

NetMaster 12.2
CA RS 2204 Service List

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Service	Description	Type
LU04585	NMSSI ABEND N-FAY-00	PTF
LU04750	SHORT ON STORAGE WHEN USING ZERT DETAIL	PTF
LU04751	SHORT ON STORAGE WHEN USING ZERT DETAIL	PTF
LU04802	SHORT ON STORAGE WHEN USING ZERT DETAIL	PTF
LU04831	Z/OSMF CONFIGURATION EMPTY VARIABLES AND JCL ERROR	PTF
LU04916	/IPAPPLS EXPORT COMMAND ASSIGNED TO INCORRECT PFKEY	PTF
LU04991	SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON	PTF
LU04992	SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON	PTF
LU05082	RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
LU05083	RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
LU05149	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU05166	DISPLAYING FILE TRANSFER LOG TERMINATES WITH RMCALL21	PTF
LU05184	NM1010 ARGUMENT 1 TO BUILTIN FUNCTION: DIGEST IS NOT VALID.	PTF
LU05204	ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS	PTF
LU05205	ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS	PTF
LU05246	TCPSECE NOT ALERTING FOR SHORT CONNECTIONS	PTF
LU05256	ABEND SOD5 IN NM00017L DURING SHUTDOWN	PTF
The CA RS 2204 service count for this release is 17		

NetMaster
CA RS 2204 Service List for CC11C20

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FMID	Service	Description	Type
CC11C20	LU04750	SHORT ON STORAGE WHEN USING ZERT DETAIL	PTF
	LU04991	SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON	PTF
	LU05082	RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
	LU05184	NM1010 ARGUMENT 1 TO BUILTIN FUNCTION: DIGEST IS NOT VALID.	PTF
	LU05204	ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS	PTF
The CA RS 2204 service count for this FMID is 5			

NetMaster
CA RS 2204 Service List for CC17C20

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FMID	Service	Description	Type
CC17C20	LU05166	DISPLAYING FILE TRANSFER LOG TERMINATES WITH RMCALL21	PTF
The CA RS 2204 service count for this FMID is 1			

NetMaster
CA RS 2204 Service List for CC2D810

FMID	Service	Description	Type
CC2D810	LU04585	NMSSI ABEND N-FAY-00	PTF
	LU04751	SHORT ON STORAGE WHEN USING ZERT DETAIL	PTF
	LU04992	SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON	PTF
	LU05246	TCPSECE NOT ALERTING FOR SHORT CONNECTIONS	PTF
The CA RS 2204 service count for this FMID is 4			

NetMaster
CA RS 2204 Service List for CC2D811

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FMID	Service	Description	Type
CC2D811	LU04802	SHORT ON STORAGE WHEN USING ZERT DETAIL	PTF
	LU04831	Z/OSMF CONFIGURATION EMPTY VARIABLES AND JCL ERROR	PTF
	LU04916	/IPAPPLS EXPORT COMMAND ASSIGNED TO INCORRECT PFKEY	PTF
	LU05083	RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG	PTF
	LU05149	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU05205	ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS	PTF
	LU05256	ABEND S0D5 IN NM00017L DURING SHUTDOWN	PTF
The CA RS 2204 service count for this FMID is 7			

NetMaster 12.2
CA RS 2204 - PTF LU04585 Details

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Service	Details
LU04585	LU04585 M.C.S. ENTRIES = ++PTF (LU04585) NMSSI ABEND N-FAY-00 PROBLEM DESCRIPTION: The SSI region Packet Analyzer subtask terminates abnormally with ABEND N-FAY-00 when the RAD Record Scavenger frees RAD records that are currently in use. SYMPTOMS: The subtask ABENDs and the following messages are written to the JES message log: NZ8601 NMSSI ABEND N-FAY-00 JN=jobname DT=yyyddd TM=hhmmsstt NZ8602 SRC=AB PRD=NMSSI VRS=V8.1 PUT=00 ABC=N-FAY-00 NZ8603 ALM=NMSSI057 ALO=0008621A ACS=NM000FAY ACO=000002FA IMPACT: The SSI region terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16092 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00679-NMS081 DESC(NMSSI ABEND N-FAY-00). ++VER (Z038) FMID (CC2D810) PRE (LU01220 LU03697 LU03778 R092904 R097119 R097840 S000329 S009967 S012033 S015812) SUP (LT04585 R098230 S012188 ST12188 TR98230)

Service	Details
LU04750	LU04750 M.C.S. ENTRIES = ++PTF (LU04750) SHORT ON STORAGE WHEN USING ZERT DETAIL PROBLEM DESCRIPTION: High volumes of zERT detail records being queued to the NetMaster region result in short on storage in the SSI. SYMPTOMS: The SSI abends with a short on storage condition. The system log contains: IEF402I jjjjjjjj FAILED IN ADDRESS SPACE xxxx SYSTEM ABEND S40D - REASON CODE 10 IMPACT: The SSI terminates. CIRCUMVENTION: In /IPAPPLS reduce the use of DELIVER options. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16068 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00680-NMS081 DESC(SHORT ON STORAGE WHEN USING ZERT DETAIL). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01517 LU01708 LU02086 LU02255 LU02511 LU02699 LU03177 LU03389 LU03447 LU03692 LU03777 R092903 R093648 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S001773 S004418 S004784 S005039 S005122 S005667 S006076 S006145 S006266 S006567 S006849 S006853 S007269 S007603 S008004 S008087 S008206 S008461 S009442 S009566 S009807 S009966 S010120 S010212 S010322 S010524 S011493 S011535 S012030 S012032 S012070 S012583 S012840 S014010 S014152 S014247 S014339 S014384 S014612 S014697 S015088 S015177 S015192 S015249 S015836 S015985 S016115 S016313) SUP (LT04008 LT04750 LU04008 R094555 S005180 S006171 S009076 S009951 S014439 S016003 S016220 S016299 ST00368 ST05180 ST06171 ST07272 ST09076 ST09950 ST09951 ST10081 ST10118 ST14439 ST16003 ST16220 ST16299 TR94553 TR94555) ++IF FMID(CC2D810) REQ(LU04751) . ++IF FMID(CC2D811) REQ(LU04802) . ++HOLD (LU04750) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (22073) COMMENT (<pre> +-----+ 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. +-----+-----+ </pre>

Service	Details
	<pre> 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 //* +-----+ NetMaster Network Management for TCP/IP Release 12.2 +-----+ SEQUENCE Before Restart +-----+ PURPOSE Ensure the SSI is updated before the NetMaster region. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE Product Administration. REQUIRED +-----+ ACCESS System commands. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Stop and Start the NetMaster SSI region. 2. Stop the NetMaster region. 3. Run the NMVIP job described in the HOLDDATA. 4. Start the NetMaster region.).</pre>

Service	Details
LU04751	LU04751 M.C.S. ENTRIES = ++PTF (LU04751) SHORT ON STORAGE WHEN USING ZERT DETAIL PROBLEM DESCRIPTION: High volumes of zERT detail records being queued to the NetMaster region result in short on storage in the SSI. SYMPTOMS: The SSI abends with a short on storage condition. The system log contains: IEF402I jjjjjjjj FAILED IN ADDRESS SPACE xxxx SYSTEM ABEND S40D - REASON CODE 10 IMPACT: The SSI terminates. CIRCUMVENTION: In /IPAPPLS reduce the use of DELIVER options. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16068 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00680-NMS081 DESC(SHORT ON STORAGE WHEN USING ZERT DETAIL). ++VER (Z038) FMID (CC2D810) PRE (LU03697 LU03778 R092904 S000329 S004419 S009967 S011283 S012143) SUP (AS05698 LT04751 S005698 S007516 ST05698 ST07516) ++IF FMID(CC2D811) REQ(LU04802) . ++IF FMID(CC11C20) REQ(LU04750) . ++HOLD (LU04751) SYSTEM FMID(CC2D810) REASON (ACTION) DATE (22073) COMMENT (<pre> +-----+ Unicenter NetMaster Management Services Release 8.1 +-----+-----+ SEQUENCE Before Restart +-----+-----+ PURPOSE Ensure the SSI is updated before the NetMaster region. +-----+-----+ USERS All users. AFFECTED +-----+-----+ KNOWLEDGE Product Administration. REQUIRED +-----+-----+ ACCESS System commands. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Stop and start the NetMaster SSI region. 2. Stop and start the NetMaster region.).</pre>

Service	Details
LU04802	LU04802 M.C.S. ENTRIES = ++PTF (LU04802) SHORT ON STORAGE WHEN USING ZERT DETAIL PROBLEM DESCRIPTION: High volumes of zERT detail records being queued to the NetMaster region result in short on storage in the SSI. SYMPTOMS: The SSI abends with a short on storage condition. The system log contains: IEF402I jjjjjjjj FAILED IN ADDRESS SPACE xxxx SYSTEM ABEND S40D - REASON CODE 10 IMPACT: The SSI terminates. CIRCUMVENTION: In /IPAPPLS reduce the use of DELIVER options. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16068 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00680-NMS081 DESC(SHORT ON STORAGE WHEN USING ZERT DETAIL). ++VER (Z038) FMID (CC2D811) PRE (LU03336 LU03698 S006597 S012615 S013728 S015626) SUP (LT04802 R099527 TR99527) ++IF FMID(CC2D810) REQ(LU04751) . ++IF FMID(CC11C20) REQ(LU04750) . ++HOLD (LU04802) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (22073) COMMENT (<pre> +-----+ Unicenter NetMaster Management Services Release 8.1 +-----+-----+ SEQUENCE After Apply. +-----+-----+ PURPOSE Copy the updated MOD@SAM from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. +-----+-----+ USERS All users. AFFECTED +-----+-----+ KNOWLEDGE JCL customization. REQUIRED +-----+-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Copy the sample JCL below to a dataset. 2. Modify the sample JCL to meet your site's requirements. 3. In the scheduled maintenance window, stop all product regions that </pre>

Service	Details
	reference the MODSDIS VSAM dataset. 4. Submit the modified JCL to update the product region MODSDIS VSAM dataset. 5. Start the product regions that were stopped. <pre>//MYUSERV JOB ACCT,CLASS=A,MSGCLASS=X,NOTIFY=&SYSUID //NMVIP EXEC PGM=NMVIP //STEPLIB DD DISP=SHR,DSN=&TGTPREF.CC2DPLD //MODSIN DD DISP=SHR,DSN=&TGTPREF.CC2DVSMI (MOD@\$AM) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details
LU04831	LU04831 M.C.S. ENTRIES = ++PTF (LU04831) Z/OSMF CONFIGURATION EMPTY VARIABLES AND JCL ERROR PROBLEM DESCRIPTION: z/OSMF Region Configuration problems: - Properties file refers to incorrect variables and are thus not used. - Storage input variables are not primed with initial values. - IPFILE migration JCL is incorrect, refers to MSDB dataset. SYMPTOMS: - Empty variables. - JCL error for IPFILE migration. IMPACT: Manual updates are required and jcl error. CIRCUMVENTION: Manual updates. PRODUCT(S) AFFECTED: NetMaster Management Services Release 8.1 Related Problem: NMS 16268 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00681-NMS081 DESC(Z/OSMF CONFIGURATION EMPTY VARIABLES AND JCL ERROR). ++VER (Z038) FMID (CC2D811) PRE (LU02872 LU03698 S013780) SUP (LT04831)

Service	Details
LU04916	LU04916 M.C.S. ENTRIES = ++PTF (LU04916) /IPAPPLS EXPORT COMMAND ASSIGNED TO INCORRECT PFKEY PROBLEM DESCRIPTION: /IPAPPLS Export command PFKEY is assigned to PF10 which is normally used for LEFT action. This fix changes the Export command to PF12. SYMPTOMS: The Export action is performed when PF10 is used to go LEFT. IMPACT: Unwanted export and screen does not go LEFT. CIRCUMVENTION: Manually issue LEFT command. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16331 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00684-NMS081 DESC(/IPAPPLS EXPORT COMMAND ASSIGNED TO INCORRECT PFKEY). ++VER (Z038) FMID (CC2D811) PRE (LU03698 S011463 S015217) SUP (LT04916)

Service	Details
LU04991	LU04991 M.C.S. ENTRIES = ++PTF (LU04991) SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON PROBLEM DESCRIPTION: Nondisplayable characters appear in the generated business application name and are not able to be processed by the Mainframe Team Center NMI web interface. SYMPTOMS: The Mainframe Team Center NMI display shows: parsererror: 200 SyntaxError: Unexpected token in JSON at position 3388 IMPACT: The NetMaster Business Applications data is not accessible via the MTC NMI interface. CIRCUMVENTION: In /IPAPPLS specify Generate Name options that do not use the STC name field. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16390 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00685-NMS081 DESC(SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON) . ++VER (Z038) FMID (CC11C20) PRE (LU01299 LU02699 LU03692 LU03777 R096837 S000328 S004314 S005920 S008050 S012583 S014247 S015836 S016115) SUP (LT04991 S004185 ST04185) ++IF FMID(CC2D810) REQ(LU04992) .

Service	Details
LU04992	LU04992 M.C.S. ENTRIES = ++PTF (LU04992) SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON PROBLEM DESCRIPTION: Nondisplayable characters appear in the generated business application name and are not able to be processed by the Mainframe Team Center NMI web interface. SYMPTOMS: The Mainframe Team Center NMI display shows: parsererror: 200 SyntaxError: Unexpected token in JSON at position 3388 IMPACT: The NetMaster Business Applications data is not accessible via the MTC NMI interface. CIRCUMVENTION: In /IPAPPLS specify Generate Name options that do not use the STC name field. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16390 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00685-NMS081 DESC(SYNTAXERROR:JSON.PARSE: UNEXPECTED TOKEN IN JSON) . ++VER (Z038) FMID (CC2D810) PRE (LU03697 R094445 S000329) SUP (LT04992) ++IF FMID(CC11C20) REQ(LU04991) .

Service	Details
LU05082	LU05082 M.C.S. ENTRIES = ++PTF (LU05082) RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG ENHANCEMENT DESCRIPTION: Add further significant NetMaster operational messages to appear in the system log. Examples are: * IPDI52xx messages, which relate to the improper installation of the Unix System Services Interface. * IPDI527A * IPDI527B * IPDI527C * IPDI527F * IPDI5277 * IPDI5278 * IPDI5279 * Additional USS error messages regarding UNIX system Services Path information. * BAINWI64 * BAINWI67 * BAINWI68 For a complete list go to /RW and generate a report where Report Appl is \$ADMS, Report Name is \$SUMMARY and the Test field (criteria) is &\$ms10wtomsg='YES' PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 SOLVE:FTS r12.2 Related Problem: NMS 16466 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00688-NMS081 DESC(RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG) . ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01517 LU01708 LU02086 LU02511 LU02699 LU03177 LU03389 LU03447 LU03692 LU03777 LU04750 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 S015249 S015836 S015985 S016115 S016313) SUP (LT05082 R094555 S005180 S016003 S016299 ST05180 ST07272 ST16003 ST16299 TR94553 TR94555) ++IF FMID(CC2D811) REQ(LU05083) . ++HOLD (LU05082) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (22073) COMMENT (

Service	Details
	<pre> +-----+ 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 * ***** 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								
LU05083	LU05083 M.C.S. ENTRIES = ++PTF (LU05083) RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG ENHANCEMENT DESCRIPTION: Add further significant NetMaster operational messages to appear in the system log. Examples are: * IPDI52xx messages, which relate to the improper installation of the Unix System Services Interface. * IPDI527A * IPDI527B * IPDI527C * IPDI527F * IPDI5277 * IPDI5278 * IPDI5279 * Additional USS error messages regarding UNIX system Services Path information. * BAINWI64 * BAINWI67 * BAINWI68 For a complete list go to /RW and generate a report where Report Appl is \$ADMS, Report Name is \$SUMMARY and the Test field (criteria) is &\$ms10wtomsg='YES' PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 SOLVE:FTS r12.2 Related Problem: NMS 16466 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00688-NMS081 DESC(RECORD EXTRA SIGNIFICANT ERROR MESSAGES IN THE SYSTEM LOG). ++VER (Z038) FMID (CC2D811) PRE (LU03343 LU03698 LU03840 R093893 R094056 S001868 S005668 S006908 S007099 S007237 S010730 S011974 S012842 S012879 S013477 S013728 S014011 S015228) SUP (LT05083) ++IF FMID(CC11C20) REQ(LU05082) . ++HOLD (LU05083) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (22073) COMMENT (<table border="1"> <tr> <td>Unicenter NetMaster Management Services</td><td>Release 8.1</td></tr> <tr> <td colspan="2"> SEQUENCE After Apply.</td></tr> <tr> <td>PURPOSE</td><td>Copy the updated MOD@\$NM from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset.</td></tr> <tr> <td>USERS</td><td>All users.</td></tr> </table>	Unicenter NetMaster 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.
Unicenter NetMaster 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.								

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

Service	Details																
LU05149	LU05149 M.C.S. ENTRIES = ++PTF (LU05149) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Unicenter NetMaster Management Services Release 8.1 Related Problem: NMS 16516 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00689-NMS081 DESC(SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CC2D811) PRE (LU01020 LU02615 LU03698 S012879) SUP (AL02615 AL03311 AL03873 AL04403 LT03311 LT03873 LT03956 LT04403 LT05074 LT05149 LU03311 LU03873 LU03956 LU04403) ++HOLD (LU05149) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (22076) COMMENT (<table border="1"> <tr> <td>Unicenter NetMaster Management Services</td><td>Release 8.1</td></tr> </table> SEQUENCE Before Restart <table border="1"> <tr> <td>PURPOSE</td><td>This PTF updates HFSBIN element C2DAPSAJ to address vulnerabilities in Xstream</td></tr> </table> <table border="1"> <tr> <td>USERS</td><td>Users who have previously setup NMAPI</td></tr> </table> <table border="1"> <tr> <td>AFFECTED</td><td></td></tr> </table> <table border="1"> <tr> <td>KNOWLEDGE</td><td>Dataset member editing</td></tr> </table> <table border="1"> <tr> <td>REQUIRED</td><td></td></tr> </table> <table border="1"> <tr> <td>ACCESS</td><td>NMAPI run time libraries</td></tr> </table> <table border="1"> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * *****	Unicenter NetMaster Management Services	Release 8.1	PURPOSE	This PTF updates HFSBIN element C2DAPSAJ to address vulnerabilities in Xstream	USERS	Users who have previously setup NMAPI	AFFECTED		KNOWLEDGE	Dataset member editing	REQUIRED		ACCESS	NMAPI run time libraries	REQUIRED	
Unicenter NetMaster Management Services	Release 8.1																
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AFFECTED																	
KNOWLEDGE	Dataset member editing																
REQUIRED																	
ACCESS	NMAPI run time libraries																
REQUIRED																	

Service	Details
	1/ If you have not already replaced runtime NMAPIDEP and NMAPIENV members via LU02615 HOLDDATA do so now. Make any required updates to allow them to be used. For NMAPIDEP - jobcard and symbol values For NMAPIENV - INSTALL_HOME= 2/ Re-run the NMAPIDEP jcl. 3/ Re-start the NMAPISRV task.). BINARY LINK('API-Service/bin/netmaster-service.jar') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(C2DAPDIR,PRE) .

Service	Details
LU05166	LU05166 M.C.S. ENTRIES = ++PTF (LU05166) DISPLAYING FILE TRANSFER LOG TERMINATES WITH RMCALL21 PROBLEM DESCRIPTION: When displaying the File Transfer Log for a remote File Transfer Manager Resource (/FTMON, command FTL), NetMaster returns the wrong error code to the caller. SYMPTOMS: Message RMCALL21 'FTL' COMMAND PROCESSING TERMINATED FOR FTPMGR(FTPXXXX) is displayed on the screen and the following messages are seen in the Activity Log: NM3040 NCLID 277833: \$RMBU000 3065 ERROR 4 COND TYPE_ERROR NM3042 ERROR INFORMATION... NM3050 ERROR-CODE: 4 NM3051 MESSAGE: NM2001 VALUE NOT NUMERIC NM3052 COND-NAME: TYPE_ERROR NM3053 ERROR-LOC: \$RMBU000 3065/18 NM3054 PROCEDURE: \$RMBU000 NM3055 SOURCE: &#BUMAXBLKS = &\$BUMAXRECL // 256 NM3057 VALUE: NM3044 EXECUTION TRACEBACK... NM3045 PROCEDURE \$RMBU000 \$RMBU000 3065/4 &#BUMAXBLKS = &\$BUMAXREC IMPACT: User is unable to view remote File Transfer Manager logs. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster File Transfer Management r12.2 Related Problem: NMS 16538 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00690-NMS081 DESC(DISPLAYING FILE TRANSFER LOG TERMINATES WITH RMCALL21). ++VER (Z038) FMID (CC17C20) PRE (LU03693 S015986) SUP (LT05166 S008064 ST08064)

Service	Details
LU05184	LU05184 M.C.S. ENTRIES = ++PTF (LU05184) NM1010 ARGUMENT 1 TO BUILTIN FUNCTION: DIGEST IS NOT VALID. PROBLEM DESCRIPTION: Generic SNMP host support incorrectly indicates localization for SNMP V3 hosts that are using authorization level NOAUTHNOPRIV. SYMPTOMS: SNMP Requests fail with an OML error attempting to build a digest. The Activvpty Log contains the following messages: NM3040 NCLID 000732: \$IPSNPKG 6912 ERROR 26 COND ERROR NM3042 ERROR INFORMATION... NM3050 ERROR-CODE: 26 NM3051 MESSAGE: NM1010 ARGUMENT 1 TO BUILTIN FUNCTION: DIGEST IS NOT VALID NM3052 COND-NAME: ERROR NM3053 ERROR-LOC: \$IPSNPKG 6912/12 NM3054 FUNCTION: LOCALIZE NM3055 SOURCE: RETURN (DIGEST(&2,&3 &4 &3)) NM3057 VALUE: IMPACT: SNMP requests fail. IP Node monitoring is unsuccessful. CIRCUMVENTION: Use an authorization level of AUTHNOPRIV or AUTHPRIV. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16570 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00692-NMS081 DESC(NM1010 ARGUMENT 1 TO BUILTIN FUNCTION: DIGEST IS NOT VALID.). ++VER (Z038) FMID (CC11C20) PRE (LU03692 S010212 S012070) SUP (LT05184)

Service	Details
LU05204	LU05204 M.C.S. ENTRIES = ++PTF (LU05204) ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS PROBLEM DESCRIPTION: z/OS 2.5 adds DHE and ECDHE as TLS key exchange algorithms. SYMPTOMS: Connection details for a connection using DHE or ECDHE do not include TLS fields. IMPACT: Details for some connections are unavailable. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16571 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00693-NMS081 DESC(ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU03692 LU04750 S000328 S004418 S006567 S006849 S007603 S008087 S009966 S010524 S012030 S012583 S015177 S015192) SUP (LT05204 ST00368) ++IF FMID(CC2D811) REQ(LU05205) .

Service	Details
LU05205	LU05205 M.C.S. ENTRIES = ++PTF (LU05205) ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS PROBLEM DESCRIPTION: z/OS 2.5 adds DHE and ECDHE as TLS key exchange algorithms. SYMPTOMS: Connection details for a connection using DHE or ECDHE do not include TLS fields. IMPACT: Details for some connections are unavailable. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16571 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00693-NMS081 DESC(ADD SUPPORT FOR Z/OS 2.5 KEY EXCHANGE ALGORITHMS). ++VER (Z038) FMID (CC2D811) PRE (LU03698 S000330 S009968) SUP (LT05205) ++IF FMID(CC11C20) REQ(LU05204) .

Service	Details
LU05246	LU05246 M.C.S. ENTRIES = ++PTF (LU05246) TCPSECE NOT ALERTING FOR SHORT CONNECTIONS PROBLEM DESCRIPTION: ZERT SMF short term connections are not processed for the TCPSECE event detector. SYMPTOMS: No alerts produced for secured connections that are less than 10 seconds in duration. IMPACT: Security monitoring is incomplete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 16607 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00695-NMS081 DESC(TCPSECE NOT ALERTING FOR SHORT CONNECTIONS). ++VER (Z038) FMID (CC2D810) PRE (LU03697 LU03778 LU04751 S000329 S004419 S009967 S012143) SUP (AS05698 LT05245 LT05246 S005698 S007516 ST05698 ST07516)

Service	Details																																																			
LU05256	LU05256 M.C.S. ENTRIES = ++PTF (LU05256) ABEND SOD5 IN NM00017L DURING SHUTDOWN PROBLEM DESCRIPTION: During a NetMaster shutdown the Netmaster region might get swapped out which causes the SH ASINFO command to incur a SOD5 abend. The SOD5 abend is trapped but SLIP traps will continue to produce abend dumps. SYMPTOMS: The following messages are seen in the NetMaster log: N11101 FSTOP COMMAND ACKNOWLEDGED. N11701 *** NetMaster SHUTDOWN IN PROGRESS P1NM *** IEA794I SVC DUMP HAS CAPTURED: DUMPID=005 REQUESTED BY JOB (NETMSTR) DUMP TITLE=SLIP DUMP ID=XXXX IMPACT: A SLIP dump is captured for the SOD5 abend but the region continues to normally shutdown. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 16612 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00696-NMS081 DESC(ABEND SOD5 IN NM00017L DURING SHUTDOWN). ++VER (Z038) FMID (CC2D811) PRE (LU03698 S006679) SUP (LT05256 S013113 ST13113) <table><tr><td>MCS</td><td>LU04585</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU04750</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU04751</td><td>STARTS ON PAGE 0005</td></tr><tr><td>MCS</td><td>LU04802</td><td>STARTS ON PAGE 0007</td></tr><tr><td>MCS</td><td>LU04831</td><td>STARTS ON PAGE 0008</td></tr><tr><td>MCS</td><td>LU04916</td><td>STARTS ON PAGE 0009</td></tr><tr><td>MCS</td><td>LU04991</td><td>STARTS ON PAGE 0010</td></tr><tr><td>MCS</td><td>LU04992</td><td>STARTS ON PAGE 0011</td></tr><tr><td>MCS</td><td>LU05082</td><td>STARTS ON PAGE 0011</td></tr><tr><td>MCS</td><td>LU05083</td><td>STARTS ON PAGE 0013</td></tr><tr><td>MCS</td><td>LU05149</td><td>STARTS ON PAGE 0015</td></tr><tr><td>MCS</td><td>LU05166</td><td>STARTS ON PAGE 0017</td></tr><tr><td>MCS</td><td>LU05184</td><td>STARTS ON PAGE 0018</td></tr><tr><td>MCS</td><td>LU05204</td><td>STARTS ON PAGE 0019</td></tr><tr><td>MCS</td><td>LU05205</td><td>STARTS ON PAGE 0020</td></tr><tr><td>MCS</td><td>LU05246</td><td>STARTS ON PAGE 0020</td></tr><tr><td>MCS</td><td>LU05256</td><td>STARTS ON PAGE 0021</td></tr></table>	MCS	LU04585	STARTS ON PAGE 0002	MCS	LU04750	STARTS ON PAGE 0002	MCS	LU04751	STARTS ON PAGE 0005	MCS	LU04802	STARTS ON PAGE 0007	MCS	LU04831	STARTS ON PAGE 0008	MCS	LU04916	STARTS ON PAGE 0009	MCS	LU04991	STARTS ON PAGE 0010	MCS	LU04992	STARTS ON PAGE 0011	MCS	LU05082	STARTS ON PAGE 0011	MCS	LU05083	STARTS ON PAGE 0013	MCS	LU05149	STARTS ON PAGE 0015	MCS	LU05166	STARTS ON PAGE 0017	MCS	LU05184	STARTS ON PAGE 0018	MCS	LU05204	STARTS ON PAGE 0019	MCS	LU05205	STARTS ON PAGE 0020	MCS	LU05246	STARTS ON PAGE 0020	MCS	LU05256	STARTS ON PAGE 0021
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NetMaster 12.2
CA RS 2204 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 2204 Product/Component Count for this release is 7		

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

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All CA RS Levels Service List

CA RS Level	Service	FMID
	LU00590	CC2D811
	LU00298	CC11C20
CAR2104	LU00691	CC2D811
	LU00690	CC11C20
	LU00501	CC2D811
	LU00355	CC2D811
	LU00322	CC2D810
CAR2103	S016332	CC2D811
	S016315	CC2D810
	S016314	CC2D810
	S016313	CC11C20
	S016307	CC2D811
	S016299	CC11C20
	S016279	CC2D811
	S016068	CC2D811
	S015812	CC2D810
	S015811	CC11C20
	S012879	CC2D811
CAR2102	S016220	CC11C20
	S016153	CC2D811
	S016129	CC11C20
	S016123	CC2D811
	S016115	CC11C20
CAR2101	S016003	CC11C20
	S015988	CC2D811
	S015987	CC2AC20
	S015986	CC17C20
	S015985	CC11C20
	S015968	CDEMC20
	S015967	CC2D811
	S015966	CC2D810
	S015837	CC2D811
	S015836	CC11C20
	S015831	CC2D811
	S015797	CC2D811
	S015795	CC2D811
	S015674	CC11C20
	S015626	CC2D811
	S014968	CC2D811
CAR2012	S015576	CC2D811
	S015535	CC2D811
	S015495	CC11C20
	S015380	CC2D811
	S015355	CC2D811
	S014743	CC18C20
	S014728	CC18C20
CAR2011	S015334	CC2D811

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S013733	CC17C20

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S012384	CC2D811

CA RS Level	Service	FMID
	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
	S010213	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S008562	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	S006976	CC11C20

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CA RS Level	Service	FMID
	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
	S005748	CC2D811

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CA RS Level	Service	FMID
	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
CAR1806	S003728	CC2D811

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CA RS Level	Service	FMID
	S003720	CC2D811
	S003719	CC11C20
	S001885	CC11C20
	S001868	CC2D811
	S001781	CC2D811
	S001779	CC2D811
	S001773	CC11C20
	S001455	CC2D811
CAR1805	S001333	CC2D810
	S001309	CC2D811
	S001155	CC2D811
	S001106	CC2D811
	S001067	CC2D810
CAR1804	S001047	CC2D811
	S001024	CC2D811
	S001023	CC2D810
	S000851	CC2D811
	S000837	CC2D811
	S000825	CC2D811
	S000791	CC2D811
	S000789	CC2D811
	S000689	CC11C20
	S000665	CC2D811
	S000614	CC2D811
	S000612	CC2D811
	S000611	CC2D810
CAR1803	S000686	CC2D811
	S000610	CC17C20
	S000554	CC2D811
	S000521	CC18C20
	S000482	CC2D811
	S000471	CC2D811
	S000453	CDEMC20
	S000430	CC2D811
	S000416	CC2D811
	S000415	CC11C20
	S000357	CC2D811
	S000350	CC2D811
	S000330	CC2D811
	S000329	CC2D810
	S000328	CC11C20
	S000208	CC2D811
	S000200	CC2D811
	S000199	CC2D810
	S000188	CC2D811
	S000121	CC2D811
	R099957	CC2D811

CA RS Level	Service	FMID
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
	R098166	CC11C20

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CA RS Level	Service	FMID
	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
	R094983	CC2D811

CA RS Level	Service	FMID
	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