

NetMaster 12.2
CA RS 2110 Service List

1

Service	Description	Type
LU02526	ABEND S-OC6 USING SYSPARMS STGWRN/STGWRNXA	PTF
LU02618	MODSFILES PARAMETER GROUP DISPLAYS INSUFFICIENT DETAILS	PTF
LU02699	SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET	PTF
LU02700	SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET	PTF
LU02701	SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET	PTF
LU02761	\$RMTM00S PROCESSING TERMINATED DUE TO ERROR	PTF
LU02798	REMOVE OBSOLETE PRINTER \$PSPCS	PTF
LU02839	ABEND 015-02 AFTER LINK START BEFORE ACB OPEN	PTF
LU02872	ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF + HOLDDATA	** PRP **
LU02900	RECORD COUNT WHEN LINKING A SUBORDINATE IS INCORRECT	PTF
LU02950	RECORDS TOO LARGE TO TRANSMIT DURING SYNCHRONISATION	PTF
LU02961	SHUTSYS COMMAND HANGS SESSION	PTF
SO13780	ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF	PTF
The CA RS 2110 service count for this release is 13		

NetMaster
CA RS 2110 Service List for CC11C20

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FMID	Service	Description	Type
CC11C20	LU02699	SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET	PTF
The CA RS 2110 service count for this FMID is 1			

NetMaster
CA RS 2110 Service List for CC2D810

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FMID	Service	Description	Type
CC2D810	LU02700	SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET	PTF
The CA RS 2110 service count for this FMID is 1			

NetMaster
CA RS 2110 Service List for CC2D811

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FMID	Service	Description	Type
CC2D811	LU02526	ABEND S-0C6 USING SYSPARMS STGWRN/STGWRNXA	PTF
	LU02618	MODSFILES PARAMETER GROUP DISPLAYS INSUFFICIENT DETAILS	PTF
	LU02701	SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET	PTF
	LU02761	\$RMTM00S PROCESSING TERMINATED DUE TO ERROR	PTF
	LU02798	REMOVE OBSOLETE PRINTER \$SPSCS	PTF
	LU02839	ABEND 015-02 AFTER LINK START BEFORE ACB OPEN	PTF
	LU02872	ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF + HOLDDATA	** PRP **
	LU02900	RECORD COUNT WHEN LINKING A SUBORDINATE IS INCORRECT	PTF
	LU02950	RECORDS TOO LARGE TO TRANSMIT DURING SYNCHRONISATION	PTF
	LU02961	SHUTSYS COMMAND HANGS SESSION	PTF
	SO13780	ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF	PTF
The CA RS 2110 service count for this FMID is 11			

Service	Details
LU02526	LU02526 M.C.S. ENTRIES = ++PTF (LU02526) ABEND S-OC6 USING SYSPARMS STGWRN/STGWRNXA PROBLEM DESCRIPTION: When the storage threshold for SYSPARMS STGWRN/STGWRNXA is exceeded a bad branch using R10 occurs after the WTO is issued. SYMPTOMS: After the N01801 WTO is issued the region abends with a SOC6 or SOC4. The system log contains N01801 *** WARNING *** STORAGE BELOW 16M IS ABOVE LIMIT, CURRENT STORAGE=nnnnnnnnK N01101 NetMaster ABEND S-OC6 ID=IIIIIIII JN=JJJJJJ DT=YYYYDD TM=HHMMSS N01102 SRC=AB PRD=NetMaster INTLVL=vvrmm SP=00 ABC=S-OC6 N01103 LLM=NM001 LCS=NM000018 N01104 R0-R3 0000001E 4D2CA9B5 00000000 00001000 N01104 R4-R7 00000065 00000000 000C5000 0000030B N01104 R8-R11 00000000 0000001E 4D2CA9B5 00024F38 N01104 R12-R15 00008000 0005C200 0000030B 000C5000 IMPACT: The region terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Access Session Management r5.0 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 14435 Copyright (C) 2021 CA. All rights reserved. R00617-NMS081-SP4 DESC (ABEND S-OC6 USING SYSPARMS STGWRN/STGWRNXA) . ++VER (Z038) FMID (CC2D811) SUP (LT02306 LT02503 LT02526)

Service	Details
LU02618	LU02618 M.C.S. ENTRIES = ++PTF (LU02618) MODSFILES PARAMETER GROUP DISPLAYS INSUFFICIENT DETAILS PROBLEM DESCRIPTION: When the MODSFILES parameter group is actioned it displays very little information regarding the files that have been allocated. SYMPTOMS: The Activity Log and the Initialization Log display messages such as ADDF11 MODS library=MODSDIS defined as the only indication of the files allocated to MODS. IMPACT: It is not immediately clear which files have been allocated. CIRCUMVENTION: Issue SH ALLOC=MOD* to check on the MODS files. 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 14655 Copyright (C) 2021 CA. All rights reserved. R00623-NMS081-SP4 DESC(MODSFILES PARAMETER GROUP DISPLAYS INSUFFICIENT DETAILS). ++VER (Z038) FMID (CC2D811) PRE (R093893 R094056 R096710 S000416 S004786 S005287 S006679 S006908 S007237 S010730 S014011 S014429 S015228) SUP (LT02581 LT02605 LT02618 S007528 ST07528)

Service	Details														
LU02699	LU02699 M.C.S. ENTRIES = ++PTF (LU02699) SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET ENHANCEMENT DESCRIPTION: SmartTrace is enhanced to provide an option that limits the size a packet collected in a packet trace. The following areas have been updated: - SSI Parmeters added: PATPSZLIM - DEFAULT TRACE PACKET SIZE LIMIT PAMTPSZLIM - MAXIMUM TRACE PACKET SIZE LIMIT - /PARMS SMARTTRACE and /SMART Trace Definitions Trace Options panels have new 'Packet Size Limit' field No action is required to continue to use current default value of 1920. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 14648 Copyright (C) 2021 CA. All rights reserved. R00624-NMS081-SP4 DESC (SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01517 LU01708 LU02086 LU02255 LU02511 R092903 R093648 R094555 R094885 R096378 R096703 R096837 R097239 R098166 R099126 R099429 S000085 S000328 S004314 S004418 S004784 S005039 S005122 S005180 S005667 S005920 S006076 S006145 S006266 S006414 S006567 S006853 S007269 S008004 S008050 S008206 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015249 S015495 S015836 S015985 S016003 S016115 S016299 S016313) SUP (LT02699 R093539 S004185 S006171 S006561 S009076 ST04185 ST06171 ST06561 ST07272 ST09076 TR93539 TR94553) ++IF FMID(CC2D810) REQ(LU02700) . ++IF FMID(CC2D811) REQ(LU02701) . ++HOLD (LU02699) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (21264) COMMENT (<table border="1"> <tr> <td>CA NetMaster Network Management for TCP/I</td><td>Release 12.2</td></tr> <tr> <td colspan="2"> SEQUENCE After Apply.</td></tr> <tr> <td>PURPOSE</td><td>Copy the updated MOD@\$IP from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset.</td></tr> <tr> <td>USERS</td><td>All users.</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>JCL customization.</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table>	CA NetMaster Network Management for TCP/I	Release 12.2	SEQUENCE After Apply.		PURPOSE	Copy the updated MOD@\$IP from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset.	USERS	All users.	AFFECTED		KNOWLEDGE	JCL customization.	REQUIRED	
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AFFECTED															
KNOWLEDGE	JCL customization.														
REQUIRED															

Service	Details
	<pre> +-----+-----+ 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 //* +-----+-----+ CA NetMaster Network Management for TCP/I Release 12.2 +-----+-----+ SEQUENCE After Apply. +-----+-----+ PURPOSE Copy the updated PAN@\$IP from the SMP/E target dataset into the product run-time PANLDIS VSAM dataset. +-----+-----+ USERS All users. AFFECTED +-----+-----+ 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.CC11VSMI (PAN@\$IP) </pre>

Service	Details
	<pre>//PANLOUT DD DISP=SHR,DSN=&DSNPREF.PANLDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY PANELS INDD=PANLIN OUTDD=PANLOUT OPT=INSTALL //*). ++HOLD (LU02699) SYSTEM FMID(CC11C20) REASON (DOC) DATE (21264) COMMENT (+-----+ CA NetMaster Network Management for TCP/IP Release 12.2 +-----+ ***** * CA NetMaster Shared Content Library * ***** Packet Analyzer Parameter Descriptions PATPSZLIM=default_packet_size_limit Sets the default size for the packet size limit in a trace definition. Default: 1920 Limits: 192 to 1920 PAMTPSZLIM=maximum_packet_size_limit Sets the maximum size you can specify for the packet size limit in a trace definition. Default: 1920 Limits: 384 to 1920).</pre>

Service	Details
LU02700	LU02700 M.C.S. ENTRIES = ++PTF (LU02700) SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET ENHANCEMENT DESCRIPTION: SmartTrace is enhanced to provide an option that limits the size a packet collected in a packet trace. The following areas have been updated: - SSI Parmeters added: PATPSZLIM - DEFAULT TRACE PACKET SIZE LIMIT PAMTPSZLIM - MAXIMUM TRACE PACKET SIZE LIMIT - /PARMS SMARTTRACE and /SMART Trace Definitions Trace Options panels have new 'Packet Size Limit' field No action is required to continue to use current default value of 1920. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 14648 Copyright (C) 2021 CA. All rights reserved. R00624-NMS081-SP4 DESC (SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET). ++VER (Z038) FMID (CC2D810) PRE (LU01003 LU01220 R092904 R093195 R093308 R093974 S000329 S004419 S004962 S006415 S007094 S007708 S009323 S009967 S011283 S011462 S013256 S013476 S015812) SUP (LT02700 S001067 ST01067) ++IF FMID(CC2D811) REQ(LU02701) . ++IF FMID(CC11C20) REQ(LU02699) . ++HOLD (LU02700) SYSTEM FMID(CC2D810) REASON (DOC) DATE (21264) COMMENT (+-----+ CA SOLVE SSI Release 8.1 +-----+ ***** * CA NetMaster Shared Content Library * ***** Packet Analyzer Parameter Descriptions PATPSZLIM=default_packet_size_limit Sets the default size for the packet size limit in a trace definition. Default: 1920 Limits: 192 to 1920 PAMTPSZLIM=maximum_packet_size_limit Sets the maximum size you can specify for the packet size limit in a trace definition. Default: 1920 Limits: 384 to 1920) .

Service	Details
LU02701	LU02701 M.C.S. ENTRIES = ++PTF (LU02701) SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET ENHANCEMENT DESCRIPTION: SmartTrace is enhanced to provide an option that limits the size a packet collected in a packet trace. The following areas have been updated: - SSI Parmeters added: PATPSZLIM - DEFAULT TRACE PACKET SIZE LIMIT PAMTPSZLIM - MAXIMUM TRACE PACKET SIZE LIMIT - /PARMS SMARTTRACE and /SMART Trace Definitions Trace Options panels have new 'Packet Size Limit' field No action is required to continue to use current default value of 1920. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 14648 Copyright (C) 2021 CA. All rights reserved. R00624-NMS081-SP4 DESC (SMARTTRACE OPTION TO LIMIT THE SIZE OF A CAPTURED PACKET). ++VER (Z038) FMID (CC2D811) PRE (SO04420) SUP (LT02701) ++IF FMID(CC2D810) REQ(LU02700) . ++IF FMID(CC11C20) REQ(LU02699) . ++HOLD (LU02701) SYSTEM FMID(CC2D811) REASON (DOC) DATE (21264) COMMENT (<pre> +-----+ CA Management Services Release 8.1 +-----+ ***** * CA NetMaster Shared Content Library * ***** Packet Analyzer Parameter Descriptions PATPSZLIM=default_packet_size_limit Sets the default size for the packet size limit in a trace definition. Default: 1920 Limits: 192 to 1920 PAMTPSZLIM=maximum_packet_size_limit Sets the maximum size you can specify for the packet size limit in a trace definition. Default: 1920 Limits: 384 to 1920).</pre>

Service	Details
LU02761	LU02761 M.C.S. ENTRIES = ++PTF (LU02761) \$RMTM00S PROCESSING TERMINATED DUE TO ERROR PROBLEM DESCRIPTION: If the system clock is set back one day \$RMTM00S terminates abnormally. SYMPTOMS: Messages like these appear in the activity log: N03602 INVALID SYNTAX. N23610 PROCEDURE \$RMTM00S NCLID nnnnnn IN ERROR, STMT NO: nnnnnn &GLBL\$RMTADJX = &DATECONV DATE10 yyyymmddhhmmss-hhmm DATE10 +0.240000 N23601 \$RMTM00S PROCESSING TERMINATED DUE TO ERROR. NCLID nnnnnn IMPACT: Time shift processing fails. 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 Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 14774 Copyright (C) 2021 CA. All rights reserved. R00625-NMS081-SP4 DESC(\$RMTM00S PROCESSING TERMINATED DUE TO ERROR). ++VER (Z038) FMID (CC2D811) SUP (LT02761)

Service	Details																		
LU02798	LU02798 M.C.S. ENTRIES = ++PTF (LU02798) REMOVE OBSOLETE PRINTER \$PSPCS PROBLEM DESCRIPTION: \$PSPCS is a printer definition for an obsolete CA support system. SYMPTOMS: \$PSPCS appears in the list of printers. When selected it requests contact/issue details for a CA STAR problem system. IMPACT: An obsolete support function is displayed as a printer option. CIRCUMVENTION: Use Broadcom support system (Wolkensoft). PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA SOLVE:Access r5.0 Related Problem: NMS 14809 Copyright (C) 2021 CA. All rights reserved. R00626-NMS081-SP4 DESC(REMOVE OBSOLETE PRINTER \$PSPCS). ++VER (Z038) FMID (CC2D811) PRE (S014968) SUP (LT02798) ++HOLD (LU02798) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21260) COMMENT (<table border="1"> <tr> <td>CA Management Services</td><td>Release 8.1</td></tr> </table> SEQUENCE After Apply. <table border="1"> <tr> <td>PURPOSE</td><td>Copy the updated MOD@\$PS from the SMP/E target dataset</td></tr> <tr> <td></td><td>into the product run-time MODSDIS VSAM dataset.</td></tr> </table> <table border="1"> <tr> <td>USERS</td><td>All users.</td></tr> <tr> <td>AFFECTED</td><td></td></tr> </table> <table border="1"> <tr> <td>KNOWLEDGE</td><td>JCL customization.</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> <table border="1"> <tr> <td>ACCESS</td><td>1. Target libraries.</td></tr> <tr> <td>REQUIRED</td><td>2. Product region MODSDIS VSAM dataset.</td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below to a dataset. 2. Modify the sample JCL to meet your site's requirements.	CA Management Services	Release 8.1	PURPOSE	Copy the updated MOD@\$PS 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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REQUIRED																			
ACCESS	1. Target libraries.																		
REQUIRED	2. Product region MODSDIS VSAM dataset.																		

Service	Details
	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. <pre>//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@\$PS) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details
LU02839	LU02839 M.C.S. ENTRIES = ++PTF (LU02839) ABEND 015-02 AFTER LINK START BEFORE ACB OPEN PROBLEM DESCRIPTION: APPC bind processing uses an uninitialized network name vector when a TCP/IP link starts before the NetMaster ACB has been opened. SYMPTOMS: The region terminates with an 015-02 abend shortly after N36E02 INMC/AM CONTACT COMPLETED is issued. The system log contains: N01101 SOLVE ABEND N-015-02 ID=NMID JN=jobname DT=yyyyddd TM=hhmmssst N01102 SRC=AB PRD=SOLVE INTLVL=060700 SP=1007 ABC=N-015-02 N01103 ALM=NM001 ALO=0001F548 ACS=NM000015 ACO=00000AC0 IMPACT: The region terminates. 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 Management for SNA r12.2 CA NetMaster Network Automation r12.2 CA SOLVE:FTS r12.2 Related Problem: NMS 14831 Copyright (C) 2021 CA. All rights reserved. R00627-NMS081-SP4 DESC(ABEND 015-02 AFTER LINK START BEFORE ACB OPEN). ++VER (Z038) FMID (CC2D811) SUP (LT02839)

Service	Details																																						
LU02872	LU02872 M.C.S. ENTRIES = ++PTF (LU02872) ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF + HOLDDATA ENHANCEMENT DESCRIPTION: Note: This PTF replaces PTF S013780 - ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF and adds extra HODDDATA This PTF introduces support for Configuration of CA NetMaster Network Management Suite Product Regions via z/OSMF. PTF adds or updates the following elements: - Configuration Workflow CC2DZWC1 added to CC2DXML - Update Workflow CC2DZWU1 added to CC2DXML to update run-time SMP/E code post maintenance application - Properties file CC2DZPC1 added to CC2DSAMP to set variables for Workflow - Part Security member \$NMSXCTL updated in CC2DSAMP to be used by CC2DZWC1 - Full Security member \$NMSXCTF added to CC2DSAMP to be used by CC2DZWC1 PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 14853 Copyright (C) 2021 CA. All rights reserved. R00629-NMS081-SP4 DESC(ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF + HOLDDATA). ++VER (Z038) FMID (CC2D811) PRE (S000612) SUP (AS13780 LT02872 S013780 ST13778 ST13780) ++HOLD (LU02872) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21267) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> </td><td>CA Management Services Release 8.1 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE</td><td> Before Apply </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE</td><td> Add AC2DXML/CC2DXML DSN and DDDEF to NetMaster 12.2 </td></tr> <tr> <td> </td><td> environment that was installed via CSM </td></tr> <tr> <td> </td><td> </td></tr> <tr> <td> </td><td> Note: Installs done via CC2DJCL generated JCL will have </td></tr> <tr> <td> </td><td> AC2DXML/CC2DXML DSN and DDDEF </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS</td><td> NetMaster 12.2 user who want to apply PTF to support </td></tr> <tr> <td> AFFECTED</td><td> z/OSMf configuration workflows </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE</td><td> JCL and SMP/E </td></tr> <tr> <td> REQUIRED</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS</td><td> TSO access to NetMaster 12.2 environment </td></tr> <tr> <td> REQUIRED</td><td> </td></tr> </table>	+-----+			CA Management Services Release 8.1	+-----+		SEQUENCE	Before Apply	+-----+		PURPOSE	Add AC2DXML/CC2DXML DSN and DDDEF to NetMaster 12.2		environment that was installed via CSM				Note: Installs done via CC2DJCL generated JCL will have		AC2DXML/CC2DXML DSN and DDDEF	+-----+		USERS	NetMaster 12.2 user who want to apply PTF to support	AFFECTED	z/OSMf configuration workflows	+-----+		KNOWLEDGE	JCL and SMP/E	REQUIRED		+-----+		ACCESS	TSO access to NetMaster 12.2 environment	REQUIRED	
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ACCESS	TSO access to NetMaster 12.2 environment																																						
REQUIRED																																							

Service	Details
	<pre> +-----+-----+ ***** * STEPS TO PERFORM * ***** 1/ For installs done via CSM run this JCL with site updates made to add AC2DXML/CC2DXML DSN and DDDEF //??JOB CARD //* //ALLOCATE EXEC PGM=IEFBR14 //AC2DXML DD DSN=??PREFIX.AC2DXML, // SPACE=(TRK,(5,5,10)), // DCB=(BLKSIZE=0,LRECL=512,RECFM=VB), // MGMTCLAS=??MC, // STORCLAS=??SC, // DISP=(NEW,CATLG,DELETE) //* //CC2DXML DD DSN=??PREFIX.CC2DXML, // SPACE=(TRK,(5,5,10)), // DCB=(BLKSIZE=0,LRECL=512,RECFM=VB), // MGMTCLAS=??MC, // STORCLAS=??SC, // DISP=(NEW,CATLG,DELETE) //* //SMPINIT EXEC PGM=GIMSMP,REGION=0M, // PARM='CSI=??PREFIX.CSI' //SMPCNTL DD * SET BDY(CAIT81) . UCLIN . ADD DDDEF(AC2DXML) DATASET(??PREFIX.AC2DXML) OLD ADD DDDEF(CC2DXML) DATASET(??PREFIX.CC2DXML) OLD ENDUCL . SET BDY(CAID81) . UCLIN . ADD DDDEF(AC2DXML) DATASET(??PREFIX.AC2DXML) OLD ENDUCL . /*) . </pre>

Service	Details
LU02900	LU02900 M.C.S. ENTRIES = ++PTF (LU02900) RECORD COUNT WHEN LINKING A SUBORDINATE IS INCORRECT PROBLEM DESCRIPTION: When linking a region as a SUBORDINATE the record count of records to be transmitted from the remote region is incorrect. SYMPTOMS: During the linking process one record count is displayed, but when the link completes the record count displayed is different. IMPACT: This may create the impression that there was an error during the link process. 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 Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 14869 Copyright (C) 2021 CA. All rights reserved. R00630-NMS081-SP4 DESC (RECORD COUNT WHEN LINKING A SUBORDINATE IS INCORRECT). ++VER (Z038) FMID (CC2D811) PRE (S006679) SUP (LT02900 S011332 ST11332)

Service	Details
LU02950	LU02950 M.C.S. ENTRIES = ++PTF (LU02950) RECORDS TOO LARGE TO TRANSMIT DURING SYNCHRONISATION PROBLEM DESCRIPTION: Database synchronisation, either during initial linking or as part of normal run-time data transmission, fails when it encounters a database record incorrectly flagged as being too large to transmit. SYMPTOMS: Message appears in the activity log, identifying the record: RMSY0107 RECORD ENCODING FAILED - OBJECT(xxx) VARS(xxx) IMPACT: Records that are unable to be transmitted to a remote region will not be synchronised across all regions, which could lead to errors in automation. CIRCUMVENTION: None. 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 14905 Copyright (C) 2021 CA. All rights reserved. R00632-NMS081-SP4 DESC(RECORDS TOO LARGE TO TRANSMIT DURING SYNCHRONISATION). ++VER (Z038) FMID (CC2D811) PRE (S008238) SUP (LT02950)

Service	Details
LU02961	LU02961 M.C.S. ENTRIES = ++PTF (LU02961) SHUTSYS COMMAND HANGS SESSION PROBLEM DESCRIPTION: The SHUTSYS command will sometimes hang a user session and require the session to be disconnected and then reconnected before the user can continue. SYMPTOMS: After issuing the SHUTSYS command the screen locks and no further interaction is possible, IMPACT: The user is locked out of their session and unable to continue. CIRCUMVENTION: Issue the SHUTSYS command via \$RMCONS - \$RMCONS PCMD=SHUTSYS SYSNAME=nnnnnnnnn VERSION=vvvv 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 14521 Copyright (C) 2021 CA. All rights reserved. R00634-NMS081-SP4 DESC(SHUTSYS COMMAND HANGS SESSION). ++VER (Z038) FMID (CC2D811) PRE (S008877 S009971) SUP (LT02961 S008463 ST08463)

Service	Details																																								
SO13780	SO13780 M.C.S. ENTRIES = ++PTF (SO13780) ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF ENHANCEMENT DESCRIPTION: This PTF introduces support for Configuration of CA NetMaster Network Management Suite Product Regions via z/OSMF. PTF adds or updates the following elements: - Configuration Workflow CC2DZWC1 added to CC2DXML - Update Workflow CC2DZWU1 added to CC2DXML to update run-time SMP/E code post maintenance application - Properties file CC2DZPC1 added to CC2DSAMP to set variables for Workflows - Part Security member \$NMSXCTL updated in CC2DSAMP to be used by CC2DZWC1 - Full Security member \$NMSXCTF added to CC2DSAMP to be used by CC2DZWC1 PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 2357 Copyright (C) 2021 CA. All rights reserved. R00484-NMS081-SP4 DESC(ADD SUPPORT FOR PRODUCT CONFIGURATION VIA Z/OSMF) . ++VER (Z038) FMID (CC2D811) PRE (S000612) SUP (ST13778 ST13780) <table> <tr><td>MCS</td><td>LU02526</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>LU02618</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>LU02699</td><td>STARTS ON PAGE 0003</td></tr> <tr><td>MCS</td><td>LU02700</td><td>STARTS ON PAGE 0007</td></tr> <tr><td>MCS</td><td>LU02701</td><td>STARTS ON PAGE 0008</td></tr> <tr><td>MCS</td><td>LU02761</td><td>STARTS ON PAGE 0009</td></tr> <tr><td>MCS</td><td>LU02798</td><td>STARTS ON PAGE 0010</td></tr> <tr><td>MCS</td><td>LU02839</td><td>STARTS ON PAGE 0012</td></tr> <tr><td>MCS</td><td>LU02872</td><td>STARTS ON PAGE 0013</td></tr> <tr><td>MCS</td><td>LU02900</td><td>STARTS ON PAGE 0015</td></tr> <tr><td>MCS</td><td>LU02950</td><td>STARTS ON PAGE 0016</td></tr> <tr><td>MCS</td><td>LU02961</td><td>STARTS ON PAGE 0017</td></tr> <tr><td>MCS</td><td>SO13780</td><td>STARTS ON PAGE 0017</td></tr> </table>		MCS	LU02526	STARTS ON PAGE 0002	MCS	LU02618	STARTS ON PAGE 0002	MCS	LU02699	STARTS ON PAGE 0003	MCS	LU02700	STARTS ON PAGE 0007	MCS	LU02701	STARTS ON PAGE 0008	MCS	LU02761	STARTS ON PAGE 0009	MCS	LU02798	STARTS ON PAGE 0010	MCS	LU02839	STARTS ON PAGE 0012	MCS	LU02872	STARTS ON PAGE 0013	MCS	LU02900	STARTS ON PAGE 0015	MCS	LU02950	STARTS ON PAGE 0016	MCS	LU02961	STARTS ON PAGE 0017	MCS	SO13780	STARTS ON PAGE 0017
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MCS	SO13780	STARTS ON PAGE 0017																																							

NetMaster 12.2
CA RS 2110 Product/Component Listing

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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 2110 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2110	S013780	CC2D811
	LU02961	CC2D811
	LU02950	CC2D811
	LU02900	CC2D811
	LU02872	CC2D811
	LU02839	CC2D811
	LU02798	CC2D811
	LU02761	CC2D811
	LU02701	CC2D811
	LU02700	CC2D810
	LU02699	CC11C20
	LU02618	CC2D811
	LU02526	CC2D811
	LU02558	CC2D810
	LU02511	CC11C20
CAR2109	LU02415	CC2D811
	LU02369	CC18C20
	LU02257	CC2D811
	LU02256	CC2D810
	LU02255	CC11C20
	LU02172	CC2D811
	LU02135	CC17C20
	LU01947	CC2D811
	LU01519	CC2D811
	LU01518	CC2D810
	LU01517	CC11C20
	LU02086	CC11C20
CAR2108	LU01945	CC2D811
	LU00966	CC2D811
	LU00965	CC2D810
	LU00920	CC11C20
	LU01763	CC2D811
CAR2107	LU01708	CC11C20
	LU01607	CC11C20
	LU01458	CC11C20
	LU01414	CC2D811
	LU01402	CC2D811
	LU01220	CC2D810
	LU01020	CC2D811
	LU00860	CC2D811
	LU01461	CC2D811
CAR2106	LU01459	CC2D811
	LU01363	CC2D811
	LU01299	CC11C20
	LU01124	CC2D811
	LU01029	CC2AC20
	LU00889	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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	S016332	CC2D811
	S016315	CC2D810
	S016314	CC2D810
	S016313	CC11C20
	S016307	CC2D811
	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

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
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
CAR2008	S014196	CC2D811
	S014195	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	S014170	CC2D811
	S014152	CC11C20
	S014120	CC2D811
	S014119	CC11C20
	S014118	CC2D811
	S014074	CC11C20
	S014044	CC2D811
	S013972	CC2D811
	S013929	CC2D810
	S013866	CC11C20
	S013733	CC17C20
	S013728	CC2D811
	S013703	CC18C20
	S013457	CC2D811
CAR2007	S013692	CC2D811
	S013691	CC2D810
	S013579	CC2D811
	S013563	CC2D810
	S013546	CC2D811
	S013477	CC2D811
	S013476	CC2D810
	S013433	CC2D811
	S013412	CC2D811
	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

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
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

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S006679	CC2D811
CAR1901	S006597	CC2D811
	S006567	CC11C20
	S006561	CC11C20
	S006415	CC2D810
	S006414	CC11C20
	S006406	CC11C20
	S006222	CC2D811
	S006145	CC11C20
	S006141	CC2D811
CAR1812	S006478	CC2D811
	S006416	CC2D811
	S006367	CC2AC20
	S006267	CC2D811
	S006266	CC11C20
	S006209	CC11C20
	S006201	CC11C20
	S006181	CC11C20
	S006171	CC11C20
	S006169	CC11C20
	S006144	CC2D811
	S006082	CC2D811
	S006076	CC11C20
	S006008	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
CAR1810	S005668	CC2D811
	S005667	CC11C20
	S005655	CC11C20
	S005566	CC2D811
	S005537	CC2D811
	S005416	CC2D811
	S005390	CC2D811
	S005347	CC2D811
	S005287	CC2D811
	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

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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