

CA NetMaster 12.2
CA RS 2011 Service List

1

Service	Description	Type
S015088	TCPSECE EVENT DETECTOR (/EDETECT)	PTF
S015096	RAMDB EXPORT LOSES DATA WHEN USING HEX TRANSLATION	PTF
S015098	\$DSCALL ENDS ABNORMALLY WHEN A BLANK DD NAME IS USED	PTF
S015176	SECURE SHELL (SSH) LEVEL MISSING FROM CONNECTION LIST	PTF
S015177	/CONNT (D.C.T) MISSING SECURITY CIPHER INFORMATION	PTF
S015192	TELNET SECURITY CIPHER INCORRECT	PTF
S015217	ADD EXPORT/IMPORT COMMANDS TO /IPAPPLS	PTF
S015227	REMOVE ZFS MOUNTPPOINT DEPENDENCY FOR USS COMMANDS	PTF
S015228	REMOVE ZFS MOUNTPPOINT DEPENDENCY FOR USS COMMANDS	PTF
S015249	CONNECTION DETAIL ENHANCED (SD ACTION)	PTF
S015250	CONNECTION DETAIL ENHANCED (SD ACTION)	PTF
S015275	SSI ABEND S-D23 AT NM000S8P+1B6	PTF
S015334	N01101 SOLVE ABEND N-85V-88 UPDATING AOM VARTABLE VIA LOOKUP	PTF
The CA RS 2011 service count for this release is 13		

CA NetMaster
CA RS 2011 Service List for CC11C20

2

FMID	Service	Description	Type
CC11C20	S015088	TCPSECE EVENT DETECTOR (/EDETECT)	PTF
	S015176	SECURE SHELL (SSH) LEVEL MISSING FROM CONNECTION LIST	PTF
	S015177	/CONNT (D.C.T) MISSING SECURITY CIPHER INFORMATION	PTF
	S015192	TELNET SECURITY CIPHER INCORRECT	PTF
	S015227	REMOVE ZFS MOUNTPPOINT DEPENDENCY FOR USS COMMANDS	PTF
	S015249	CONNECTION DETAIL ENHANCED (SD ACTION)	PTF
The CA RS 2011 service count for this FMID is 6			

CA NetMaster
CA RS 2011 Service List for CC2D810

3

FMID	Service	Description	Type
CC2D810	S015275	SSI ABEND S-D23 AT NM000S8P+1B6	PTF
The CA RS 2011 service count for this FMID is 1			

CA NetMaster
CA RS 2011 Service List for CC2D811

FMID	Service	Description	Type
CC2D811	S015096	RAMDB EXPORT LOSES DATA WHEN USING HEX TRANSLATION	PTF
	S015098	\$DSCALL ENDS ABNORMALLY WHEN A BLANK DD NAME IS USED	PTF
	S015217	ADD EXPORT/IMPORT COMMANDS TO /IPAPPLS	PTF
	S015228	REMOVE ZFS MOUNTPOINT DEPENDENCY FOR USS COMMANDS	PTF
	S015250	CONNECTION DETAIL ENHANCED (SD ACTION)	PTF
	S015334	N01101 SOLVE ABEND N-85V-88 UPDATING AOM VARIABLE VIA LOOKUP	PTF
The CA RS 2011 service count for this FMID is 6			

Service	Details
SO15088	SO15088 M.C.S. ENTRIES = ++PTF (SO15088) TCPSECE EVENT DETECTOR (/EDETECT) ENHANCEMENT DESCRIPTION: A new event detector has been added, TCPSECE. This is an enhanced version of the TCPSECLV detector. This new detector has added criteria. These are: Task Name, Local Host Address, Local Port Number, Remote Host Address, Remote Port Number, and Cipher Code (the hexadecimal representation of the cipher suite). NONE has been added as a possible protocol to represent unsecured connections. The selection criteria work as an AND; a connection must satisfy all criteria to create an alert. New protocols also exist that allow you to alert only on the protocol specified, rather than the protocol specified and those less than it. ADDITIONAL INFORMATION: PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5513 Copyright (C) 2020 CA. All rights reserved. R00526-NMS081-SP4 DESC(TCPSECE EVENT DETECTOR (/EDETECT)). ++VER (Z038) FMID (CC11C20) PRE (R092903 R093648 R094555 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S001773 S004418 S004784 S005039 S005122 S005180 S005667 S006076 S006145 S006266 S006414 S006567 S006853 S007269 S008004 S008087 S008206 S008461 S009442 S009566 S009807 S009966 S010120 S010212 S010322 S010524 S011493 S011535 S012032 S012070 S012583 S012840 S014010 S014152 S014247 S014339 S014384 S014612) SUP (S006171 S009076 S009951 S014439 S014697 ST06171 ST07272 ST09076 ST09950 ST09951 ST10081 ST10118 ST14439 ST14697 ST14889 ST15088 TR94553) ++HOLD (SO15088) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20281) COMMENT (<pre> +-----+ CA NetMaster Network Management for TCP/IP 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. </pre>

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 //* +-----+ CA NetMaster Network Management for TCP/I Release 12.2 +-----+ SEQUENCE After Apply. +-----+ PURPOSE Copy the updated PAN@\$IP from the SMP/E target dataset into the product run-time PANLDIS VSAM dataset. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE JCL customization. REQUIRED +-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region PANLDIS VSAM dataset. +-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below to a dataset. 2. Modify the sample JCL to meet your site's requirements. 3. In the scheduled maintenance window, stop all product regions that reference the PANLDIS VSAM dataset. 4. Submit the modified JCL to update the product region PANLDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //PANLIN DD DISP=SHR,DSN=&TGTPREF.CC11VSMI (PAN@\$IP) //PANLOUT DD DISP=SHR,DSN=&DSNPREF.PANLDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * </pre>

Service	Details
	COPY PANELS INDD=PANLIN OUTDD=PANLOUT OPT=INSTALL // *) .

Service	Details
SO15096	SO15096 M.C.S. ENTRIES = ++PTF (SO15096) RAMDB EXPORT LOSES DATA WHEN USING HEX TRANSLATION PROBLEM DESCRIPTION: When using HEX translation to export RAMDB records, to preserve unprintable characters in the data, some data may be lost. SYMPTOMS: A blank line appears in the exported file where data is missing, as shown below: <pre>\$RM92SETVAR2=X'E3C5E7E3F17ED6D7E2C1D3C5D9E340D9C5C1C440C8D6C7F0E7F8F7F2+ 40D6D7E2C4D6C340C9D540D6C74BC8D6C74BD6D7E2C4D6C34BE3C5E7E340BCE2C5E5F4B+ \$RM92SETVAR3=X'E2C5E3E5C1D97ED6D7E2C1D3C5D9E340D9C5C1C440C8D6C7F0E7F8F7+ F240D6D7E2C4D6C340C9D540D6C74BC8D6C74BD6D7E2C4D6C34BE3C5E7E340BCE2C5E5F+</pre> IMPACT: The exported file will create invalid records when imported. 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 2377 Copyright (C) 2020 CA. All rights reserved. R00527-NMS081-SP4 DESC(RAMDB EXPORT LOSES DATA WHEN USING HEX TRANSLATION). ++VER (Z038) FMID (CC2D811) SUP (ST15096)

Service	Details
SO15098	SO15098 M.C.S. ENTRIES = ++PTF (SO15098) \$DSCALL ENDS ABNORMALLY WHEN A BLANK DD NAME IS USED PROBLEM DESCRIPTION: Module \$DSCALL terminates abnormally when called with a blank DD name. SYMPTOMS: The following error messages are found in the Activity Log: NM3040 NCLID 000001: \$DSCALL 4310 ERROR 50 COND ERROR NM3042 ERROR INFORMATION... NM3050 ERROR-CODE: 50 NM3051 MESSAGE: NM2001 REQUIRED OPERAND OMITTED NM3052 COND-NAME: ERROR NM3053 ERROR-LOC: \$DSCALL 4310/8 NM3054 PROCEDURE: \$DSCALL NM3055 SOURCE: DSS_DAS UNALLOC DD=&#DS#DD NM3056 KEYWORD: DD IMPACT: No further processing within the failed process will occur, leading to unpredictable results. 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 CA SOLVE:Access Session Management 5.0 Related Problem: NMS 2378 Copyright (C) 2020 CA. All rights reserved. R00528-NMS081-SP4 DESC(\$DSCALL ENDS ABNORMALLY WHEN A BLANK DD NAME IS USED). ++VER (Z038) FMID (CC2D811) PRE (R092905 S007237 S008882 S013457) SUP (ST15098)

Service	Details
SO15176	SO15176 M.C.S. ENTRIES = ++PTF (SO15176) SECURE SHELL (SSH) LEVEL MISSING FROM CONNECTION LIST PROBLEM DESCRIPTION: SSH protocol details are not shown in connection lists. SYMPTOMS: The /CONNCF list "Level" field displays a "-" for SSH secured connections. IMPACT: SSH connection security details are not available. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5518 Copyright (C) 2020 CA. All rights reserved. R00529-NMS081-SP4 DESC(SECURE SHELL (SSH) LEVEL MISSING FROM CONNECTION LIST). ++VER (Z038) FMID (CC11C20) PRE (R092903 R096837 R097239 S000328 S007269 S012032 S013255) SUP (S011442 ST11442 ST15176)

Service	Details
SO15177	SO15177 M.C.S. ENTRIES = ++PTF (SO15177) /CONNT (D.C.T) MISSING SECURITY CIPHER INFORMATION PROBLEM DESCRIPTION: The Security Cipher field is not set for telnet connection lists. SYMPTOMS: The /CONNT list "Security Cipher" field displays a "-" for TLS secured connections. IMPACT: Connection security details are not available. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5519 Copyright (C) 2020 CA. All rights reserved. R00530-NMS081-SP4 DESC(/CONNT (D.C.T) MISSING SECURITY CIPHER INFORMATION). ++VER (Z038) FMID (CC11C20) PRE (R096708 S000328 S004418 S006567 S006849 S007603 S008087 S009966 S010524 S012030 S012583) SUP (ST00368 ST15177)

Service	Details
SO15192	SO15192 M.C.S. ENTRIES = ++PTF (SO15192) TELNET SECURITY CIPHER INCORRECT PROBLEM DESCRIPTION: 4 byte security ciphers are incorrectly parsed from TELNET application data. SYMPTOMS: The TCP/IP : Connection Detail display field Security Cipher has an incorrect cipher value. IMPACT: Incorrect security details are displayed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5521 Copyright (C) 2020 CA. All rights reserved. R00531-NMS081-SP4 DESC(TELNET SECURITY CIPHER INCORRECT). ++VER (Z038) FMID (CC11C20) PRE (R096708 S000328 S004418 S006145 S006567 S006849 S007603 S008087 S009966 S010524 S012030 S012032 S012583) SUP (SO15177 ST00368 ST15177 ST15192)

Service	Details
SO15217	SO15217 M.C.S. ENTRIES = ++PTF (SO15217) ADD EXPORT/IMPORT COMMANDS TO /IPAPPLS ENHANCEMENT DESCRIPTION: EXPORT and IMPORT primary commands are added to the /IPAPPLS primary menu. ADDITIONAL INFORMATION: These are the same functions as /IPAUTIL EA (Export) and IA (Import) menu options. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5520 Copyright (C) 2020 CA. All rights reserved. R00532-NMS081-SP4 DESC(ADD EXPORT/IMPORT COMMANDS TO /IPAPPLS). ++VER (Z038) FMID (CC2D811) PRE (S009623 S011463) SUP (ST15217) ++HOLD (SO15217) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (20297) COMMENT (<pre> +-----+ CA Management Services Release 8.1 +-----+-----+ SEQUENCE After Apply. +-----+-----+ PURPOSE Copy the updated MOD@\$FA 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@\$FA) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS </pre>

Service	Details
	//SYSPRINT DD SYSOUT=*
	//SYSIN DD *
	COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL
	//*
	). .

Service	Details
S015227	M.C.S. ENTRIES = ++PTF (S015227) REMOVE ZFS MOUNTPPOINT DEPENDENCY FOR USS COMMANDS PROBLEM DESCRIPTION: Unix System Services support requires the NetMaster zFS mountpoint be available (/PARMS ZFS). SYMPTOMS: When the zFS mountpoint is incorrect or unavailable USS commands fail with various errors: UTUSS002 OML UNIX OPEN operation failed, rc=8 fdbk=23 ZFS path not set UTUSS002 OML UNIX OPEN operation failed, rc=8 fdbk=25 NM129 unavailable for execution UTUSS005 UNIX interface not available - path not set IMPACT: USS commands fail if the zFS mountpoint is unavailable/incorrect. CIRCUMVENTION: Ensure the NetMaster zFS install is correct and is mounted before product initialization. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5517 Copyright (C) 2020 CA. All rights reserved. R00533-NMS081-SP4 DESC(REMOVE ZFS MOUNTPPOINT DEPENDENCY FOR USS COMMANDS). ++VER (Z038) FMID (CC11C20) PRE (R093648 S000328 S004418 S004852 S005122 S005667 S006976 S007875 S008508 S013866 S014010 S014119) SUP (S000053 S001885 S004178 S007504 S009499 S011850 S012284 S013047 ST00053 ST01885 ST04178 ST07504 ST08111 ST09499 ST11850 ST12284 ST13047 ST15227) ++IF FMID(CC2D811) REQ(S015228) . ++HOLD (S015227) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20301) COMMENT (-----+ CA NetMaster Network Management for TCP/IP Release 12.2 -----+ SEQUENCE After Apply -----+ PURPOSE Review zFS CC2DZFS usage -----+ USERS All users AFFECTED -----+ KNOWLEDGE Runtime region setup REQUIRED -----+ ACCESS /PARMS REQUIRED -----+ ***** * STEPS TO PERFORM *

Service	Details
	***** >>>BACKGROUND: Previously, NetMaster installations required the availability of a zFS mount point for USS support (specified in /PARMS ZFS). In NetMaster installations, this location was provided in the CC2DZFS dataset. If the mount point was incorrect, or CC2DZFS was unavailable for any reason, users would receive error messages. With this change, users no longer need to ensure that the mount point is correctly specified and that CC2DZFS is available. Now, the installation process dynamically creates the location path in the /tmp directory, the /PARMS USS default location. The /tmp directory contains a Unix socket and a link entry for the NM129 file, and automatically enables communication between the region and USS. Creating the CC2DZFS mount point is no longer necessary to enable USS commands. >>>STEPS TO PERFORM: If you are using a web-enabled product such as MTC-NM, you still need to create/verify the CC2DZFS mount point. If you are not using a web-enabled product such as MTC-NM, you can update /PARMS ZFS to not allocate the CC2DZFS data to the runtime region. CC2DZFS data does not need to be deployed/mounted to remote systems.).

Service	Details														
SO15228	SO15228 M.C.S. ENTRIES = ++PTF (SO15228) REMOVE ZFS MOUNTPOINT DEPENDENCY FOR USS COMMANDS PROBLEM DESCRIPTION: Unix System Services support requires the NetMaster zFS mountpoint be available (/PARMS ZFS). SYMPTOMS: When the zFS mountpoint is incorrect or unavailable USS commands fail with various errors: UTUSS002 OML UNIX OPEN operation failed, rc=8 fdbk=23 ZFS path not set UTUSS002 OML UNIX OPEN operation failed, rc=8 fdbk=25 NM129 unavailable for execution UTUSS005 UNIX interface not available - path not set IMPACT: USS commands fail if the zFS mountpoint is unavailable/incorrect. CIRCUMVENTION: Ensure the NetMaster zFS install is correct and is mounted before product initialization. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5517 Copyright (C) 2020 CA. All rights reserved. R00533-NMS081-SP4 DESC(REMOVE ZFS MOUNTPOINT DEPENDENCY FOR USS COMMANDS). ++VER (Z038) FMID (CC2D811) PRE (R092905 R093893 R094056 R095282 R095430 R096379 R096925 R098093 R098724 R099982 S000416 S001868 S004786 S004853 S005123 S005287 S005668 S006570 S006679 S006908 S007099 S007237 S008509 S010730 S011974 S012842 S013477 S013728 S014011 S014120 S014429) SUP (R094310 R095221 R096650 S000482 S006814 S007528 ST00482 ST06814 ST07528 ST15228 TR94310 TR95221 TR96650) ++IF FMID(CC11C20) REQ(SO15227) . ++HOLD (SO15228) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (20301) COMMENT (<table border="1"> <tr> <td>CA Management Services</td><td>Release 8.1</td></tr> <tr> <td colspan="2"> SEQUENCE After Apply.</td></tr> <tr> <td colspan="2"> PURPOSE Copy the updated MOD@\$NM from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset.</td></tr> <tr> <td colspan="2"> USERS All users.</td></tr> <tr> <td colspan="2"> AFFECTED </td></tr> <tr> <td colspan="2"> KNOWLEDGE JCL customization.</td></tr> <tr> <td colspan="2"> REQUIRED </td></tr> </table> +	CA Management Services	Release 8.1	SEQUENCE After Apply.		PURPOSE Copy the updated MOD@\$NM from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset.		USERS All users.		AFFECTED		KNOWLEDGE JCL customization.		REQUIRED	
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Service	Details
	<pre> ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below to a dataset. 2. Modify the sample JCL to meet your site's requirements. 3. In the scheduled maintenance window, stop all product regions that reference the MODSDIS VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. //MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$NM) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*</pre>
	<pre> +-----+-----+ CA Management Services Release 8.1 +-----+-----+ SEQUENCE After Apply. +-----+-----+ PURPOSE Copy the updated MOD@\$UT 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@\$UT) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS </pre>

Service	Details
	<pre>//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 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 //*).</pre>

Service	Details
SO15249	SO15249 M.C.S. ENTRIES = ++PTF (SO15249) CONNECTION DETAIL ENHANCED (SD ACTION) ENHANCEMENT DESCRIPTION: The Connection Details: TCP panel (SD action on a connection list) is updated to include new fields provided by the EZBNMIFR interface. These are: Auto Delay Ack?, Delay Ack?, Receive Window, Receive Right Sizing, Send Right Sizing, Time Stamp, Time Stamp Age, Trusted Partner, ATTLS Session Id, Ancillary Queue, Bulkdata Interface, SMC-R Cached?, SMC-R Status, SMC-R Reason, SMC-D Cached? SMC-D Status, SMC-D Reason, SMC Local Link, SMC Local Buffer, SMC Remote Link, SMC Remote Buffer. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5510 Copyright (C) 2020 CA. All rights reserved. R00534-NMS081-SP4 DESC(CONNECTION DETAIL ENHANCED (SD ACTION)). ++VER (Z038) FMID (CC11C20) PRE (R092903 R093648 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S004418 S004784 S005039 S005122 S005667 S006076 S006145 S006567 S006853 S007269 S008004 S008206 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015192) SUP (R094555 S005180 ST05180 ST07272 ST14969 ST15249 TR94553 TR94555) ++IF FMID(CC2D811) REQ(S015250) . ++HOLD (SO15249) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (20294) COMMENT (<pre> +-----+ CA NetMaster Network Management for TCP/IP 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>

Service	Details
SO15250	SO15250 M.C.S. ENTRIES = ++PTF (SO15250) CONNECTION DETAIL ENHANCED (SD ACTION) ENHANCEMENT DESCRIPTION: The Connection Details: TCP panel (SD action on a connection list) is updated to include new fields provided by the EZBNMIFR interface. These are: Auto Delay Ack?, Delay Ack?, Receive Window, Receive Right Sizing, Send Right Sizing, Time Stamp, Time Stamp Age, Trusted Partner, ATTLS Session Id, Ancillary Queue, Bulkdata Interface, SMC-R Cached?, SMC-R Status, SMC-R Reason, SMC-D Cached? SMC-D Status, SMC-D Reason, SMC Local Link, SMC Local Buffer, SMC Remote Link, SMC Remote Buffer. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMTIP 5510 Copyright (C) 2020 CA. All rights reserved. R00534-NMS081-SP4 DESC(CONNECTION DETAIL ENHANCED (SD ACTION)). ++VER (Z038) FMID (CC2D811) PRE (R098217 S000330 S009968 S012034) SUP (ST14970 ST15250) ++IF FMID(CC11C20) REQ(S015249) .

Service	Details
SO15275	SO15275 M.C.S. ENTRIES = ++PTF (SO15275) SSI ABEND S-D23 AT NM000S8P+1B6 PROBLEM DESCRIPTION: The SSI region terminates abnormally with ABEND S-D23 when issuing a WTO that is larger than 126 bytes. SYMPTOMS: The SSI region ABENDs and the following messages are written to the JES message log: *NS9501 NMSSI ABEND S-D23 SSID=ssid JN=jobname DT=yyyyddd TM=hhmmssstt *NS9502 SRC=SE PRD=NMSSI REL=R8.1 SP=00 ABC=S-D23 *NS9503 ALM=NMSSI ALO=000227FE ACS=NM000S8P ACO=000001B6 IMPACT: The NetMaster SSI terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster Network Management for TCP/IP r12.1 CA NetMaster File Transfer Management 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 Automation r12.2 Related Problem: NMS 2380 Copyright (C) 2020 CA. All rights reserved. R00535-NMS081-SP4 DESC(SS I ABEND S-D23 AT NM000S8P+1B6). ++VER (Z038) FMID (CC2D810) SUP (ST15275)

Service	Details																																								
SO15334	SO15334 M.C.S. ENTRIES = ++PTF (SO15334) N01101 SOLVE ABEND N-85V-88 UPDATING AOM VARTABLE VIA LOOKUP PROBLEM DESCRIPTION: If contention occurs on an AOM mirrored VARTABLE due to updates from multiple tasks, the region abends due to an internal logic error. For contention to occur, user exit code (e.g message exit \$RMAOMMX) must use the screening table LOOKUP verb to update an AOM VARTABLE. If the VARTABLE is also being updated on the region (e.g. by a secondary AOM procedure), the abend will occur. SYMPTOMS: The following messages appear in the system log for SOLVE:Operations Automation V5.0: N01101 SOLVE ABEND N-85V-88 ID=nmid JN=jobname DT=yyyddd N01102 SRC=AB PRD=SOLVE INTLVL=050300 SP=0703 ABC=N-85V-88 N01103 ALM=NM006001 ALO=000229FA ACS=NM00085V ACO=00000E72 The code offset will be 00000E74 in later releases. IMPACT: The region abends and must be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA SOLVE:Operations Automation V5.0 CA SOLVE:Operations Automation for CICS V5.0 CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 CA NetMaster Network Management for SNA r12.0 Related Problem: NMS 2382 Copyright (C) 2020 CA. All rights reserved. R00536-NMS081-SP4 DESC(N01101 SOLVE ABEND N-85V-88 UPDATING AOM VARTABLE VIA LOOKUP). ++VER (Z038) FMID (CC2D811) SUP (ST15334) <table> <tr> <td>MCS</td><td>SO15088</td><td>STARTS ON PAGE 0002</td></tr> <tr> <td>MCS</td><td>SO15096</td><td>STARTS ON PAGE 0004</td></tr> <tr> <td>MCS</td><td>SO15098</td><td>STARTS ON PAGE 0005</td></tr> <tr> <td>MCS</td><td>SO15176</td><td>STARTS ON PAGE 0006</td></tr> <tr> <td>MCS</td><td>SO15177</td><td>STARTS ON PAGE 0007</td></tr> <tr> <td>MCS</td><td>SO15192</td><td>STARTS ON PAGE 0007</td></tr> <tr> <td>MCS</td><td>SO15217</td><td>STARTS ON PAGE 0008</td></tr> <tr> <td>MCS</td><td>SO15227</td><td>STARTS ON PAGE 0010</td></tr> <tr> <td>MCS</td><td>SO15228</td><td>STARTS ON PAGE 0011</td></tr> <tr> <td>MCS</td><td>SO15249</td><td>STARTS ON PAGE 0015</td></tr> <tr> <td>MCS</td><td>SO15250</td><td>STARTS ON PAGE 0016</td></tr> <tr> <td>MCS</td><td>SO15275</td><td>STARTS ON PAGE 0017</td></tr> <tr> <td>MCS</td><td>SO15334</td><td>STARTS ON PAGE 0018</td></tr> </table>		MCS	SO15088	STARTS ON PAGE 0002	MCS	SO15096	STARTS ON PAGE 0004	MCS	SO15098	STARTS ON PAGE 0005	MCS	SO15176	STARTS ON PAGE 0006	MCS	SO15177	STARTS ON PAGE 0007	MCS	SO15192	STARTS ON PAGE 0007	MCS	SO15217	STARTS ON PAGE 0008	MCS	SO15227	STARTS ON PAGE 0010	MCS	SO15228	STARTS ON PAGE 0011	MCS	SO15249	STARTS ON PAGE 0015	MCS	SO15250	STARTS ON PAGE 0016	MCS	SO15275	STARTS ON PAGE 0017	MCS	SO15334	STARTS ON PAGE 0018
MCS	SO15088	STARTS ON PAGE 0002																																							
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MCS	SO15334	STARTS ON PAGE 0018																																							

CA NetMaster 12.2
CA RS 2011 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 2011 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2011	S015334	CC2D811
	S015275	CC2D810
	S015250	CC2D811
	S015249	CC11C20
	S015228	CC2D811
	S015227	CC11C20
	S015217	CC2D811
	S015192	CC11C20
	S015177	CC11C20
	S015176	CC11C20
	S015098	CC2D811
	S015096	CC2D811
	S015088	CC11C20
CAR2010	S014907	CC17C20
	S014906	CC11C20
	S014890	CC2D811
	S014855	CC2D810
	S014697	CC11C20
	S014612	CC11C20
CAR2009	S014546	CC2D811
	S014469	CC2D811
	S014439	CC11C20
	S014431	CC2D811
	S014429	CC2D811
	S014398	CC2D811
	S014384	CC11C20
	S014344	CC2D811
	S014339	CC11C20
	S014301	CC2D811
	S014253	CC2D811
	S014250	CC2D811
	S014248	CC2D811
	S014247	CC11C20
	S014011	CC2D811
	S014010	CC11C20
CAR2008	S014196	CC2D811
	S014195	CC2D811
	S014170	CC2D811
	S014152	CC11C20
	S014120	CC2D811
	S014119	CC11C20
	S014118	CC2D811
	S014074	CC11C20
	S014044	CC2D811
	S013972	CC2D811
	S013929	CC2D810
	S013866	CC11C20

CA RS Level	Service	FMID
	S013733	CC17C20
	S013728	CC2D811
	S013703	CC18C20
	S013457	CC2D811
CAR2007	S013692	CC2D811
	S013691	CC2D810
	S013579	CC2D811
	S013563	CC2D810
	S013546	CC2D811
	S013477	CC2D811
	S013476	CC2D810
	S013433	CC2D811
	S013412	CC2D811
	S013372	CC2D811
	S013371	CC11C20
	S012143	CC2D810
CAR2006	S013257	CC2D811
	S013256	CC2D810
	S013255	CC11C20
	S013252	CC2D811
	S013251	CC11C20
	S013244	CC11C20
	S013220	CC2D811
	S013201	CC11C20
	S013148	CC11C20
	S013113	CC2D811
	S013047	CC11C20
	S013043	CC2D811
	S012993	CC2D811
	S012842	CC2D811
	S012840	CC11C20
CAR2005	S012955	CC2D811
	S012918	CC2D810
	S012886	CC2D811
	S012885	CC2D810
	S012855	CC2D811
	S012839	CC2D811
	S012704	CC2D811
	S012615	CC2D811
	S012602	CC2D811
	S012584	CC2D811
	S012583	CC11C20
	S012542	CC2D811
CAR2004	S012519	CC11C20
	S012514	CC11C20
	S012510	CC2D811
	S012466	CC2D811

CA RS Level	Service	FMID
	S012384	CC2D811
	S012370	CC2D811
	S012335	CC2D811
	S012284	CC11C20
	S012188	CC2D810
	S012167	CC2D811
	S012144	CC2D811
	S012121	CC2D811
CAR2003	S012070	CC11C20
	S012035	CC2D811
	S012034	CC2D811
	S012033	CC2D810
	S012032	CC11C20
	S012030	CC11C20
	S011991	CC2D811
	S011974	CC2D811
	S011922	CC11C20
	S011850	CC11C20
	S011536	CC2D811
	S011535	CC11C20
CAR2002	S011493	CC11C20
	S011463	CC2D811
	S011462	CC2D810
	S011442	CC11C20
	S011381	CC2D811
	S011332	CC2D811
	S010322	CC11C20
CAR2001	S011284	CC2D811
	S011283	CC2D810
	S011266	CC2D810
	S011216	CC11C20
	S011152	CC2D811
	S011008	CC18C20
CAR1912	S010961	CC2AC20
	S010954	CC2D811
	S010892	CC2D811
	S010850	CC11C20
	S010844	CC2D811
	S010833	CC11C20
	S010730	CC2D811
	S010605	CC18C20
	S010524	CC11C20
CAR1911	S010603	CC2D811
	S010551	CC2D811
	S010550	CC2D810
	S010259	CC2D811
	S010252	CC2D811

CA NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	S010213	CC2D811
	S010212	CC11C20
	S010152	CC2D810
	S009719	CC2D811
CAR1910	S010138	CC2D811
	S010121	CC2D811
	S010120	CC11C20
	S010079	CC11C20
	S009971	CC2D811
	S009968	CC2D811
	S009967	CC2D810
	S009966	CC11C20
	S009951	CC11C20
	S009882	CC2D811
	S009841	CC2D811
	S009834	CC2D811
	S009807	CC11C20
	S009775	CC11C20
	S009324	CC2D811
	S009323	CC2D810
	S008493	CC18C20
CAR1909	S009755	CC11C20
	S009641	CC2D811
	S009623	CC2D811
	S009577	CC2D811
	S009567	CC2D811
	S009566	CC11C20
	S009553	CC2D811
	S009548	CC11C20
	S009541	CC11C20
	S009499	CC11C20
	S009480	CC2D810
	S009442	CC11C20
	S009414	CC2D811
CAR1908	S009441	CC2D811
	S009368	CC11C20
	S009298	CC11C20
	S009276	CC11C20
	S009255	CC2D811
	S009123	CC2D811
	S009076	CC11C20
CAR1907	S009077	CC11C20
	S008882	CC2D811
	S008877	CC2D811
	S008821	CC2D811
	S008702	CC2D811
	S008692	CC2D811

CA RS Level	Service	FMID
	S008562	CC2D811
CAR1906	S008546	CC2D811
	S008509	CC2D811
	S008508	CC11C20
	S008492	CC2D811
	S008483	CC11C20
	S008463	CC2D811
	S008461	CC11C20
	S008411	CC2D810
	S008265	CC2D811
	S008260	CC11C20
	S008238	CC2D811
	S008206	CC11C20
CAR1905	S008103	CC2D811
	S008089	CC2D811
	S008087	CC11C20
	S008064	CC17C20
	S008050	CC11C20
	S008004	CC11C20
	S008001	CC2D811
	S007998	CC2D811
CAR1904	S007781	CC2D811
	S007770	CC2D811
	S007708	CC2D810
	S007664	CC2D811
	S007613	CC2D811
	S007603	CC11C20
	S007599	CC2D811
	S007528	CC2D811
	S007505	CC11C20
	S007504	CC11C20
	S007313	CC2D810
	S007278	CC11C20
	S007270	CC2D810
	S007269	CC11C20
	S007099	CC2D811
	S007095	CC2D811
	S007094	CC2D810
CAR1903	S007516	CC2D810
	S007506	CC2D811
	S007469	CC2D811
	S007446	CC2D811
	S007443	CC2D811
	S007410	CC2D811
	S007368	CC2D810
	S007333	CC2D811
	S007072	CC2D811

CA RS Level	Service	FMID
	S006976	CC11C20
	S006917	CC18C20
	S006908	CC2D811
	S006570	CC2D811
CAR1902	S006997	CC2D811
	S006982	CC11C20
	S006893	CC2D811
	S006853	CC11C20
	S006849	CC11C20
	S006814	CC2D811
	S006806	CC17C20
	S006765	CC2D811
	S006764	CC2D810
	S006679	CC2D811
CAR1901	S006597	CC2D811
	S006567	CC11C20
	S006561	CC11C20
	S006415	CC2D810
	S006414	CC11C20
	S006406	CC11C20
	S006222	CC2D811
	S006145	CC11C20
	S006141	CC2D811
CAR1812	S006478	CC2D811
	S006416	CC2D811
	S006367	CC2AC20
	S006267	CC2D811
	S006266	CC11C20
	S006209	CC11C20
	S006201	CC11C20
	S006181	CC11C20
	S006171	CC11C20
	S006169	CC11C20
	S006144	CC2D811
	S006082	CC2D811
	S006076	CC11C20
	S006008	CC2D811
	S005937	CC2D811
	S004962	CC2D810
CAR1811	S006043	CC2D811
	S006002	CC2AC20
	S005983	CC2D811
	S005946	CC11C20
	S005926	CC2D811
	S005920	CC11C20
	S005914	CC2D811
	S005907	CC2D811

CA NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	S005748	CC2D811
	S005702	CC2D811
	S005701	CC11C20
	S005698	CC2D810
CAR1810	S005668	CC2D811
	S005667	CC11C20
	S005655	CC11C20
	S005566	CC2D811
	S005537	CC2D811
	S005416	CC2D811
	S005390	CC2D811
	S005347	CC2D811
	S005287	CC2D811
	S005180	CC11C20
	S005123	CC2D811
	S005122	CC11C20
	S004786	CC2D811
CAR1809	S005174	CC2D811
	S005039	CC11C20
	S004922	CC2D810
	S004909	CC2D810
	S004901	CC2D811
	S004853	CC2D811
	S004852	CC11C20
	S004787	CC2D811
	S004784	CC11C20
	S004420	CC2D811
	S004419	CC2D810
	S004418	CC11C20
CAR1808	S004676	CC2D811
	S004562	CC2D810
	S004556	CC2D811
	S004517	CC2D811
	S004449	CC11C20
	S004365	CC2D811
	S004314	CC11C20
	S004290	CC2D810
	S004199	CC2D811
	S004185	CC11C20
	S004160	CC2D811
	S004118	CC2D811
	S001772	CC2D811
	S001771	CC2D810
CAR1807	S004178	CC11C20
	S003897	CC2D811
	S003840	CC2D811
	S001392	CC2D811

CA RS Level	Service	FMID
CAR1806	S003728	CC2D811
	S003720	CC2D811
	S003719	CC11C20
	S001885	CC11C20
	S001868	CC2D811
	S001781	CC2D811
	S001779	CC2D811
	S001773	CC11C20
	S001455	CC2D811
	S001333	CC2D810
	S001309	CC2D811
	S001155	CC2D811
CAR1805	S001106	CC2D811
	S001067	CC2D810
	S001047	CC2D811
	S001024	CC2D811
	S001023	CC2D810
CAR1804	S000851	CC2D811
	S000837	CC2D811
	S000825	CC2D811
	S000791	CC2D811
	S000789	CC2D811
	S000689	CC11C20
	S000665	CC2D811
	S000614	CC2D811
	S000612	CC2D811
	S000611	CC2D810
	S000686	CC2D811
	S000610	CC17C20
CAR1803	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

CA RS Level	Service	FMID
	R099957	CC2D811
CAR1802	S000085	CC11C20
	S000069	CC2D811
	S000053	CC11C20
	S000050	CC2D811
	R099982	CC2D811
	R099970	CC11C20
	R099727	CC2D811
	R099633	CC2D811
	R099615	CC2D811
	R099594	CC11C20
	R099097	CC2D81R
CAR1801	R099630	CC2D811
	R099583	CC2D811
	R099527	CC2D811
	R099510	CC11C20
	R099508	CC11C20
	R099429	CC11C20
	R099264	CC2D811
	R099245	CC2D811
	R099127	CC2D811
	R099126	CC11C20
CAR1712	R099185	CC11C20
	R098979	CC2D811
	R098947	CC2D811
	R098905	CC11C20
	R098874	CC2D811
	R098847	CC2D811
	R098761	CC11C20
	R098724	CC2D811
CAR1711	R098750	CC2D811
	R098721	CC2D811
	R098679	CC2D811
	R098612	CC11C20
	R098588	CC11C20
	R098524	CC11C20
	R098480	CC2D811
	R098400	CC11C20
	R098351	CC2D811
	R098308	CC11C20
	R098296	CC2D811
	R098295	CC11C20
	R098237	CC2D811
	R098230	CC2D810
	R098217	CC2D811
	R098216	CC11C20
	R098214	CC2D811

CA RS Level	Service	FMID
	R098166	CC11C20
	R098054	CC2D811
	R097959	CC2D811
	R097845	CC2D811
	R097098	CC2D810
	R096699	CC2D810
	R094139	CC11C20
CAR1710	R098093	CC2D811
	R098092	CC17C20
	R098065	CC2D811
	R097860	CC2D811
	R097840	CC2D810
	R097768	CC2D811
	R097748	CC2D811
	R097732	CC2D810
	R097119	CC2D810
CAR1709	R097653	CC2D811
	R097641	CC2D810
	R097609	CC2D811
	R097377	CC11C20
	R097359	CC2D810
	R097279	CC2D811
	R097240	CC2D811
	R097239	CC11C20
	R096995	CC2D811
	R096925	CC2D811
	R096733	CC11C20
	R095282	CC2D811
CAR1708	R097261	CC11C20
	R096837	CC11C20
	R096710	CC2D811
	R096709	CC17C20
	R096708	CC11C20
	R096703	CC11C20
CAR1707	R096650	CC2D811
	R096380	CC2D810
	R096379	CC2D811
	R096378	CC11C20
CAR1706	R096058	CC2D811
	R095472	CC18C20
	R095433	CC2D811
CAR1705	R095759	CC2D811
	R095430	CC2D811
	R095313	CC2D810
	R094634	CC18C20
CAR1704	R095221	CC2D811
	R095172	CC11C20

CA RS Level	Service	FMID
	R094983	CC2D811
	R094942	CC2D811
	R094940	CC2D810
	R094919	CC11C20
	R094885	CC11C20
	R094828	CC11C20
	R094653	CC2D811
	R094545	CC2D811
CAR1703	R094555	CC11C20
	R094546	CC18C20
	R094484	CC2D811
	R094483	CC11C20
	R094445	CC2D810
	R094411	CC2D810
	R094382	CC2D810
	R094365	CC2D811
	R094350	CC2D811
	R094310	CC2D811
	R094278	CC11C20
	R093966	CC2D811
	R093965	CC17C20
CAR1702	R094137	CC2D811
	R094081	CC2D811
	R094056	CC2D811
	R094026	CC17C20
	R093974	CC2D810
	R093936	CC11C20
	R093893	CC2D811
	R093887	CC2D811
	R093829	CC2D811
	R093828	CC2D810
	R093648	CC11C20
CAR1701	R093589	CC2D811
	R093546	CC2D811
	R093539	CC11C20
	R093538	CC11C20
	R093476	CC2D811
	R093288	CC2D810
CAR1612	R093308	CC2D810
	R093195	CC2D810
	R093074	CC2D811
	R092957	CC2D811
	R092956	CC2D810
	R092955	CC2D810
	R092907	CC2D811
	R092906	CC2D810
	R092905	CC2D811

CA RS Level	Service	FMID
	R092904	CC2D810
	R092903	CC11C20