

NetMaster Network Management Suite 12.2
CA RS 2303 Service List

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Service	Description	Type
LU08813	NZ8601 NMSSI ABEND N-F5U-99 JN=CCCCC DT=DDDDDDDD TM=DDDDDDDD	PTF
LU08814	NZ8601 NMSSI ABEND N-F5U-99 JN=CCCCC DT=DDDDDDDD TM=DDDDDDDD	PTF
LU08888	/DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES	PTF
LU08889	/DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES	PTF
LU08925	NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID	PTF
LU08926	NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID	PTF
LU08944	ENABLE PACKET COLLECTION FOR Z/OS RELEASES AFTER V2R5	PTF
LU09070	NM API SERVICE FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP	PTF
LU09071	NM WEB PORTAL FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP	PTF
The CA RS 2303 service count for this release is 9		

FMID	Service	Description	Type
CC11C20	LU08888	/DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES	PTF
	LU08925	NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID	PTF
The CA RS 2303 service count for this FMID is 2			

FMID	Service	Description	Type
CC2D810	LU08813	NZ8601 NMSSI ABEND N-F5U-99 JN=CCCC DT=DDDDDD TM=DDDDDD	PTF
	LU08944	ENABLE PACKET COLLECTION FOR Z/OS RELEASES AFTER V2R5	PTF
The CA RS 2303 service count for this FMID is 2			

NetMaster Network Management Suite
CA RS 2303 Service List for CC2D811

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FMID	Service	Description	Type
CC2D811	LU08814	NZ8601 NMSSI ABEND N-F5U-99 JN=CCCC DT=DDDDDD TM=DDDDDD	PTF
	LU08889	/DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES	PTF
	LU08926	NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID	PTF
	LU09070	NM API SERVICE FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP	PTF
	LU09071	NM WEB PORTAL FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP	PTF
The CA RS 2303 service count for this FMID is 5			

Service	Details
LU08813	LU08813 M.C.S. ENTRIES = ++PTF (LU08813) REWORK(2023034) NZ8601 NMSSI ABEND N-F5U-99 JN=CCCCC DT=DDDDDDDD TM=DDDDDDDD PROBLEM DESCRIPTION: The NetMaster SSI uses excessive storage to perform the Packet Analyzer functions when there are a large number of JOBS using the mainframe stack. During high storage utilization the NetMaster SSI may ABEND with the following message: NZ8601 NMSSI ABEND N-F5U-99 JN=cccccccc DT=ddddddd TM=ddddddd During high storage utilization the following message may appear in the NetMaster SSI JES log: NF5Z01 DB/DS: DYNAMIC/DDB STORAGE IS AT 81% Messages from command 'SH PADDBSTG LEVEL=4' show that page usage is growing with the TOW record type. SYMPTOMS: NZ8601 NMSSI ABEND N-F5U-99 JN=cccccccc DT=ddddddd TM=ddddddd NF5Z01 DB/DS: DYNAMIC/DDB STORAGE IS AT 81% NF5Z02 DB/DS: DYNAMIC/DDB STORAGE SHORTAGE RELIEVED IMPACT: NetMaster SSI regions may be short of storage and may terminate, normally or abnormally. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19365 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00759-NMS081 DESC(NZ8601 NMSSI ABEND N-F5U-99 JN=CCCCC DT=DDDDDDDD TM=DDDDDDDD) . ++VER (Z038) FMID (CC2D810) PRE (LU01220 LU02700 LU03697 LU03778 LU04585 LU06275 LU07185 LU07541 LU08013 LU08735 R092904 R093195 R093308 R097119 R097840 S000329 S004419 S004962 S006415 S007094 S007708 S009323 S009967 S011283 S011462 S012033 S013256 S015812) SUP (LT08813 S012188 ST12188) ++IF FMID(CC2D811) REQ(LU08814) .

Service	Details
LU08814	LU08814 M.C.S. ENTRIES = ++PTF (LU08814) REWORK(2023034) NZ8601 NMSSI ABEND N-F5U-99 JN=CCCCC DT=DDDDDDDD TM=DDDDDDDD PROBLEM DESCRIPTION: The NetMaster SSI uses excessive storage to perform the Packet Analyzer functions when there are a large number of JOBS using the mainframe stack. During high storage utilization the NetMaster SSI may ABEND with the following message: NZ8601 NMSSI ABEND N-F5U-99 JN=cccccccc DT=ddddddd TM=ddddddd During high storage utilization the following message may appear in the NetMaster SSI JES log: NF5Z01 DB/DS: DYNAMIC/DDB STORAGE IS AT 81% Messages from command 'SH PADDBSTG LEVEL=4' show that page usage is growing with the TOW record type. SYMPTOMS: NZ8601 NMSSI ABEND N-F5U-99 JN=cccccccc DT=ddddddd TM=ddddddd NF5Z01 DB/DS: DYNAMIC/DDB STORAGE IS AT 81% NF5Z02 DB/DS: DYNAMIC/DDB STORAGE SHORTAGE RELIEVED IMPACT: NetMaster SSI regions may be short of storage and may terminate, normally or abnormally. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19365 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00759-NMS081 DESC(NZ8601 NMSSI ABEND N-F5U-99 JN=CCCCC DT=DDDDDDDD TM=DDDDDDDD) . ++VER (Z038) FMID (CC2D811) PRE (LU03698 LU03779 S000330) SUP (LT08814) ++IF FMID(CC2D810) REQ(LU08813) .

Service	Details																																													
LU08888	LU08888 M.C.S. ENTRIES = ++PTF (LU08888) REWORK(2023032) /DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES ENHANCEMENT DESCRIPTION: IQDC interfaces (HiperSocket Converged Interface - HSCI) operate at layer 2 and the traffic is not seen by the NMSSI Packet Analyzer as using the interface. The /DEVLINK.S option is changed to use Stack Interface Monitoring data so that a comparison of interface traffic including IQDC interfaces is available. Also Interface Monitoring is modified to collect traffic statistics for ISM and RNIC interfaces. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19290 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00760-NMS081 DESC(/DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01517 LU01708 LU02086 LU02255 LU02511 LU02699 LU03177 LU03389 LU03447 LU03692 LU03777 LU04381 LU04750 LU05082 LU06496 LU06808 LU06819 LU07589 LU07897 LU07961 LU07977 LU08734 R092903 R093648 R094483 R094885 R096378 R096703 R096708 R097239 R098166 R098295 R098400 R099126 R099429 S000085 S000328 S000415 S004418 S004784 S005039 S005122 S005667 S006076 S006145 S006567 S006853 S007269 S008004 S008206 S008260 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015249 S015836 S015985 S016115 S016313) SUP (LT08744 LT08888 R094555 R097261 S005180 S006181 S016003 S016299 ST05180 ST06181 ST07272 ST16003 ST16299 TR94553 TR94555 TR97261) ++IF FMID(CC2D811) REQ(LU08889). ++HOLD (LU08888) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (23032) COMMENT (<table><tr><td colspan="3">+-----+</td></tr><tr><td> </td><td>NetMaster Network Management for TCP/IP</td><td>Release 12.2</td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> SEQUENCE</td><td colspan="2"> After Apply.</td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> PURPOSE</td><td colspan="2"> Copy the updated MOD@S\$IP from the SMP/E target dataset</td></tr><tr><td> </td><td colspan="2"> into the product run-time MODSDIS VSAM dataset.</td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> USERS</td><td colspan="2"> All users.</td></tr><tr><td> AFFECTED</td><td colspan="2"> </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> KNOWLEDGE</td><td colspan="2"> JCL customization.</td></tr><tr><td> REQUIRED</td><td colspan="2"> </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> ACCESS</td><td colspan="2"> 1. Target libraries.</td></tr></table>)	+-----+				NetMaster Network Management for TCP/IP	Release 12.2	+-----+			SEQUENCE	After Apply.		+-----+			PURPOSE	Copy the updated MOD@S\$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.	
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USERS	All users.																																													
AFFECTED																																														
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KNOWLEDGE	JCL customization.																																													
REQUIRED																																														
+-----+																																														
ACCESS	1. Target libraries.																																													

Service	Details
	<pre> REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below to a dataset. 2. Modify the sample JCL to meet your site's requirements. 3. In the scheduled maintenance window, stop all product regions that reference the MODSDIS VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC11VSMI (MOD@\$IP) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL /*). ++HOLD (LU08888) SYSTEM FMID(CC11C20) REASON (DOC) DATE (23032) COMMENT (+-----+ NetMaster Network Management for TCP/IP Release 12.2 +-----+ ***** * PUBLICATION * ***** The /DEVLINK.S (Busiest Interfaces Summary) is changed to use Stack Interface Monitoring data so that HSCI interfaces are included. Interface Monitoring of RNIC and ISM interfaces has been added. These interfaces will now appear in the Condition Summary.). </pre>

Service	Details
LU08889	LU08889 M.C.S. ENTRIES = ++PTF (LU08889) REWORK(2023032) /DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES ENHANCEMENT DESCRIPTION: IQDC interfaces (HiperSocket Converged Interface - HSCI) operate at layer 2 and the traffic is not seen by the NMSSI Packet Analyzer as using the interface. The /DEVLINK.S option is changed to use Stack Interface Monitoring data so that a comparison of interface traffic including IQDC interfaces is available. Also Interface Monitoring is modified to collect traffic statistics for ISM and RNIC interfaces. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19290 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00760-NMS081 DESC(/DEVLINK.S TO INCLUDE IQDC (HSCI) INTERFACES). ++VER (Z038) FMID (CC2D811) PRE (LU03698) SUP (LT08745 LT08889) ++IF FMID(CC11C20) REQ(LU08888). ++HOLD (LU08889) SYSTEM FMID(CC2D811) REASON (DOC) DATE (23032) COMMENT (+-----+ Unicenter NetMaster Management Services Release 8.1 +-----+ ***** * PUBLICATION * ***** The /DEVLINK.S (Busiest Interfaces Summary) is changed to use Stack Interface Monitoring data so that HSCI interfaces are included. Interface Monitoring of RNIC and ISM interfaces has been added. These interfaces will now appear in the Condition Summary.).

Service	Details
LU08925	LU08925 M.C.S. ENTRIES = ++PTF (LU08925) REWORK(2023032) NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID PROBLEM DESCRIPTION: VIPA connection counts greater than 2G are reported as negative numbers. SYMPTOMS: Viewing a VIPA resource results in an OML error with the message: NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID IMPACT: VIPA details are not available. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19547 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00761-NMS081 DESC(NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID) . ++VER (Z038) FMID (CC11C20) PRE (LU03692 LU04381 LU07977 LU08888 R094483 R098295 S004418 S008260 S015836) SUP (LT08925 S006181 S006406 ST06181 ST06406) ++IF FMID(CC2D811) REQ(LU08926) .

Service	Details
LU08926	LU08926 M.C.S. ENTRIES = ++PTF (LU08926) REWORK(2023032) NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID PROBLEM DESCRIPTION: VIPA connection counts greater than 2G are reported as negative numbers. SYMPTOMS: Viewing a VIPA resource results in an OML error with the message: NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID IMPACT: VIPA details are not available. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19547 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00761-NMS081 DESC(NM1010 ARGUMENT 2 TO BUILTIN FUNCTION: COPIES IS NOT VALID) . ++VER (Z038) FMID (CC2D811) PRE (LU00889 LU03698 LU04382 LU07590 SO00330 SO09968 SO15250 SO15837) SUP (LT08926) ++IF FMID(CC11C20) REQ(LU08925) .

Service	Details
LU08944	LU08944 M.C.S. ENTRIES = ++PTF (LU08944) REWORK(2023034) ENABLE PACKET COLLECTION FOR Z/OS RELEASES AFTER V2R5 ENHANCEMENT DESCRIPTION: The IBM real-time application-controlled TCP/IP trace network management interface (Trace NMI) can be used to collect packets at the z/OS V2R1 release level or later. The Trace NMI is a documented IBM programming interface and exploiting that interface instead of using packet trace hooks improves the stability and maintainability of the product. For z/OS releases before V2R1, the Trace NMI is not supported and packet trace hooks are always used to collect packets. For z/OS releases after V2R5, packet trace hooks are not supported and the Trace NMI is always used to collect packets. For z/OS releases between V2R1 and V2R5, inclusive, the PATRACENMI parameter determines whether the Trace NMI or packet trace hooks are used to collect packets: - If PATRACENMI=YES, the Trace NMI is used. - If PATRACENMI=NO, packet trace hooks are used. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 19513 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00762-NMS081 DESC(ENABLE PACKET COLLECTION FOR Z/OS RELEASES AFTER V2R5). ++VER (Z038) FMID (CC2D810) PRE (LU00965 LU03697 LU03839 LU08735 R093195 R095313 S004419 S004962 S007094 S011283) SUP (LT03807 LT08944 R096699 S007477 ST07477 TR96699) ++HOLD (LU08944) SYSTEM FMID(CC2D810) REASON (DOC) DATE (23034) COMMENT (+-----+ Unicenter NetMaster Management Services Release 8.1 +-----+ ***** * SOLVE SSI * ***** Administering the SOLVE SSI Packet Analyzer and SOLVE SSI PATRACENMI={YES NO} Specifies whether the Packet Analyzer uses the IBM real-time application controlled TCP/IP trace network management interface (Trace NMI) to collect packets for stacks at the z/OS V2R1 release level or later. The default is YES in NetMaster NM for TCP/IP r12.2, and the Trace NMI is always used to collect packets for IBM stacks at the z/OS V2R1 release level or later. The Trace NMI is a documented IBM programming interface and exploiting that interface instead of packet trace hooks improves the stability and maintainability of the product. In addition,

Service	Details
	with the Trace NMI the collection of packets is completely controlled by the SOLVE SSI and the Packet Analyzer is unaffected when other installation products or personnel start or stop a packet trace. For these reasons, Broadcom recommends that the Trace NMI be used to collect packets for IBM stacks at the z/OS V2R1 release level or later. Important: For z/OS releases before V2R1, the Trace NMI is not supported and packet trace hooks are always used to collect packets. For z/OS releases after V2R5, packet trace hooks are not supported and the Trace NMI is always used to collect packets. For z/OS releases between V2R1 and V2R5, inclusive, the PATRACENMI parameter determines whether the Trace NMI or packet trace hooks are used to collect packets. - If PATRACENMI=YES, the Trace NMI is used. - If PATRACENMI=NO, packet trace hooks are used. Note: For Trace NMI security requirements, see the section titled Trace Network Management Interface under the Prepare IBM Communications Server Post Installation task in the product publication titled Install or Upgrade NetMaster products.).

Service	Details
LU09070	LU09070 M.C.S. ENTRIES = ++PTF (LU09070) REWORK(2023044) NM API SERVICE FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP ENHANCEMENT DESCRIPTION: NM API SERVICE FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP NetMaster API has been updated: - NMAPI SmartTrace support. Updated Endpoints allow: - Display trace definitions list - TCP and UDP trace types can be added and viewed/updated - All trace types can be deleted * Future releases will add further SmartTrace related functionality - Address other minor corrections and enhancements PRODUCT(S) AFFECTED: NetMaster TCP/IP Release 12.2 Related Problem: NMS 18751 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00763-NMS081 DESC(NM API SERVICE FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP). ++VER (Z038) FMID (CC2D811) PRE (LU01020 LU02257 LU02615 LU03698 LU06060 LU06385 LU07542 LU08014 LU08128 SO12879) SUP (AL02615 AL03311 AL03873 AL04403 LT03311 LT03873 LT03956 LT04403 LT05074 LT05149 LT09070 LU03311 LU03873 LU03956 LU04403 LU05149) ++HOLD (LU09070) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (23044) COMMENT (<pre> +-----+ NetMaster Network Management for TCP/IP Release 12.2 +-----+ SEQUENCE Before NetMaster API Service (NMAPI) Restart +-----+ PURPOSE This PTF updates NetMaster API Service +-----+ USERS Users who have previously setup NetMaster API Service AFFECTED First time users of NetMaster API Service do not perform these steps. They follow standard Install/Setup documentation +-----+ KNOWLEDGE TSO, JCL and NMAPI Config REQUIRED +-----+ ACCESS NMAPI related libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Steps to perform: 1/ Refresh runtime CC2DEXEC NetMaster region code updated by this PTF. </pre>

Service	Details
	2/ Restart NetMaster region. 3/ Ensure HOLD Actions from prior NMAPI related PTS's have been completed. In particular LU07542 which updated NMAPIDEP and NMAPIENV to use .yaml extension. 4/ Rerun the NMAPIDEP jcl for each LPAR that has NMAPI setup. 5/ Restart the runtime NMAPISRV task. Note: NMAPISRV start version should be: Version : 2023.1.0 Revision : 45226ed0 Build Date: 2023-02-13). LINK('API-Service/bin/netmaster-service.jar') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(C2DAPDIR,PRE) .

Service	Details
LU09071	LU09071 M.C.S. ENTRIES = ++PTF (LU09071) REWORK(2023044) NM WEB PORTAL FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP ENHANCEMENT DESCRIPTION: NM WEB PORTAL FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP NetMaster Web Portal has been updated: - NMWP SmartTrace UI has been updated: - Display trace definitions list - TCP and UDP trace types can be added and viewed/updated - All trace types can be deleted * Future releases will add further SmartTrace related functionality - Address other minor corrections and enhancements PRODUCT(S) AFFECTED: NetMaster TCP/IP Release 12.2 Related Problem: NMS 18752 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00764-NMS081 DESC(NM WEB PORTAL FEB 2023 FEATURE RELEASE - SMARTTRACE TCP/UDP). ++VER (Z038) FMID (CC2D811) PRE (LU00880 LU03370 LU03698 LU06059 LU07543 S016068) SUP (AL02851 AL03370 LT01726 LT02851 LT03320 LT03957 LT05595 LT09071 LU02851 LU03320 LU03957) ++HOLD (LU09071) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (23044) COMMENT (<pre> +-----+ NetMaster Network Management for TCP/IP Release 12.2 +-----+ SEQUENCE Before NetMaster WebPortal (NMWP) Restart +-----+ PURPOSE This PTF updates NetMaster WebPortal +-----+ USERS Users who have previously setup NetMaster WebPortal AFFECTED First time users of NetMaster WebPortal do not perform perform these steps. They follow standard Install/Setup documentation +-----+ KNOWLEDGE TSO, JCL and NMWP Config REQUIRED +-----+ ACCESS NMWP related libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1/ Ensure runtime NetMaster API Service has been updated to LU09070 2/ Ensure HOLD Actions from prerequisite NMWP related PTS's have been completed. 3/ Update your Runtime NMWP war file at: /yourNMWPdir/netmaster-web.war </pre>

Service	Details
	See update information below 4/ Re-start the NMWPSRV task Note: NMWPSRV start version should be: Version : 2023.1.0 Revision : 4673eb6be Build Date: 2023-02-08 NMWP WAR File Update Information ----- NMWP WAR file update can be done by one of these methods: a/ Rerun NMWPDEP JCL b/ Run nmweb-cli.jar EXTRACT command c/ Run JCL example such as: <pre> jobcard /*-----* // EXPORT SYMLIST=(INSDIR,RTDIR,JAVA) // SET INSDIR='/cai/NetMaster/NMC2/CA' // SET RTDIR='/YourRunTimeDirPath' // SET JAVA='/sys/java64bt/v8r0m0/usr/lpp/java/J8.0_64/bin/java' /*-----* //EXTRWAR EXEC PGM=BPXBATCH,REGION=OM //STDENV DD *,SYMBOLS=JCLONLY INSDIR=&INSDIR. RTDIR=&RTDIR. JAVA=&JAVA. /* //STDPARM DD * SH umask 0000 && set -x && cd "\${RTDIR}" \${JAVA} -jar "\${INSDIR}/NetMaster-Web/nmweb-cli.jar" extract --overwrite && chmod 755 netmaster-web.war /* //STDOUT DD SYSOUT=* //STDERR DD SYSOUT=* /*). PARM(PATHMODE(0,7,7,5)) SHSCRIPT(C2DNMWUT, POST). MCS LU08813 STARTS ON PAGE 0002 MCS LU08814 STARTS ON PAGE 0009 MCS LU08888 STARTS ON PAGE 0010 MCS LU08889 STARTS ON PAGE 0012 MCS LU08925 STARTS ON PAGE 0013 MCS LU08926 STARTS ON PAGE 0014 MCS LU08944 STARTS ON PAGE 0015 MCS LU09070 STARTS ON PAGE 0017 MCS LU09071 STARTS ON PAGE 0018 </pre>

NetMaster Network Management Suite 12.2
CA RS 2303 Product/Component Listing

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Product Family	Product	Release
Intelligent Operations	CA SOLVE SSI	08.01.00
Performance and Storage	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
The CA RS 2303 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2303	LU09071	CC2D811
	LU09070	CC2D811
	LU08944	CC2D810
	LU08926	CC2D811
	LU08925	CC11C20
	LU08889	CC2D811
	LU08888	CC11C20
	LU08814	CC2D811
	LU08813	CC2D810
CAR2302	LU08752	CC2D811
	LU08736	CC2D811
	LU08735	CC2D810
	LU08734	CC11C20
	LU08128	CC2D811
	LU08014	CC2D811
	LU08013	CC2D810
	LU08012	CC11C20
CAR2301	SO15577	CC2D811
	LU08580	CC11C20
	LU08506	CC2D811
	LU08301	CC2D811
	LU07977	CC11C20
	LU07963	CC2D811
	LU07962	CC2D810
	LU07961	CC11C20
CAR2212	LU08122	CC2D811
	LU08121	CC2D810
	LU07980	CC11C20
CAR2211	LU07897	CC11C20
	LU07818	CC11C20
	LU07590	CC2D811
	LU07589	CC11C20
	LU07543	CC2D811
	LU07542	CC2D811
	LU07541	CC2D810
	LU07540	CC11C20
	LU07287	CC17C20
	LU07286	CC11C20
CAR2210	LU07354	CC2D811
	LU07186	CC2D811
	LU07185	CC2D810
CAR2209	LU07141	CC11C20
	LU07037	CC2D811
	LU06935	CDEMC20
	LU06934	CC2AC20
	LU06933	CC18C20
	LU06932	CC17C20

CA RS Level	Service	FMID
	LU06931	CC11C20
	LU06917	CC2D811
	LU06916	CC2D811
	LU06853	CC2D811
	LU06832	CC2D811
	LU06819	CC11C20
	LU06808	CC11C20
	LU06807	CC2D811
	LU06416	CC2D811
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

CA RS Level	Service	FMID
	LU04991	CC11C20
	LU04916	CC2D811
	LU04831	CC2D811
	LU04802	CC2D811
	LU04751	CC2D810
	LU04750	CC11C20
	LU04585	CC2D810
CAR2203	LU04851	CC11C20
	LU04441	CC2D811
	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

CA RS Level	Service	FMID
	LU03389	CC11C20
	LU03370	CC2D811
CAR2112	LU03668	CC2D811
	LU03535	CC2D811
	LU03465	CC2D810
	LU03447	CC11C20
	LU03425	CC2D810
	LU03393	CC17C20
	LU03379	CC2D811
	LU03364	CC17C20
	LU03363	CC2D811
	LU03362	CC2D811
	LU03343	CC2D811
	LU03336	CC2D811
	LU03335	CC2D810
	LU02922	CC2D811
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

CA RS Level	Service	FMID
	LU02135	CC17C20
	LU01947	CC2D811
	LU01519	CC2D811
	LU01518	CC2D810
	LU01517	CC11C20
CAR2108	LU02086	CC11C20
	LU01945	CC2D811
	LU00966	CC2D811
	LU00965	CC2D810
	LU00920	CC11C20
CAR2107	LU01763	CC2D811
	LU01708	CC11C20
	LU01607	CC11C20
	LU01458	CC11C20
	LU01414	CC2D811
	LU01402	CC2D811
	LU01220	CC2D810
	LU01020	CC2D811
	LU00860	CC2D811
CAR2106	LU01461	CC2D811
	LU01459	CC2D811
	LU01363	CC2D811
	LU01299	CC11C20
	LU01124	CC2D811
	LU01029	CC2AC20
	LU00889	CC2D811
	LU00870	CC11C20
CAR2105	LU01003	CC2D810
	LU00955	CC2D811
	LU00902	CC2D811
	LU00880	CC2D811
	LU00872	CC2D811
	LU00861	CC2D811
	LU00840	CC2D811
	LU00770	CC2D811
	LU00721	CC2D811
	LU00622	CC2D811
	LU00590	CC2D811
	LU00298	CC11C20
CAR2104	LU00691	CC2D811
	LU00690	CC11C20
	LU00501	CC2D811
	LU00355	CC2D811
	LU00322	CC2D810
CAR2103	S016332	CC2D811
	S016315	CC2D810
	S016314	CC2D810

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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