

NetMaster 12.2
CA RS 2208 Service List

Service	Description	Type
LU06340	NMSSI ABEND N-F60-06 PROCESSING A TRUNCATED IP PACKET	PTF
LU06385	NETMASTER NMAPISRV ENDS UNKNOWN HOSTNAME	PTF
LU06496	PROCEDURE \$NMSEC NCLID XXXXXX IN ERROR	PTF
LU06497	BYPASS SECURITY CHECK FOR APPC STARTED BY BACKGROUND USER	PTF
LU06498	START ALERT RULE PROCESSOR IN INITIALIZATION	PTF
LU06502	PACKET TRACE COMMAND CAUSES ABNORMAL TERMINATION	PTF
LU06722	SMARTTRACE EXPORT TAKES LONGER THAN NECESSARY	PTF
The CA RS 2208 service count for this release is 7		

NetMaster
CA RS 2208 Service List for CC11C20

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FMID	Service	Description	Type
CC11C20	LU06496	PROCEDURE \$NMSEC NCLID XXXXXX IN ERROR	PTF
	LU06502	PACKET TRACE COMMAND CAUSES ABNORMAL TERMINATION	PTF
	LU06722	SMARTTRACE EXPORT TAKES LONGER THAN NECESSARY	PTF
The CA RS 2208 service count for this FMID is 3			

NetMaster
CA RS 2208 Service List for CC2D810

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FMID	Service	Description	Type
CC2D810	LU06340	NMSSI ABEND N-F60-06 PROCESSING A TRUNCATED IP PACKET	PTF
The CA RS 2208 service count for this FMID is 1			

NetMaster
CA RS 2208 Service List for CC2D811

FMID	Service	Description	Type
CC2D811	LU06385	NETMASTER NMAPISRV ENDS UNKNOWN HOSTNAME	PTF
	LU06497	BYPASS SECURITY CHECK FOR APPC STARTED BY BACKGROUND USER	PTF
	LU06498	START ALERT RULE PROCESSOR IN INITIALIZATION	PTF
The CA RS 2208 service count for this FMID is 3			

NetMaster 12.2
CA RS 2208 - PTF LU06340 Details

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Service	Details
LU06340	LU06340 M.C.S. ENTRIES = ++PTF (LU06340) NMSSI ABEND N-F60-06 PROCESSING A TRUNCATED IP PACKET PROBLEM DESCRIPTION: EZBRCIFR passes a packet with a length that is less than the minimum IP header length and the packet is not marked as discarded. Data is returned that appears to be an IPv6 packet for an interface this is not IPv6. SYMPTOMS: The NetMaster SSI terminates with a N-F60-06 abend. The job log contains: NZ8601 NMSSI ABEND N-F60-06 JN=A03SSN1 DT=2022171 TM=09050803 NZ8602 SRC=AB PRD=NMSSI VRS=V8.1 PUT=00 ABC=N-F60-06 NZ8603 ALM=NMSSI057 ALO=00023232 ACS=NM000F60 ACO=00002112 For an invalid IPv6 packet the job log contains: NF6180 STACK: TCPIP DOES NOT HAVE PTF FOR APAR PK11661 APPLIED IMPACT: The region terminats. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP.IP r12.2 Related Problem: NMS 17531 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00718-NMS081 DESC(NMSSI ABEND N-F60-06 PROCESSING A TRUNCATED IP PACKET). ++VER (Z038) FMID (CC2D810) PRE (LU03697 LU03778 R094940 S000329) SUP (LT06340 S004562 ST04536 ST04562)

Service	Details
LU06385	LU06385 M.C.S. ENTRIES = ++PTF (LU06385) NETMASTER NMAPISRV ENDS UNKNOWN HOSTNAME ENHANCEMENT DESCRIPTION: Netmaster NMAPISRV procedure ends: zowe.apiml.exception.ServiceDefinitionException: URL http://{apiml.service.hostname}:20017/ contains unknown hostname. PTF updates base YAML file from address to hostname PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 17560 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00719-NMS081 DESC(NETMASTER NMAPISRV ENDS UNKNOWN HOSTNAME). ++VER (Z038) FMID (CC2D811) PRE (LU01020 LU02615 LU03311 LU03698 LU03873 LU03956 LU04403 LU05149 LU06060 S012879) SUP (LT06385) ++HOLD (LU06385) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (22187) COMMENT (<pre> +-----+ Unicenter NetMaster Management Services Release 8.1 +-----+ SEQUENCE Before NetMaster API Service (NMAPI) Restart +-----+ PURPOSE This PTF updates NetMaster API Service +-----+ USERS Users of NetMaster API Service AFFECTED +-----+ KNOWLEDGE TSO, JCL and NMAPI Config REQUIRED +-----+ ACCESS NMAPI related libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1/ Replace runtime NMAPIDEP member with new copy from CC2DSAMP. Make required updates to allow it be used - jobcard and symbol values 2/ Re-run the NMAPIDEP jcl 3/ Ensure runtime YML file server section uses hostname instead of address. For example: server: address: 0.0.0.0 port: 11188 should be: server: hostname: 0.0.0.0 </pre>)

Service	Details
	<pre>port: 11188 Post the application of this PTF if address is used you will get error: Could not resolve placeholder 'server.hostname' in value "apiml.service.hostname:\${server.hostname}" 4/ Re-start the NMAPI SRV task Note: NMAPI start version should be: Version : 2022.2.1 Revision : ce35a777 Build Date: 2022-07-06 17:37:10). LINK('API-Service/netmaster.yml') PARM(PATHMODE(0,6,6,4)) SHSCRIPT(C2DAPDIR,PRE). LINK('API-Service/bin/netmaster-service.jar') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(C2DAPDIR,PRE).</pre>

Service	Details
LU06496	LU06496 M.C.S. ENTRIES = ++PTF (LU06496) PROCEDURE \$NMSEC NCLID XXXXXX IN ERROR PROBLEM DESCRIPTION: Any event detector that has an "alert limit exceeded" condition may cause an alert to be raised that includes spaces in the resource name. The spaces included in the resource name cause \$NMSEC to terminate with an error. Due to the termination, no alert is raised to notify that the alert limit was reached and the event detector is inactivated. SYMPTOMS: When the alert limit is reached for any event detector, no alert is delivered and the event detector is inactivated. The following is seen in the log: N23I10 MISSING OR INVALID KEYWORD IN DATA STARTING AT: Alert Limit N23610 PROCEDURE \$NMSEC NCLID NNNNNN IN ERROR, STMT NO: LNE00397 N23611 &SETVARS PREFIX=#NM# KEYWORDS=(FCODE,USRID,GRPID,OLDPW,NEWPW N23611 CE,ACTION,DSNAME,DSORG,UNIT,VOL,CVOL,TRACE,CLASSID,CALLTYPE N23611 CMDNAME,USERID,ACTION,PGROUP) DATA=FCODE=VRS CALLTYPE=ACMD N23611 CLASS= RESOURCE=@ Alert Limit SEV=4 IMPACT: Event detector is inactivated with no notification. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 17584 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00721-NMS081 DESC(PROCEDURE \$NMSEC NCLID XXXXXX IN ERROR). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01517 LU01708 LU02086 LU02255 LU02511 LU02699 LU03177 LU03389 LU03447 LU03692 LU03777 LU04750 LU05082 R092903 R093648 R093936 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S001773 S004418 S004784 S005039 S005122 S005667 S006076 S006145 S006567 S006853 S007269 S008004 S008206 S008461 S009442 S009566 S009807 S009966 S010120 S010212 S010322 S010524 S011493 S011535 S012032 S012070 S012583 S012840 S013371 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015249 S015836 S015985 S016115 S016313) SUP (LT04008 LT06496 LU04008 R094555 S005180 S005946 S012514 S014439 S016003 S016299 ST05180 ST05946 ST07272 ST12514 ST14439 ST16003 ST16299 TR94553 TR94555) ++HOLD (LU06496) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (22192) COMMENT (+-----+ NetMaster Network Management for TCP/IP Release 12.2 +-----+ SEQUENCE After Apply. +-----+

Service	Details
	<pre> 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 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
LU06497	LU06497 M.C.S. ENTRIES = ++PTF (LU06497) BYPASS SECURITY CHECK FOR APPC STARTED BY BACKGROUND USER PROBLEM DESCRIPTION: \$NMSEC security check should be bypassed if LUTYPE is APPC and the user id is a background user. SYMPTOMS: Extraneous error checking is done. IMPACT: Security checking may fail a process when security checking should not even be done. 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 17633 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00722-NMS081 DESC(BYPASS SECURITY CHECK FOR APPC STARTED BY BACKGROUND USER). ++VER (Z038) FMID (CC2D811) PRE (LU00622 LU03698 SO12144) SUP (LT06497)

Service	Details
LU06498	LU06498 M.C.S. ENTRIES = ++PTF (LU06498) START ALERT RULE PROCESSOR IN INITIALIZATION PROBLEM DESCRIPTION: Alert rule processor (\$AMALRXZ) can be started from two different areas in the code. This provides an opportunity for slightly different behavior depending on which of the two areas of the code got control first. SYMPTOMS: \$AMALRXZ could run in an APPC environment when it is not intended to. IMPACT: None. 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 17634 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00723-NMS081 DESC(START ALERT RULE PROCESSOR IN INITIALIZATION). ++VER (Z038) FMID (CC2D811) PRE (LU03336 LU03698 S006597 S012615 S015626) SUP (LT06498)

Service	Details
LU06502	LU06502 M.C.S. ENTRIES = ++PTF (LU06502) PACKET TRACE COMMAND CAUSES ABNORMAL TERMINATION PROBLEM DESCRIPTION: The PT command, issued against a STACK resource cause the command handler to terminate abnormally. SYMPTOMS: The following message is displayed on the screen : RMCALL21 'PT' COMMAND PROCESSING TERMINATED FOR STACK(nnnnnnnn) The following messages appear in the Activity Log : NM9301 VARIABLE/MDO NAME TOO LONG TO SHARE TO NCL - &\$IP\$PTSZLIMMX N23610 PROCEDURE \$RMCALLS NCLID dddddd IN ERROR, STMT NO: LNE00254 -EXEC &#RM#ACTION N23601 \$RMCALLS PROCESSING TERMINATED DUE TO ERROR. NCLID dddddd IMPACT: The command fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP Release 12.2 Related Problem: NMTIP 17656 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00724-NMS081 DESC(PACKET TRACE COMMAND CAUSES ABNORMAL TERMINATION). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU02511 LU02699 LU03692 LU03777 LU04991 RO94885 RO96837 S000328 S004314 S004418 S005920 S006853 S007269 S008050 S009966 S012583 S014247 S014612 S015495 S015836 S016115) SUP (LT06502 S004185 S006561 ST04185 ST06561)

Service	Details																						
LU06722	LU06722 M.C.S. ENTRIES = ++PTF (LU06722) SMARTTRACE EXPORT TAKES LONGER THAN NECESSARY PROBLEM DESCRIPTION: When exporting packets from an active or saved SmartTrace, the NetMaster code path is longer than needed. Delay times are longer than necessary and could be optimized. SYMPTOMS: Exporting packets from a SmartTrace takes several minutes or more. IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 17850 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00725-NMS081 DESC(SMARTTRACE EXPORT TAKES LONGER THAN NECESSARY) . ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU02511 LU02699 LU03692 LU06502 R094885 S004418 S005039 S006853 S007269 S008004 S009966 S012583 S012840 S013251 S014612 S015495) SUP (LT06027 LT06722 LU06027 R093539 S006561 ST06561 TR93539) <table> <tr> <td>MCS</td><td>LU06340</td><td>STARTS ON PAGE 0002</td></tr> <tr> <td>MCS</td><td>LU06385</td><td>STARTS ON PAGE 0002</td></tr> <tr> <td>MCS</td><td>LU06496</td><td>STARTS ON PAGE 0004</td></tr> <tr> <td>MCS</td><td>LU06497</td><td>STARTS ON PAGE 0006</td></tr> <tr> <td>MCS</td><td>LU06498</td><td>STARTS ON PAGE 0007</td></tr> <tr> <td>MCS</td><td>LU06502</td><td>STARTS ON PAGE 0008</td></tr> <tr> <td>MCS</td><td>LU06722</td><td>STARTS ON PAGE 0009</td></tr> </table>		MCS	LU06340	STARTS ON PAGE 0002	MCS	LU06385	STARTS ON PAGE 0002	MCS	LU06496	STARTS ON PAGE 0004	MCS	LU06497	STARTS ON PAGE 0006	MCS	LU06498	STARTS ON PAGE 0007	MCS	LU06502	STARTS ON PAGE 0008	MCS	LU06722	STARTS ON PAGE 0009
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NetMaster 12.2
CA RS 2208 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 2208 Product/Component Count for this release is 7		

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2208	LU06722	CC11C20
	LU06502	CC11C20
	LU06498	CC2D811
	LU06497	CC2D811
	LU06496	CC11C20
	LU06385	CC2D811
	LU06340	CC2D810
CAR2207	LU06313	CC11C20
	LU06276	CC2D811
	LU06275	CC2D810
	LU06260	CC11C20
	LU06233	CC11C20
	LU06108	CC2D811
	LU06060	CC2D811
	LU06059	CC2D811
	LU06027	CC11C20
CAR2206	LU05990	CC2D811
	LU05951	CC2D811
	LU05843	CC11C20
	LU05768	CC2D811
	LU05708	CC2D811
CAR2205	LU05693	CC2D811
	LU05599	CC11C20
	LU05532	CC11C20
	LU05519	CC18C20
	LU05409	CC11C20
	LU05178	CC2D811
	LU05008	CC11C20
CAR2204	LU05256	CC2D811
	LU05246	CC2D810
	LU05205	CC2D811
	LU05204	CC11C20
	LU05184	CC11C20
	LU05166	CC17C20
	LU05149	CC2D811
	LU05083	CC2D811
	LU05082	CC11C20
	LU04992	CC2D810
	LU04991	CC11C20
	LU04916	CC2D811
	LU04831	CC2D811
	LU04802	CC2D811
	LU04751	CC2D810
	LU04750	CC11C20
	LU04585	CC2D810
CAR2203	LU04851	CC11C20
	LU04441	CC2D811

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All CA RS Levels Service List

CA RS Level	Service	FMID
	LU04440	CC2D810
	LU04403	CC2D811
CAR2202	LU04391	CC2D811
	LU04382	CC2D811
	LU04381	CC11C20
	LU04211	CC2D811
	LU04203	CC2D811
	LU04193	CC2D811
	LU04155	CC2D811
	LU04092	CC2D811
	LU04091	CC2D810
CAR2201	LU04008	CC11C20
	LU03966	CC2D811
	LU03957	CC2D811
	LU03956	CC2D811
	LU03873	CC2D811
	LU03843	CC2D811
	LU03840	CC2D811
	LU03839	CC2D810
	LU03797	CC2D811
	LU03779	CC2D811
	LU03778	CC2D810
	LU03777	CC11C20
	LU03748	CC2D811
	LU03747	CC2D811
	LU03746	CC2D810
	LU03708	CC2D811
	LU03707	CC11C20
	LU03699	CDEMC20
	LU03698	CC2D811
	LU03697	CC2D810
	LU03696	CC2D81R
	LU03695	CC2AC20
	LU03694	CC18C20
	LU03693	CC17C20
	LU03692	CC11C20
	LU03531	CC2D811
	LU03390	CC2D811
	LU03389	CC11C20
	LU03370	CC2D811
CAR2112	LU03668	CC2D811
	LU03535	CC2D811
	LU03465	CC2D810
	LU03447	CC11C20
	LU03425	CC2D810
	LU03393	CC17C20
	LU03379	CC2D811

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All CA RS Levels Service List

CA RS Level	Service	FMID
	LU03364	CC17C20
	LU03363	CC2D811
	LU03362	CC2D811
	LU03343	CC2D811
	LU03336	CC2D811
	LU03335	CC2D810
	LU02922	CC2D811
CAR2111	LU03320	CC2D811
	LU03311	CC2D811
	LU03196	CC11C20
	LU03177	CC11C20
	LU03140	CC11C20
	LU03111	CC17C20
	LU03052	CC2D811
	LU02951	CC2D811
	LU02851	CC2D811
	LU02615	CC2D811
CAR2110	SO13780	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
CAR2109	LU02558	CC2D810
	LU02511	CC11C20
	LU02415	CC2D811
	LU02369	CC18C20
	LU02257	CC2D811
	LU02256	CC2D810
	LU02255	CC11C20
	LU02172	CC2D811
	LU02135	CC17C20
	LU01947	CC2D811
	LU01519	CC2D811
	LU01518	CC2D810
	LU01517	CC11C20
CAR2108	LU02086	CC11C20
	LU01945	CC2D811
	LU00966	CC2D811
	LU00965	CC2D810

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2107	LU00920	CC11C20
	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
	LU01003	CC2D810
	LU00955	CC2D811
CAR2105	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
	S016332	CC2D811
CAR2103	S016315	CC2D810
	S016314	CC2D810
	S016313	CC11C20
	S016307	CC2D811
	S016299	CC11C20
	S016279	CC2D811
	S016068	CC2D811
	S015812	CC2D810
	S015811	CC11C20
	S012879	CC2D811
CAR2102	S016220	CC11C20

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
CAR2010	S014907	CC17C20
	S014906	CC11C20
	S014890	CC2D811
	S014855	CC2D810
	S014697	CC11C20
	S014612	CC11C20
CAR2009	S014546	CC2D811

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S013252	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S011535	CC11C20

CA RS Level	Service	FMID
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
	S009323	CC2D810

CA RS Level	Service	FMID
	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
	S008001	CC2D811

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CA RS Level	Service	FMID
	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
	S006406	CC11C20

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CA RS Level	Service	FMID
	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
	S004922	CC2D810

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CA RS Level	Service	FMID
	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
	S000825	CC2D811

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CA RS Level	Service	FMID
	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
	R099245	CC2D811

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CA RS Level	Service	FMID
	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
	R097377	CC11C20

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CA RS Level	Service	FMID
	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
	R093966	CC2D811

CA RS Level	Service	FMID
	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