

NetMaster 12.2
CA RS 2112 Service List

1

Service	Description	Type
LU02922	IPNS0806 UNIX SHELL REQUEST RECEIVE HAS FAILED	PTF
LU03335	ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL	PTF
LU03336	ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL	PTF
LU03343	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
LU03362	SECONDARY AOMPROC GLOBAL CLEARED WITHOUT ANY NOTIFICATION	PTF
LU03363	STOPPING STATE OVERRIDES INACTIVE STATE SET BY EOM CONDITION	PTF
LU03364	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
LU03379	UNABLE TO LINK REGIONS AS FOCALS	PTF
LU03393	RFFTMON05 THE ACTIVE FILE TRANSFER MONITOR TABLE SIZE LIMIT	PTF
LU03425	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
LU03447	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
LU03465	NMSSI ABEND SOC4 NM000FT5+4A	PTF
LU03535	SMF89 PRODUCT VERSION INCORRECT/MISSING	PTF
LU03668	FIND FUNCTION IN SELECTION LISTS MISSES RECORDS	PTF
The CA RS 2112 service count for this release is 14		

NetMaster
CA RS 2112 Service List for CC11C20

2

FMID	Service	Description	Type
CC11C20	LU03447	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
The CA RS 2112 service count for this FMID is 1			

NetMaster
CA RS 2112 Service List for CC17C20

3

FMID	Service	Description	Type
CC17C20	LU03364	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
	LU03393	RFFTMON05 THE ACTIVE FILE TRANSFER MONITOR TABLE SIZE LIMIT	PTF
The CA RS 2112 service count for this FMID is 2			

NetMaster
CA RS 2112 Service List for CC2D810

FMID	Service	Description	Type
CC2D810	LU03335	ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL	PTF
	LU03425	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
	LU03465	NMSSI ABEND SOC4 NM000FT5+4A	PTF
The CA RS 2112 service count for this FMID is 3			

NetMaster
CA RS 2112 Service List for CC2D811

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FMID	Service	Description	Type
CC2D811	LU02922	IPNS0806 UNIX SHELL REQUEST RECEIVE HAS FAILED	PTF
	LU03336	ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL	PTF
	LU03343	RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
	LU03362	SECONDARY AOMPROC GLOBAL CLEARED WITHOUT ANY NOTIFICATION	PTF
	LU03363	STOPPING STATE OVERRIDES INACTIVE STATE SET BY EOM CONDITION	PTF
	LU03379	UNABLE TO LINK REGIONS AS FOCALS	PTF
	LU03535	SMF89 PRODUCT VERSION INCORRECT/MISSING	PTF
	LU03668	FIND FUNCTION IN SELECTION LISTS MISSES RECORDS	PTF
The CA RS 2112 service count for this FMID is 8			

Service	Details																																		
LU02922	LU02922 M.C.S. ENTRIES = ++PTF (LU02922) IPNS0806 UNIX SHELL REQUEST RECEIVE HAS FAILED PROBLEM DESCRIPTION: When NetMaster is assigned uid(0) it cannot spawn a different user that is also uid(0). SYMPTOMS: The spawn() fails with an EPERM(139) and ERRNO2 is JRInheUserId(423). The Unix syslog and the MVS system log contain: N5U023E __spawnp2(/bin/sh) failed: 139, errno2: 0b1b0423 IMPACT: Users defined as uid(0) cannot use USS or NETSTAT commands. CIRCUMVENTION: Modify the NetMaster STC user to be a non-zero uid and have BPX.DAEMON access. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 14810 Copyright (C) 2021 CA. All rights reserved. R00631-NMS081-SP4 DESC(IPNS0806 UNIX SHELL REQUEST RECEIVE HAS FAILED). ++VER (Z038) FMID (CC2D811) PRE (LU01414 LU02257 R092905 R093829 R094365 R095282 R095430 R096925 R098724 R099982 S000200 S000330 S001772 S004420 S004853 S005668 S006570 S006908 S007095 S007099 S008509 S009324 S011284 S013477 S014011 S014429 S015228 S015988 S016307) SUP (LT02922 R093589 R094545 R097609 R098237 S000069 S000554 S001106 S005937 S006416 S012167 S012542 ST00069 ST00554 ST01106 ST03946 ST05782 ST05937 ST06416 ST06826 ST12167 ST12542 TR93589 TR94545 TR97609 TR98064 TR98237) ++HOLD (LU02922) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21314) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> CA Management Services</td> <td>Release 8.1 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> After Apply. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Copy the updated MOD@\$\$\$ from the SMP/E target dataset </td> </tr> <tr> <td> </td> <td> into the product run-time MODSDIS VSAM dataset. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> All users. </td> </tr> <tr> <td> AFFECTED</td> <td> </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> JCL customization. </td> </tr> <tr> <td> REQUIRED</td> <td> </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. Target libraries. </td> </tr> <tr> <td> REQUIRED</td> <td> 2. Product region MODSDIS VSAM dataset. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> </table>	+-----+		CA Management Services	Release 8.1	+-----+		SEQUENCE	After Apply.	+-----+		PURPOSE	Copy the updated MOD@\$\$\$ from the SMP/E target dataset		into the product run-time MODSDIS VSAM dataset.	+-----+		USERS	All users.	AFFECTED		+-----+		KNOWLEDGE	JCL customization.	REQUIRED		+-----+		ACCESS	1. Target libraries.	REQUIRED	2. Product region MODSDIS VSAM dataset.	+-----+	
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Service	Details
	<pre> ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$\$\$) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

NetMaster 12.2
CA RS 2112 - PTF LU03335 Details

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Service	Details
LU03335	LU03335 M.C.S. ENTRIES = ++PTF (LU03335) ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL ENHANCEMENT DESCRIPTION: NetMaster has been updated to allow alert data to be forwarded to Alert Central via the /PARMS \$AM.ALERTS parameter. PRODUCT(S) AFFECTED: 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 Related Problem: NMS 2398 Copyright (C) 2021 CA. All rights reserved. R00644-NMS081-SP4 DESC(ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL) . ++VER (Z038) FMID (CC2D810) PRE (R096380 S000329 S004419 S010550) SUP (LT00734 LT02590 LT03332 LT03335 ST10440 ST10525 ST10545) ++IF FMID(CC2D811) REQ(LU03336) .

NetMaster 12.2
CA RS 2112 - PTF LU03336 Details

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Service	Details		
LU03336	LU03336 M.C.S. ENTRIES = ++PTF (LU03336) ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL ENHANCEMENT DESCRIPTION: NetMaster has been updated to allow alert data to be forwarded to Alert Central via the /PARMS \$AM.ALERTS parameter. PRODUCT(S) AFFECTED: 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 Related Problem: NMS 2398 Copyright (C) 2021 CA. All rights reserved. R00644-NMS081-SP4 DESC(ADD ALERT FORWARD SUPPORT FOR ALERT CENTRAL). ++VER (Z038) FMID (CC2D811) PRE (LU02257 R092905 R096379 R098214 S006597 S011284 S012615 S013477 S013728 S015626) SUP (LT00732 LT02591 LT03333 LT03336 R098679 R098979 R099527 S000050 S000188 S004118 S007446 S009123 S011152 ST00050 ST00188 ST04118 ST07446 ST09123 ST11152 TR98679 TR98979 TR99527) ++IF FMID(CC2D810) REQ(LU03335) . ++HOLD (LU03336) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21305) COMMENT (<table border="1"> <tr> <td>CA Management Services</td><td>Release 8.1</td></tr> </table> SEQUENCE After Apply. PURPOSE Copy the updated MOD@\$AM from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. USERS All users. AFFECTED KNOWLEDGE JCL customization. REQUIRED ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset.	CA Management Services	Release 8.1
CA Management Services	Release 8.1		

Service	Details
	<pre>5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$AM) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details										
LU03343	LU03343 M.C.S. ENTRIES = ++PTF (LU03343) RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG ENHANCEMENT DESCRIPTION: Modify significant NetMaster and SSI operational messages to appear in the system log. Examples are: * SD430xx messages, which relate to the improper application of CAS maintenance. * SSI error messages related to system APIs (SNANMI, IPSEC). * NetMaster errors related to system APIs (AOM, Session Awareness). * NCL process errors. * Messages related to short on storage conditions. * File error conditions such as file full or configuration errors. For a complete list go to /RW and generate a report where Report Appl is \$ADMS, Report Name is \$SUMMARY and the Test field (criteria) is &\$ms10wtomsg='YES' PRODUCT(S) AFFECTED: 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 SOLVE:FTS r12.2 Related Problem: NMS 15191 Copyright (C) 2021 CA. All rights reserved. R00645-NMS081-SP4 DESC(RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG). ++VER (Z038) FMID (CC2D811) PRE (LU01124 LU02257 LU02922 R092905 R093589 R093829 R093893 R094056 R094365 R095282 R096925 S000200 S000330 S001772 S001868 S004199 S004420 S004676 S004853 S005668 S006679 S006908 S007095 S007099 S007237 S009324 S010730 S011284 S011974 S012842 S012879 S013412 S013477 S013728 S014011 S014429 S015228 S015967 S015988 S016307) SUP (LT03343 S012542 ST03946 ST12542) ++IF FMID(CC17C20) REQ(LU03364) . ++IF FMID(CC2D810) REQ(LU03425) . ++IF FMID(CC11C20) REQ(LU03447) . ++HOLD (LU03343) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21321) COMMENT (<table border="1"> <tr> <td>CA Management Services</td><td>Release 8.1</td></tr> <tr> <td>SEQUENCE</td><td>After Apply.</td></tr> <tr> <td>PURPOSE</td><td>Copy the updated PAN@\$SY from the SMP/E target dataset into the product run-time PANLDIS VSAM dataset.</td></tr> <tr> <td>USERS</td><td>All users.</td></tr> <tr> <td>AFFECTED</td><td></td></tr> </table>	CA Management Services	Release 8.1	SEQUENCE	After Apply.	PURPOSE	Copy the updated PAN@\$SY from the SMP/E target dataset into the product run-time PANLDIS VSAM dataset.	USERS	All users.	AFFECTED	
CA Management Services	Release 8.1										
SEQUENCE	After Apply.										
PURPOSE	Copy the updated PAN@\$SY from the SMP/E target dataset into the product run-time PANLDIS VSAM dataset.										
USERS	All users.										
AFFECTED											

Service	Details
	<pre> KNOWLEDGE JCL customization. REQUIRED +-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region PANLDIS VSAM dataset. +-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 PANLDIS VSAM dataset. 4. Submit the modified JCL to update the product region PANLDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //PANLIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (PAN@\$SY) //PANLOUT DD DISP=SHR,DSN=&DSNPREF.PANLDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY PANELS INDD=PANLIN OUTDD=PANLOUT OPT=INSTALL //* +-----+ CA Management Services Release 8.1 +-----+ SEQUENCE After Apply. +-----+ PURPOSE Copy the updated MOD@\$SD from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE JCL customization. REQUIRED +-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP </pre>

Service	Details
	//STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$SD) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //* -----+ CA Management Services Release 8.1 -----+ SEQUENCE After Apply. -----+ PURPOSE Copy the updated MOD@\$NM from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. -----+ USERS All users. AFFECTED -----+ KNOWLEDGE JCL customization. REQUIRED -----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. -----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$NM) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //* -----+ CA Management Services Release 8.1 -----+ SEQUENCE After Apply. -----+ PURPOSE Copy the updated MOD\$\$\$\$ from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. -----+ USERS All users. AFFECTED -----+

Service	Details
	<pre> KNOWLEDGE JCL customization. REQUIRED +-----+-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$\$\$) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details																																		
LU03362	LU03362 M.C.S. ENTRIES = ++PTF (LU03362) SECONDARY AOMPROC GLOBAL CLEARED WITHOUT ANY NOTIFICATION PROBLEM DESCRIPTION: The Global Variable that identifies the NCLID of a user secondary AOMPROC, \$RMAOM2, is cleared by the primary AOMPROC if the secondary AOMPROC does not respond when a message is passed to it. The behaviour is correct, but no indication is given to the user of what has happened. SYMPTOMS: Global variable \$RMAOM2 is null. User secondary AOMPROC stops processing messages. IMPACT: Automation, dependent on the AOMPROC, is not performed. CIRCUMVENTION: Restart the secondary AOMPROC. 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 Related Problem: NMS 15096 Copyright (C) 2021 CA. All rights reserved. R00646-NMS081-SP4 DESC(SECONDARY AOMPROC GLOBAL CLEARED WITHOUT ANY NOTIFICATION). ++VER (Z038) FMID (CC2D811) PRE (R092905 S006597 S006679 S008089 S009414 S013457 S013728 S015797) SUP (LT03362 S000614 S001155 S007613 ST00614 ST01155 ST07613) ++HOLD (LU03362) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21306) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> CA Management Services</td><td>Release 8.1 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td><td> After Apply. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td><td> Copy the updated MOD@\$RM from the SMP/E target dataset </td> </tr> <tr> <td> </td><td> into the product run-time MODSDIS VSAM dataset. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td><td> All users. </td> </tr> <tr> <td> AFFECTED</td><td> </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td><td> JCL customization. </td> </tr> <tr> <td> REQUIRED</td><td> </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td><td> 1. Target libraries. </td> </tr> <tr> <td> REQUIRED</td><td> 2. Product region MODSDIS VSAM dataset. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> </table>)	+-----+		CA Management Services	Release 8.1	+-----+		SEQUENCE	After Apply.	+-----+		PURPOSE	Copy the updated MOD@\$RM from the SMP/E target dataset		into the product run-time MODSDIS VSAM dataset.	+-----+		USERS	All users.	AFFECTED		+-----+		KNOWLEDGE	JCL customization.	REQUIRED		+-----+		ACCESS	1. Target libraries.	REQUIRED	2. Product region MODSDIS VSAM dataset.	+-----+	
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Service	Details
LU03363	LU03363 M.C.S. ENTRIES = ++PTF (LU03363) STOPPING STATE OVERRIDES INACTIVE STATE SET BY EOM CONDITION PROBLEM DESCRIPTION: A Started Task resource set INACTIVE by an end of memory condition can have its state set to STOPPING by a delayed message processed after the end of memory condition. SYMPTOMS: INACTIVE resource returns to STOPPING state. IMPACT: Resource is in the wrong state with potential automation impact. CIRCUMVENTION: Use ASI command to force resource INACTIVE. 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 Related Problem: NMS 15037 Copyright (C) 2021 CA. All rights reserved. R00647-NMS081-SP4 DESC(STOPPING STATE OVERRIDES INACTIVE STATE SET BY EOM CONDITION). ++VER (Z038) FMID (CC2D811) PRE (LU00861 LU00902 S000791 S006679 S007506 S007770) SUP (LT01459 LT03363 LU01459 R094653 S015831 ST00582 ST15831 TR94653) ++HOLD (LU03363) SYSTEM FMID(CC2D811) REASON (ENH) DATE (21306) COMMENT (<pre> +-----+ CA NetMaster Management Services Release 7.1 +-----+ SEQUENCE After Apply +-----+ PURPOSE Stop unwanted state changes for resources. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE None. REQUIRED +-----+ ACCESS Region access to issue \$GLBL command if required. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** This PTF prevents resource state transitions that may occur out of order due to timing issues. </pre>

Service	Details
	The transitions that will be prevented are INACTIVE to STOPPING ACTIVE to STARTING These transitions will only be bypassed if they occur within a pre-defined interval. This interval is set by Global Variable \$RMTRINT and is measured in hundredths of a second. For example issuing \$GLBL \$RMTRINT 1000 would set the interval to ten seconds. The default value is 500 (five seconds). Setting the Global to zero disables this facility.).

Service	Details
LU03364	LU03364 M.C.S. ENTRIES = ++PTF (LU03364) RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG ENHANCEMENT DESCRIPTION: Modify significant NetMaster and SSI operational messages to appear in the system log. Examples are: * SD430xx messages, which relate to the improper application of CAS maintenance. * SSI error messages related to system APIs (SNANMI, IPSEC). * NetMaster errors related to system APIs (AOM, Session Awareness). * NCL process errors. * Messages related to short on storage conditions. * File error conditions such as file full or configuration errors. For a complete list go to /RW and generate a report where Report Appl is \$ADMS, Report Name is \$SUMMARY and the Test field (criteria) is &\$ms10wtomsg='YES' PRODUCT(S) AFFECTED: 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 SOLVE:FTS r12.2 Related Problem: NMS 15191 Copyright (C) 2021 CA. All rights reserved. R00645-NMS081-SP4 DESC(RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG). ++VER (Z038) FMID (CC17C20) PRE (R098092 S013733) SUP (LT03364 S000610 ST00610) ++IF FMID(CC2D810) REQ(LU03425) . ++IF FMID(CC11C20) REQ(LU03447) . ++IF FMID(CC2D811) REQ(LU03343) . ++HOLD (LU03364) SYSTEM FMID(CC17C20) REASON (ACTION) DATE (21321) COMMENT (+-----+

Service	Details
	<pre> ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC17VSMI (MOD@SRF) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details												
LU03379	LU03379 M.C.S. ENTRIES = ++PTF (LU03379) UNABLE TO LINK REGIONS AS FOCALS PROBLEM DESCRIPTION: Attempts to link two regions as focals fail. SYMPTOMS: The following messages appear in the Activity Log: N89B01 &NDBFMT - NDB RAMDB NOT OPEN. N23610 PROCEDURE \$RMSY02S NCLID nnnnnn IN ERROR, STMT NO: LNE01216 &NDBFMT RAMDB DEFINE FORMAT=ALLFIELD DATA ALL-FIELDS N23601 \$RMSY02S PROCESSING TERMINATED DUE TO ERROR. NCLID nnnnnn IMPACT: Regions are not able to be linked together. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA SOLVE:Operations Automation r11.9</td><td>Release 7.1</td></tr> <tr> <td>CA SOLVE:Operations Automation for CICS r11.9</td><td>Release 7.1</td></tr> <tr> <td>CA NetMaster Network Management for TCP/IP r12.2</td><td>Release 8.1</td></tr> <tr> <td>CA NetMaster Network Management for SNA r12.2</td><td>Release 8.1</td></tr> <tr> <td>CA NetMaster File Transfer Management r12.2</td><td>Release 8.1</td></tr> <tr> <td>CA NetMaster Network Automation r12.2</td><td>Release 8.1</td></tr> </table> Related Problem: NMS 15235 Copyright (C) 2021 CA. All rights reserved. R00649-NMS081-SP4 DESC(UNABLE TO LINK REGIONS AS FOCALS). ++VER (Z038) FMID (CC2D811) PRE (S006679) SUP (LT02900 LT03379 LU02900 S011332 ST11332)	CA SOLVE:Operations Automation r11.9	Release 7.1	CA SOLVE:Operations Automation for CICS r11.9	Release 7.1	CA NetMaster Network Management for TCP/IP r12.2	Release 8.1	CA NetMaster Network Management for SNA r12.2	Release 8.1	CA NetMaster File Transfer Management r12.2	Release 8.1	CA NetMaster Network Automation r12.2	Release 8.1
CA SOLVE:Operations Automation r11.9	Release 7.1												
CA SOLVE:Operations Automation for CICS r11.9	Release 7.1												
CA NetMaster Network Management for TCP/IP r12.2	Release 8.1												
CA NetMaster Network Management for SNA r12.2	Release 8.1												
CA NetMaster File Transfer Management r12.2	Release 8.1												
CA NetMaster Network Automation r12.2	Release 8.1												

Service	Details
LU03393	LU03393 M.C.S. ENTRIES = ++PTF (LU03393) RFFTMON05 THE ACTIVE FILE TRANSFER MONITOR TABLE SIZE LIMIT PROBLEM DESCRIPTION: The Active File Transfer Monitor continuously logs warning messages to the Activity Log. SYMPTOMS: The following message appears excessively in the NetMaster Activity Log during a burst of file transfers: RFFTMON05 The Active File Transfer Monitor table size limit of 1024 has been exceeded. IMPACT: The Activity Log contains messages that are of no value to a user. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster File Transfer Management r12.2 Related Problem: NMS 15137 Copyright (C) 2021 CA. All rights reserved. R00651-NMS081-SP4 DESC(RFFTMON05 THE ACTIVE FILE TRANSFER MONITOR TABLE SIZE LIMIT). ++VER (Z038) FMID (CC17C20) SUP (LT03393)

Service	Details
LU03425	LU03425 M.C.S. ENTRIES = ++PTF (LU03425) RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG ENHANCEMENT DESCRIPTION: Modify significant NetMaster and SSI operational messages to appear in the system log. Examples are: * SD430xx messages, which relate to the improper application of CAS maintenance. * SSI error messages related to system APIs (SNANMI, IPSEC). * NetMaster errors related to system APIs (AOM, Session Awareness). * NCL process errors. * Messages related to short on storage conditions. * File error conditions such as file full or configuration errors. For a complete list go to /RW and generate a report where Report Appl is \$ADMS, Report Name is \$SUMMARY and the Test field (criteria) is &\$ms10wtomsg='YES' PRODUCT(S) AFFECTED: 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 SOLVE:FTS r12.2 Related Problem: NMS 15191 Copyright (C) 2021 CA. All rights reserved. R00645-NMS081-SP4 DESC(RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG). ++VER (Z038) FMID (CC2D810) PRE (SO00329) SUP (LT03425 R093288 TR93288) ++IF FMID(CC17C20) REQ(LU03364) . ++IF FMID(CC11C20) REQ(LU03447) . ++IF FMID(CC2D811) REQ(LU03343) .

Service	Details
LU03447	LU03447 M.C.S. ENTRIES = ++PTF (LU03447) RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG ENHANCEMENT DESCRIPTION: Modify significant NetMaster and SSI operational messages to appear in the system log. Examples are: * SD430xx messages, which relate to the improper application of CAS maintenance. * SSI error messages related to system APIs (SNANMI, IPSEC). * NetMaster errors related to system APIs (AOM, Session Awareness). * NCL process errors. * Messages related to short on storage conditions. * File error conditions such as file full or configuration errors. For a complete list go to /RW and generate a report where Report Appl is \$ADMS, Report Name is \$SUMMARY and the Test field (criteria) is &\$ms10wtomsg='YES' PRODUCT(S) AFFECTED: 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 SOLVE:FTS r12.2 Related Problem: NMS 15191 Copyright (C) 2021 CA. All rights reserved. R00645-NMS081-SP4 DESC(RECORD SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01517 LU01708 LU02086 LU02511 LU02699 LU03177 R092903 R093648 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S004418 S004784 S005039 S005122 S005667 S006076 S006145 S006567 S006853 S007269 S008004 S008206 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015249 S015836 S015985 S016115 S016313) SUP (LT03447 R094555 S005180 S016003 S016299 ST05180 ST07272 ST16003 ST16299 TR94553 TR94555) ++IF FMID(CC17C20) REQ(LU03364) . ++IF FMID(CC2D810) REQ(LU03425) . ++IF FMID(CC2D811) REQ(LU03343) . ++HOLD (LU03447) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (21321) COMMENT (+-----+ CA NetMaster Network Management for TCP/I

Service	Details
	<pre> +-----+-----+ USERS All users. AFFECTED +-----+-----+ KNOWLEDGE JCL customization. REQUIRED +-----+-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC11VSMI (MOD@\$IP) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*). </pre>

Service	Details
LU03465	LU03465 M.C.S. ENTRIES = ++PTF (LU03465) NMSSI ABEND SOC4 NM000FT5+4A PROBLEM DESCRIPTION: The SSI region Packet Analyzer subtask terminates abnormally with ABEND S-0C4 when the UDP Connection Record Scavenger attempts to cleanup UDP connections during a SSI shutdown. SYMPTOMS: The subtask ABENDs and the following messages are written to the JES message log: *NZ8601 NMSSI ABEND S-0C4 JN=jobname DT=yyyyddd TM=hhmmssstt *NZ8602 SRC=AB PRD=NMSSI VRS=V8.1 PUT=1904 ABC=S-0C4 *NZ8603 ALM=NMSSI057 ALO=0008B172 ACS=NM000FT5 ACO=0000004A IMPACT: The SSI region terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 15311 Copyright (C) 2021 CA. All rights reserved. R00652-NMS081-SP4 DESC(NMSSI ABEND SOC4 NM000FT5+4A). ++VER (Z038) FMID (CC2D810) SUP (LT03465)

Service	Details
LU03535	LU03535 M.C.S. ENTRIES = ++PTF (LU03535) SMF89 PRODUCT VERSION INCORRECT/MISSING PROBLEM DESCRIPTION: The SMF 89 record that reports product usage does not contain the product version number or it reports an incorrect version. SYMPTOMS: SCRT reports contain products with **.**,** or a version that is the management services delivery level (08.01.00) instead of a product version (12.02.00). IMPACT: SMF reporting is inaccurate for product usage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 NetMaster File Transfer Management r12.2 NetMaster Network Management for SNA r12.2 NetMaster Network Automation r12.2 SOLVE:FTS r12.2 SOLVE:Operations Automation r11.9 SOLVE:Operations Automation for CICS r11.9 SOLVE:Access Session Management r5.0 Related Problem: NMS 15373 Copyright (C) 2021 CA. All rights reserved. R00654-NMS081-SP4 DESC(SMF89 PRODUCT VERSION INCORRECT/MISSING). ++VER (Z038) FMID (CC2D811) PRE (LU00590 LU02257 LU02922 LU03343 R092905 R093589 R093829 R094365 R095282 R096925 S000200 S000330 S001772 S004420 S004853 S005668 S007095 S007099 S009324 S011284 S013477 S014011 S014429 S015988 S016307) SUP (LT03535 S012542 ST03946 ST12542) ++HOLD (LU03535) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21327) COMMENT (+-----+ Unicenter NetMaster Management Services Release 8.1 +-----+ SEQUENCE After Apply. +-----+ PURPOSE Copy the updated MOD@\$\$\$ from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE JCL customization. REQUIRED +-----+ ACCESS 1. Target libraries.

Service	Details
	<pre> REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below 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 VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$\$\$) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*) . </pre>

Service	Details																																										
LU03668	LU03668 M.C.S. ENTRIES = ++PTF (LU03668) FIND FUNCTION IN SELECTION LISTS MISSES RECORDS PROBLEM DESCRIPTION: When using the find (F) function in some selection lists a matching record may be missed if it occurs on a boundary e.g. the 501st record SYMPTOMS: The find function ends and displays one of the following messages: SL0017 ddd records searched - press 'FIND' to continue search OR SL0023 Bottom of data reached IMPACT: The desired record is not found. CIRCUMVENTION: Scroll the list one line forward and press F5 TWICE. 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 Related Problem: NMS 15447 Copyright (C) 2021 CA. All rights reserved. R00655-NMS081-SP4 DESC(FIND FUNCTION IN SELECTION LISTS MISSES RECORDS) . ++VER (Z038) FMID (CC2D811) PRE (R097240 S010730 S016153) SUP (LT03668 ST16118) <table><tr><td>MCS</td><td>LU02922</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU03335</td><td>STARTS ON PAGE 0004</td></tr><tr><td>MCS</td><td>LU03336</td><td>STARTS ON PAGE 0004</td></tr><tr><td>MCS</td><td>LU03343</td><td>STARTS ON PAGE 0006</td></tr><tr><td>MCS</td><td>LU03362</td><td>STARTS ON PAGE 0011</td></tr><tr><td>MCS</td><td>LU03363</td><td>STARTS ON PAGE 0013</td></tr><tr><td>MCS</td><td>LU03364</td><td>STARTS ON PAGE 0014</td></tr><tr><td>MCS</td><td>LU03379</td><td>STARTS ON PAGE 0016</td></tr><tr><td>MCS</td><td>LU03393</td><td>STARTS ON PAGE 0017</td></tr><tr><td>MCS</td><td>LU03425</td><td>STARTS ON PAGE 0017</td></tr><tr><td>MCS</td><td>LU03447</td><td>STARTS ON PAGE 0018</td></tr><tr><td>MCS</td><td>LU03465</td><td>STARTS ON PAGE 0020</td></tr><tr><td>MCS</td><td>LU03535</td><td>STARTS ON PAGE 0021</td></tr><tr><td>MCS</td><td>LU03668</td><td>STARTS ON PAGE 0023</td></tr></table>	MCS	LU02922	STARTS ON PAGE 0002	MCS	LU03335	STARTS ON PAGE 0004	MCS	LU03336	STARTS ON PAGE 0004	MCS	LU03343	STARTS ON PAGE 0006	MCS	LU03362	STARTS ON PAGE 0011	MCS	LU03363	STARTS ON PAGE 0013	MCS	LU03364	STARTS ON PAGE 0014	MCS	LU03379	STARTS ON PAGE 0016	MCS	LU03393	STARTS ON PAGE 0017	MCS	LU03425	STARTS ON PAGE 0017	MCS	LU03447	STARTS ON PAGE 0018	MCS	LU03465	STARTS ON PAGE 0020	MCS	LU03535	STARTS ON PAGE 0021	MCS	LU03668	STARTS ON PAGE 0023
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MCS	LU03668	STARTS ON PAGE 0023																																									

NetMaster 12.2
CA RS 2112 Product/Component Listing

Product Family	Product	Release
Networking	CA NETMASTER FILE TRANSFER MANAGEMENT	12.02.00
	CA NETMASTER NETWORK AUTOMATION	12.02.00
	CA NETMASTER NETWORK MANAGEMENT FOR SNA	12.02.00
	CA NETMASTER NETWORK MANAGEMENT FOR TCP/IP	12.02.00
	CA SOLVE:FTS	12.02.00
	CA NETMASTER REPORTCENTER	08.01.00
Systems Management	CA SOLVE SSI	08.01.00
The CA RS 2112 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2112	LU03668	CC2D811
	LU03535	CC2D811
	LU03465	CC2D810
	LU03447	CC11C20
	LU03425	CC2D810
	LU03393	CC17C20
	LU03379	CC2D811
	LU03364	CC17C20
	LU03363	CC2D811
	LU03362	CC2D811
	LU03343	CC2D811
	LU03336	CC2D811
	LU03335	CC2D810
	LU02922	CC2D811
	LU03320	CC2D811
	LU03311	CC2D811
	LU03196	CC11C20
CAR2111	LU03177	CC11C20
	LU03140	CC11C20
	LU03111	CC17C20
	LU03052	CC2D811
	LU02951	CC2D811
	LU02851	CC2D811
	LU02615	CC2D811
	SO13780	CC2D811
	LU02961	CC2D811
	LU02950	CC2D811
CAR2110	LU02900	CC2D811
	LU02872	CC2D811
	LU02839	CC2D811
	LU02798	CC2D811
	LU02761	CC2D811
	LU02701	CC2D811
	LU02700	CC2D810
	LU02699	CC11C20
	LU02618	CC2D811
	LU02526	CC2D811
	LU02558	CC2D810
	LU02511	CC11C20
	LU02415	CC2D811
CAR2109	LU02369	CC18C20
	LU02257	CC2D811
	LU02256	CC2D810
	LU02255	CC11C20
	LU02172	CC2D811
	LU02135	CC17C20
	LU01947	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	LU01519	CC2D811
	LU01518	CC2D810
	LU01517	CC11C20
CAR2108	LU02086	CC11C20
	LU01945	CC2D811
	LU00966	CC2D811
	LU00965	CC2D810
	LU00920	CC11C20
CAR2107	LU01763	CC2D811
	LU01708	CC11C20
	LU01607	CC11C20
	LU01458	CC11C20
	LU01414	CC2D811
	LU01402	CC2D811
	LU01220	CC2D810
	LU01020	CC2D811
	LU00860	CC2D811
CAR2106	LU01461	CC2D811
	LU01459	CC2D811
	LU01363	CC2D811
	LU01299	CC11C20
	LU01124	CC2D811
	LU01029	CC2AC20
	LU00889	CC2D811
	LU00870	CC11C20
CAR2105	LU01003	CC2D810
	LU00955	CC2D811
	LU00902	CC2D811
	LU00880	CC2D811
	LU00872	CC2D811
	LU00861	CC2D811
	LU00840	CC2D811
	LU00770	CC2D811
	LU00721	CC2D811
	LU00622	CC2D811
	LU00590	CC2D811
	LU00298	CC11C20
CAR2104	LU00691	CC2D811
	LU00690	CC11C20
	LU00501	CC2D811
	LU00355	CC2D811
	LU00322	CC2D810
CAR2103	SO16332	CC2D811
	SO16315	CC2D810
	SO16314	CC2D810
	SO16313	CC11C20
	SO16307	CC2D811

CA RS Level	Service	FMID
	S016299	CC11C20
	S016279	CC2D811
	S016068	CC2D811
	S015812	CC2D810
	S015811	CC11C20
	S012879	CC2D811
CAR2102	S016220	CC11C20
	S016153	CC2D811
	S016129	CC11C20
	S016123	CC2D811
	S016115	CC11C20
CAR2101	S016003	CC11C20
	S015988	CC2D811
	S015987	CC2AC20
	S015986	CC17C20
	S015985	CC11C20
	S015968	CDEMC20
	S015967	CC2D811
	S015966	CC2D810
	S015837	CC2D811
	S015836	CC11C20
	S015831	CC2D811
	S015797	CC2D811
	S015795	CC2D811
	S015674	CC11C20
	S015626	CC2D811
	S014968	CC2D811
CAR2012	S015576	CC2D811
	S015535	CC2D811
	S015495	CC11C20
	S015380	CC2D811
	S015355	CC2D811
	S014743	CC18C20
	S014728	CC18C20
CAR2011	S015334	CC2D811
	S015275	CC2D810
	S015250	CC2D811
	S015249	CC11C20
	S015228	CC2D811
	S015227	CC11C20
	S015217	CC2D811
	S015192	CC11C20
	S015177	CC11C20
	S015176	CC11C20
	S015098	CC2D811
	S015096	CC2D811
	S015088	CC11C20

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2010	S014907	CC17C20
	S014906	CC11C20
	S014890	CC2D811
	S014855	CC2D810
	S014697	CC11C20
	S014612	CC11C20
CAR2009	S014546	CC2D811
	S014469	CC2D811
	S014439	CC11C20
	S014431	CC2D811
	S014429	CC2D811
	S014398	CC2D811
	S014384	CC11C20
	S014344	CC2D811
	S014339	CC11C20
	S014301	CC2D811
	S014253	CC2D811
	S014250	CC2D811
	S014248	CC2D811
	S014247	CC11C20
	S014011	CC2D811
	S014010	CC11C20
	S014196	CC2D811
	S014195	CC2D811
	S014170	CC2D811
	S014152	CC11C20
CAR2008	S014120	CC2D811
	S014119	CC11C20
	S014118	CC2D811
	S014074	CC11C20
	S014044	CC2D811
	S013972	CC2D811
	S013929	CC2D810
	S013866	CC11C20
	S013733	CC17C20
	S013728	CC2D811
	S013703	CC18C20
	S013457	CC2D811
	S013692	CC2D811
	S013691	CC2D810
	S013579	CC2D811
CAR2007	S013563	CC2D810
	S013546	CC2D811
	S013477	CC2D811
	S013476	CC2D810
	S013433	CC2D811
	S013412	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	S013372	CC2D811
	S013371	CC11C20
	S012143	CC2D810
CAR2006	S013257	CC2D811
	S013256	CC2D810
	S013255	CC11C20
	S013252	CC2D811
	S013251	CC11C20
	S013244	CC11C20
	S013220	CC2D811
	S013201	CC11C20
	S013148	CC11C20
	S013113	CC2D811
	S013047	CC11C20
	S013043	CC2D811
	S012993	CC2D811
	S012842	CC2D811
	S012840	CC11C20
CAR2005	S012955	CC2D811
	S012918	CC2D810
	S012886	CC2D811
	S012885	CC2D810
	S012855	CC2D811
	S012839	CC2D811
	S012704	CC2D811
	S012615	CC2D811
	S012602	CC2D811
	S012584	CC2D811
	S012583	CC11C20
	S012542	CC2D811
CAR2004	S012519	CC11C20
	S012514	CC11C20
	S012510	CC2D811
	S012466	CC2D811
	S012384	CC2D811
	S012370	CC2D811
	S012335	CC2D811
	S012284	CC11C20
	S012188	CC2D810
	S012167	CC2D811
	S012144	CC2D811
	S012121	CC2D811
CAR2003	S012070	CC11C20
	S012035	CC2D811
	S012034	CC2D811
	S012033	CC2D810
	S012032	CC11C20

CA RS Level	Service	FMID
	S012030	CC11C20
	S011991	CC2D811
	S011974	CC2D811
	S011922	CC11C20
	S011850	CC11C20
	S011536	CC2D811
	S011535	CC11C20
CAR2002	S011493	CC11C20
	S011463	CC2D811
	S011462	CC2D810
	S011442	CC11C20
	S011381	CC2D811
	S011332	CC2D811
	S010322	CC11C20
CAR2001	S011284	CC2D811
	S011283	CC2D810
	S011266	CC2D810
	S011216	CC11C20
	S011152	CC2D811
	S011008	CC18C20
CAR1912	S010961	CC2AC20
	S010954	CC2D811
	S010892	CC2D811
	S010850	CC11C20
	S010844	CC2D811
	S010833	CC11C20
	S010730	CC2D811
	S010605	CC18C20
	S010524	CC11C20
CAR1911	S010603	CC2D811
	S010551	CC2D811
	S010550	CC2D810
	S010259	CC2D811
	S010252	CC2D811
	S010213	CC2D811
	S010212	CC11C20
	S010152	CC2D810
	S009719	CC2D811
CAR1910	S010138	CC2D811
	S010121	CC2D811
	S010120	CC11C20
	S010079	CC11C20
	S009971	CC2D811
	S009968	CC2D811
	S009967	CC2D810
	S009966	CC11C20
	S009951	CC11C20

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CA RS Level	Service	FMID
	S009882	CC2D811
	S009841	CC2D811
	S009834	CC2D811
	S009807	CC11C20
	S009775	CC11C20
	S009324	CC2D811
	S009323	CC2D810
	S008493	CC18C20
CAR1909	S009755	CC11C20
	S009641	CC2D811
	S009623	CC2D811
	S009577	CC2D811
	S009567	CC2D811
	S009566	CC11C20
	S009553	CC2D811
	S009548	CC11C20
	S009541	CC11C20
	S009499	CC11C20
	S009480	CC2D810
	S009442	CC11C20
	S009414	CC2D811
CAR1908	S009441	CC2D811
	S009368	CC11C20
	S009298	CC11C20
	S009276	CC11C20
	S009255	CC2D811
	S009123	CC2D811
	S009076	CC11C20
CAR1907	S009077	CC11C20
	S008882	CC2D811
	S008877	CC2D811
	S008821	CC2D811
	S008702	CC2D811
	S008692	CC2D811
	S008562	CC2D811
CAR1906	S008546	CC2D811
	S008509	CC2D811
	S008508	CC11C20
	S008492	CC2D811
	S008483	CC11C20
	S008463	CC2D811
	S008461	CC11C20
	S008411	CC2D810
	S008265	CC2D811
	S008260	CC11C20
	S008238	CC2D811
	S008206	CC11C20

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CA RS Level	Service	FMID
CAR1905	S008103	CC2D811
	S008089	CC2D811
	S008087	CC11C20
	S008064	CC17C20
	S008050	CC11C20
	S008004	CC11C20
	S008001	CC2D811
	S007998	CC2D811
CAR1904	S007781	CC2D811
	S007770	CC2D811
	S007708	CC2D810
	S007664	CC2D811
	S007613	CC2D811
	S007603	CC11C20
	S007599	CC2D811
	S007528	CC2D811
	S007505	CC11C20
	S007504	CC11C20
	S007313	CC2D810
	S007278	CC11C20
	S007270	CC2D810
	S007269	CC11C20
	S007099	CC2D811
	S007095	CC2D811
	S007094	CC2D810
CAR1903	S007516	CC2D810
	S007506	CC2D811
	S007469	CC2D811
	S007446	CC2D811
	S007443	CC2D811
	S007410	CC2D811
	S007368	CC2D810
	S007333	CC2D811
	S007072	CC2D811
	S006976	CC11C20
	S006917	CC18C20
	S006908	CC2D811
	S006570	CC2D811
CAR1902	S006997	CC2D811
	S006982	CC11C20
	S006893	CC2D811
	S006853	CC11C20
	S006849	CC11C20
	S006814	CC2D811
	S006806	CC17C20
	S006765	CC2D811
	S006764	CC2D810

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CA RS Level	Service	FMID
CAR1901	S006679	CC2D811
	S006597	CC2D811
	S006567	CC11C20
	S006561	CC11C20
	S006415	CC2D810
	S006414	CC11C20
	S006406	CC11C20
	S006222	CC2D811
	S006145	CC11C20
	S006141	CC2D811
	S006478	CC2D811
	S006416	CC2D811
	S006367	CC2AC20
CAR1812	S006267	CC2D811
	S006266	CC11C20
	S006209	CC11C20
	S006201	CC11C20
	S006181	CC11C20
	S006171	CC11C20
	S006169	CC11C20
	S006144	CC2D811
	S006082	CC2D811
	S006076	CC11C20
	S006008	CC2D811
	S005937	CC2D811
	S004962	CC2D810
CAR1811	S006043	CC2D811
	S006002	CC2AC20
	S005983	CC2D811
	S005946	CC11C20
	S005926	CC2D811
	S005920	CC11C20
	S005914	CC2D811
	S005907	CC2D811
	S005748	CC2D811
	S005702	CC2D811
	S005701	CC11C20
	S005698	CC2D810
	S005668	CC2D811
CAR1810	S005667	CC11C20
	S005655	CC11C20
	S005566	CC2D811
	S005537	CC2D811
	S005416	CC2D811
	S005390	CC2D811
	S005347	CC2D811
	S005287	CC2D811

CA RS Level	Service	FMID
	S005180	CC11C20
	S005123	CC2D811
	S005122	CC11C20
	S004786	CC2D811
CAR1809	S005174	CC2D811
	S005039	CC11C20
	S004922	CC2D810
	S004909	CC2D810
	S004901	CC2D811
	S004853	CC2D811
	S004852	CC11C20
	S004787	CC2D811
	S004784	CC11C20
	S004420	CC2D811
	S004419	CC2D810
	S004418	CC11C20
CAR1808	S004676	CC2D811
	S004562	CC2D810
	S004556	CC2D811
	S004517	CC2D811
	S004449	CC11C20
	S004365	CC2D811
	S004314	CC11C20
	S004290	CC2D810
	S004199	CC2D811
	S004185	CC11C20
	S004160	CC2D811
	S004118	CC2D811
	S001772	CC2D811
	S001771	CC2D810
CAR1807	S004178	CC11C20
	S003897	CC2D811
	S003840	CC2D811
	S001392	CC2D811
CAR1806	S003728	CC2D811
	S003720	CC2D811
	S003719	CC11C20
	S001885	CC11C20
	S001868	CC2D811
	S001781	CC2D811
	S001779	CC2D811
	S001773	CC11C20
	S001455	CC2D811
CAR1805	S001333	CC2D810
	S001309	CC2D811
	S001155	CC2D811
	S001106	CC2D811

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CA RS Level	Service	FMID
	S001067	CC2D810
CAR1804	S001047	CC2D811
	S001024	CC2D811
	S001023	CC2D810
	S000851	CC2D811
	S000837	CC2D811
	S000825	CC2D811
	S000791	CC2D811
	S000789	CC2D811
	S000689	CC11C20
	S000665	CC2D811
	S000614	CC2D811
	S000612	CC2D811
	S000611	CC2D810
CAR1803	S000686	CC2D811
	S000610	CC17C20
	S000554	CC2D811
	S000521	CC18C20
	S000482	CC2D811
	S000471	CC2D811
	S000453	CDEMC20
	S000430	CC2D811
	S000416	CC2D811
	S000415	CC11C20
	S000357	CC2D811
	S000350	CC2D811
	S000330	CC2D811
	S000329	CC2D810
	S000328	CC11C20
	S000208	CC2D811
	S000200	CC2D811
	S000199	CC2D810
	S000188	CC2D811
	S000121	CC2D811
	R099957	CC2D811
CAR1802	S000085	CC11C20
	S000069	CC2D811
	S000053	CC11C20
	S000050	CC2D811
	R099982	CC2D811
	R099970	CC11C20
	R099727	CC2D811
	R099633	CC2D811
	R099615	CC2D811
	R099594	CC11C20
	R099097	CC2D81R
CAR1801	R099630	CC2D811

CA RS Level	Service	FMID
	R099583	CC2D811
	R099527	CC2D811
	R099510	CC11C20
	R099508	CC11C20
	R099429	CC11C20
	R099264	CC2D811
	R099245	CC2D811
	R099127	CC2D811
	R099126	CC11C20
CAR1712	R099185	CC11C20
	R098979	CC2D811
	R098947	CC2D811
	R098905	CC11C20
	R098874	CC2D811
	R098847	CC2D811
	R098761	CC11C20
	R098724	CC2D811
CAR1711	R098750	CC2D811
	R098721	CC2D811
	R098679	CC2D811
	R098612	CC11C20
	R098588	CC11C20
	R098524	CC11C20
	R098480	CC2D811
	R098400	CC11C20
	R098351	CC2D811
	R098308	CC11C20
	R098296	CC2D811
	R098295	CC11C20
	R098237	CC2D811
	R098230	CC2D810
	R098217	CC2D811
	R098216	CC11C20
	R098214	CC2D811
	R098166	CC11C20
	R098054	CC2D811
	R097959	CC2D811
	R097845	CC2D811
	R097098	CC2D810
	R096699	CC2D810
	R094139	CC11C20
CAR1710	R098093	CC2D811
	R098092	CC17C20
	R098065	CC2D811
	R097860	CC2D811
	R097840	CC2D810
	R097768	CC2D811

CA RS Level	Service	FMID
	R097748	CC2D811
	R097732	CC2D810
	R097119	CC2D810
CAR1709	R097653	CC2D811
	R097641	CC2D810
	R097609	CC2D811
	R097377	CC11C20
	R097359	CC2D810
	R097279	CC2D811
	R097240	CC2D811
	R097239	CC11C20
	R096995	CC2D811
	R096925	CC2D811
	R096733	CC11C20
	R095282	CC2D811
CAR1708	R097261	CC11C20
	R096837	CC11C20
	R096710	CC2D811
	R096709	CC17C20
	R096708	CC11C20
	R096703	CC11C20
CAR1707	R096650	CC2D811
	R096380	CC2D810
	R096379	CC2D811
	R096378	CC11C20
CAR1706	R096058	CC2D811
	R095472	CC18C20
	R095433	CC2D811
CAR1705	R095759	CC2D811
	R095430	CC2D811
	R095313	CC2D810
	R094634	CC18C20
CAR1704	R095221	CC2D811
	R095172	CC11C20
	R094983	CC2D811
	R094942	CC2D811
	R094940	CC2D810
	R094919	CC11C20
	R094885	CC11C20
	R094828	CC11C20
	R094653	CC2D811
	R094545	CC2D811
CAR1703	R094555	CC11C20
	R094546	CC18C20
	R094484	CC2D811
	R094483	CC11C20
	R094445	CC2D810

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CA RS Level	Service	FMID
	R094411	CC2D810
	R094382	CC2D810
	R094365	CC2D811
	R094350	CC2D811
	R094310	CC2D811
	R094278	CC11C20
	R093966	CC2D811
	R093965	CC17C20
CAR1702	R094137	CC2D811
	R094081	CC2D811
	R094056	CC2D811
	R094026	CC17C20
	R093974	CC2D810
	R093936	CC11C20
	R093893	CC2D811
	R093887	CC2D811
	R093829	CC2D811
	R093828	CC2D810
	R093648	CC11C20
CAR1701	R093589	CC2D811
	R093546	CC2D811
	R093539	CC11C20
	R093538	CC11C20
	R093476	CC2D811
	R093288	CC2D810
CAR1612	R093308	CC2D810
	R093195	CC2D810
	R093074	CC2D811
	R092957	CC2D811
	R092956	CC2D810
	R092955	CC2D810
	R092907	CC2D811
	R092906	CC2D810
	R092905	CC2D811
	R092904	CC2D810
	R092903	CC11C20