

CA NetMaster 12.2
CA RS 2009 Service List

1

Service	Description	Type
S014010	ADD UNIX SOCKET PATH TO /PARMS USS	PTF
S014011	ADD UNIX SOCKET PATH TO /PARMS USS	PTF
S014247	IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION	PTF
S014248	IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION	PTF
S014250	EXTENDED FILTER IN REPLY MACRO DOES NOT MATCH MESSAGE	PTF
S014253	RMET0102 SEND FAILED - RC(16) FDBK(44) SYMSG(N48C37...)	** PRP **
S014301	ALERT MONITOR MESSAGE AMDBMS04 IS SUPERFLUOUS	PTF
S014339	NM9301 VARIABLE/MDO NAME TOO LONG TO SHARE TO NCL	PTF
S014344	N23610 PROCEDURE \$NWPPIAR NCLID NNNNNN IN ERROR, STMT NO:	PTF
S014384	ADD RTT AND RTTV TO IPLOG	PTF
S014398	MTC-NM ALERT MONITOR DOES NOT USE USERID SPECIFIED FILTER	PTF
S014429	ABEND SOC4, SOC1 WHEN ZFS PARAMETER GROUP FAILS	PTF
S014431	SOME AUTOMATION SERVICES MACROS DO NOT ACCEPT VARIABLES	PTF
S014439	TCPSECLV EVENT DETECTOR FOR TLSV1.0 ISSUES INCORRECT ALERTS	PTF
S014469	N1AM01 FILE NOT FOUND, PATH=/PPPPPPP	PTF
S014546	PROVIDE EVENTS FOR PROCEDURES LOADING	PTF
The CA RS 2009 service count for this release is 16		

CA NetMaster
CA RS 2009 Service List for CC11C20

2

FMID	Service	Description	Type
CC11C20	SO14010	ADD UNIX SOCKET PATH TO /PARMS USS	PTF
	SO14247	IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION	PTF
	SO14339	NM9301 VARIABLE/MDO NAME TOO LONG TO SHARE TO NCL	PTF
	SO14384	ADD RTT AND RTTV TO IPLOG	PTF
	SO14439	TCPSECLV EVENT DETECTOR FOR TLSV1.0 ISSUES INCORRECT ALERTS	PTF
The CA RS 2009 service count for this FMID is 5			

CA NetMaster
CA RS 2009 Service List for CC2D811

3

FMID	Service	Description	Type
CC2D811	S014011	ADD UNIX SOCKET PATH TO /PARMS USS	PTF
	S014248	IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION	PTF
	S014250	EXTENDED FILTER IN REPLY MACRO DOES NOT MATCH MESSAGE	PTF
	S014253	RMET0102 SEND FAILED - RC(16) FDBK(44) SYMSG(N48C37...)	** PRP **
	S014301	ALERT MONITOR MESSAGE AMDBMS04 IS SUPERFLUOUS	PTF
	S014344	N23610 PROCEDURE \$NWPPIAR NCLID NNNNNN IN ERROR, STMT NO:	PTF
	S014398	MTC-NM ALERT MONITOR DOES NOT USE USERID SPECIFIED FILTER	PTF
	S014429	ABEND SOC4, SOC1 WHEN ZFS PARAMETER GROUP FAILS	PTF
	S014431	SOME AUTOMATION SERVICES MACROS DO NOT ACCEPT VARIABLES	PTF
	S014469	N1AM01 FILE NOT FOUND, PATH=/PPPPPPP	PTF
	S014546	PROVIDE EVENTS FOR PROCEDURES LOADING	PTF

The CA RS 2009 service count for this FMID is 11

Service	Details
SO14010	SO14010 M.C.S. ENTRIES = ++PTF (SO14010) ADD UNIX SOCKET PATH TO /PARMS USS ENHANCEMENT DESCRIPTION: The /PARMS USS parameter group is enhanced to provide a path name override for Unix sockets. ADDITIONAL INFORMATION: /tmp is used as the path for Unix sockets. This new parameter enables the setting of an alternate path such as /var/sock. If the path is changed from /tmp and Customizer parameters are saved in an INIFILE, this needs to be re-generated via the /CUSTOM.G option. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 Related Problem: NMTIP 5500 Copyright (C) 2020 CA. All rights reserved. R00488-NMS081-SP4 DESC(ADD UNIX SOCKET PATH TO /PARMS USS) . ++VER (Z038) FMID (CC11C20) PRE (R092903 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S004418 S004784 S004852 S005039 S005122 S005667 S006076 S006145 S006567 S006853 S006976 S007269 S007875 S008004 S008206 S008461 S008508 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S013866 S014119) SUP (R093648 R094555 S000053 S001885 S004178 S005180 S007504 S009499 S011850 S012284 S013047 ST00053 ST01885 ST04178 ST05180 ST05609 ST07272 ST07504 ST08111 ST09499 ST11850 ST12284 ST13047 ST14010 TR93648 TR94553 TR94555) ++IF FMID(CC2D811) REQ(SO14011) . ++HOLD (SO14010) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20211) COMMENT (+-----+ CA NetMaster Network Management for TCP/I Release 12.2 +-----+ SEQUENCE After Apply.

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.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
SO14011	SO14011 M.C.S. ENTRIES = ++PTF (SO14011) ADD UNIX SOCKET PATH TO /PARMS USS ENHANCEMENT DESCRIPTION: The /PARMS USS parameter group is enhanced to provide a path name override for Unix sockets. ADDITIONAL INFORMATION: /tmp is used as the path for Unix sockets. This new parameter enables the setting of an alternate path such as /var/sock. If the path is changed from /tmp and Customizer parameters are saved in an INIFILE, this needs to be re-generated via the /CUSTOM.G option. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 Related Problem: NMTIP 5500 Copyright (C) 2020 CA. All rights reserved. R00488-NMS081-SP4 DESC(ADD UNIX SOCKET PATH TO /PARMS USS). ++VER (Z038) FMID (CC2D811) PRE (R092905 R093589 R093829 R093893 R094056 R094365 R095282 R096925 R098724 S000200 S000330 S000416 S001772 S001868 S004420 S004786 S004853 S005287 S005668 S006570 S006679 S006908 S007095 S007099 S007237 S008509 S009324 S010730 S011284 S011974 S012167 S012542 S012842 S013477 S013728) SUP (R094137 R094545 R098237 S000069 S000554 S007528 ST00069 ST00554 ST03946 ST06826 ST07528 ST14011 TR94137 TR94545 TR98064 TR98237) ++IF FMID(CC11C20) REQ(SO14010) . ++HOLD (SO14011) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (20211) COMMENT (-----+ CA Management Services

Service	Details
	<pre> ***** 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 +-----+ 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
	CA Management Services Release 8.1 ----- SEQUENCE After Apply. ----- PURPOSE Copy the updated PAN@\$NM 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.CC2DVSMI (PAN@\$NM) //PANLOUT DD DISP=SHR,DSN=&DSNPREF.PANLDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY PANELS INDD=PANLIN OUTDD=PANLOUT OPT=INSTALL //*).

Service	Details
SO14247	SO14247 M.C.S. ENTRIES = ++PTF (SO14247) IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION ENHANCEMENT DESCRIPTION: The TCP/IP : History Data menu (/IPHIST) has an additional choice: GTA - View IP Growth Tracker by Application IPGTA The entry panel allows the choice of 1 or more applications from the list of TCP/IP : Business Applications to filter the data for the subsequent IP Growth Tracker panels PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5486 Copyright (C) 2020 CA. All rights reserved. R00500-NMS081-SP4 DESC(IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION) . ++VER (Z038) FMID (CC11C20) PRE (R092903 R093648 R094885 R096378 R096703 R096837 R097239 R098166 R099126 R099429 S000085 S000328 S004314 S004418 S004784 S005039 S005122 S005667 S005920 S006076 S006145 S006567 S006853 S007269 S008004 S008050 S008206 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S014010 S014339) SUP (R094555 S004185 S005180 ST04185 ST05180 ST07272 ST13313 ST14247 TR94553 TR94555) ++IF FMID(CC2D811) REQ(SO14248) . ++HOLD (SO14247) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20238) COMMENT (<pre> +-----+ 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 +-----+-----+ 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 </pre>

Service	Details
	<pre>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
SO14248	SO14248 M.C.S. ENTRIES = ++PTF (SO14248) IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION ENHANCEMENT DESCRIPTION: The TCP/IP : History Data menu (/IPHIST) has an additional choice: GTA - View IP Growth Tracker by Application IPGTA The entry panel allows the choice of 1 or more applications from the list of TCP/IP : Business Applications to filter the data for the subsequent IP Growth Tracker panels PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5486 Copyright (C) 2020 CA. All rights reserved. R00500-NMS081-SP4 DESC(IP GROWTH TRACKER DISPLAYS TO SHOW GROWTH BY APPLICATION) . ++VER (Z038) FMID (CC2D811) SUP (ST13314 ST14248) ++IF FMID(CC11C20) REQ(SO14247) .

Service	Details
SO14250	SO14250 M.C.S. ENTRIES = ++PTF (SO14250) EXTENDED FILTER IN REPLY MACRO DOES NOT MATCH MESSAGE PROBLEM DESCRIPTION: An extended filter specified in the REPLY macro does not select a message that matches the text specified in the filter. SYMPTOMS: When running the REPLY macro as a step in a process, with an extended filter specified for a message in the Response Message Analysis area, a message that matches the extended filter is not selected as having matched IMPACT: The step fails, affecting the execution of subsequent steps. CIRCUMVENTION: Use a wildcard at the end of the filter text. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 2369 Copyright (C) 2020 CA. All rights reserved. R00501-NMS081-SP4 DESC(EXTENDED FILTER IN REPLY MACRO DOES NOT MATCH MESSAGE). ++VER (Z038) FMID (CC2D811) SUP (ST14250)

Service	Details
SO14253	SO14253 M.C.S. ENTRIES = ++PTF (SO14253) RMET0102 SEND FAILED - RC(16) FDBK(44) SYMSMSG(N48C37...) PROBLEM DESCRIPTION: Resource status messages sent to remote systems do not have any flow control. If messages are not flowing then queueing occurs and may result in a short on storage condition. SYMPTOMS: When the short on storage occurs then the activity log may contain various messages relating to storage request failures: NM3040 NCLID nnnnnn: \$RMSTMS 3402 ERROR - FATAL STORAGE SHORTAGE RMET0102 SEND FAILED - RC(16) FDBK(44) N48C37 CONVERSATION FAILURE. RESOURCE_FAILURE_NORETRY The region may also abend with a short on storage error. Including, but not limited to: N01101 NetMaster ABEND N-00I-86 ID=iiiiiii JN=jjjjjj DT=ddddddd TM=tttttttt IMPACT: Various region processes fail and the region may abend and need to be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.1 CA NetMaster File Transfer Management r12.1 CA NetMaster Network Management for SNA 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 Management for SNA r12.2 CA SOLVE:Operations Automation for CICS r11.9 Related Problem: NMS 2370 Copyright (C) 2020 CA. All rights reserved. R00503-NMS081-SP4 DESC(RMET0102 SEND FAILED - RC(16) FDBK(44) SYMSMSG(N48C37...)). ++VER (Z038) FMID (CC2D811) PRE (R092905 R098721 R099957 S006222 S008238) SUP (AS12466 S012466 ST12466 ST14251 ST14253) ++HOLD (SO14253) SYSTEM FMID(CC2D811) REASON (MULTSYS) DATE (20216) COMMENT (-----+ CA Management Services

Service	Details
	<pre> REQUIRED +-----+-----+ ACCESS Product libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF should be applied to all linked regions in a multi-system environment at the same time to enable flow control across all APPC conversations. Flow control has been introduced to prevent short of storage conditions due to excessive message queueing, by the use of APPC SEND and CONFIRM that requires confirmation to be sent by the conversation partner. Support for back-level versions of the procedures involved has been included but flow control is not supported for these conversations.).</pre>

Service	Details
SO14301	SO14301 M.C.S. ENTRIES = ++PTF (SO14301) ALERT MONITOR MESSAGE AMDBMS04 IS SUPERFLUOUS PROBLEM DESCRIPTION: Restored alerts created during region initialization are calling Alert Monitor services before they have been initialized. This causes Alert Monitor error messages to be written to the activity log that have no real meaning to the user. SYMPTOMS: The activity log for the region contains: AMDBMS04 APPLID: \$IP NOT REGISTERED WITH ALERT MONITOR AMDBMS04 APPLID: \$SN NOT REGISTERED WITH ALERT MONITOR AMDBMS04 APPLID: \$NM NOT REGISTERED WITH ALERT MONITOR IMPACT: The user is shown superfluous information in the activity log. CIRCUMVENTION: None 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 2367 Copyright (C) 2020 CA. All rights reserved. R00504-NMS081-SP4 DESC(ALERT MONITOR MESSAGE AMDBMS04 IS SUPERFLUOUS). ++VER (Z038) FMID (CC2D811) PRE (SO01455 SO06597 SO09567 SO12615) SUP (SO04556 SO10138 ST04556 ST10138 ST14165 ST14301)

Service	Details																																
SO14339	SO14339 M.C.S. ENTRIES = ++PTF (SO14339) NM9301 VARIABLE/MDO NAME TOO LONG TO SHARE TO NCL PROBLEM DESCRIPTION: The Encryption Summary by Local Port, (/SEC.E, PF04) builds more than 9999 display lines, which causes the Encryption Summary screen to terminate. SYMPTOMS: When viewing the Encryption Summary by Local Port, (/SEC.E, then PF04) the following messages are returned to the screen: NM9301 VARIABLE/MDO NAME TOO LONG TO SHARE TO NCL - &\$SLDDATA10000 N23610 PROCEDURE \$CASL000 NCLID nnnnnn IN ERROR, STMT NO: LNE06117 FOLLOWS: &CALL PROC=&\$LSERVPROC NOSHARE=(#SL>) PARMS=(CALLTYPE=&\$SLCALLTYPE) NM3040 NCLID nnnnnn: \$IPCALL 2577 ERROR - ERROR IN CALLED NCL IMPACT: Unable to view Encryption Summary by Local Port information. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5504 Copyright (C) 2020 CA. All rights reserved. R00505-NMS081-SP4 DESC(NM9301 VARIABLE/MDO NAME TOO LONG TO SHARE TO NCL). ++VER (Z038) FMID (CC11C20) PRE (R092903 R093648 R094885 R096378 R096703 R096837 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 S013255 S014010) SUP (R094555 S005180 ST05180 ST07272 ST14339 TR94553 TR94555) ++HOLD (SO14339) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20223) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> </td><td>CA NetMaster Network Management for TCP/I Release 12.2 </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@\$IP 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> </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		+-----+		ACCESS	1. Target libraries.	REQUIRED	2. Product region MODSDIS VSAM dataset.
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Service	Details
SO14344	SO14344 M.C.S. ENTRIES = ++PTF (SO14344) N23610 PROCEDURE \$NWPPIAR NCLID NNNNNN IN ERROR, STMT NO: PROBLEM DESCRIPTION: The NETVALRT PPI Receiver (/PARMS, group \$SN PPINETVALRT) incorrectly parses the &ZNCLV variable causing the PPI Receiver to terminate. SYMPTOMS: The PPI receiver ends and the following messages are written to the NetMaster activity log: N03602 INVALID SYNTAX. N23610 PROCEDURE \$NWPPIAR NCLID nnnnnn IN ERROR, STMT NO: LNE00423 FOLLOWS: &WK2 = &OVERLAY 0 1 2 ALIGNRO N23601 \$NWPPIAR PROCESSING TERMINATED DUE TO ERROR. NCLID nnnnnn IMPACT: Unable to receive CNM alerts from the external PPI receiver. CIRCUMVENTION: None 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 2372 Copyright (C) 2020 CA. All rights reserved. R00506-NMS081-SP4 DESC(N23610 PROCEDURE \$NWPPIAR NCLID NNNNNN IN ERROR, STMT NO:). ++VER (Z038) FMID (CC2D811) PRE (R096710 SO13477) SUP (ST14344)

Service	Details
SO14384	SO14384 M.C.S. ENTRIES = ++PTF (SO14384) ADD RTT AND RTTV TO IPLOG ENHANCEMENT DESCRIPTION: The IPLOG is enhanced to include Roundtrip time and Roundtrip time variance fields. These fields can be viewed in the IP History displays, (/IPHIST). ADDITIONAL INFORMATION: Roundtrip time and Roundtrip time variance fields are also added to the available criteria that can be searched on. The new IPLOG database fields are \$IPCONNRTT and \$IPCONNRTTV. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5505 Copyright (C) 2020 CA. All rights reserved. R00507-NMS081-SP4 DESC(ADD RTT AND RTTV TO IPLOG). ++VER (Z038) FMID (CC11C20) PRE (R092903 R093648 R094555 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S004418 S004784 S005039 S005122 S005180 S005667 S006076 S006145 S006414 S006567 S006849 S006853 S007269 S008004 S008087 S008206 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S013371 S014010 S014152 S014247 S014339) SUP (R093936 S001773 S005946 S009951 S011216 S011493 S012514 ST01773 ST05946 ST07272 ST09950 ST09951 ST10081 ST10118 ST11216 ST11493 ST12514 ST13855 ST14384 TR93936 TR94553) ++HOLD (SO14384) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20239) COMMENT (<pre> +-----+ 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 +-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+ ***** * STEPS TO PERFORM * ***** </pre>

Service	Details
	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. <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.CC11VSMI(MOD@\$IP) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*</pre> <pre>+-----+ 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. +-----+</pre> <pre>***** * STEPS TO PERFORM * *****</pre> 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. <pre>//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) //PANLOUT DD DISP=SHR,DSN=&DSNPREF.PANLDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY PANELS INDD=PANLIN OUTDD=PANLOUT OPT=INSTALL //*).</pre>

Service	Details
SO14398	SO14398 M.C.S. ENTRIES = ++PTF (SO14398) MTC-NM ALERT MONITOR DOES NOT USE USERID SPECIFIED FILTER PROBLEM DESCRIPTION: The MTC-NM Alert Monitor does not retrieve a user's alert filter causing no alert filtering to be done. SYMPTOMS: All alerts are shown on the MTC-NM Alert Monitor. IMPACT: MTC-NM does not support alert filtering. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5506 Copyright (C) 2020 CA. All rights reserved. R00509-NMS081-SP4 DESC(MTC-NM ALERT MONITOR DOES NOT USE USERID SPECIFIED FILTER). ++VER (Z038) FMID (CC2D811) PRE (SO05907) SUP (SO06141 ST06141 ST14395 ST14398)

Service	Details																										
S014429	S014429 M.C.S. ENTRIES = ++PTF (S014429) ABEND SOC4, SOC1 WHEN ZFS PARAMETER GROUP FAILS PROBLEM DESCRIPTION: A USS command issued before SYSPARMS UNIXPATH is set results in an abend. The ZFS parameter group is a prerequisite for USS processing. If it fails a subsequent USS command results in an abend. SYMPTOMS: During startup the region abends with an SOC4 or SOC1. The job log contains: N01101 NetMaster ABEND S-OCx ID=iiiiiii JN=jjjjjjj DT=dddddd TM=ttttttt N01102 SRC=AB PRD=NetMaster INTLVL=080100 SP=00 ABC=S-OCx N01103 ALM=NM134 ALO=00001ADE ACS=NMCOPY00 ACO=0000142E IMPACT: The region terminates and must be restarted. CIRCUMVENTION: Correct the ZFS failure reason or set SYSPARMS UNIXPATH=path in NMINIT. 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: NMTIP 5509 Copyright (C) 2020 CA. All rights reserved. R00511-NMS081-SP4 DESC(ABEND SOC4, SOC1 WHEN ZFS PARAMETER GROUP FAILS). ++VER (Z038) FMID (CC2D811) PRE (R092905 R093589 R093829 R093893 R094056 R094365 R095282 R095430 R096379 R096925 R097609 R098093 R098724 R099982 S000200 S000330 S000416 S000612 S001772 S004420 S004786 S004853 S005123 S005287 S005668 S006570 S006679 S006908 S007095 S007099 S007237 S007858 S008509 S009324 S010730 S011284 S013477 S013728 S014011 S014120) SUP (R094310 R095221 R096650 S000482 S005937 S006416 S006814 S007528 S012542 ST00482 ST03946 ST05937 ST06416 ST06814 ST07528 ST12542 ST14429 TR94310 TR95221 TR96650) ++HOLD (S014429) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (20226) COMMENT (<table> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+</td></tr> <tr> <td> </td><td>CA Management Services</td></tr> <tr> <td></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@SUT from the SMP/E target dataset</td></tr> <tr> <td> </td><td> into the product run-time MODSDIS VSAM dataset.</td></tr> <tr> <td> </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> </table>	+-----+-----+-----+-----+-----+-----+			CA Management Services		Release 8.1	+-----+-----+-----+-----+-----+-----+		SEQUENCE	After Apply.	+-----+-----+-----+-----+-----+-----+		PURPOSE	Copy the updated MOD@SUT from the SMP/E target dataset		into the product run-time MODSDIS VSAM dataset.		Copy the updated MOD@\$\$\$ from the SMP/E target dataset		into the product run-time MODSDIS VSAM dataset.	+-----+-----+-----+-----+-----+-----+		USERS	All users.	AFFECTED	
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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 //MODSIN1 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$UT) //MODSIN2 DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$\$\$) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN1 OUTDD=MODSOUT OPT=INSTALL COPY MODS INDD=MODSIN2 OUTDD=MODSOUT OPT=INSTALL //*). </pre>

Service	Details
SO14431	SO14431 M.C.S. ENTRIES = ++PTF (SO14431) SOME AUTOMATION SERVICES MACROS DO NOT ACCEPT VARIABLES PROBLEM DESCRIPTION: The CONCAT macro does not allow variables to be specified in the "Data" field without a leading blank e.g. ABC&VAR. The GOTO macro does not allow a variable in the "Loop Control Limit" field e.g. &X SYMPTOMS: When specifying the "Data" for the CONCAT macro, a variable without a leading blank causes the following error message: RMMC4002 AN IMBEDDED VARIABLE HAS BEEN DETECTED (ABC&VAR) When specifying the "Loop Control Limit" for the GOTO macro, a variable causes the following error message: RMMC0008 '&X' IS NOT A VALID VALUE FOR 'Limit' IMPACT: Processes cannot be built using variable values as required. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster Network Automation r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 2373 Copyright (C) 2020 CA. All rights reserved. R00512-NMS081-SP4 DESC(SOME AUTOMATION SERVICES MACROS DO NOT ACCEPT VARIABLES). ++VER (Z038) FMID (CC2D811) SUP (SO00208 SO06997 ST00208 ST06997 ST14431)

Service	Details
SO14439	SO14439 M.C.S. ENTRIES = ++PTF (SO14439) TCPSECLV EVENT DETECTOR FOR TLSV1.0 ISSUES INCORRECT ALERTS PROBLEM DESCRIPTION: An Event Detector of type TCPSECLV (TCP Security Protocol/Cipher usage) incorrectly issues alerts when Protocol Name TLSv1.0 is specified. All protocols generate alerts even though only TLSV1.0 or below should create alerts. SYMPTOMS: Alerts for all protocols are seen on the Alert Monitor. IMPACT: The Alert Monitor shows incorrect alerts. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5508 Copyright (C) 2020 CA. All rights reserved. R00513-NMS081-SP4 DESC(TCPSECLV EVENT DETECTOR FOR TLSV1.0 ISSUES INCORRECT ALERTS). ++VER (Z038) FMID (CC11C20) PRE (S000328 S008206 S009566) SUP (ST14439)

Service	Details
SO14469	SO14469 M.C.S. ENTRIES = ++PTF (SO14469) N1AM01 FILE NOT FOUND, PATH=/PPPPPPP PROBLEM DESCRIPTION: MTC-NM logon and logoff processing attempts to write to a file in the install zFS. When the zfs path is read-only an error occurs. SYMPTOMS: The following message appears in the activity log: N1AM01 FILE NOT FOUND, PATH=/zfspath/log/NM.region.0.1 IMPACT: MTC-NM logon and logoff are not recorded. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster Network Management for TCP/IP r12.1 Related Problem: NMTIP 5507 Copyright (C) 2020 CA. All rights reserved. R00514-NMS081-SP4 DESC(N1AM01 FILE NOT FOUND, PATH=/PPPPPPP). ++VER (Z038) FMID (CC2D811) PRE (SO04160 SO06008 SO13728) SUP (ST14402 ST14469) ++HOLD (SO14469) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (20226) COMMENT (<pre> +-----+ CA Management Services Release 8.1 +-----+ SEQUENCE After Apply. +-----+ PURPOSE Copy the updated MOD@\$W3 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. </pre>

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@\$W3) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details
SO14546	SO14546 M.C.S. ENTRIES = ++PTF (SO14546) PROVIDE EVENTS FOR PROCEDURES LOADING ENHANCEMENT DESCRIPTION: Introduce a new internal NetMaster Event name \$\$\$SYS.PROC.LOAD to enable tracking of all NCL, OML and REXX that are loaded by NetMaster. 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 2374 Copyright (C) 2020 CA. All rights reserved. R00515-NMS081-SP4 DESC(PROVIDE EVENTS FOR PROCEDURES LOADING) . ++VER (Z038) FMID (CC2D811) PRE (R092905 R096379 S000612 S007858 S009324 S013477 SO14429) SUP (ST14546) MCS SO14010 STARTS ON PAGE 0002 MCS SO14011 STARTS ON PAGE 0003 MCS SO14247 STARTS ON PAGE 0007 MCS SO14248 STARTS ON PAGE 0008 MCS SO14250 STARTS ON PAGE 0009 MCS SO14253 STARTS ON PAGE 0010 MCS SO14301 STARTS ON PAGE 0012 MCS SO14339 STARTS ON PAGE 0012 MCS SO14344 STARTS ON PAGE 0014 MCS SO14384 STARTS ON PAGE 0015 MCS SO14398 STARTS ON PAGE 0018 MCS SO14429 STARTS ON PAGE 0018 MCS SO14431 STARTS ON PAGE 0020 MCS SO14439 STARTS ON PAGE 0021 MCS SO14469 STARTS ON PAGE 0022 MCS SO14546 STARTS ON PAGE 0024

CA NetMaster 12.2
CA RS 2009 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 2009 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	S012030	CC11C20
	S011991	CC2D811
	S011974	CC2D811
	S011922	CC11C20
	S011850	CC11C20
	S011536	CC2D811

CA RS Level	Service	FMID
	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
	S009882	CC2D811
	S009841	CC2D811
	S009834	CC2D811
	S009807	CC11C20
	S009775	CC11C20
	S009324	CC2D811

CA RS Level	Service	FMID
	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
CAR1905	S008103	CC2D811
	S008089	CC2D811
	S008087	CC11C20
	S008064	CC17C20
	S008050	CC11C20
	S008004	CC11C20

CA NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S006679	CC2D811
CAR1901	S006597	CC2D811
	S006567	CC11C20
	S006561	CC11C20
	S006415	CC2D810
	S006414	CC11C20

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	S001067	CC2D810
CAR1804	S001047	CC2D811
	S001024	CC2D811
	S001023	CC2D810
	S000851	CC2D811
	S000837	CC2D811

CA RS Level	Service	FMID
	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
	R099583	CC2D811
	R099527	CC2D811
	R099510	CC11C20
	R099508	CC11C20
	R099429	CC11C20
	R099264	CC2D811

CA RS Level	Service	FMID
	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
	R097748	CC2D811
	R097732	CC2D810
	R097119	CC2D810
CAR1709	R097653	CC2D811
	R097641	CC2D810
	R097609	CC2D811

CA RS Level	Service	FMID
	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
	R094411	CC2D810
	R094382	CC2D810
	R094365	CC2D811
	R094350	CC2D811
	R094310	CC2D811
	R094278	CC11C20

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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