2D710
	R043672	CC2D710
	R043129	CC2D710
	R043088	CC2D710
	R043087	CC2D710
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	R043020	CC2D710
	R042729	CC2D710
	R042468	CC2D710
	R042004	CC2D710
	R041841	CC2D710
	R041839	CC2D710
	R041747	CC2D710
	R041568	CC2D710
	R041566	CC2D710
	R041476	CC2D710
	R040880	CC2HB90
CAR1204	R038856	CC2D710
	R038125	CC2D710
	R037838	CC2D710
	R037837	CC2D710
	R037836	CC2D710
	R037833	CC2D710
	R037831	CC2D710

CA RS Level	Service	FMID
	R037718	CC2D710
	R037437	CC2D710
	R036807	CC2D710
	R036806	CC2D710
	R036804	CC2D710
	R036433	CC2D710
	R036429	CC2D710
	R035115	CC2D710
	R034414	CC2D710
	R034368	CC2D710
	R030863	CC2D710