CA NetMaster® Network Automation

Release Notes

Release 12.1

CA Technologies Product References

This document references the following CA Technologies products:

- CA Mainframe Software Manager™ (CA MSM)
- CA NetMaster® Network Automation (CA NetMaster NA)
- CA NetSpy™ Network Performance (CA NetSpy)

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Contents

Chapter 1: New Features

This section contains the following topics:

USS Command

The USS command issues shell commands in UNIX System Services (USS). You issue the command from Command Entry.

This command has the following format:

USS *shell_command*

Note: The SOLVE SSI issues the shell commands on behalf of the user. The SOLVE SSI user ID authority determines which commands can be issued. To limit who can use the USS command, implement resource-level security. For information about resource-level security, see the *Security Guide*.

NMSAFF Security Solution

The NMSAFF security solution provides a full security exit to interface with your external security package. The exit uses the SXCTL parameter file. The file defines the security resources that you use to configure the user security.

To use this solution, specify **NMSAFF** for the SEC region JCL parameter.

Note: For more information, see *Security Guide*.

CA OPS/MVS System State Manager

A CA NetMaster NA region and the SOLVE Subsystem Interface can automatically communicate both active status events and heart beat events to CA OPS/MVS EMA. The enabling technology is through a generic active status or heartbeat event API call. CA OPS/MVS EMA provides this API to other CA Technologies mainframe products so that they can communicate events consistently to CA OPS/MVS EMA.

Chapter 2: Changes to Existing Features

This section contains the following topics:

AUTOSNACNTL Parameter Group

You can control whether to discover dynamic applications through the Discover Dynamic Appls? field in the AUTOSNACNTL parameter group. The default is not to discover those applications.

PPO Parameter Group

You can control whether to log unsolicited primary program operator (PPO) messages and secondary program operator (SPO) messages through the PPO parameter group. The default is no logging.

The parameter group has the following new fields:

- Log Unsolicited PPO Messages?
- Log SPO Messages?

These fields set respectively the PPOUSMSG and PPOSOMSG system parameters.

Command Entry

Command Entry on a 3270 terminal has the following enhancements:

- The maximum value for the Limit field has increased to 32767.
- The panel supports a new LOG field. The field enables you to suppress the logging of the response to a local command to the activity log.

STARTAUTO Operation Mode

The STARTAUTO operation mode lets a resource or service to start in the AUTOMATED mode. As the resource or service achieves its desired state, its operation mode switches to MANUAL.

For example, use STARTAUTO to start a resource automatically when the system performs an initial program load (IPL) but switch it to manual control afterwards.

Alert Monitor

You can add your own actions to the Alert Monitor. You customize the CC2DEXEC($AMCBCMX) exit to specify your actions.

Note: For information about how to customize the $AMCBCMX exit, see the *Reference Guide*.

Alert Forwarding

The CC2DSAMP($AMTRAP) management information base (MIB) definition used by alert forwarding includes the following new object identifiers:

- …
- sourceTime (1.3.6.1.4.1.1126.1.2.1.3.9)
- updateTime (1.3.6.1.4.1.1126.1.2.1.3.10)
- closeTime (1.3.6.1.4.1.1126.1.2.1.3.11)
- lastTime (1.3.6.1.4.1.1126.1.2.1.3.12)
- elapsedTime (1.3.6.1.4.1.1126.1.2.1.3.13)
- occurrences (1.3.6.1.4.1.1126.1.2.1.3.14)
- sourceId (1.3.6.1.4.1.1126.1.2.1.3.15)
- explanationCount (1.3.6.1.4.1.1126.1.2.1.3.16)
- explanationTable (1.3.6.1.4.1.1126.1.2.1.3.17)
  - explanationEntry (1.3.6.1.4.1.1126.1.2.1.3.17.1)
    - explanation (1.3.6.1.4.1.1126.1.2.1.3.17.1.1)
- systemActionCount (1.3.6.1.4.1.1126.1.2.1.3.18)
- systemActionTable (1.3.6.1.4.1.1126.1.2.1.3.19)
  - systemActionEntry (1.3.6.1.4.1.1126.1.2.1.3.19.1)
    - systemAction (1.3.6.1.4.1.1126.1.2.1.3.19.1.1)
- userActionCount (1.3.6.1.4.1.1126.1.2.1.3.20)
- userActionTable (1.3.6.1.4.1.1126.1.2.1.3.21)
  - userActionEntry (1.3.6.1.4.1.1126.1.2.1.3.21.1)
    - userAction (1.3.6.1.4.1.1126.1.2.1.3.21.1.1)
- …
- text2 (1.3.6.1.4.1.1126.1.2.1.3.105)
- text3 (1.3.6.1.4.1.1126.1.2.1.3.106)
- text4 (1.3.6.1.4.1.1126.1.2.1.3.107)
- opSysId (1.3.6.1.4.1.1126.1.2.1.3.201)
- opSysName (1.3.6.1.4.1.1126.1.2.1.3.202)
- sysplex (1.3.6.1.4.1.1126.1.2.1.3.203)
- ipHostName (1.3.6.1.4.1.1126.1.2.1.3.204)
- ipHostAddr (1.3.6.1.4.1.1126.1.2.1.3.205)

Alert Filters

Alert filters have the following enhancements:

- You can use Network Control Language (NCL) system variables in to provide values in the filter expression. For example, the following expression restricts the alerts to those alerts that originate from the local region:

  ```
  SOURCE EQ &ZNMDID
  ```

- The following new filters are available:
  - LOCAL for local alerts
  - REMOTE for alerts from remote regions
  - SYSLOGD for alerts from SYSLOGD event detectors (for use by CA NetMaster NM for TCP/IP)

Knowledge Base Export Utility

The EXPORTRM utility exports one of the following types of definitions:

- A system image with the included resource definitions
- A service image with the included service definitions
- An EventView rule set with the included rules
- A class of common components

The utility does not support the selection of individual definitions.

The export data set must exist as a sequential file with a record length of at least 80 characters. You can use DISP=MOD to append multiple exports to a single data set.

This utility has the following format:

```
EXPORTRM DSNAME=data_set_name [DISP=MOD]
       {[OPT=IMAGE SYS=system_image_name VER=version] |
        [OPT=SERVICE VER=version] |
        [OPT=RULESET RULESET=rule_set_name] |
        [OPT=COMMON TYPE=component_type [VER=version]]}
```

Note: For more information, see the *Reference Guide*.

Knowledge Base Import Utility

The IMPORTRM utility imports definitions in a data set to the knowledge base. The data set contains definitions exported by the EXPORTRM utility.

This utility has the following format:

```
IMPORTRM DSNAME=data_set_name
         MODE={REPLACE|OVERLAY|MERGE}
```

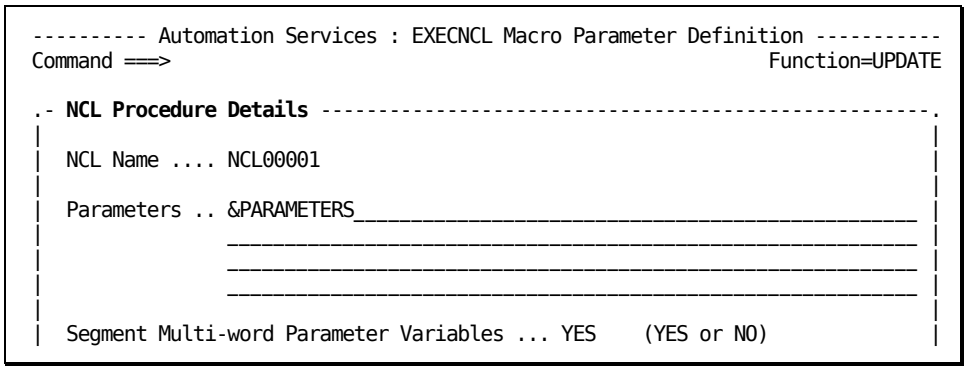
Note: For more information, see the *Reference Guide*.

Multisystem Communication Access Methods

You can update the MULTISYS parameter group to change the communication access methods that can be used without having to unlink the region. When you apply the changes, links with the region are stopped and restarted.

EXECNCL and STARTNCL Macros

You can pass a list of parameters to the EXECNCL and STARTNCL macros using variables. To use this feature, you specify YES in the Segment Multi-word Parameter Variables field on the Macro Parameter Definition panel, for example:



PARSE Macro

The PARSE macro creates a number of variables to hold the parsed input. You can specify a variable to return this number. To use this feature, you specify the name of the variable in the Variable Name for Count of Variables Created field on the Macro Parameter Definition panel.

SETSTATE Macro

The SETSTATE macro provides defaults for the following fields:

- Resource Class has a default of &ZRMDBCLASS.
- Resource Name has a default of &ZRMDBNAME.

SYSCMD Macro

The number of message rules that you can specify to detect responses in the SYSCMD macro is increased to ten.

Panel Shortcuts

You can suppress panel shortcuts or change the shortcut character. You control shortcuts through the PMENUCONTROL parameter group.

NMSAF Security Modeling

The NMSAF security solution is enhanced to build Userid Access Maintenance Subsystem (UAMS) records based on the modeling controls of a user. This build happens each time the user logs in. When the model for a user changes in external security, you no longer need to update the UAMS definitions.

Install Utility

The Install Utility has the following changes:

- The Install Utility is now unloaded into the CC2DJCL data set.
- Field-level online help is available.

Note: For more information, see the *Installation Guide*.

PDS Member Statistics

When you use Dataset Services to create or update a partitioned data set (PDS) member, interactive system productivity facility (ISPF) statistics are generated. The DSSISPST system parameter controls the generation of these statistics.

Note: For information about the system parameter, see the *Reference Guide*.

CA MSM

The Software Configuration Service (SCS) has been added for CA MSM. Use this service to configure CA Technologies mainframe products from the software inventory of the driving system to your target enterprise systems.

The SCS guides you through the configuration creation process, and through the manual steps to implement the configuration. The SCS also includes an address space communications service running on each targeted z/OS system.

Note: For more information, see the *CA Mainframe Software Manager User Guide*.

Documentation

This section contains topics that are related to documentation enhancements.

The following list shows the documentation library changes in this release:

- The *Managed Object Development Services Programmer and Administrator Guide* is renamed the *Managed Object Development Services Guide*.
- The *Network Control Language Programmer Guide* is renamed the *Network Control Language Programming Guide*.

Changes to Data Set Names

The names of the data sets have changed. We recommend that you review the following table to determine the impact to your installation:

Original Name	New Name	Description
CAIJCL	CC2DJCL	This partitioned data set (PDS) contains the installation and maintenance JCL members.
CAILINK	CC2DLINK	This PDS contains various [set the NetView variable for your book] exits.
CAILPA	CC2DLPA	This PDS contains modules that must be executed from the link pack area (LPA).

Note: For information about data sets, see the *Reference Guide*.

Product Removed From Family

The following product is not included in this release: CA NetSpy, which remains at r12.

Important! When you upgrade to CA Mainframe Network Management Release 12.1 and you use CA NetSpy r12, do *not* delete the NMC0.CC2DLOAD data set. CA NetSpy requires the data set for health checks.

Appendix A: Changes that Affect Resource-Level Security

Some product resources (for example, commands) have been added or deleted. If you are using resource-level security, review your implementation and modify as required.

This section contains the following topics:

Menu Option Changes

The following list shows the affected menu options:

New

Menu ID: $RM.029 (Automation Services : RAMDB Utilities Menu)

```
F      - Browse RAMDB Field Descriptions
```

Monitor Command Changes

The following list shows the affected monitor commands:

New

```
MS     - Set mode override to STARTAUTO
TRC    - Check members of a Resource Family Tree
```

OCS Command Changes

The following list shows the affected Operator Console Services (OCS) commands:

New

```
USS       - Issue a UNIX System Services command
```

Appendix B: Changes to Distributed Knowledge Base

If you have previously customized any of the changed objects or are using any of the deleted objects, review each instance in your old knowledge base and make modifications in your new knowledge base as required.

Note: For more information about knowledge base migration, see the *Installation Guide*.

This section contains the following topics:

$TEMPLAT 0003 Definitions

The following list shows the new, changed, and deleted definitions. The list has the following format:

resource_class :*resource_type* - *resource_description*

New

No definitions have been added.

Changed

```
MODEL   :SWPU              - SNA Switched Physical Unit
```

Deleted

No definitions have been deleted.

Commands

The following list shows the new, changed, and deleted command definitions. The list has the following format:

command :*class* - *command_description*

Note: The ALL-X class indicates all classes except for an excluded set.

New

```
MS              :ALL-X            - Set Mode Override to StartAuto
```

Changed

```
ALH             :ALL-X            - Display Alert History for a Resource
```

Deleted

No definitions have been changed.

Alert Monitor Filters

The following list shows the new, changed, and deleted alert monitor filters. The list has the following format:

monitor_filter_name - monitor_filter_description

New

```
LOCAL             - Local system alerts only
REMOTE            - Alerts from linked regions only
```

Changed

No definitions have been changed.

Deleted

No definitions have been deleted.

Icons

The following list shows the new, changed, and deleted icons. The list has the following format:

icon_name - icon_description

New

No icons have been added.

Changed

The following icon has changed in width so that four icons can fit abreast on the Graphical Monitor:

```
RMPROD     - All Resources Within a Product
```

Deleted

No icons have been deleted.

Appendix C: Changes to Messages

This section lists the changed, deleted, and new messages in Release 12.1.

Note: For information about each message, see the *Message Reference Guide*.

This section contains the following topics:

Changed Messages

The text of the following messages changed:

```
BAIPWI12     Cannot change TCP/IP Software Type: multisystem link(
GP0027       ~P1 requires System Base version of ~P2
N13218       MPREF REFRESH MRESP- LIMIT ACTION NTFY APPST SESS- -M
N13219       ~P1 ~P2 ~P3 ~P4 ~P5 ~P6 ~P7 ~P8 ~P9 ~P10
N3AN01       TCP/IP SERVER ACTIVE ON type: pppp SOCKET: ssss
N3AN90       TCP/IP SERVER REGISTER FAILED. type: pppp RC: rc FB:
N3AN91       TCP/IP SERVER ACCEPT FAILED. SOCKET: ssss type: pppp
N53H01       POOL NAME USE#
N53H02       ~P1   ~P2
N59006       PANEL panelname EXPANSION ERROR
RE0108       RULESET &P1 INCLUDED BY RULESET &P2
RMAOMNX00    BURST SUPPRESS=> ~P1
RMCALL22     '~P1' COMMAND CANNOT BE ISSUED AGAINST A LOCALLY LOAD
RMDM0038     ARM RESTART FAILED - &p1 - START COMMAND WILL BE ISSU
RMINWI56     No common access method with ~P1
RMINWI60     TCP/IP not available on this system
RMRS0002     No &P1 records found &P2
RMVM0069     OPERATION MODE MUST BE AUTOMATED, STARTAUTO, MANUAL,
RMVM0124     ~p1 selection list not available for this resource
```

Deleted Messages

The following messages were deleted:

```
NMCP0100     The Minute-Minder Listener is already running
NMCP0101     ~P1 must be a number between ~P2 and ~P3 inclusive.
NMCP0102     LOCPU value must be less than HICPU value
NMCP0103     ~P1 is not a valid data set name
NMCP0110     Minute-Minder Listener started
NMCP0111       ~P1 = ~P2
NMCP0197     Minute-Minder Listener is not active
NMCP0198     Minute-Minder Listener stop requested
NMCP0199     Minute-Minder Listener ended
```

New Messages

The following messages are new:

```
AMEVFWD27    Invalid parameter to alert forwarding. PARAMETER=~p1
BACP0100     The Minute-Minder Listener is already running
BACP0101     ~P1 must be a number between ~P2 and ~P3 inclusive.
BACP0102     LOCPU value must be less than HICPU value
BACP0103     ~P1 is not a valid data set name
BACP0110     Minute-Minder Listener started
BACP0111       ~P1 = ~P2
BACP0197     Minute-Minder Listener is not active
BACP0198     Minute-Minder Listener stop requested
BACP0199     Minute-Minder Listener ended
CAPKG030W    Server token set failed! &p1="&p2" rc=&p3 fdbk=&p4
CAPKG031W    Server &p1 socket registration failed! &p2 rc=&p3 fdb
CAPKG032I    Server &p1 socket registered on port &p2 &p3 servlet=
CAPKG033W    Server &p1 TCP connection accept failed for port &p2
CAPKG034W    Server &p1 APPC start failed for servlet &p2 rc=&p3 m
CAPKG035W    Server &p1 TCP connection socket transfer failed! Soc
CAPKG036I    Server &p1 has had &p2 TCP connections since &p3
CAPKG037I    Server &p1 stats: &p2 conns, &p3 in error, &p4 bytes
CAPKG038I    &p1
CAPKG039E    Socket call failed in &p1 : rc="&p2" fdbk=&p3 errno=&
CAPKG039I    &P1
CAPKG040W    &p1 servlet socket transfer notification timed out.
CAPKG041W    &p1 servlet received an unexpected socket transfer ms
CAPKG042W    &p1 servlet socket transfer accept failed. rc=&p2 fdb
CAPKG043W    Server &p1 has not yet registered.
CSCALLG13    SNA NMI error ~p1, connection RTP status not applied
CSCALLG14    EPS ~p1 error: Errno=~p2 Reason=~p3
CSCALLG15    EPS ID error: Verb=~p1, ID=~p2, SSID=~p3, system=~p4,
CSCALLG16    SSI ~p1 on ~p2 not contactable or Packet Analyzer not
CSCALLG17    Request timed out on SSID=~p1, system=~p2 for ~p3 wit
CSCALLG18    Number of RTPs displayed truncated from ~p1 to 4095
DFAL0523     Alert actions must be defined
DFPKG20      Alert actions executed for &P1 : &P2
FAPKG26      Incompatible Packet Analyzer level ~p1 found. Level ~
FAPKG61      A XSCAN Compile Check Expression failed, Result=~p1
GP1021       Invalid locate value specified
NF8A90       P/A S/T REQ STALLS... #CR: aaa #SR: bbb #NSR: ccc
NH0080       HC INTERFACE SETUP FAILURE: code - desc
NH0310       HC INTERFACE INSTALLED AND AVAILABLE
NH0311       HC INTERFACE UNAVAILABLE. REASON: reason
NH0312       HC INTERFACE STATUS UNKNOWN
NH0319       IBM HC REGION STATUS IS: aaa PROC NAME IS: bbb
NH0410       HC INTERFACE STATUS INFORMATION FOLLOWS...
NH0411       CHECK I/F STATUS: aaa QUERY I/F STATUS: bbb CHECKS DE
NH0412       IBM HC REGION STATUS IS: aaa  PROC NAME IS: bbb
```

```
NH0413      TYP CHECK NAME              HANDLER   F-CODE  NM-PARM
NH0414      typ check name              handler   f-code  nm-parm
NH0420      HZSQUERY REQUEST=aaa SCHEDULED...
NH0421      HZSQUERY REQUEST=aaa RESULT: bbb-ccc ddd eee fff
NH0428      DUMP OF RETURNED HZSQUAA.  @=aaa XL=bbb DL=ccc
NH0429      hex dump data
NH0430      HZSQUAA HEADER FIELD NAME.......... VALUE
NH0431      field-name                          value
NH0432      HZSQUAAG FIELD NAME................ VALUE
NH0433      field-name                          value
NH0440      LIST OF CHECKS FOLLOWS.  NUMBER: nnn
NH0441      CHECK-NAME                      OWNER           S
NH0442                                      MSGTOKEN
NH0445      check-name                      owner           s
NH0446                                      msgtoken
NH0450      CHECK LINES FOLLOW.  BUFFERS: aaa NUMBER LINES: bbb
NH0455      line-data
NH0610      HC DEFINE COMMAND COMPLETE. CHECK: aaa DEFINED
NH0620      HC DELETE COMMAND COMPLETE. CHECK: aaa DELETED
NH0621      HC DELETE COMMAND FAILED. CHECK: aaa NOT FOUND
NH0622      HC DELETE COMMAND COMPLETE. CHECK: aaa MARKED FOR PEN
NH0670      INVALID HEALTH CHECK NAME
NH0671      INVALID HEALTH CHECK REASON
NH0673      INVALID INTERVAL FORMAT
NH0680      HC DEFINE COMMAND FAILED - STORAGE SHORTAGE (1)
NH0681      HC DEFINE COMMAND FAILED - CHECK ALREADY EXISTS: aaa
NH0682      HC DEFINE COMMAND FAILED - STORAGE SHORTAGE (2)
NH2101      SCHEDULING PROCEDURE (pppp) FOR HEALTH CHECK: cccc
NH2201      PROCESS pppppp FOR CHECK: cccc HAS COMPLETED.  RESULT
NH2210      PROCESS pppppp FOR CHECK: cccc RESULT ERROR.  INFO FO
NH2211      NO RESULT SET
NH2212      RESULT: aaaa NO TEXT SET FOR bbbb
NH2213      RESULT: aaaa NO MSGID SET FOR bbbb
NH2214      RESULT: aaaa NO DIAG VALUE SET
NH2288      PROCESS pppppp FOR CHECK: cccc TERMINATED IN ERROR
NH2289      PROCESS pppppp FOR CHECK: cccc FLUSHED DUT TO TIMEOUT
NH2980      HC_UTIL VERB ONLY VALID IN A HCPROC PROCEDURE
NH2981      NO RESULT SET
NH2982      RESULT: aaa NO TEXT SET FOR bbb
NH2983      RESULT: aaa NO MSGID SET FOR bbb
NH2984      RESULT: aaa NO DIAG VALUE SET
NH2988      STEM. VARNAME TOO LONG
NH2989      STEM. VALUE LENGTH EXCEEDS 255
NH3010      LOAD FAILED FOR aaaaaaaa - HC CHECK API DISABLED
NH3011      HC CHECK API FAILED TO INITIALISE, RC: rrr, R0/1 (HEX
NH3020      CHECK: aaaaaaa DEFINED.  CORR: bbbb
NH3021      CHECK: aaaaaaa DEFINE FAILED.  RC: rr  R0/1 (HEX): bb
NY6001      SSM support initialized for ~P1
NY6002      SSM support initialization failed - Not supported on
```

```
NY6101      SSM SUPPORT STATUS
NY6102      SSM SUPPORT ACTIVE
NY6103      SSM ~P1 STATUS COMPLETE
NY6104      SSM HEARTBEAT ACTIVE
NY6105      SSM SUPPORT FAILED
NY6106      SSM ~P1 STATUS FAILED
NY6107      SSM ~P1 STATUS PENDING
NY6501      SSM support initialized for ~P1
NY6502      SSM support initialization failed- ~P1
NY6503      SSM STATUS attach failed RC:~RC
NY6504      SSM support may not be active
NY6505      SSM subtask error during detach, RC: ~RC, RS: ~RS
NY6506      SSM heartbeat active
NY6601      SSM support initialized for ~P1
NY6602      SSM support initialization failed- ~P1
NY6603      SSM STATUS attach failed RC:~RC
NY6604      SSM support may not be active
NY6605      SSM subtask error during detach, RC: ~RC, RS: ~RC
NY6606      SSM heartbeat active
NY6701      SSM support initialized for ~P1
NY6702      SSM support initialization failed - Not supported on
NY6801      SSM SUPPORT STATUS
NY6802      SSM SUPPORT ACTIVE
NY6803      SSM ~P1 STATUS COMPLETE
NY6804      SSM HEARTBEAT ACTIVE
NY6805      SSM SUPPORT FAILED
NY6806      SSM ~P1 STATUS FAILED
NY6807      SSM ~P1 STATUS PENDING
N09709      ~P1 ACTIVE AS GENERIC RESOURCE ~P2
N14E01      XOPT command processed, option: ~P1 set
N14E02      XOPT command ignored, missing option name
N14E03      XOPT command ignored, option: ~P1 name invalid
N14E04      XOPT command ignored, option: ~P1 can not be changed
N14E05      XOPT command ignored, option: ~P1 is not used
N16C59      INVALID DSNAME, DSN=aaaaaa
N2D001      Datacom interface is now ~P1
N2D002      Datacom ~P1 failed with return code ~P2 and internal
N2D801      The OML/DATACOM interface status is: ~P1
N2D802      NCLID  OWNER
N2D803      ~P1 ~P2
N2D901      State is already ~P1
N2D902      Disconnecting - ~P1 users currently connected
N2D903      Command ignored - currently ~P1
N2D904      Command accepted
N3AF18      UNIX   TYPE OWNER    CLIENTID LOCAL-PATH
N3AF19      socket type owner    clientid lpath
N3AF43
N3AF44      ------ ---- -------- -------- ----------------------
N3AF45      ------ ---------------------------------- ----------
```

N3AF46	
N3C106	TAKEOVER=YES required if SERVER= and PATH= specified
N3ZB18	UNDEFINED DOMAIN NAME FOR INCOMING CONN REQ VIA PROXY
N32912	LINK DEFINITION ~P1 TO ~P2 COMPLETED USING DEFINITION
N33D01	BIND OF LINK ATTEMPT FROM luname REJECTED: RUSIZE OUT
N33201	BIND OF LINK ATTEMPT TO luname REJECTED: RUSIZE OUT O
N80519	PASSTICKET GENERATION ENTRY POINT NOT ACCESSIBLE
N80520	PASSTICKET GENERATION FAILED FOR APPL=~p1, RC=X'~p2'
N99792	SHOW EPS COMMAND NOT PROCESSED, SSI ~P1 NOT CONNECTED
RMAD0115	CANNOT DELETE SYSTEM IMAGE WITH A HOME SYSTEM OF &P1
RMAMAPI02	CANNOT LOCATE ALERT
RMDBMS31	CANNOT COPY A ~p1 SYSTEM IMAGE TO AN EXISTING ~p2 SYS
RMDB0206	Export rejected - the export dataset is not in the co
RMDB0207	Export rejected - dataset contains data from a differ
RMDM0041	ARM RESTART DENIED - ~p1 - START COMMAND WILL NOT BE
RMINWI89	Invalid value, must be REGION, SERVER or USER
RMINWI90	Invalid value for ~P1
RMINWI91	~P1 is not a named pipe
RMINWI92	~P1 is required if ~P2 is set
RMINWI94	Could not ~P1 named pipe ~P2, RC=~P3
RMINWI95	~P1
RMINWI96	Could not restart the SYSLOG daemon
RMSL0101	SYSLOGD Pipe Receiver initialization complete
RMSL0102	~P1 is a required parameter
RMSL0103	Could not open pipe ~P1, RC=~P2
RMSL0104	SYSLOGD Pipe Receiver read error, RC=~P1
RMSL0105	~P1
RMVM0125	~P1 must start with ~P2
SD3947	OML globals excluded because this environment is bein
SD3948	Message overflow, some variables not displayed, use N
SYMS1230	Review Userid ~P1 not defined
WRINWI53	Datacom JDBC DLL directory does not contain required
WRINWI54	Datacom JDBC Class directory does not contain require

Appendix D: Published Fixes

The complete list of published fixes for this product can be found through MyCA or Published Solutions at the CA Support Download Center.

If you have CA MSM, use it to download the fixes.