
Unicenter

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1

Preparing VTAM for NetMaster for SNA

This chapter describes how to prepare VTAM so that it can work effectively with NetMaster for SNA.

This chapter contains the following topic:

- Assembling the CNM Routing Table

Assembling the CNM Routing Table

VTAM uses the CNM routing table to send CNM records across the CNM interface to NEWS and NTS. The CNM routing table (ISTMGC00) must be assembled and linked into a load library that is available to VTAM. The JCL in the CNMASM member in *dsnpref.NM500.INSTALL* performs this function.

NEWSTABL is a sample VTAM CNM routing table.

If you intend to use NEWS, do this to assemble the CNM routing table:

- Step 1. In the *dsnpref.rname.TESTEXEC(NEWSTABL)* member, read the comments supplied within the member and edit the statements to suit your installation requirements. Delete the statements that do not apply to your installation.
- Step 2. Copy the CNMASM member from *dsnpref.NM500.INSTALL* to *dsnpref.rname.JCL*.
- Step 3. In the *dsnpref.rname.JCL(CNMASM)* member, do this:
 - a. Verify the job card details, and modify them if required.
 - b. Replace the ?DSNPREF value with the *dsnpref* of the *dsnpref.rname.TESTEXEC* library.
 - c. Replace the ?RNAME value with the *rname* of the *dsnpref.rname.TESTEXEC* library.
 - d. Specify the fully qualified name of the VTAM load library.
- Step 4. Submit and run the job.

2

Starting NetMaster for SNA for the First Time

This chapter describes the tasks you must complete to implement the NetMaster for SNA region.

This chapter contains the following topics:

- Initializing NetMaster for SNA for the First Time
- Dealing with Initialization Failures
- Where to Next?

Initializing NetMaster for SNA for the First Time

Perform the following tasks to make your NetMaster for SNA region operational.

Task 1—Logging On

- Step 1. Ensure that the product region has started and the primary ACB has opened.
- Step 2. Enter LOGON APPLID(*acb-name*), using the ACB name of the product region. The logon panel is displayed.
- Step 3. Enter the user ID and password. You are prompted to change your password.
- Step 4. Press F3 (File) to change your password. After your password is changed, the initial System Parameters Customization panel is displayed.

Task 2—Performing Initial Customization

Various installation-specific parameters must be set using Initialization and Customization Services (ICS).

Customization can only be performed by a user with UAMS maintenance authority. The UAMS definition for that user must have an APPC Access Key value of ALL, if a value is not already specified.

Initialization Setup Types

From the initialization dialog panel, you can select:

- **Fast Setup**—this option enables you to review and customize only required parameter groups. It is used to implement your region as quickly as possible. It provides default values wherever possible, but enables you to review all the required parameter groups to ensure that they match your installation standards. You can customize other parameters at a later date.
- **Custom Setup**—this option enables you to review and customize the required parameter groups and additional file and dataset names, to bring the system operation closer to your installation standards. It is used to implement your region quickly, while still performing some initial customization. This option provides some default values, enables you to specify names for certain files and datasets, and enables you to review the required parameter groups (these are flagged).
- **Complete Setup**—this option enables you to review and customize all initialization and customization parameters.

Customizing Parameter Values

All parameters have default values. To customize parameter values, do this:

- Step 1. To review a parameter group, enter **U** beside it.
- Step 2. Make any changes that you require.
- Step 3. Press F6 (Action) to action the change immediately.
- Step 4. Press F3 (File) to save your changes and indicate that you have reviewed the group.

Note

If you need assistance, press F1 to get online help.

The value you assign to a parameter is associated with the performance of one or more actions, such as setting SYSPARMS or allocating datasets. You can action some parameter groups as soon as you enter appropriate values on the parameter panel. When, however, you change the value of parameters such as the system ID or MODS file names, these parameter values can only be actioned by restarting the NetMaster for SNA region.

Exiting Before Completing Customization

If you attempt to exit the customization process before reviewing all required parameter groups, you are presented with a confirmation screen. You can choose to log off and continue with the customization later. Alternatively, another user can log on at a later time and complete the customization process. Users cannot access the region until all the required parameter groups have been reviewed.

Subtask 2.1—Updating and Reviewing the Fast Setup Customization Parameters

Select the Fast Setup Customization Parameters option. The ICS : Fast Setup Customization panel is displayed.

Figure 2-1. ICS : Fast Setup Customization Panel

```
PROD----- ICS : Fast Setup Customization -----6
Command ==>                                     Scroll ==> PAGE

                S/B=Browse U=Update/Review H=Help L=Ilog SD=Set Default
Review each of the following parameter groups to ensure that they meet your
installations standards.

Reviewed?  Short Description                Required?  Parameter Group ID
          CNM Interface Details             YES       $SN CNM
          Operating System Identifiers      YES       $RM OPSYSIDS
          PPO Message Interface Details     YES       $RM PPO
          Session Awareness (SAW) Details   YES       $SN SAW
          System Identifications            YES       $NM SYSTEMID
          SOLVE Sub-System Interface        YES       $NM SSI
          TCP/IP Sockets Interface          YES       $NM SOCKETS

**END**

F1=Help      F2=Split      F3=Exit      F5=Find      F6=Refresh
F7=Backward  F8=Forward   F9=Swap     F11=Right
```

Note

The SSI parameter group is not displayed if the SSID parameter is defined in your RUNSYSIN member.

Subtask 2.2—Implementing the CNM Interface

To implement the CNM interface, you need to define the following:

- The CNM ACB details
- The CNM procedure and status
- The CNM user exit and status

To define these CNM details:

- Step 1. Enter **U** beside the CNM parameter group. The CNM - CNM Interface Details panel is displayed.
- Step 2. Enter the CNM ACB Name.
- Step 3. Complete the remaining fields on the panel. For information on these fields, press F1 (Help).

- Step 4. Press F8. The second panel for this parameter group is displayed.
- Step 5. Complete the CNM User Exit Details. For information on these fields, press F1 (Help).

Note

This page allows you to specify a CNM user exit. If you are installing NetMaster for SNA for the first time, you should leave this blank and consider implementing a user exit later. For information about the CNM user exit, see the *Unicenter NetMaster Network Management for SNA Administrator Guide*.

- Step 6. Press F6 (Action) to set the specified values and start the interface.
- Step 7. Press F3 (File) to save your settings. The Fast Setup Customization Panel appears with the CNM Interface Details Reviewed field marked as YES.

Note

You must also have set up the CNM Routing Table. See Chapter 1, *Preparing VTAM for NetMaster for SNA*.

Subtask 2.3—Implementing Operating System Identifiers Parameters (OPSYSIDS)

- Step 1. Enter U beside the OPSYSIDS parameter group. The OPSYSIDS - Operating System Identifiers panel is displayed.
- Step 2. Complete the fields on this panel.
- Ensure that the AOM subsystem ID is the same as that assigned in the SYS1.PARMLIB(IEFSSNxx) dataset member during setup. AOM is a subsystem interface that enables system message flow to the region.
 - If you use command characters for other tasks, ensure that the command characters in this parameter group are not in conflict with them.
 - If the system uses the JES3 job entry subsystem, ensure that information about the job entry subsystem is updated.
 - Press F1 (Help) for more information.
- Step 3. Press F6 (Action) to action the entries.
- Step 4. Press F3 (File) to save your settings. The Fast Setup Customization Panel appears with the Operating System Identifiers Reviewed field marked as YES.

Subtask 2.4—Implementing the PPO Message Interface

- Step 1. Enter **U** beside the PPO parameter group. The PPO - PPO Message Interface Details panel is displayed.
- Step 2. Enter the PPO ACB Name.
- Step 3. Press F6 (Action) to set the specified values and start the interface.
- Step 4. Press F3 (File) to save your settings. The Fast Setup Customization Panel appears with the PPO Message Interface Details Reviewed field marked as YES.

Subtask 2.5—Implementing Session Awareness (SAW)

To implement session awareness (SAW), you need to define the following:

- The SAW ACB details
- The SAW start options and status
- The SAW user exit and status

To define these SAW details:

- Step 1. Enter **U** beside the SAW parameter group. The SAW - Session Awareness (SAW) Details panel is displayed.
- Step 2. Enter the SAW ACB Name.
- Step 3. Complete the remaining fields on the panel. For information on these fields, press F1 (Help).
- Step 4. Press F8. The second panel for this parameter group is displayed.
- Step 5. Complete the NTS User Exit Details. For information on these fields, press F1 (Help).

Note

This page allows you to specify an NTS user exit. If you are installing NetMaster for SNA for the first time, you should leave this blank and consider implementing a user exit later. For information about the NTS user exit, see the *Unicenter NetMaster Network Management for SNA Administrator Guide*.

- Step 6. Press F6 (Action) to set the specified values and start session awareness.
- Step 7. Press F3 (File) to save your settings. The Fast Setup Customization Panel appears with the Session Awareness (SAW) Details Reviewed field marked as YES.

Note

You must also have set up the CNM Routing Table. See Chapter 1, *Preparing VTAM for NetMaster for SNA*.

Subtask 2.6—Implementing System Identifications Parameters (SYSTEMID)

- Step 1. Enter U beside the SYSTEMID parameter group. The SYSTEMID - System Identifications panel is displayed.
- Step 2. If required, you can change the:
- System ID
 - Logon Panel Title
 - OCS Title
- Step 3. Press F6 (Action) to action the entries.
- Step 4. Press F3 (File) to save your settings. The Fast Setup Customization Panel is displayed with the System Identifications Reviewed field marked as YES.

Subtask 2.7—Implementing SSI - SOLVE Sub-System Interface Parameters

- Step 1. Enter U beside the SSI parameter group. The SSI - SOLVE Sub-System Interface panel is displayed.
- Step 2. Complete the fields on the panel. By default, this parameter group uses the subsystem interface (SSI) ID specified by the SSID parameter of a PPREF statement in your RUNSYSIN member. This is the ID assigned to the SOLVE SSI service task during setup.
- For more information press F1(Help).
- Step 3. Press F6 (Action) to action the entries.
- Step 4. Press F3 (File) to save your settings. The Fast Setup Customization Panel is displayed with the SOLVE Sub-System Interface Reviewed field marked as YES.

Subtask 2.8—Implementing TCP/IP Sockets Interface Parameters

The TCP/IP sockets interface is used to support the TCP/IP access method for INMC links and to forward alerts to the Unicenter TNG Event Management Console. To implement this interface:

- Step 1. Enter **U** beside the **SOCKETS** parameter group. The **SOCKETS - TCP/IP Sockets Interface** panel is displayed.
- Step 2. If you want to use the TCP/IP access method, enter values in the following input fields:
 - TCP/IP Software Type
 - Inbound Connections Port (default 2636)
 - Enter details of the TCP/IP access method on the next page.Alternatively, if you do not want to use the TCP/IP access method, enter **NONE** in the Software Type field.
- Step 3. Press **F6 (Action)** to set the specified values and start the interface.
- Step 4. Press **F3 (File)** to save your settings. The **Fast Setup Customization Panel** appears with the **TCP/IP Sockets Interface Reviewed** field marked as **YES**.
- Step 5. Press **F3 (Exit)**. The **ICS : System Parameters Customization** panel is displayed.

Task 3—Reviewing Additional Parameter Groups

Depending on which product features you want to implement, you might need to review other parameter groups. You can review these parameter groups:

- Now—select the **Complete Setup Customization Parameters** option to list all parameter groups and review the relevant groups. When you complete the review, exit the list and the **System Parameters Customization** panel.
- Later—exit the **System Parameters Customization** panel. (When you are ready to review these parameter groups, enter the **=/ICS** shortcut to list the groups.)

Task 4—Changing User to Administrator

Before you log off, change the initial user to an administrator by using the **\$RMADMIN** group definition as a model.

- Step 1. Enter **/ASADMIN.UP** to display the **User Profile List** panel.
- Step 2. Press **F4 (Add)** to add a new user profile. The action presents you with the first panel in the user profile definition, the **User Description** panel.

- Step 3. Enter the ID of the initial user. The panel is refreshed with the existing information about the user.
- Step 4. Enter **\$RMADMIN** in the Group ID field to give the user administrative authority.
- Step 5. Press F3 (File) to save the record.

Dealing with Initialization Failures

If you log on to a region that has failed any initialization parameter groups, ICS displays the System Initialization In Progress dialog to indicate progress, and to assist you in identifying and rectifying any problems.

Fatal errors occur (for example, you are unable to log on) if either or both of the following are unavailable:

- Panel libraries
- MODS control files

Using the System Initialization In Progress Dialog

The System Initialization In Progress dialog shows you the current initialization status and whether actions associated with parameter groups have failed.

If a failure occurs:

- Step 1. Press F8 to scroll to the bottom of the System Initialization In Progress panel.
- Step 2. Enter **S** next to failed parameters.
- Step 3. View the log for the failed group—look for error messages.
- Step 4. Use the message help and the full activity log to determine the cause of the failure.
- Step 5. Make the necessary changes to the parameter group.
- Step 6. Action the parameter group.

Parameter Group Actions

You can apply the following actions to listed parameter groups:

- **S** or **B** (Browse) to browse parameter group details
- **H** (Help) to view help for a parameter group
- **U** (Update) to update parameter group details

- **AC** (Action) to action a parameter group
- **L** (ILog) to view the associated initialization and customization log
- **I** (Ignore) to indicate to the system that it should ignore a failed parameter group, and proceed to run dependent parameter groups

See the online help for additional assistance.

Note

An action can only be performed against an already completed parameter group or a failed parameter group.

Note

Ignoring parameter groups is not recommended; consider carefully before applying this action.

When you correct an error by updating an incorrect parameter group record, you have to action that parameter group before processing can continue (unless you apply the Ignore action). Action the parameter group in one of the following ways:

- By pressing F6 (the Action key) when you finish updating the parameter group
- By applying AC (Action) to the listed parameter group

Where to Next?

You have now completed the implementation tasks. To customize and administer NetMaster for SNA, see the *Unicenter NetMaster Network Management for SNA Administrator Guide*.