

NetMaster 12.2
CA RS 2109 Service List

1

Service	Description	Type
LU01517	IKE TUNNEL CERTIFICATE ATTRIBUTES	PTF
LU01518	IKE TUNNEL CERTIFICATE ATTRIBUTES	PTF
LU01519	IKE TUNNEL CERTIFICATE ATTRIBUTES	PTF
LU01947	ABEND N-028-03 WHEN LARGE NUMBER OF AUTOMATION PROCESSES STA	PTF
LU02135	PNODE AND SNODE INFORMATION SWAPPED FOR CONNECT:DIRECT V6+	PTF
LU02172	LINK NAME AND MESSAGE PREFIX FOR SUBORDINATE REGION RESET	PTF
LU02255	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
LU02256	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
LU02257	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
LU02369	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
LU02415	EXTERNAL ALERTS STOP BEING CREATED AFTER THE NMSSI RESTARTS	PTF
LU02511	SMARTTRACE SUMMARY DOES NOT SHOW TLS 1.3 USAGE	PTF
LU02558	INCORRECT OUTPUT FROM SSISEND SHOW PTF=MOD	PTF
The CA RS 2109 service count for this release is 13		

NetMaster
CA RS 2109 Service List for CC11C20

2

FMID	Service	Description	Type
CC11C20	LU01517	IKE TUNNEL CERTIFICATE ATTRIBUTES	PTF
	LU02255	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
	LU02511	SMARTTRACE SUMMARY DOES NOT SHOW TLS 1.3 USAGE	PTF
The CA RS 2109 service count for this FMID is 3			

NetMaster
CA RS 2109 Service List for CC17C20

3

FMID	Service	Description	Type
CC17C20	LU02135	PNODE AND SNODE INFORMATION SWAPPED FOR CONNECT:DIRECT V6+	PTF
The CA RS 2109 service count for this FMID is 1			

NetMaster
CA RS 2109 Service List for CC18C20

4

FMID	Service	Description	Type
CC18C20	LU02369	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
The CA RS 2109 service count for this FMID is 1			

NetMaster
CA RS 2109 Service List for CC2D810

FMID	Service	Description	Type
CC2D810	LU01518	IKE TUNNEL CERTIFICATE ATTRIBUTES	PTF
	LU02256	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
	LU02558	INCORRECT OUTPUT FROM SSISEND SHOW PTF=MOD	PTF
The CA RS 2109 service count for this FMID is 3			

NetMaster
CA RS 2109 Service List for CC2D811

FMID	Service	Description	Type
CC2D811	LU01519	IKE TUNNEL CERTIFICATE ATTRIBUTES	PTF
	LU01947	ABEND N-028-03 WHEN LARGE NUMBER OF AUTOMATION PROCESSES STA	PTF
	LU02172	LINK NAME AND MESSAGE PREFIX FOR SUBORDINATE REGION RESET	PTF
	LU02257	SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS	PTF
	LU02415	EXTERNAL ALERTS STOP BEING CREATED AFTER THE NMSSI RESTARTS	PTF
The CA RS 2109 service count for this FMID is 5			

Service	Details
LU01517	LU01517 M.C.S. ENTRIES = ++PTF (LU01517) IKE TUNNEL CERTIFICATE ATTRIBUTES ENHANCEMENT DESCRIPTION: On z/OS V2R5 and later, NetMaster display output for option /IPSEC.K is updated to show the attributes of the certificates used by IKE (Internet Key Exchange) tunnel endpoints. Attributes displayed are: Local & Remote certificate expiration date Local & Remote certificate serial number Local & Remote issuer distinguished name Local & Remote subject distinguished name PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 13772 Copyright (C) 2021 CA. All rights reserved. R00601-NMS081-SP4 DESC(IKE TUNNEL CERTIFICATE ATTRIBUTES). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01708 LU02086 LU02511 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 S012030 S012032 S012070 S012583 S012840 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015249 S015836 S015985 S016115 S016313) SUP (LT01517 R094555 S005180 S016003 S016299 ST05180 ST07272 ST16003 ST16299 TR94553 TR94555) ++IF FMID(CC2D810) REQ(LU01518) . ++IF FMID(CC2D811) REQ(LU01519) . ++HOLD (LU01517) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (21242) COMMENT (<pre> +-----+ CA NetMaster Network Management for TCP/I Release 12.2 +-----+ SEQUENCE After Apply. +-----+ PURPOSE Copy the updated MOD@\$IP from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE JCL customization. REQUIRED +-----+ ACCESS 1. Target libraries. REQUIRED 2. Product region MODSDIS VSAM dataset. +-----+ </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 //*).</pre>

Service	Details
LU01518	LU01518 M.C.S. ENTRIES = ++PTF (LU01518) IKE TUNNEL CERTIFICATE ATTRIBUTES ENHANCEMENT DESCRIPTION: On z/OS V2R5 and later, NetMaster display output for option /IPSEC.K is updated to show the attributes of the certificates used by IKE (Internet Key Exchange) tunnel endpoints. Attributes displayed are: Local & Remote certificate expiration date Local & Remote certificate serial number Local & Remote issuer distinguished name Local & Remote subject distinguished name PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 13772 Copyright (C) 2021 CA. All rights reserved. R00601-NMS081-SP4 DESC(IKE TUNNEL CERTIFICATE ATTRIBUTES). ++VER (Z038) FMID (CC2D810) PRE (S016314) SUP (LT01518) ++IF FMID(CC2D811) REQ(LU01519) . ++IF FMID(CC11C20) REQ(LU01517) .

Service	Details
LU01519	LU01519 M.C.S. ENTRIES = ++PTF (LU01519) IKE TUNNEL CERTIFICATE ATTRIBUTES ENHANCEMENT DESCRIPTION: On z/OS V2R5 and later, NetMaster display output for option /IPSEC.K is updated to show the attributes of the certificates used by IKE (Internet Key Exchange) tunnel endpoints. Attributes displayed are: Local & Remote certificate expiration date Local & Remote certificate serial number Local & Remote issuer distinguished name Local & Remote subject distinguished name PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 Related Problem: NMS 13772 Copyright (C) 2021 CA. All rights reserved. R00601-NMS081-SP4 DESC(IKE TUNNEL CERTIFICATE ATTRIBUTES). ++VER (Z038) FMID (CC2D811) PRE (S000330 S016307) SUP (LT01519 R095759 TR95759) ++IF FMID(CC2D810) REQ(LU01518) . ++IF FMID(CC11C20) REQ(LU01517) .

Service	Details
LU01947	LU01947 M.C.S. ENTRIES = ++PTF (LU01947) ABEND N-028-03 WHEN LARGE NUMBER OF AUTOMATION PROCESSES STA PROBLEM DESCRIPTION: A below the line storage shortage occurs when starting a large number of automation processes concurrently. The LOCK verb used to synchronise process execution uses below the line storage and can result in a storage shortage. SYMPTOMS: An N-028-03 abend occurs when the below the line storage for an ECB list cannot be obtained. The system log messages are: N01101 NetMaster ABEND N-028-03 ID=IIIIII JN=JJJJJ DT=YYYYDDD TM=HHMMSSTH N01102 SRC=AB PRD=NetMaster INTLVL=070100 SP=00 ABC=N-028-03 N01103 ALM=NM001 ALO=00020BB2 ACS=NM000028 ACO=00000452 IMPACT: The region abends. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SOLVE:Operations Automation r11.9 CA SOLVE:Operations Automation for CICS r11.9 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 14131 Copyright (C) 2021 CA. All rights reserved. R00608-NMS081-SP4 DESC(ABEND N-028-03 WHEN LARGE NUMBER OF AUTOMATION PROCESSES STA). ++VER (Z038) FMID (CC2D811) SUP (LT01947)

Service	Details
LU02135	LU02135 M.C.S. ENTRIES = ++PTF (LU02135) PNODE AND SNODE INFORMATION SWAPPED FOR CONNECT:DIRECT V6+ PROBLEM DESCRIPTION: The PNODE and SNODE information provided by the Connect:Direct stats exit is swapped for Connect:Direct version 6.0 and later to correct a previous error. The File Transfer Management stats exit does not allow for this change. SYMPTOMS: File Transfer Rulesets fail to trigger for Connect:Direct V6.0 and above. IMPACT: Operations staff are not alerted on failed file transfers. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA NetMaster File Transfer Management r12.2 Related Problem: NMS 14266 Copyright (C) 2021 CA. All rights reserved. R00610-NMS081-SP4 DESC(PNODE AND SNODE INFORMATION SWAPPED FOR CONNECT:DIRECT V6+). ++VER (Z038) FMID (CC17C20) SUP (LT02135)

Service	Details
LU02172	LU02172 M.C.S. ENTRIES = ++PTF (LU02172) LINK NAME AND MESSAGE PREFIX FOR SUBORDINATE REGION RESET PROBLEM DESCRIPTION: THE "LINK NAME" AND "MESSAGE PREFIX" FIELDS IN A LINK RECORD FOR A SUBORDINATE REGION ARE RESET TO A PREVIOUS VALUE, OR CLEARED WHEN THE SUBORDINATE REGION IS RECYCLED. SYMPTOMS: AFTER UPDATING THE LINK NAME AND/OR MESSAGE PREFIX FIELDS IN THE LINK RECORD FOR A SUBORDINATE REGION, FROM A FOCAL REGION, AND RECYCLING THE SUBORDINATE REGION, THE UPDATED VALUES ARE LOST. IMPACT: THE DESIRED VALUES ARE NOT USED WHEN DEFINING THE LINK TO A SUBORDINATE REGION WHEN IT RESTARTS. CIRCUMVENTION: UPDATE THE LINK RECORD ON THE SUBORDINATE REGION RATHER THAN FROM THE FOCAL REGION TO PRESERVE THE CHANGES ACROSS RESTARTS. PRODUCT(S) AFFECTED: CA SOLVE:OPERATIONS AUTOMATION R11.9 CA SOLVE:OPERATIONS AUTOMATION FOR CICS R11.9 CA NETMASTER NETWORK MANAGEMENT FOR TCP/IP R12.2 CA NETMASTER FILE TRANSFER MANAGEMENT R12.2 CA NETMASTER NETWORK AUTOMATION R12.2 Related Problem: NMS 14308 Copyright (C) 2021 CA. All rights reserved. R00611-NMS081-SP4 DESC(LINK NAME AND MESSAGE PREFIX FOR SUBORDINATE REGION RESET). ++VER (Z038) FMID (CC2D811) PRE (R099957 S006222) SUP (LT02172)

Service	Details
LU02255	LU02255 M.C.S. ENTRIES = ++PTF (LU02255) SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS ENHANCEMENT DESCRIPTION: NetMaster is updated to register products and functions with the IBM Function Registry for z/OS. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 13707 Copyright (C) 2021 CA. All rights reserved. R00612-NMS081-SP4 DESC(SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS). ++VER (Z038) FMID (CC11C20) PRE (R096378 R096708 S000328 S000415 S003719 S006266 S008206 S009566 S010120 S010524 S014697 S015088) SUP (LT02255 R099970 S006171 S009076 S014439 ST03597 ST06171 ST09076 ST14439 TR99970) ++IF FMID(CC2D810) REQ(LU02256) . ++IF FMID(CC2D811) REQ(LU02257) . ++IF FMID(CC18C20) REQ(LU02369) .

Service	Details
LU02256	LU02256 M.C.S. ENTRIES = ++PTF (LU02256) SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS ENHANCEMENT DESCRIPTION: NetMaster is updated to register products and functions with the IBM Function Registry for z/OS. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 13707 Copyright (C) 2021 CA. All rights reserved. R00612-NMS081-SP4 DESC(SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS). ++VER (Z038) FMID (CC2D810) PRE (R092904 R097359 S004419 S007368 S007857 S011283 S013476 S015812) SUP (LT02256 S008411 ST08411) ++IF FMID(CC2D811) REQ(LU02257) . ++IF FMID(CC18C20) REQ(LU02369) . ++IF FMID(CC11C20) REQ(LU02255) .

Service	Details
LU02257	LU02257 M.C.S. ENTRIES = ++PTF (LU02257) SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS ENHANCEMENT DESCRIPTION: NetMaster is updated to register products and functions with the IBM Function Registry for z/OS. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 13707 Copyright (C) 2021 CA. All rights reserved. R00612-NMS081-SP4 DESC(SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS) . ++VER (Z038) FMID (CC2D811) PRE (LU00622 LU00691 LU00721 R092905 R093546 R093589 R093829 R094365 R095282 R096379 R096925 S000200 S000330 S001455 S001772 S001868 S004199 S004420 S004517 S004853 S005123 S005668 S006597 S006679 S006908 S007095 S007099 S007237 S007770 S007858 S009324 S009567 S009834 S010730 S010954 S011284 S012034 S012615 S012879 S013477 S013728 S014011 S014120 S014429 S014469 S015228 S015626 S015988 S016307) SUP (LT02257 R094350 R096650 S000482 S004556 S006814 S008492 S008692 S009882 S010138 S012542 S012602 S014301 S015535 ST00482 ST03946 ST04556 ST06814 ST08492 ST08692 ST09882 ST10138 ST12542 ST12602 ST14165 ST14301 ST15535 TR94350 TR96650) ++IF FMID(CC2D810) REQ(LU02256) . ++IF FMID(CC18C20) REQ(LU02369) . ++IF FMID(CC11C20) REQ(LU02255) . ++HOLD (LU02257) SYSTEM FMID(CC2D811) REASON (ACTION) DATE (21239) COMMENT (+-----+ CA Management Services

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.CC2DVSMI (MOD\$\$\$) //MODSOUT DD DISP=SHR,DSN=&DSNPREF.MODSDIS //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY MODS INDD=MODSIN OUTDD=MODSOUT OPT=INSTALL //*).</pre>

Service	Details
LU02369	LU02369 M.C.S. ENTRIES = ++PTF (LU02369) SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS ENHANCEMENT DESCRIPTION: NetMaster is updated to register products and functions with the IBM Function Registry for z/OS. PRODUCT(S) AFFECTED: CA NetMaster Network Management for TCP/IP r12.2 CA NetMaster File Transfer Management r12.2 CA NetMaster Network Management for SNA r12.2 CA NetMaster Network Automation r12.2 Related Problem: NMS 13707 Copyright (C) 2021 CA. All rights reserved. R00612-NMS081-SP4 DESC(SUPPORT FOR THE IBM FUNCTION REGISTRY FOR Z/OS). ++VER (Z038) FMID (CC18C20) SUP (LT02369) ++IF FMID(CC2D810) REQ(LU02256) . ++IF FMID(CC2D811) REQ(LU02257) . ++IF FMID(CC11C20) REQ(LU02255) .

Service	Details
LU02415	LU02415 M.C.S. ENTRIES = ++PTF (LU02415) EXTERNAL ALERTS STOP BEING CREATED AFTER THE NMSSI RESTARTS PROBLEM DESCRIPTION: Alerts configured to use the Enable External Alerts via the /PARMS \$AM.ALERTS parameter stop being created when the NMSSI is restarted. SYMPTOMS: The Alert Monitor does not show any alerts that were created by an external application such as OPS/MVS. IMPACT: New alerts can not be seen in the Alert Monitor. 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 14501 Copyright (C) 2021 CA. All rights reserved. R00614-NMS081-SP4 DESC (EXTERNAL ALERTS STOP BEING CREATED AFTER THE NMSSI RESTARTS). ++VER (Z038) FMID (CC2D811) PRE (S006679 S007506) SUP (LT02415)

Service	Details
LU02511	LU02511 M.C.S. ENTRIES = ++PTF (LU02511) SMARTTRACE SUMMARY DOES NOT SHOW TLS 1.3 USAGE PROBLEM DESCRIPTION: TLS 1.3 uses TLS 1.2 headers. The agreement to use TLS 1.3 protocols is in the Supported Versions extension of the SERVER_HELLO message. SYMPTOMS: The SmartTrace Packet summary displays TLS1.2 for the SERVER_HELLO and subsequent messages. IMPACT: The user must view the details of the SERVER_HELLO to determine whether TLS 1.3 was used by the TCP conversation partners. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: NetMaster for TCP/IP Network Management Release 12.2 Related Problem: NMS 14587 Copyright (C) 2021 CA. All rights reserved. R00616-NMS081-SP4 DESC(SMARTTRACE SUMMARY DOES NOT SHOW TLS 1.3 USAGE). ++VER (Z038) FMID (CC11C20) PRE (LU00870 LU01299 LU01708 LU02086 R092903 R093648 R094885 R096378 R096703 R097239 R098166 R099126 R099429 S000085 S000328 S004418 S004784 S005039 S005122 S005667 S006076 S006145 S006567 S006853 S007269 S007505 S007603 S008004 S008206 S008461 S009442 S009807 S009966 S010120 S010212 S010322 S010524 S011535 S012032 S012070 S012583 S012840 S013148 S014010 S014247 S014339 S014384 S014612 S014697 S015088 S015249 S015495 S015836 S015985 S016115 S016313) SUP (LT02511 R094555 R095172 S005180 S006561 S009077 S009775 S012519 S016003 S016299 ST05180 ST06561 ST07272 ST09077 ST09775 ST12460 ST12519 ST16003 ST16299 TR94553 TR94555 TR95172) ++HOLD (LU02511) SYSTEM FMID(CC11C20) REASON (ACTION) DATE (21242) COMMENT (<pre> +-----+ CA NetMaster Network Management for TCP/I Release 12.2 +-----+ SEQUENCE After Apply. +-----+ PURPOSE Copy the updated MOD@\$IP from the SMP/E target dataset into the product run-time MODSDIS VSAM dataset. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE JCL customization. REQUIRED +-----+ </pre>

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.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																																								
LU02558	LU02558 M.C.S. ENTRIES = ++PTF (LU02558) INCORRECT OUTPUT FROM SSISEND SHOW PTF=MOD PROBLEM DESCRIPTION: C programs have a different format to assembler based programs. The SSI SHOW PTF does not handle these differences. SYMPTOMS: The output from SSISEND SHOW PTF contains incorrect values for PTF and version. The compile date/time displays as N/A: SSISEND SHOW PTF=F8C NS7V10 PTF LEVEL FOR MODULE NM000F8C IS 064021 VER: 0204 ADT: N/A IMPACT: The maintenance level of C programs is not able to be determined. CIRCUMVENTION: Use SMP/E queries to determine maintenance levels. PRODUCT(S) AFFECTED: NetMaster Network Management for TCP/IP Release 12.2 Related Problem: NMS 14635 Copyright (C) 2021 CA. All rights reserved. R00618-NMS081-SP4 DESC(INCORRECT OUTPUT FROM SSISEND SHOW PTF=MOD). ++VER (Z038) FMID (CC2D810) PRE (S004419) SUP (LT02558) <table> <tr> <td>MCS</td><td>LU01517</td><td>STARTS ON PAGE 0002</td></tr> <tr> <td>MCS</td><td>LU01518</td><td>STARTS ON PAGE 0003</td></tr> <tr> <td>MCS</td><td>LU01519</td><td>STARTS ON PAGE 0004</td></tr> <tr> <td>MCS</td><td>LU01947</td><td>STARTS ON PAGE 0005</td></tr> <tr> <td>MCS</td><td>LU02135</td><td>STARTS ON PAGE 0005</td></tr> <tr> <td>MCS</td><td>LU02172</td><td>STARTS ON PAGE 0006</td></tr> <tr> <td>MCS</td><td>LU02255</td><td>STARTS ON PAGE 0007</td></tr> <tr> <td>MCS</td><td>LU02256</td><td>STARTS ON PAGE 0008</td></tr> <tr> <td>MCS</td><td>LU02257</td><td>STARTS ON PAGE 0011</td></tr> <tr> <td>MCS</td><td>LU02369</td><td>STARTS ON PAGE 0019</td></tr> <tr> <td>MCS</td><td>LU02415</td><td>STARTS ON PAGE 0019</td></tr> <tr> <td>MCS</td><td>LU02511</td><td>STARTS ON PAGE 0020</td></tr> <tr> <td>MCS</td><td>LU02558</td><td>STARTS ON PAGE 0022</td></tr> </table>		MCS	LU01517	STARTS ON PAGE 0002	MCS	LU01518	STARTS ON PAGE 0003	MCS	LU01519	STARTS ON PAGE 0004	MCS	LU01947	STARTS ON PAGE 0005	MCS	LU02135	STARTS ON PAGE 0005	MCS	LU02172	STARTS ON PAGE 0006	MCS	LU02255	STARTS ON PAGE 0007	MCS	LU02256	STARTS ON PAGE 0008	MCS	LU02257	STARTS ON PAGE 0011	MCS	LU02369	STARTS ON PAGE 0019	MCS	LU02415	STARTS ON PAGE 0019	MCS	LU02511	STARTS ON PAGE 0020	MCS	LU02558	STARTS ON PAGE 0022
MCS	LU01517	STARTS ON PAGE 0002																																							
MCS	LU01518	STARTS ON PAGE 0003																																							
MCS	LU01519	STARTS ON PAGE 0004																																							
MCS	LU01947	STARTS ON PAGE 0005																																							
MCS	LU02135	STARTS ON PAGE 0005																																							
MCS	LU02172	STARTS ON PAGE 0006																																							
MCS	LU02255	STARTS ON PAGE 0007																																							
MCS	LU02256	STARTS ON PAGE 0008																																							
MCS	LU02257	STARTS ON PAGE 0011																																							
MCS	LU02369	STARTS ON PAGE 0019																																							
MCS	LU02415	STARTS ON PAGE 0019																																							
MCS	LU02511	STARTS ON PAGE 0020																																							
MCS	LU02558	STARTS ON PAGE 0022																																							

NetMaster 12.2
CA RS 2109 Product/Component Listing

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 2109 Product/Component Count for this release is 7		

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	LU02086	CC11C20
	LU01945	CC2D811
CAR2108	LU00966	CC2D811
	LU00965	CC2D810
	LU00920	CC11C20
	LU01763	CC2D811
	LU01708	CC11C20
CAR2107	LU01607	CC11C20
	LU01458	CC11C20
	LU01414	CC2D811
	LU01402	CC2D811
	LU01220	CC2D810
	LU01020	CC2D811
	LU00860	CC2D811
	LU01461	CC2D811
	LU01459	CC2D811
	LU01363	CC2D811
CAR2106	LU01299	CC11C20
	LU01124	CC2D811
	LU01029	CC2AC20
	LU00889	CC2D811
	LU00870	CC11C20
	LU01003	CC2D810
	LU00955	CC2D811
	LU00902	CC2D811
CAR2105	LU00880	CC2D811
	LU00872	CC2D811
	LU00861	CC2D811
	LU00840	CC2D811
	LU00770	CC2D811
	LU00721	CC2D811
	LU00622	CC2D811
	LU00590	CC2D811
	LU00298	CC11C20

CA RS Level	Service	FMID
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
	S015275	CC2D810
	S015250	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S013728	CC2D811
	S013703	CC18C20

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S012370	CC2D811
	S012335	CC2D811

CA RS Level	Service	FMID
	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
	S010212	CC11C20
	S010152	CC2D810

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1910	S009719	CC2D811
	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
CAR1906	S008546	CC2D811
	S008509	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S006917	CC18C20
	S006908	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S005702	CC2D811
	S005701	CC11C20

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S003720	CC2D811
	S003719	CC11C20

CA RS Level	Service	FMID
	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
CAR1802	S000085	CC11C20
	S000069	CC2D811

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	R098054	CC2D811
	R097959	CC2D811

CA RS Level	Service	FMID
	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
	R094942	CC2D811
	R094940	CC2D810

NetMaster 12.2
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	R092904	CC2D810
	R092903	CC11C20