# Program Directory for

# NetView V2R4 for MVS/ESA

Version 2
Release 4

Program Number 5685-111

FMID HXYZ400

MVS/ESA

Document Date: August 29, 1994

xxxx-yyyy-zz

**Note!**

Before using this information and the product it supports, be sure to read the general information under “Notices” on page x.

This program directory, dated August 29, 1994, applies to NetView V2R4 for MVS/ESA Program Number 5685-111 for the following:

| FMID | Feature Numbers | System Name |
|---|---|---|
| HXYZ400 | 5810, 5811, 5812,<br>5820, 5821, 5822,<br>5870, 5871, 5872,<br>5880, 5881, 5882 | MVS/ESA |
| JXYZ401 | 5810, 5811, 5812,<br>5820, 5821, 5822 | MVS/ESA |
| JXYZ402 | 5810, 5811, 5812 | MVS/ESA |
| JXYZ406 | 5810, 5811, 5812,<br>5870, 5871, 5872 | MVS/ESA |
| JXYZ408 | 5830, 5831, 5832 | MVS/ESA |
| JXYZ409 | 5840, 5841, 5842 | MVS/ESA |
| JXYZ411 | 5870, 5871, 5872,<br>5880, 5881, 5882 | MVS/ESA |
| JXYZ412 | 5870, 5871, 5872 | MVS/ESA |
| JXYZ418 | 5000, 5001, 5002 | MVS/ESA |
| JXYZ419 | 5003, 5004, 5005 | MVS/ESA |

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# 1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of NetView* V2R4 for MVS/ESA* (hereafter referred to as NetView V2R4). Read the entire document before installing the program, and keep this document for future reference.

The program directory contains the following sections:

- 2.0, “Program Materials” on page 10 identifies the basic and optional program materials and documentation for NetView V2R4.
- 3.0, “Program Support” on page 24 describes the IBM* support available for NetView V2R4.
- 4.0, “Program and Service Level Information” on page 26 contains information about the APARs (program level) and PTFs (service level) incorporated into NetView V2R4.
- 5.0, “Installation Requirements and Considerations for Distributed System” on page 27 identifies the resources and considerations for installing and using NetView V2R4 distributed system.
- 6.0, “Installation Requirements and Considerations for the Central System” on page 40 identifies the resources and considerations for installing and using NetView V2R4 central system.
- 7.0, “Installation Instructions” on page 58 provides detailed installation instructions for NetView V2R4.
- Appendix A, “NetView V2R4 Install Logic” on page 147 provides the install logic for NetView V2R4.
- Appendix B, “Program Level Information” on page 155 lists the APARs incorporated into NetView V2R4.

Before installing NetView V2R4, read 3.2, “Preventive Service Planning” on page 24. This section tells you how to find any updates to the information and procedures in this program directory.

Do not use this program directory if you are installing NetView V2R4 with an MVS Custom-Built Installation Process Offering (CBIPO*) (5751-CS1). Instead, use the CBIPO Related Installation Materials (RIMs) provided with the CBIPO. The CBIPO RIMs will point you to specific sections of the program directory as required.

If you are installing NetView V2R4 using the MVS Custom-Built Product Delivery Offering (CBPDO*) (5751-CS3), use the soft copy program directory provided on the CBPDO tape. Your CBPDO contains a soft copy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for NetView V2R4 are included on the CBPDO tape.

If you are migrating from a version of the NetView program prior to Version 2 or a NetView predecessor product, there are several considerations you should be aware of. Library consolidations eliminate some former target libraries and add new target libraries. Refer to 7.0, “Installation Instructions” on page 58, 7.1.5.2, “APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 129, and 7.1.6.2, “ACCEPTing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 144 for more information.

If you wish to run more than one NetView program or a predecessor product with NetView V2R4, there are some installation issues you need to be aware of involving target and distribution zones as well as target and distribution libraries. Refer to 7.0, “Installation Instructions” on page 58, 7.1.5.2, “APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 129, and 7.1.6.2, “ACCEPTing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 144 for more information.

## 1.1 NetView V2R4 Ordering Options

When you ordered NetView V2R4 you specified two things:

- An installation option
- A National Language Support (NLS) option.

**NLS note**

To install both NetView US English feature and NetView Japanese feature on the same CPU, they must be installed into separate global zones and separate target zones with maintenance applied to each independently. If you try to install both the NetView US English feature and the NetView Japanese feature into the same global or target zones, the extended language features will not install correctly.

The materials you received for NetView V2R4 contain functions associated with both installation options and NLS choices.

Figure 1 shows the different ordering options and the components that are received with each option:

*Figure 1. Ordering Option Components*

| | Ordering Option | | | |
|---|---|---|---|---|
| **Component** | **NetView Distributed System US English** | **NetView Distributed System Japanese** | **NetView Central System US English** | **NetView Central System Japanese** |
| NetView Base HXYZ400 | x | x | x | x |
| NetView Base US English JXYZ401 | x | | x | |
| NetView Base Japanese JXYZ411 | | x | | x |
| NetView Extended Base JXYZ406 | | | x | x |
| NetView Extended US English JXYZ402 | | | x | |
| NetView Extended Japanese JXYZ412 | | | | x |

Figure 2 shows the different ordering options and the components that are received with each option for the NetView Graphic Monitor Facility.

*Figure 2. Ordering Option Components for NGMF*

| | Ordering Option | | | |
|---|---|---|---|---|
| **Component** | **NetView Graphic Monitor Facility Client Server US English** | **NetView Graphic Monitor Facility Client US English** | **NetView Graphic Monitor Facility Client Server Japanese** | **NetView Graphic Monitor Facility Client Japanese** |
| NetView Graphic Monitor Facility Client Server US English JXYZ408 | x | | | |
| NetView Graphic Monitor Facility Client US English JXYZ409 | | x | | |
| NetView Graphic Monitor Facility Client Server Japanese JXYZ418 | | | x | |
| NetView Graphic Monitor Facility Client Japanese JXYZ419 | | | | x |

## 1.1.1 NetView V2R4 Installation Options

When you ordered NetView V2R4 you specified an appropriate option pertaining to the environment where you planned to use the product. The installation options are:

- Distributed system
- Central system
- NetView Graphic Monitor Facility Client/Server
- NetView Graphic Monitor Facility Client

The central system, distributed system, Graphic Monitor Facility Client/Server or Graphic Monitor Facility Client option was ordered through the use of unique feature numbers. The standalone system installation option is provided as part of the central system option and is selected during installation.

The *NetView Installation and Administration Guide* provides instructions to set the appropriate installation option during the administration phase of installation.

#### 1.1.1.1 NetView V2R4 Central System Option

The central system option provides all of the function of NetView V2R4, and should be used on any system where an operations staff is expected to be present and where NetView-to-NetView sessions will be required. This option is appropriate for systems that will provide focal point operations for either network management or system automation. It allows an operations staff at a central site to support multiple systems, including both those in the same data center and those located at remote sites. The central system option provides the following functions in support of this environment:

- NetView Graphic Monitor Facility (This is only downloadable to your workstation if you have ordered the NetView Graphic Monitor Facility Client/Server feature.)
- NetView Graphic Monitor Facility Host Subsystem
- Session monitor operator panels
- Hardware monitor operator panels.

#### 1.1.1.2 NetView V2R4 Distributed System Option

For multiple host networks, you can install the distributed system option to manage networks from the central system NetView program. The distributed system option provides system and network management for remote hosts, as well as NetView-to-NetView communication.

You can install the distributed system option from the central system option libraries. Refer to *NetView Installation and Administration Guide* for complete instructions.

#### 1.1.1.3 NetView V2R4 Graphic Monitor Facility Client/Server

This feature allows you to download the NetView V2R4 Graphic Monitor Facility Client/Server code to your workstation. You must order one feature for each server you wish to run.

#### 1.1.1.4 NetView V2R4 Graphic Monitor Facility Client

This feature allows you to download the NetView V2R4 Graphic Monitor Facility Client code to your workstation. You must order one feature for each client you wish to run. There must be at least one Client/Server installed in order to install Graphic Monitor Facility Client.

#### 1.1.1.5 Summary of Functions by Environment

Figure 3 shows the functions contained in the option for each environment.

*Figure 3. Functions by Environment*

| Functions | Central System | Distributed System |
|---|---|---|
| NetView Functions<br>• Session monitor panels<br>• Hardware monitor panels<br>• NetView Graphic Monitor Facility[2]<br>• NetView Graphic Monitor Facility Host Subsystem | Yes | No |
| NetView-to-NetView Communications<br>• Command facility, session monitor, and hardware monitor cross-domain communication<br>• NetView alert and status forwarding | Yes[1] | Yes |

### 1.1.2 NetView V2R4 NLS Options

When you ordered NetView V2R4 you specified a language in which you want to run NetView V2R4. The NLS options for NetView V2R4 are:

- US English
- Japanese

The NLS option was specified through the use of unique feature numbers.

## 1.2 NetView Graphic Monitor Facility

The master copy of the NetView Graphic Monitor Facility workstation code is included on the tapes or cartridges containing the central system. However, in order to download the code to your workstation you must order the NetView Graphic Monitor Facility Client/Server feature and, if needed, the NetView Graphic Monitor Facility Client feature.

The installation procedure documented in *NetView Installation and Administration Guide* describes the process of downloading and installing the workstation code onto the supported programmable workstation.

You must order the number of NetView Graphic Monitor Facility Client/Server and Graphic Monitor Facility Client features that you wish to download. You may not exceed the number of copies of workstation code for NetView Graphic Monitor Facility that you have ordered.

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1 If you select the standalone system option, this function is not available.

2 The NetView Graphic Monitor Facility is not available unless you also ordered the NetView Graphic Monitor Facility feature.

## 1.3 GraphicsView/2

GraphicsView/2 is a program product that provides graphics services for the NetView Graphic Monitor Facility. It has been included on the NetView distribution media for the central system option and is an integrated part of the NetView installation.

## 1.4 Command Tree/2

Command Tree/2 is a program product that provides assistance with issuing NetView commands without looking up syntax and punctuation. Command Tree/2 is included on the NetView distribution media for the central system option and is an integrated part of the NetView installation.

## 1.5 NetView Installation and Administration Facility/2

NetView Installation and Administration Facility/2 (NIAF/2) is an OS/2* workstation-based tool that lets you perform both host and workstation installation and administration tasks. NIAF/2 significantly reduces the amount of time it takes to install NetView V2R4. It also helps you maintain a current level of the NetView V2R4 program.

NIAF/2 features include:

- Context-sensitive help for each task and installation parameter
- Highlighted new and changed parameters for migrators
- Data validation for each installation parameter
- The ability to identify and track all activities using a log

## 1.6 What's New in the NetView V2R4 Installation Procedures

This section gives an overview of major changes to the installation and migration procedure for NetView V2R4 that affect users who are migrating from V1R3, V2R1, V2R2 and V2R3. For more information, see the Preventive Service Planning (PSP) bucket.

- Base NetView code is now consolidated into a single FMID: HXYZ400. All users will receive this FMID. Distributed system users will receive an additional FMID, JXYZ401 in the U.S. English package or JXYZ411 in the Japanese package. Central system users will receive three additional FMIDs: JXYZ406, JXYZ401, and JXYZ402 in the U.S. English package or JXYZ406, JXYZ411, and JXYZ412 in the Japanese package.
- NetView installation samples now include the samples necessary to create a separate SMP/E environment for NetView products. Samples are included to allocate the required SMP/E data sets (SMPMTS, SMPPTS, SMPSTS, SMPSCDS, SMPLOG and SMPLOGA), allocate and prime a global CSI, and define the global, target and distribution zones in one or more CSIs.

- If you are migrating from NetView V1R3, make sure you read the following sections for information regarding library changes from V1R3 to V2R4:
  - 7.0, “Installation Instructions” on page 58
  - 7.1.5.2, “APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 129
  - 7.1.6.2, “ACCEPTing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 144
- Status monitor performance has been enhanced beginning in NetView V2R1 and VTAM* V3R3. As a result, users should be aware that library SCNMLNK1 must be in the VTAMLIB concatenation list in the VTAM start procedure. There is only one module in this library for V2R4: ISTIECCE. In addition, NetView must be coded as non-swappable in the MVS program properties table and run in storage protection key 8. See “Updating the SCHEDXX Member” in the *NetView Installation and Administration Guide* for specific coding details.
- All NetView modules which reside in LPALIB have been moved to a separate library: SCNMLPA1. This library should be concatenated in your LPALSTxx member and prior levels should be deleted from LPALIB. See 7.0, “Installation Instructions” on page 58 for more information.
- BNJMISC has been deleted for NetView V2R4.
- NetView V2R4 has added two new target and distribution libraries, DSIPARM and DSIPRF. These libraries contain default NetView definitions and operator profiles for NetView V2R4. You may place any customized definition members or operator profile members into separate data sets and then concatenate these data sets above the default libraries. In this way you can receive maintenance, with no additional work, for any NetView definition member or operator profile member that you have not customized.
- A new target library, SEKGLNK1, has been added. You must add SEKGLNK1 to the LNKLSTxx member that defines the link-list for the target system.
- SCNMLNK1/SCNMLPA1 compatibility issues.

  SCNMLNK1: The V2R3 and V2R2 versions of SCNMLNK1 are compatible as long as the constraints below are observed:

  1. The V2R4 level of module ISTIECCE must reside in this library. Therefore, if you later revert to using V2R3, V2R2 or V2R1, you must replace this module or library with the previous level.
  2. Only one status monitor performance improvement may be active on any one VTAM. See the *NetView Administration Reference* for DSICNM for the O SECSTAT parameter.

  SCNMLPA1: LPALIB modules are all downward compatible with prior releases (V1R3, V2R1, V2R2 and V2R3). As long as you have the highest release level modules in this library, you may go between releases of NetView without doing any module replacement.
- The NLDM database keylength was changed from 54 to 27 as an SPE to NetView V1R3. It was incorporated in NetView V2R1 and all later releases. If you are migrating from a release earlier than this, or are migrating from one of the above releases but have not changed your keylength from 54 to 27, you should reallocate your VSAM database to have a keylength of 27.

- NetView V2R4 SSI is not compatible with prior versions of NetView. Users must end both the NetView V2R4 application and the SSI before starting a previous release of NetView. DSICTMOD is a constants module containing definitions upon which NetView V2R4 depends. Make sure you modify, assemble, and link-edit this module if you are migrating and want to keep changes you made to this module in a previous release.
- The workstation code for NetView V2R4 is not compatible with previous releases of NetView. Likewise, NetView V2R4 is not compatible with previous releases of workstation code.
- CNME1035, an important command list used at NetView startup, was changed in NetView V2R3. If you are migrating from an earlier release of NetView and plan on using your old CNME1035, note that a new task, DSIRQJOB, is started out of this command list at NetView initialization.
- If you are running the NetView program with VTAM V4R1 or a later release, you need to specify some migration options in the VTAM start options member, ATCSTR00 (CNMS0010), to continue using certain functions. VTAM V4R1 provides a new function called network qualified names (NQN), which requires new operands be added to the VTAM messages. Instead of modifying the old messages, new messages were created to allow for migration. If you are using the status monitor, the NetView Graphic Monitor Facility command support, or any type of user program that examines VTAM messages, you need to consider using the following options:

  MSGLEVEL Specifies which level of VTAM messages to use. If you specify BASE, the old messages are used. If you specify V4R1, the new messages with network qualified names are used.

  NQNMODE Allows resources under different names to be known to the same VTAM. If you specify this option, commands are required to have network identifiers.

  See *VTAM Resource Definition Reference* for more information on these start options.
- Due to performance considerations, it is recommended that you re-allocate your VSAM data sets when you install NetView V2R4. If you do not, you may receive VSAM warning messages and will be unable to take advantage of some of the performance improvements in this release. You can prevent these messages from being issued by re-running the job to create your DSIZVLSR after installing NetView, or placing your current copy of DSIZVLSR in a data set ahead of the V2R4 code.
- Due to growth, for 1600 BPI tapes the NetView Base has been split onto 2 physical tape volumes. The VOLSERs of these volumes are XYZ400 and XYZ40A. If you have ordered 1600 BPI tapes you will have to modify the SMP Receive job CNMJRC00 in order to receive both tapes.
- The NetView Graphic Monitor Facility code is now ordered via separate feature numbers. Although the workstation code will still be shipped on the Central Site tapes, you must now order the NetView Graphic Monitor Facility Client/Server feature, and, if needed, the NetView Graphic Monitor Facility Client feature in order to be able to download the NetView Graphic Monitor Facility code to your workstation. The features will contain the files necessary to perform the download. You must order one feature for each workstation you plan to download the NetView Graphic Monitor Facility code onto. At least one copy of the NetView Graphic Monitor Facility Client/Server feature is required in order to be able to install the NetView Graphic Monitor Facility Client feature.

  **Note:** If you are installing the English version of NetView, then you must APPLY the PTF(s) associated with APAR OW07638 before you APPLY any of the NetView Graphic Monitor Facility FMIDs (JXYZ408 and JXYZ409).

# 2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for NetView V2R4 is 5685-111.

The program announcement material describes the features supported by NetView V2R4. Ask your IBM marketing representative for this information if you have not already received a copy.

The following sections identify the basic and optional program materials available with this program.

## 2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tapes, written at either 1600 or 6250 BPI, or 3480 cartridges. The tapes or cartridges contain all the programs and data needed for installation. It is installed using SMP/E R5 or later. See 5.0, “Installation Requirements and Considerations for Distributed System” on page 27 and 6.0, “Installation Requirements and Considerations for the Central System” on page 40 for more information about how to install the program.

### 2.1.1 Distributed System Installation Option - US English Feature

Figure 4 describes the tapes or cartridges for NetView V2R4 distributed system option US English. Figure 5 on page 11 describes the file content of the program tapes for 1600 BPI. Figure 6 on page 11 describes the file content of the program tapes for 6250 BPI and 3480 cartridges.

*Figure 4. Distributed System US English Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5820 | 1 | D 1/3 VOLSER=XYZ400 | XYZ400 |
| 1600 tape | 5820 | 2 | D 2/3 VOLSER=XYZ40A | XYZ40A |
| 1600 tape | 5820 | 3 | D 3/3 VOLSER=XYZ401 | XYZ401 |
| 6250 tape | 5821 | 1 | D 1/2 VOLSER=XYZ400 | XYZ400 |
| 6250 tape | 5821 | 2 | D 2/2 VOLSER=XYZ401 | XYZ401 |
| 3480 cart. | 5822 | 1 | D 1/2 VOLSER=XYZ400 | XYZ400 |
| 3480 cart. | 5822 | 2 | D 2/2 VOLSER=XYZ401 | XYZ401 |

*Figure 5. Distributed System US English Program Tape(s): File Content (1600 BPI)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ40A | 1 | HXYZ400.F4 | VB | 256 | 6148 | 13 |
| XYZ40A | 2 | HXYZ400.F5 | VB | 256 | 6148 | - |
| XYZ401 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ401 | 2 | JXYZ401.F1 | FB | 80 | 6160 | 1902 |
| XYZ401 | 3 | JXYZ401.F2 | FB | 125 | 3125 | 2 |
| XYZ401 | 2 | JXYZ401.F3 | VB | 256 | 6148 | 31 |

*Figure 6. Distributed System US English Program Tape(s): File Content (6250 BPI and 3480 cartridges)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ400 | 6 | HXYZ400.F5 | VB | 256 | 6148 | 13 |
| XYZ401 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ401 | 2 | JXYZ401.F1 | FB | 80 | 6160 | 1902 |
| XYZ401 | 3 | JXYZ401.F2 | FB | 125 | 3125 | 2 |
| XYZ401 | 2 | JXYZ401.F3 | VB | 256 | 6148 | 31 |

## 2.1.2 Distributed System Installation Option - Japanese Feature

Figure 7 describes the tapes or cartridges for NetView V2R4 distributed system option Japanese. Figure 8 on page 12 describes the file content of the program tapes for 1600 BPI. Figure 9 on page 13 describes the file content of the program tapes for 6250 BPI or 3480 cartridges.

*Figure 7. Distributed System Japanese Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5880 | 1 | D 1/3 VOLSER=XYZ400 | XYZ400 |
| 1600 tape | 5880 | 2 | D 2/3 VOLSER=XYZ40A | XYZ40A |
| 1600 tape | 5880 | 3 | D 3/3 VOLSER=XYZ411 | XYZ411 |
| 6250 tape | 5881 | 1 | D 1/2 VOLSER=XYZ400 | XYZ400 |
| 6250 tape | 5881 | 2 | D 2/2 VOLSER=XYZ411 | XYZ411 |
| 3480 cart. | 5882 | 1 | D 1/2 VOLSER=XYZ400 | XYZ400 |
| 3480 cart. | 5882 | 2 | D 2/2 VOLSER=XYZ411 | XYZ411 |

*Figure 8. Distributed System Japanese Program Tape(s): File Content (1600 BPI)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ40A | 1 | HXYZ400.F4 | VB | 256 | 6148 | 13 |
| XYZ40A | 2 | HXYZ400.F5 | VB | 256 | 6148 | - |
| XYZ411 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ411 | 2 | JXYZ411.F1 | FB | 80 | 6160 | 1 |
| XYZ411 | 3 | JXYZ411.F2 | FB | 80 | 6160 | 1921 |
| XYZ411 | 4 | JXYZ411.F3 | FB | 125 | 3125 | 2 |
| XYZ411 | 5 | JXYZ411.F4 | VB | 256 | 6148 | 35 |
| XYZ411 | 6 | JXYZ411.F5 | U | 0 | 6144 | 51 |

*Figure 9. Distributed System Japanese Program Tape(s): File Content (6250 BPI and 3480 cartridges)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ400 | 6 | HXYZ400.F5 | VB | 256 | 6148 | 13 |
| XYZ411 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ411 | 2 | JXYZ411.F1 | FB | 80 | 6160 | 1 |
| XYZ411 | 3 | JXYZ411.F2 | FB | 80 | 6160 | 1921 |
| XYZ411 | 4 | JXYZ411.F3 | FB | 125 | 3125 | 2 |
| XYZ411 | 5 | JXYZ411.F4 | VB | 256 | 6148 | 35 |
| XYZ411 | 6 | JXYZ411.F5 | U | 0 | 6144 | 51 |

## 2.1.3 Central System Installation Option - US English Feature

Figure 10 describes the tapes or cartridges for NetView V2R4 central system option US English. Figure 11 on page 14 describes the file content of the program tapes for 1600 BPI. Figure 12 on page 15 describes the file content of the program tapes for 6250 BPI or cartridges.

*Figure 10 (Page 1 of 2). Central System US English Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5810 | 1 | C 1/5 VOLSER=XYZ400 | XYZ400 |
| 1600 tape | 5810 | 2 | C 2/5 VOLSER=XYZ40A | XYZ40A |
| 1600 tape | 5810 | 3 | C 3/5 VOLSER=XYZ401 | XYZ401 |
| 1600 tape | 5810 | 4 | C 4/5 VOLSER=XYZ402 | XYZ402 |
| 1600 tape | 5810 | 5 | C 5/5 VOLSER=XYZ406 | XYZ406 |
| 6250 tape | 5811 | 1 | C 1/4 VOLSER=XYZ400 | XYZ400 |
| 6250 tape | 5811 | 2 | C 2/4 VOLSER=XYZ401 | XYZ401 |
| 6250 tape | 5811 | 3 | C 3/4 VOLSER=XYZ402 | XYZ402 |
| 6250 tape | 5811 | 4 | C 4/4 VOLSER=XYZ406 | XYZ406 |
| 3480 cart. | 5812 | 1 | C 1/4 VOLSER=XYZ400 | XYZ400 |
| 3480 cart. | 5812 | 2 | C 2/4 VOLSER=XYZ401 | XYZ401 |
| 3480 cart. | 5812 | 3 | C 3/4 VOLSER=XYZ402 | XYZ402 |

*Figure 10 (Page 2 of 2). Central System US English Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 3480 cart. | 5812 | 4 | C 4/4 VOLSER=XYZ406 | XYZ406 |

*Figure 11. Central System US English Program Tape(s): File Content (1600 BPI)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ40A | 1 | HXYZ400.F4 | VB | 256 | 6148 | 13 |
| XYZ40A | 2 | HXYZ400.F5 | VB | 256 | 6148 | - |
| XYZ401 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ401 | 2 | JXYZ401.F1 | FB | 80 | 6160 | 1902 |
| XYZ401 | 3 | JXYZ401.F2 | FB | 125 | 3125 | 2 |
| XYZ401 | 4 | JXYZ401.F3 | VB | 256 | 6148 | 31 |
| XYZ402 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ402 | 2 | JXYZ402.F1 | FB | 80 | 6160 | 1 |
| XYZ402 | 3 | JXYZ402.F2 | U | 0 | 6144 | 63 |
| XYZ402 | 4 | JXYZ402.F3 | FB | 80 | 6160 | 3790 |
| XYZ402 | 5 | JXYZ402.F4 | VB | 256 | 6148 | 42 |
| XYZ406 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ406 | 2 | JXYZ406.F1 | FB | 80 | 6160 | 1 |
| XYZ406 | 3 | JXYZ406.F2 | FB | 80 | 6160 | 32 |
| XYZ406 | 4 | JXYZ406.F3 | U | 0 | 6144 | 243 |
| XYZ406 | 5 | JXYZ406.F4 | VB | 256 | 6148 | 25 |

*Figure 12. Central System US English Program Tape(s): File Content (6250 BPI and 3480 cartridges)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ400 | 6 | HXYZ400.F5 | VB | 256 | 6148 | 13 |
| XYZ401 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ401 | 2 | JXYZ401.F1 | FB | 80 | 6160 | 1902 |
| XYZ401 | 3 | JXYZ401.F2 | FB | 125 | 3125 | 2 |
| XYZ401 | 4 | JXYZ401.F3 | VB | 256 | 6148 | 31 |
| XYZ402 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ402 | 2 | JXYZ402.F1 | FB | 80 | 6160 | 1 |
| XYZ402 | 3 | JXYZ402.F2 | U | 0 | 6144 | 63 |
| XYZ402 | 4 | JXYZ402.F3 | FB | 80 | 6160 | 3790 |
| XYZ402 | 5 | JXYZ402.F4 | VB | 256 | 6148 | 42 |
| XYZ406 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ406 | 2 | JXYZ406.F1 | FB | 80 | 6160 | 1 |
| XYZ406 | 3 | JXYZ406.F2 | FB | 80 | 6160 | 32 |
| XYZ406 | 4 | JXYZ406.F3 | U | 0 | 6144 | 243 |
| XYZ406 | 5 | JXYZ406.F4 | VB | 256 | 6148 | 25 |

## 2.1.4 Central System Installation Option - Japanese Feature

Figure 13 describes the tapes or cartridges for NetView V2R4 central system option Japanese. Figure 14 on page 17 describes the file content of the program tapes for 1600 BPI. Figure 15 on page 18 describes the file content of the program tapes for 6250 BPI or cartridges.

*Figure 13 (Page 1 of 2). Central System Japanese Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5870 | 1 | C 1/5 VOLSER=XYZ400 | XYZ400 |
| 1600 tape | 5870 | 2 | C 2/5 VOLSER=XYZ40A | XYZ40A |
| 1600 tape | 5870 | 3 | C 3/5 VOLSER=XYZ411 | XYZ411 |
| 1600 tape | 5870 | 4 | C 4/5 VOLSER=XYZ412 | XYZ412 |

*Figure 13 (Page 2 of 2). Central System Japanese Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5870 | 5 | C 5/5 VOLSER=XYZ406 | XYZ406 |
| 6250 tape | 5871 | 1 | C 1/4 VOLSER=XYZ400 | XYZ400 |
| 6250 tape | 5871 | 2 | C 2/4 VOLSER=XYZ411 | XYZ411 |
| 6250 tape | 5871 | 3 | C 3/4 VOLSER=XYZ412 | XYZ412 |
| 6250 tape | 5871 | 4 | C 4/4 VOLSER=XYZ406 | XYZ406 |
| 3480 cart. | 5872 | 1 | C 1/4 VOLSER=XYZ400 | XYZ400 |
| 3480 cart. | 5872 | 2 | C 2/4 VOLSER=XYZ411 | XYZ411 |
| 3480 cart. | 5872 | 3 | C 3/4 VOLSER=XYZ412 | XYZ412 |
| 3480 cart. | 5872 | 4 | C 4/4 VOLSER=XYZ406 | XYZ406 |

*Figure 14. Central System Japanese Program Tape(s): File Content (1600 BPI)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ40A | 1 | HXYZ400.F4 | VB | 256 | 6148 | 13 |
| XYZ40A | 2 | HXYZ400.F5 | VB | 256 | 6148 | - |
| XYZ406 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ406 | 2 | JXYZ406.F1 | FB | 80 | 6160 | 1 |
| XYZ406 | 3 | JXYZ406.F2 | FB | 80 | 6160 | 32 |
| XYZ406 | 4 | JXYZ406.F3 | U | 0 | 6144 | 243 |
| XYZ406 | 5 | JXYZ406.F4 | VB | 256 | 6148 | 25 |
| XYZ411 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ411 | 2 | JXYZ411.F1 | FB | 80 | 6160 | 1 |
| XYZ411 | 3 | JXYZ411.F2 | FB | 80 | 6160 | 1921 |
| XYZ411 | 4 | JXYZ411.F3 | FB | 125 | 3125 | 2 |
| XYZ411 | 5 | JXYZ411.F4 | VB | 256 | 6148 | 35 |
| XYZ411 | 6 | JXYZ411.F5 | U | 0 | 6144 | 51 |
| XYZ412 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ412 | 2 | JXYZ412.F1 | FB | 80 | 6160 | 1 |
| XYZ412 | 3 | JXYZ412.F2 | U | 0 | 6144 | 1 |
| XYZ412 | 4 | JXYZ412.F3 | FB | 80 | 6160 | 3721 |
| XYZ412 | 5 | JXYZ412.F4 | VB | 256 | 6148 | 37 |

*Figure 15. Central System Japanese Program Tape(s): File Content (6250 BPI and 3480 cartridges)*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ400 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ400 | 2 | HXYZ400.F1 | FB | 80 | 6160 | 257 |
| XYZ400 | 3 | HXYZ400.F2 | FB | 80 | 6160 | 22 |
| XYZ400 | 4 | HXYZ400.F3 | U | 0 | 6144 | 3925 |
| XYZ400 | 5 | HXYZ400.F4 | FB | 80 | 6160 | 748 |
| XYZ400 | 6 | HXYZ400.F5 | VB | 256 | 6148 | 13 |
| XYZ406 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ406 | 2 | JXYZ406.F1 | FB | 80 | 6160 | 1 |
| XYZ406 | 3 | JXYZ406.F2 | FB | 80 | 6160 | 32 |
| XYZ406 | 4 | JXYZ406.F3 | U | 0 | 6144 | 243 |
| XYZ406 | 5 | JXYZ406.F4 | VB | 256 | 6148 | 25 |
| XYZ411 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ411 | 2 | JXYZ411.F1 | FB | 80 | 6160 | 1 |
| XYZ411 | 3 | JXYZ411.F2 | FB | 80 | 6160 | 1921 |
| XYZ411 | 4 | JXYZ411.F3 | FB | 125 | 3125 | 2 |
| XYZ411 | 5 | JXYZ411.F4 | VB | 256 | 6148 | 35 |
| XYZ411 | 6 | JXYZ411.F5 | U | 0 | 6144 | 51 |
| XYZ412 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ412 | 2 | JXYZ412.F1 | FB | 80 | 6160 | 1 |
| XYZ412 | 3 | JXYZ412.F2 | U | 0 | 6144 | 1 |
| XYZ412 | 4 | JXYZ412.F3 | FB | 80 | 6160 | 3721 |
| XYZ412 | 5 | JXYZ412.F4 | VB | 256 | 6148 | 37 |

## 2.1.5 NetView Graphic Monitor Facility Client/Server - US English Feature

Figure 16 describes the tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client/Server option US English. Figure 17 on page 19 describes the file content of the program tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client/Server option US English.

*Figure 16 (Page 1 of 2). NetView Graphic Monitor Facility Client/Server US English Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5830 | 1 | C/S VOLSER=XYZ408 | XYZ408 |

*Figure 16 (Page 2 of 2). NetView Graphic Monitor Facility Client/Server US English Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 6250 tape | 5831 | 1 | C/S VOLSER=XYZ408 | XYZ408 |
| 3480 cart | 5832 | 1 | C/S VOLSER=XYZ408 | XYZ408 |

*Figure 17. Graphic Monitor Facility Client/Server US English Program Tape(s): File Content*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ408 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ408 | 2 | JXYZ408.F1 | FB | 80 | 6160 | 4 |
| XYZ408 | 3 | JXYZ408.F2 | VB | 256 | 6148 | 2 |

## 2.1.6 NetView Graphic Monitor Facility Client/Server - Japanese Feature

Figure 18 describes the tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client/Server option Japanese. Figure 19 describes the file content of the program tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client/Server option Japanese.

*Figure 18. NetView Graphic Monitor Facility Client/Server Japanese Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5000 | 1 | C/S VOLSER=XYZ418 | XYZ418 |
| 6250 tape | 5001 | 1 | C/S VOLSER=XYZ418 | XYZ418 |
| 3480 cart | 5002 | 1 | C/S VOLSER=XYZ418 | XYZ418 |

*Figure 19. Graphic Monitor Facility Client/Server Japanese Program Tape(s): File Content*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ418 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ418 | 2 | JXYZ418.F1 | FB | 80 | 6160 | 4 |
| XYZ418 | 3 | JXYZ418.F2 | VB | 256 | 6148 | 2 |

## 2.1.7 NetView Graphic Monitor Facility Client - US English Feature

Figure 20 describes the tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client option US English. Figure 21 on page 20 describes the file content of the program tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client option US English.

*Figure 20. NetView Graphic Monitor Facility Client US English Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5840 | 1 | Clien VOLSER=XYZ409 | XYZ409 |
| 6250 tape | 5841 | 1 | Clien VOLSER=XYZ409 | XYZ409 |
| 3480 cart | 5842 | 1 | Clien VOLSER=XYZ409 | XYZ409 |

*Figure 21. Graphic Monitor Facility Client US English Program Tape(s): File Content*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ409 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ409 | 2 | JXYZ409.F1 | VB | 256 | 6148 | 2 |

### 2.1.8 NetView Graphic Monitor Facility Client - Japanese Feature

Figure 22 describes the tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client option Japanese. Figure 23 describes the file content of the program tapes or cartridges for NetView V2R4 Graphic Monitor Facility Client option Japanese.

*Figure 22. NetView Graphic Monitor Facility Client Japanese Basic Material: Program Tape(s)*

| Medium | Feature Number | Physical Volume | External Label Identification | VOLSER |
|---|---|---|---|---|
| 1600 tape | 5003 | 1 | Clien VOLSER=XYZ419 | XYZ419 |
| 6250 tape | 5004 | 1 | Clien VOLSER=XYZ419 | XYZ419 |
| 3480 cart | 5005 | 1 | Clien VOLSER=XYZ419 | XYZ419 |

*Figure 23. Graphic Monitor Facility Client Japanese Program Tape(s): File Content*

| VOLSER | File | Name | RECFM | LRECL | BLK Size | Number of Elements |
|---|---|---|---|---|---|---|
| XYZ419 | 1 | SMPMCS | FB | 80 | N/A | N/A |
| XYZ419 | 2 | JXYZ419.F1 | VB | 256 | 6148 | 2 |

## 2.2 Additional Basic Material

In addition to the basic material, you received one of the following memos with NetView V2R4. The memo you received corresponds to the installation option you ordered.

- Memo to Licensee: distributed system option
- Memo to Licensee: central system option

## 2.3 Optional Machine-Readable Material

There are no optional machine-readable materials for NetView V2R4.

## 2.4 Program Publications

The following sections identify the basic and optional publications for NetView V2R4.

### 2.4.1 Basic Program Publications

Figure 24 identifies the basic program publications for NetView V2R4. One copy of each of these publications is included when you order the basic materials for NetView V2R4. For additional copies, contact your IBM representative.

*Figure 24. Basic Material: Unlicensed Publications*

| Publication Title | Form Number |
|---|---|
| *NetView Licensed Program Specifications* | GC31-7083 |
| *NetView Administration Reference* | SC31-7080 |
| *NetView Customization Guide* | SC31-7091 |
| *NetView Customization: Using Assembler* | SC31-7094 |
| *NetView Installation and Administration Guide (MVS)* | SC31-7084 |
| *NetView Operation* | SC31-7066 |
| *NetView Messages* | SC31-7096 |
| *NetView Automation Planning* | SC31-7082 |
| *Planning and Reference for NetView, NCP, and VTAM* | SC31-7122* |
| *NetView Storage Estimates* (MVS) (PS/2*) (PS/55) | SK2T-6016 |
| *Learning About NetView* | SK2T-1995 |
| *NetView General Information Manual* | GC31-7098 |
| *NetView User's Guide* | SC31-7067* |
| *NetView Installation and Administration Facility Guide* | SC31-7099 |
| *Planning for Integrated Networks* | SC31-7123* |
| *Planning Aids: PreInstallation Checklist for NetView, NCP and VTAM* | SX75-0092* |

* When available

Figure 25 lists additional publications that you received if you ordered the central system option.

*Figure 25. Basic Material: Unlicensed Publications for the Central System Option*

| Publication Title | Form Number |
|---|---|
| *NetView Graphic Monitor Facility User's Guide* | SC31-7089 |
| *NetView Graphic Monitor Facility Reference Poster* | SC75-0100 |
| *GraphicsView/2 General Information* | GC31-6116 |
| *Using IBM Command Tree/2* | SC31-7013 |
| *IBM Command Tree/2 Proof of License* | SX75-0086 |
| *IBM GraphicsView/2 Proof of License* | SX75-0049 |
| *GraphicsView/2 Application Programming Guide* | SC31-6117 |
| *Learning About NetView Graphic Monitor Facility* | SK2T-6018 |
| *GraphicsView/2 Messages and Problem Reporting* | SC31-6143 |
| *GraphicsView/2 Licensed Information* | SX75-0061 |
| *IBM Program License Agreement* | Z125-3301 |

Figure 26 lists licensed publications you received if you ordered either the central system or distributed system option.

*Figure 26. Basic Material: Licensed Publications*

| Publication Title | Form Number | Feature Number |
|---|---|---|
| *NetView Problem Determination and Diagnosis* | LY43-0101 | 8087 |

## 2.4.2 Optional Program Publications

Figure 27 identifies the basic program publications for the NETCENTER* ordering option. When you order the basic materials for the NETCENTER option, you will receive one copy of each. For additional copies, contact your IBM representative.

**Note:** The publications shown in Figure 27 contain information about both NetView Graphic Monitor Facility and the Inventory Information Manager; however, the NETCENTER option of NetView does not contain the Inventory Information Manager.

*Figure 27 (Page 1 of 2). Optional Material: Unlicensed Publications*

| Publication Title | Form Number |
|---|---|
| *NETCENTER At A Glance* | GC31-6100 |
| *NETCENTER Preinstallation Guide for MVS Hosts* | GC75-0104 |
| *NETCENTER Workstation Planning and Installation Guide* | GC75-0106 |
| *NETCENTER Operator Tutorial* | GC75-0109 |
| *NETCENTER Workstation Operation Reference* | SC75-0102 |

*Figure 27 (Page 2 of 2). Optional Material: Unlicensed Publications*

| Publication Title | Form Number |
|---|---|
| *NETCENTER Workstation Administration Reference* | SC75-0103 |
| *NETCENTER Workstation Messages and Codes* | SC75-0105 |
| *NETCENTER Installation and Maintenance for MVS Hosts* | SC75-0107 |
| *NETCENTER Administrator Workbook* | SC75-0108 |
| *NETCENTER Service Point Interface Installation and Reference* | SC75-0111 |

Figure 28 identifies other optional material. The first copy is available at no charge. For additional copies, contact your IBM representative.

*Figure 28. Other Optional Material*

| Publication Title | Form Number |
|---|---|
| *Networking System Products Softcopy Collection* (CD-ROM) | SK2T-6012 |
| *Networking System Products Softcopy Collection* (3480 Cart.) | SK2T-6013 |
| *NetView Automation Implementation* | LY43-0016 |
| *NIAF/2 Installation and Administration Facility/2* (3.5" diskettes) | LK2T-6020 |
| *NIAF/2 Installation and Administration Facility/2* (3.5" diskettes-Japanese) | LK2T-2000 |

## 2.5 Microfiche Support

There is no microfiche for NetView V2R4.

## 2.6 Publications Useful During Installation

The publications listed in Figure 29 may be useful during the installation of NetView V2R4. To order copies, contact your IBM representative.

*Figure 29. Publications Useful During Installation*

| Publication Title | Form Number |
|---|---|
| *SMP/E: Messages and Codes* | SC28-1108 |
| *MVS Custom-Built Offering Planning and Installation* | SC23-0352 |
| *SMP/E Reference* | SC28-1107 |
| *SMP/E User's Guide* | SC28-1302 |
| *IBM Communications Manager Configuration Guide* | S04G-1002 |
| *IBM GraphicsView/2 Installation Guide* | SC31-6115 |

# 3.0 Program Support

This section describes the IBM support available for NetView V2R4.

## 3.1 Program Services

This program is classified as a Licensed Program. Contact your IBM marketing representative or systems engineer (SE) for specific information about available program services.

## 3.2 Preventive Service Planning

If you obtained NetView V2R4 as part of a CBPDO, there is HOLDDATA and Preventive Service Planning (PSP) information for NetView V2R4 on the CBPDO tape. Before installing NetView V2R4, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended for additional PSP information.

To obtain this information, specify NETVIEW240 as your UPGRADE. Also specify the SUBSET values listed for your ordering option in Figure 30.

*Figure 30. Ordering Options and SUBSET IDs*

| Ordering Option | Subset |
|---|---|
| Distributed System US English | HXYZ400 JXYZ401 |
| Distributed System Japanese | HXYZ400 JXYZ411 |
| Central System US English | HXYZ400 JXYZ401 JXYZ402 JXYZ406 |
| Central System Japanese | HXYZ400 JXYZ406 JXYZ411 JXYZ412 |
| NetView Graphic Monitor Facility Client/Server US English | JXYZ408 |
| NetView Graphic Monitor Facility Client/Server Japanese | JXYZ418 |
| NetView Graphic Monitor Facility Client US English | JXYZ409 |
| NetView Graphic Monitor Facility Client Japanese | JXYZ419 |

If you have received NetView V2R4 from IBM Software Distribution, before installing NetView V2R4, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended for additional PSP information.

## 3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center.

Figure 31 identifies the component IDs (COMP IDs) for NetView V2R4.

*Figure 31. Component IDs*

| FMID | COMP ID | Component Name | REL |
|---|---|---|---|
| HXYZ400 | 568511101 | NetView Base | 400 |
| JXYZ401 | 568511101 | NetView Base US English | 401 |
| JXYZ402 | 568511101 | NetView Extended US English | 402 |
| JXYZ406 | 568511101 | NetView Extended Base | 406 |
| JXYZ408 | 568511101 | NetView Graphic Monitor Facility Client/Server US English | 408 |
| JXYZ409 | 568511101 | NetView Graphic Monitor Facility Client US English | 409 |
| JXYZ411 | 568511101 | NetView Base Japanese | 411 |
| JXYZ412 | 568511101 | NetView Extended Japanese | 412 |
| JXYZ418 | 568511101 | NetView Graphic Monitor Facility Client/Server Japanese | 418 |
| JXYZ419 | 568511101 | NetView Graphic Monitor Facility Client Japanese | 419 |

# 4.0 Program and Service Level Information

This section identifies the program and service levels of NetView V2R4. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

## 4.1 Program Level Information

Appendix B, “Program Level Information” on page 155 lists the APAR fixes for previous releases of NetView that have been incorporated into NetView V2R4.

## 4.2 Service Level Information

This is the initial release of NetView V2R4 and there are no PTFs.

## 4.3 Cumulative Service Tape

A cumulative service tape, containing PTFs not incorporated into this release, may be included with this program. If you received this product as part of a CBPDO, there is no cumulative service tape.

# 5.0 Installation Requirements and Considerations for Distributed System

The following sections identify the system requirements for installing and activating NetView V2R4 distributed system. The information is categorized into two distinct system environments:

- The system used to install the program (driving system)
- The system on which the program is installed (target system)

Figure 32 shows the distributed system base NLS options and their components.

*Figure 32. NLS Options for Distributed System Base*

| NLS Ordering Option | Components | FMIDs |
|---|---|---|
| Distributed System US English | NetView Base<br>NetView Base US English | HXYZ400<br>JXYZ401 |
| Distributed System Japanese | NetView Base<br>NetView Base Japanese | HXYZ400<br>JXYZ411 |

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by NetView V2R4 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

**NU** New data set used by only one program.
**NM** New data set used by more than one program.
**EU** Existing data set used by only one program.
**EM** Existing data set used by more than one program.

## 5.1 Driving System Requirements

This section describes the environment of the driving system required to install NetView V2R4 distributed system.

### 5.1.1 Operating System Requirements

Use an MVS/SP* V2R2 (MVS/XA*) or MVS/SP V3 or V4 (MVS/ESA) operating system to install NetView V2R4 distributed system.

## 5.1.2 Machine Requirements

There are no special machine requirements for the driving system.

## 5.1.3 Programming Requirements

SMP/E R5 or later is required to install NetView V2R4 distributed system.

## 5.1.4 DASD Storage Requirements

Figure 33 estimates the storage requirements for the SMPCSI data set for SMP/E. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

*Figure 33. Storage Requirements for SMPCSI Data Set for SMP/E for NetView V2R4 Distributed System*

| DASD | Cylinders Required for SMPCSI Data | Tracks Required for SMPCSI Index |
|---|---|---|
| 3380 | 40 | 30 |

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install NetView V2R4.

*Figure 34. Storage Requirements for SMP/E System Entries*

| SUB-ENTRY | Value | Comment |
|---|---|---|
| DSSPACE | (300,500,900) | Use 900 directory blocks |
| PEMAX | 9999 | Use a PEMAX of 9999 |

Figure 35 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 34.

*Figure 35. Approximate SMP/E Temporary Library Space*

| Disk Drive | Tracks |
|---|---|
| 3380 | 1675 |

*Figure 36 (Page 1 of 2). Storage Requirements for the SMP/E Work Data Sets*

| DDNAME | DSORG | RECFM | LRECL | BLKSIZE | No. of BLKS Pri,Sec | No. of DIR BLKS |
|---|---|---|---|---|---|---|
| SMPWRK1 | PO | FB | 80 | 6160 | 100,100 | 5 |
| SMPWRK2 | PO | FB | 80 | 6160 | 200,100 | 5 |

*Figure 36 (Page 2 of 2). Storage Requirements for the SMP/E Work Data Sets*

| DDNAME | DSORG | RECFM | LRECL | BLK SIZE | No. of BLKS Pri,Sec | No. of DIR BLKS |
|---|---|---|---|---|---|---|
| SMPWRK3 | PO | FB | 80 | 3200 | 400,200 | 5 |
| SMPWRK4 | PO | FB | 80 | 3200 | 400,200 | 5 |
| SMPWRK6 | PO | FB | 80 | 3200 | 400,200 | 5 |

The following table provides an estimate of the additional storage needed in the SMP/E data sets for NetView V2R4. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

*Figure 37. Storage Requirements for SMP/E Data Sets*

| Data Set Name or Library Name | TYPE | DSORG | RECFM | LRECL | BLK SIZE | No. of BLKS Pri,Sec | No. of DIR BLKS |
|---|---|---|---|---|---|---|---|
| SMPMTS | EM | PO | FB | 80 | 6160 | 40,10 | 25 |
| SMPPTS | EM | PO | FB | 80 | 6160 | 400,10 | 25 |
| SMPSCDS | EM | PO | FB | 80 | 6160 | 40,10 | 25 |
| SMPSTS | EM | PO | FB | 80 | 6160 | 40,10 | 25 |

## 5.2 Target System Requirements

This section describes the environment of the target system required to install and use NetView V2R4.

### 5.2.1 Operating System Requirements

NetView V2R4 distributed system operates under the MVS/ESA operating system.

### 5.2.2 Machine Requirements

NetView V2R4 distributed system runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.

## 5.2.3 Programming Requirements

NetView V2R4 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/SP-JES2 Version 3 Release 1.3 (5685-001) or later
  or
  MVS/SP-JES3 Version 3 Release 1.3 (5685-002) or later
  - ACF/VTAM* Version 3 Release 3 for MVS/ESA (5686-085) or later
    or
    ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
- MVS/ESA SP-JES2 Version 4 (5695-047) or MVS/ESA SP-JES3 Version 4 (5695-048)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later
    or
    ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later

**Note:** No specific JES is required beyond what the operating system requires.

## 5.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install NetView V2R4 distributed system.

If you have not created SMP/E DDDEF entries for each data set, do so at this time.

The sizes given are correct for the US English language option of NetView V2R4 distributed system. Other languages may vary slightly. The installation samples allocate data sets large enough to install any language option of NetView V2R4 distributed system. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

*Figure 38. Storage Requirements for Target Libraries*

| Data Set Name or Library Name | TYPE | DSORG | RECFM | LRECL | BLK Size | No. of BLKS | No. of DIR BLKS |
|---|---|---|---|---|---|---|---|
| BNJPNL2 | EU | PO | FB | 80 | 6160 | 7 | 1 |
| CNMCLST | EU | PO | FB | 80 | 6160 | 532 | 11 |
| CNMINST | EU | PO | FB | 80 | 6160 | 31 | 2 |
| CNMLINK | EU | PO | U | 0 | 6144 | 2351 | 137 |
| CNMPNL1 | EU | PO | FB | 80 | 6160 | 1056 | 90 |
| CNMSAMP | EU | PO | FB | 80 | 6160 | 2092 | 21 |
| DSIPARM | EU | PO | FB | 80 | 6160 | 189 | 5 |
| DSIPRF | EU | PO | FB | 80 | 6160 | 6 | 1 |
| SEGVPS21 | EU | PO | VB | 256 | 6148 | 20 | 2 |
| SEGVPS22* | EU | PO | VB | 256 | 6148 | 34 | 1 |
| MACLIB | EU | PO | FB | 80 | 6160 | 927 | 13 |
| NVULIB | EU | PO | U | 0 | 6144 | 24 | 6 |
| SCNMLNK1 | EU | PO | U | 0 | 6144 | 2 | 1 |
| SCNMLPA1 | EU | PO | U | 0 | 6144 | 5 | 2 |
| SDSIMSG1 | EU | PO | FB | 80 | 6160 | 2 | 1 |
| SEKGMOD1 | NU | PO | U | 0 | 6144 | 516 | 5 |
| SEKGMOD2 | NM | PO | U | 0 | 6144 | 100 | 3 |
| SEKGLNK1 | EU | PO | U | 0 | 6144 | 1 | 1 |
| SEKGLUTB | NU | PO | FB | 80 | 6160 | 2 | 1 |
| SEKGCAS1 | NU | PO | FB | 80 | 6160 | 1 | 1 |
| SEKGLANG | NM | PO | FB | 125 | 3125 | 15 | 1 |
| SEKGSMP1 | NM | PO | FB | 80 | 6160 | 408 | 7 |
| SCNMPNL2* | NU | PO | FB | 80 | 6160 | 1088 | 90 |
| SBNJPNL3* | NU | PO | FB | 80 | 6160 | 73 | 1 |
| SCNMMJPN* | EU | PO | U | 0 | 6144 | 64 | 9 |

* Used only with the Japanese component.

*Figure 39. Storage Requirements for Distribution Libraries*

| Data Set Name or Library Name | TYPE | DSORG | RECFM | LRECL | BLK Size | No. of BLKS | No. of DIR BLKS |
|---|---|---|---|---|---|---|---|
| ABNJPNL2 | EU | PO | FB | 80 | 6160 | 6 | 1 |
| ACNMCLST | EU | PO | FB | 80 | 6160 | 532 | 11 |
| ACNMINST | EU | PO | FB | 80 | 6160 | 31 | 2 |
| ACNMLINK | EU | PO | U | 0 | 6144 | 3732 | 498 |
| ACNMPNL1 | EU | PO | FB | 80 | 6160 | 1056 | 90 |
| ACNMSAMP | EU | PO | FB | 80 | 6160 | 2092 | 20 |
| ADSIPARM | EU | PO | FB | 80 | 6160 | 189 | 5 |
| ADSIPRF | EU | PO | FB | 80 | 6160 | 6 | 1 |
| AEGVPS21 | EU | PO | VB | 256 | 6148 | 20 | 2 |
| AEGVPS22* | EU | PO | VB | 256 | 6148 | 34 | 1 |
| ADSIMSG1 | EU | PO | FB | 80 | 6160 | 2 | 1 |
| AMACLIB | EU | PO | FB | 80 | 6160 | 927 | 13 |
| ANVULIB | EU | PO | U | 0 | 6144 | 24 | 6 |
| AEKGMOD1 | NU | PO | U | 0 | 6144 | 497 | 58 |
| AEKGLUTB | NU | PO | FB | 80 | 6160 | 2 | 1 |
| AEKGCAS1 | NU | PO | FB | 80 | 6160 | 1 | 1 |
| AEKGLANG | NM | PO | FB | 125 | 3125 | 15 | 1 |
| AEKGSMP1 | NU | PO | FB | 80 | 6160 | 408 | 7 |
| ACNMPNL2* | NU | PO | FB | 80 | 6160 | 1088 | 90 |
| ABNJPNL3* | NU | PO | FB | 80 | 6160 | 73 | 1 |
| ACNMMJPN* | EU | PO | U | 0 | 6144 | 64 | 9 |

## 5.3 Program Considerations

The following sections list the programming considerations for installing NetView V2R4 distributed system and activating its functions.

* Used only with the Japanese component.

## 5.3.1 Programming Considerations

See 5.0, “Installation Requirements and Considerations for Distributed System” on page 27 for specific instructions.

## 5.3.2 System Considerations

There are no system considerations for NetView V2R4 distributed system.

## 5.3.3 Special Considerations

The following NetView functions and features require the specified program levels or subsequent upward-compatible levels unless stated otherwise:

### 5.3.3.1 NetView Installation and Administration Facility/2

- TSO/E Version 2 (5685-025)
- OS/2 2.0 (84F7-586)
  or
  OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)
- Communications Manager from OS/2 2.0 Extended Services*
  1.0 (96F8-326)
  or
  Communications Manager/2 (5871-AAA, 2804)
- Database Manager from OS/2 2.0 Extended Services 1.0 (96F8-326)
  or
  Database 2 OS/2 (DB2/2*) (5622-044)
- OS/2 J2.0 (5605-PNC) and Extended Services J (5605-PEE)
  or
  OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)

### 5.3.3.2 Resource Object Data Manager (RODM)

- OS PL/I Version 2.3 Library (5668-911) for PL/I API and RODM initialization
- C/370* Library Version 2 (5688-188) for the Log Formatter
- C/370 Library Version 2 (5688-188) for C API - optional

#### 5.3.3.3 NetView Bridge -- Support for INFO Access

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API
  - REXX TSO/E Version 2 (5685-025) for REXX API in MVS/ESA

#### 5.3.3.4 APPNTAM Agent

- OS/2 2.0 (84F7-586)
- Communications Manager/2 Version 1.1 (5871-AAA, 6485 or 6486)

#### 5.3.3.5 MVS Sysplex Support - Compatibility Mode

NetView V2R4 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) without exploiting the extended multiple console support functions. One of the following is required:

- MVS/ESA SP-JES2 Version 4 (5695-047)
- MVS/ESA SP-JES3 Version 4 (5695-048)

#### 5.3.3.6 MVS Sysplex Support - Enablement

NetView V2R4 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) and exploit the functions of the extended multiple console support. One of the following is required:

- MVS/ESA SP-JES2 Version 4 Release 2.2 (5695-047) or later
- MVS/ESA SP-JES3 Version 4 Release 2.2 (5695-048) or later

#### 5.3.3.7 NetView REXX Support

- TSO/E Version 2 (5685-025) or later

#### 5.3.3.8 Pre-initialized PL/I Environments for NetView HLL

- OS PL/I Version 2.3 Library (5668-911)

#### 5.3.3.9 Pipeline Automation

Pipeline automation for MVS commands requires the use of extended multiple console support. See MVS Sysplex Support Enablement.

#### 5.3.3.10 Support for IBM LAN Network Manager Enhanced Command Interface

- IBM LAN Network Manager Version 1.1 (74F5-538)

#### 5.3.3.11 NetView Support for 3174 ISDN

- 3174 Configuration C Release 1

#### 5.3.3.12 Session Monitor Support of APPN* Display and Problem Determination

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)
- ACF/NCP Version 6 Release 2 (5688-231)

#### 5.3.3.13 Session Monitor Support of VTAM Takeover-Giveback of an NCP

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### 5.3.3.14 Session Monitor Support of VTAM Extended MS-Transport

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### 5.3.3.15 Management of Frame Relay (DTE) and Ethernet

- ACF/NCP Version 6 (5688-231)

#### 5.3.3.16 NetView Parallel Transmission Group Support

- ACF/NCP Version 5 Release 3 MVS and VM (5668-738)

#### 5.3.3.17 NetView Network Asset Management

Provides NCP vital product data (VPD) and hardware device vital product information for those devices that support the Request Product Set ID (PSID) architecture or signal converters that support LPDA-2 commands:

- ACF/NCP Version 4 Release 2 (5668-854) for the 3720 or 3725 communication controllers

In addition to device support, the following releases of ACF/NCP provide vital product information for the communication controller:

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 3 VSE (5668-738) and
- ACF/NCP Version 5 Release 3 MVS and VM (5668-738) or later for the 3720 or 3745

#### 5.3.3.18 NetView Performance Monitor (NPM) Alerts

- NPM Version 1 Release 4 (5665-333 MVS) or later for session alerts

#### 5.3.3.19 NetView Support for Programmable Network Access (PNA)

- PNA Version 1.11 (72F0-708)

### 5.3.3.20 Active in Session

- ACF/VTAM Version 3 Release 4.2 for MVS/ESA (5685-085)

### 5.3.3.21 SAF Security Checking on RODM Connections

- RACF* 1.9 (5740-XXH) (or later) or its SAF equivalent

### 5.3.3.22 SAF Security Checking on Operator Passwords, and Optionally Data set Access

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

### 5.3.3.23 SAF Security Checking RMTCMD RMTOPS Class

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

### 5.3.3.24 HLL Restriction

- NetView V2R4 is not compatible with the AD/Cycle* LE/370 compilers or run time libraries for PL/I or C.

### 5.3.3.25 Other Considerations

For information regarding the latest CSD level applicable to your version of OS/2, refer to the PSP bucket.

In order to use extended MCS consoles, the MVS 4.2.2 system must be at PUT level 9201 or above. Also ensure the PTFs related to the following APARS are applied:

OY53278
OY53501
OY56361 and OY56362 (PE of 53278 and 53501)
OY53280
OY53281
OY53282
OY52960
OY54135
OY55149
OY55148
OY56570
OY56801
OY57024
OY57082

In order to use the Resource Object Data Manager (RODM) function, apply the PTFs related to the following APARs.

*Figure 40. APARs Required to Use RODM*

| Product | APARs |
|---|---|
| PL/I V2R3 | PL85812<br>PN06072<br>PN00307<br>PN16148<br>PN25681<br>PN18478 |
| MVS | OY44197<br>OY47321 (for MVS 3.1.3 only)<br>OY50257<br>OY47498 |

If you wish to use the RACF defined RODMMGR class for security, you must first apply the PTF(s) relating to APAR OW00233.

The PTF(s) relating to APAR IR79685 should be applied to TSO/E before you install any NetView files to your workstation from the host.

If you are using NETCENTER, apply the PTFs for APAR OY55648.

If you are using PC TSO File Transfer, apply PTF UR30379.

If you are using TSO/E 2.1.1, apply the PTFs for APARs OY21043 and OY21666. These APARs address co-requisites for NetView customers who will be using REXX. They should be applied to TSO/E and can be applied to MVS/ESA systems.

If you are using TSO/E 2.3, apply the PTFs for APAR OY55379. This APAR addresses a problem encountered when running REXX CLISTs.

The PTF(s) relating to APAR OY15390, OY21657, and OY21659 should be applied to VTAM if you are using Network Asset Management.

If you are running VTAM V3R4.1, you must apply the PTFs associated with APAR OY63261.

If you are running VTAM V4R1, you must apply the PTFs associated with the following APARs: OY66754, OY66126, OY66978, OY62056, OY65044 and OY66382.

The PTF(s) for APARs PL36280, PL38681, and PL41906 should be applied to the IBM C Compiler if that language will be used to write NetView command procedures or installation exits.

APARs OY34997 and OY36838 discuss the PTF(s) that must be applied to NETCENTER in order for it to work with NetView V2R4 distributed system.

The TSCF V1 PTF for APAR OY44072 is required for NetView V2R4 to run with TSCF V1.

If your network will have both NetView V2R4 distributed system and NetView V1R3 and you plan to use the Alert Color support (COLOR option hardware monitor recording and viewing filters), apply the PTF(s) associated with the APARs found in Figure 41 on page 38. If you do not apply these PTFs, attempting to display or set COLOR filters on the NetView V1R3 system from the NetView V2R4 distributed system can cause unpredictable results.

*Figure 41. NetView V1R3 APARs*

| APAR | Operating System |
|---|---|
| OY28667 | MVS/ESA |
| OY28534 | MVS/XA |
| VM40102 | VM |

If your network will have a combination of NetView V2R4 distributed system and NetView V1R2, V1R3, V2R1, or V2R2, then the appropriate PTFs associated with the APARs listed in Figure 42 and Figure 43 on page 39 should be applied to your NetView V1R2, V1R3, V2R1, or V2R2 systems in order for cross-domain session monitor data to be displayed correctly by your NetView V2R4 distributed system.

*Figure 42. NetView V1R2 and V1R3 APARs*

| APAR(s) | Release/Operating System |
|---|---|
| OY28581 | V1R3 MVS/ESA |
| OY25548 | V1R3 MVS/XA |
| VM39856 | V1R3 VM |
| OY26070 | V1R2 MVS/XA |
| OY27016 | V1R2 MVS/370 |
| DY38134 | V1R2 VSE |
| VM39857 | V1R2 VM |

*Figure 43. NetView V2R1 and V2R2 APARs*

| APAR(s) | Release/Operating System |
|---|---|
| OY57858 | V2R1 MVS/ESA |
| OY52593 | V2R1 MVS/ESA |
| OY56209 | V2R2 MVS/ESA |
| OY54834 | V2R2 MVS/ESA |
| OY52593 | V2R2 MVS/ESA |
| OY54651 | V2R2 MVS/ESA |
| OY57224 | V2R2 MVS/ESA |
| OY56338 | V2R2 MVS/XA |
| OY53482 | V2R2 MVS/XA |
| OY54648 | V2R2 MVS/XA |
| OY57221 | V2R2 MVS/XA |

The Generic Code Point Tables have been moved from the Central Site to the Distributed System. You need to apply any PTF's associated with APAR OY05413 in order to obtain this support. In order to facilitate the application of these PTF's there are special notes included with the CNMJALLO, CNMJDDDF and CNMJDDDC jobs in section 7.0, “Installation Instructions” on page 58 of this document. This will allow you to make the necessary changes to your data set structure before you apply the PTF's.

You are now aware of all of the installation requirements for NetView V2R4 distributed system. Proceed to 7.0, “Installation Instructions” on page 58 to begin your product installation.

# 6.0 Installation Requirements and Considerations for the Central System

The following sections identify the system requirements for installing and activating NetView V2R4 central system. This section will also include the information necessary for installing the NetView Graphic Monitor Facility Client/Server feature and the NetView Graphic Monitor Facility Client feature. The information is categorized into two distinct system environments:

1. The system used to install the program (driving system)
2. The system on which the program is installed (target system).

Figure 44 shows the central system base NLS options and their components.

*Figure 44. NLS Options for Central System Base*

| NLS Ordering Option | Components | FMIDs |
|---|---|---|
| Central System US English | NetView Base<br>NetView Base US English<br>NetView Extended Base<br>NetView Extended US English | HXYZ400<br>JXYZ401<br>JXYZ406<br>JXYZ402 |
| Central System Japanese | NetView Base<br>NetView Base Japanese<br>NetView Extended Base<br>NetView Extended Japanese | HXYZ400<br>JXYZ411<br>JXYZ406<br>JXYZ412 |

Figure 45 shows the NetView Graphic Monitor Facility NLS options and their components.

*Figure 45. NLS Options for NetView Graphic Monitor Facility*

| NLS Ordering Option | Components | FMIDs |
|---|---|---|
| NetView Graphic Monitor Facility Client/Server US English | NetView Graphic Monitor Facility Client/Server US English | JXYZ408 |
| NetView Graphic Monitor Facility Client/Server Japanese | NetView Graphic Monitor Facility Client/Server Japanese | JXYZ418 |
| NetView Graphic Monitor Facility Client US English | NetView Graphic Monitor Facility Client US English | JXYZ409 |
| NetView Graphic Monitor Facility Client Japanese | NetView Graphic Monitor Facility Client Japanese | JXYZ419 |

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by NetView V2R4 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

**NU** New data set used by only one program.
**NM** New data set used by more than one program.
**EU** Existing data set used by only one program.
**EM** Existing data set used by more than one program.

## 6.1 Driving System Requirements

This section describes the environment of the driving system required to install NetView V2R4 central system.

### 6.1.1 Operating System Requirements

Use an MVS/SP V2R2 (MVS/XA) or MVS/SP V3 or V4 (MVS/ESA) operating system to install NetView V2R4 central system.

### 6.1.2 Machine Requirements

There are no special machine requirements for the driving system.

### 6.1.3 Programming Requirements

SMP/E R5 or later is required to install the NetView V2R4 central system.

### 6.1.4 DASD Storage Requirements

Figure 46 estimates the storage requirements for the SMPCSI data set for SMP/E. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

*Figure 46. Storage Requirements for SMPCSI Data Set for SMP/E for NetView V2R4 Central System*

| DASD | Cylinders Required for SMPCSI Data | Tracks Required for SMPCSI Index |
|---|---|---|
| 3380 | 40 | 30 |

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install NetView V2R4 central system.

*Figure 47 (Page 1 of 2). Storage Requirements for SMP/E System Entries*

| SUB-ENTRY | Value | Comment |
|---|---|---|
| DSSPACE | (300,500,900) | Use 900 directory blocks |

*Figure 47 (Page 2 of 2). Storage Requirements for SMP/E System Entries*

| SUB-ENTRY | Value | Comment |
|---|---|---|
| PEMAX | 9999 | Use a PEMAX of 9999 |

Figure 48 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 47 on page 41.

*Figure 48. Approximate SMP/E Temporary Library Space*

| Disk Drive | Tracks |
|---|---|
| 3380 | 1675 |

*Figure 49. Storage Requirements for the SMP/E Work Data Sets*

| DDNAME | DSORG | RECFM | LRECL | BLK Size | No. of BLKS Pri,Sec | No. of DIR BLKS |
|---|---|---|---|---|---|---|
| SMPWRK1 | PO | FB | 80 | 6160 | 100,100 | 5 |
| SMPWRK2 | PO | FB | 80 | 6160 | 200,100 | 5 |
| SMPWRK3 | PO | FB | 80 | 3200 | 400,200 | 5 |
| SMPWRK4 | PO | FB | 80 | 3200 | 400,200 | 5 |
| SMPWRK6 | PO | FB | 80 | 3200 | 400,200 | 5 |

The following table provides an estimate of the additional storage needed in the SMP/E data sets for NetView V2R4 central system. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

*Figure 50. Storage Requirements for SMP/E Data Sets*

| Data Set Name or Library Name | TYPE | DSORG | RECFM | LRECL | BLK Size | No. of BLKS Pri,Sec | No. of DIR BLKS |
|---|---|---|---|---|---|---|---|
| SMPMTS | EM | PO | FB | 80 | 6160 | 40,10 | 25 |
| SMPPTS | EM | PO | FB | 80 | 6160 | 400,10 | 25 |
| SMPSCDS | EM | PO | FB | 80 | 6160 | 40,10 | 25 |
| SMPSTS | EM | PO | FB | 80 | 6160 | 40,10 | 25 |

## 6.2 Target System Requirements

This section describes the environment of the target system required to install and use the NetView V2R4 central system.

### 6.2.1 Operating System Requirements

NetView V2R4 central system operates under the MVS/ESA operating system.

### 6.2.2 Machine Requirements

The NetView V2R4 central system runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.

### 6.2.3 Programming Requirements

NetView V2R4 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/SP-JES2 Version 3 Release 1.3 (5685-001) or later
  or
  MVS/SP-JES3 Version 3 Release 1.3 (5685-002) or later
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5686-085) or later
    or
    ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
- MVS/ESA SP-JES2 Version 4 (5695-047) or MVS/ESA SP-JES3 Version 4 (5695-048)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later
    or
    ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later

**Note:** No specific JES is required beyond what the operating system requires.

### 6.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install the NetView V2R4 central system.

The sizes given are correct for the US English language option of the NetView V2R4 central system. Other languages may vary slightly. The installation samples allocate data sets large enough to install any language option of the NetView V2R4 central system.

*Figure 51. Storage Requirements for Target Libraries*

| Data Set Name or Library Name | TYPE | DSORG | RECFM | LRECL | BLK Size | No. of BLKS | No. of DIR BLKS |
|---|---|---|---|---|---|---|---|
| BNJPNL1 | EU | PO | FB | 80 | 6160 | 3283 | 251 |
| BNJPNL2 | EU | PO | FB | 80 | 6160 | 60 | 5 |
| BNJSRC1 | EU | PO | FB | 80 | 6160 | 97 | 3 |
| CNMCLST | EU | PO | FB | 80 | 6160 | 532 | 11 |
| CNMINST | EU | PO | FB | 80 | 6160 | 59 | 2 |
| CNMLINK | EU | PO | U | 0 | 6144 | 3823 | 152 |
| CNMPNL1 | EU | PO | FB | 80 | 6160 | 1056 | 90 |
| CNMSAMP | EU | PO | FB | 80 | 6160 | 2313 | 21 |
| DSIPARM | EU | PO | FB | 80 | 6160 | 192 | 5 |
| DSIPRF | EU | PO | FB | 80 | 6160 | 6 | 1 |
| MACLIB | EU | PO | FB | 80 | 6160 | 927 | 13 |
| NVULIB | EU | PO | U | 0 | 6144 | 24 | 6 |
| SBNJPNL3* | NU | PO | FB | 80 | 6160 | 3318 | 250 |
| SCNMLNK1 | EU | PO | U | 0 | 6144 | 2 | 1 |
| SCNMLPA1 | EU | PO | U | 0 | 6144 | 5 | 2 |
| SCNMMJPN* | EU | PO | U | 0 | 6144 | 64 | 10 |
| SDSIMSG1 | EU | PO | FB | 80 | 6160 | 2 | 1 |
| SDUIMSG1 | EU | PO | FB | 80 | 6160 | 6 | 1 |
| SEGVPS21 | EU | PO | VB | 256 | 6148 | 4363 | 5 |
| SEKGMOD1 | NU | PO | U | 0 | 6144 | 516 | 5 |
| SEKGMOD2 | NM | PO | U | 0 | 6144 | 1599 | 14 |
| SEKGLUTB | NU | PO | FB | 80 | 6160 | 2 | 1 |
| SEKGCAS1 | NU | PO | FB | 80 | 6160 | 1 | 1 |
| SEKGLANG | NM | PO | FB | 125 | 3125 | 15 | 1 |
| SEKGLNK1 | EU | PO | U | 0 | 6144 | 2 | 1 |
| SEKGSMP1 | NU | PO | FB | 80 | 6160 | 408 | 7 |
| SCNMPNL2* | NU | PO | FB | 80 | 6160 | 1088 | 90 |

* Used only with the Japanese component.

*Figure 52. Storage Requirements for Distribution Libraries*

| Data Set Name or Library Name | TYPE | DSORG | RECFM | LRECL | BLK Size | No. of BLKS | No. of DIR BLKS |
|---|---|---|---|---|---|---|---|
| ABNJPNL1 | EU | PO | FB | 80 | 6160 | 3286 | 251 |
| ABNJPNL2 | EU | PO | FB | 80 | 6160 | 60 | 5 |
| ABNJSRC1 | EU | PO | FB | 80 | 6160 | 97 | 3 |
| ACNMCLST | EU | PO | FB | 80 | 6160 | 532 | 11 |
| ACNMINST | EU | PO | FB | 80 | 6160 | 59 | 2 |
| ACNMLINK | EU | PO | U | 0 | 6144 | 5213 | 530 |
| ACNMMJPN* | EU | PO | U | 0 | 6144 | 64 | 8 |
| ACNMPNL1 | EU | PO | FB | 80 | 6160 | 1056 | 90 |
| ACNMSAMP | EU | PO | FB | 80 | 6160 | 2313 | 21 |
| ADSIPARM | EU | PO | FB | 80 | 6160 | 192 | 5 |
| ADSIPRF | EU | PO | FB | 80 | 6160 | 6 | 1 |
| ADSIMSG1 | EU | PO | FB | 80 | 6160 | 2 | 1 |
| ADUIMSG1 | EU | PO | FB | 80 | 6160 | 6 | 1 |
| AEGVPS21 | EU | PO | VB | 256 | 6148 | 4363 | 5 |
| AMACLIB | EU | PO | FB | 80 | 6160 | 927 | 13 |
| ANVULIB | EU | PO | U | 0 | 6144 | 24 | 6 |
| ABNJPNL3* | NU | PO | FB | 80 | 6160 | 3318 | 250 |
| AEKGMOD1 | NU | PO | U | 0 | 6144 | 631 | 70 |
| AEKGLUTB | NU | PO | FB | 80 | 6160 | 2 | 1 |
| AEKGCAS1 | NU | PO | FB | 80 | 6160 | 1 | 1 |
| AEKGLANG | NM | PO | FB | 125 | 3125 | 15 | 1 |
| AEKGSMP1 | NU | PO | FB | 80 | 6160 | 408 | 7 |
| ACNMPNL2* | NU | PO | FB | 80 | 6160 | 1088 | 90 |

* Used only with the Japanese component.

## 6.3 Programmable Workstation Target System Requirements

The following describes the environment of the programmable workstation target system required for installation of the NetView Graphic Monitor Facility. After installation on the host target system, the programmable workstation components must be downloaded and installed on a programmable workstation for operation.

### 6.3.1 Programmable Workstation Target Operating System Requirements

The NetView Graphic Monitor Facility requires either OS/2 Version 2.0 or OS/2 Version 2.1.

### 6.3.2 Programmable Workstation Target Machine Requirements

The NetView Graphic Monitor Facility supported in the MVS/ESA operating system consists of code that executes as a NetView data services sub-task on System/370* and System/390* hosts and the workstation code that executes on any IBM Personal System/2* (PS/2) with a 386** or higher processor or IBM Industrial Computer that compatibly supports OS/2 Version 2.0 or OS/2 Version 2.1 defined in the Programming Requirements section that follows. OS/2 Version 2.1 is recommended. The Japanese translation feature requires a double-byte character set (DBCS)-capable terminal, such as the IBM PS/55, to display Japanese characters. The following are the minimum requirements beyond those required for OS/2 and other concurrently running programs:

- Any hardware that runs the supported levels of IBM OS/2 2.0 (or later)
- 3.0MB of additional memory (combined client/server, with a 200 resource network and one view active)
- 10MB of additional fixed disk space
- Color display
- Mouse
- IBM PS/55 Micro Channel* architecture (MCA) system unit for Japanese (or when using traditional Chinese or Korean OS/2)
- OS/2 ES 1.0 (or later) Communications Manager or Communications Manager/2 1.0 (or later) for host and workstation communications and the following:
  - Any communication adapter that OS/2 ES 1.0 or OS/2 ES J1.0 supports
  - 3270 emulator communications (optional - for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by OS/2 ES 1.0 or OS/2 ES J1.0.

NIAF/2, which replaces the host-based NetView Installation Facility (NIF), consists of workstation code that executes on any IBM Personal System/2 (PS/2) with a 386 or higher processor or IBM Industrial Computer that compatibly supports the IBM Operating System/2* 2.0 (OS/2) or Operating System/2 2.1 defined in the Programming Requirements section that follows. It is recommended that NIAF/2 run on a 486** processor with a 33MHz clock speed. The Japanese translation feature requires a double-byte character

set (DBCS)-capable terminal, such as the IBM PS/55, to display Japanese characters. The following are the minimum requirements beyond those required for OS/2 and other concurrently running programs:

- Any hardware that runs the supported levels of IBM OS/2 2.0 (or later)
- 2.0MB of additional memory.
- 15MB of additional fixed disk space plus 2MB of additional disk space for each NetView domain to be installed using NIAF/2
- Color display
- Mouse
- IBM PS/55 Micro Channel architecture (MCA) system unit for Japanese (or when using Traditional Chinese or Korean OS/2)
- OS/2 ES 1.0 (or later) Communications Manager or Communications Manager/2 1.0 (or later) for host and workstation communications and the following:
  - Any communication adapter that OS/2 ES 1.0 or OS/2 ES J1.0 supports
  - 3270 emulator communications (optional - for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by OS/2 ES 1.0 or OS/2 ES J1.0.

The selection of Personal System/2 model size, DASD, and memory depends on performance factors, such as the size of the supported network, the number of views, and the amount of network activity. NetView Storage Estimates (PC Diskette SK2T-6016 for PS/2 or PS/55) provides help in workstation storage calculations.

## 6.4 Program Considerations

The following sections list the programming considerations for installing NetView V2R4 and activating its functions.

### 6.4.1 Programming Considerations

See 7.0, “Installation Instructions” on page 58 for specific instructions.

### 6.4.2 System Considerations

There are no system considerations for NetView V2R4 central system.

### 6.4.3 Special Considerations

The following NetView functions and features require the specified program levels or subsequent upward-compatible levels unless stated otherwise:

#### 6.4.3.1 NetView Japanese feature

- Before you use the Software Installer to download NGMF from your host to the workstation you must apply the PTF's associated with APAR OW05490.

#### 6.4.3.2 NetView Installation and Administration Facility/2

- TSO/E Version 2 (5685-025)
- OS/2 2.0 (84F7-586)
  or
  OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)
- Communications Manager from OS/2 2.0 Extended Services 1.0 (96F8-326)
  or
  Communications Manager/2 (5871-AAA, 2804)
- Database Manager from OS/2 2.0 Extended Services 1.0 (96F8-326)
  or
  Database 2 OS/2 (DB2/2) (5622-044)
- OS/2 J2.0 (5605-PNC) and Extended Services J (5605-PEE)
  or
  OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)

#### 6.4.3.3 NetView Graphic Monitor Facility Installation (if not using NIAF/2)

- TSO/E Version 2 (5685-025)
- The applicable file transfer program for the communication subsystem

#### 6.4.3.4 Resource Object Data Manager (RODM)

- OS PL/I Version 2.3 Library (5668-911) for PL/I API and RODM initialization
- C/370 Library Version 2 (5688-188) for the Log Formatter
- C/370 Library Version 2 (5688-188) for C API - optional

#### 6.4.3.5 NetView Bridge -- Support for INFO access

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API
  - REXX TSO/E Version 2 (5685-025) for REXX API in MVS/ESA

### 6.4.3.6 Graphic Monitor Facility Host Subsystem

- RODM requirements plus
- C/370 Library Version 2 (5688-188)

### 6.4.3.7 ASCII Console Support in Graphic Monitor Facility Host Subsystem

- Transaction Control Protocol/Internet Protocol (TCP/IP) Version 1.2 for OS/2 (02G6-968)

### 6.4.3.8 NetView Graphic Monitor Facility (NGMF)

- GraphicsView/2 Version 1 (5706-087) - provided with NGMF machine-readable material
- IBM Command Tree/2 (5871-AAA, 3060) - provided with NGMF machine-readable material
- OS/2 as applicable
  - OS/2 2.0 (84F7-586)
    or
    OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877) - recommended
  - Communications Manager from OS/2 Extended Services 1.0 (96F8-326)
    or
    Communications Manager/2 (5871-AAA, 2804)
  - OS/2 J2.0 (5605-PNC) and Extended Services J (5605-PEE)
    or
    OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)
- For workstation customization - optional
  - IBM C/2* V1.1 compiler or Microsoft** C V6.0 compiler or compatible
  - EASEL

### 6.4.3.9 NGMF Communications Manager Configuration Utility

- NGMF requirements plus
- OS/2 as applicable, with Communications Manager/2 Version 1.0
  - OS/2 2.0 (84F7-586)
    or
    OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)
  - OS/2 J2.0 (5605-PNC)
    or
    OS/2 J2.1 (5605-PBQ)

#### 6.4.3.10 RODM Administration and NGMF Problem and Inventory Functions

- NGMF requirements plus
- NetView Bridge requirements (PL/I API) plus
- Network Configuration Application/MVS (5695-099) - optional

#### 6.4.3.11 NETCENTER Option

- DOS 3.3 (6280-060)
  or
  DOS 5.0 (84F9-775)

#### 6.4.3.12 APPNTAM for Host

- RODM and NGMF requirements plus
- Generalized Trace Facility
- System Management Facility or an equivalent external logging facility
- C/370 Library Version 2 (5688-188)

#### 6.4.3.13 APPNTAM Agent

- OS/2 2.0 (84F7-586)
- Communications Manager/2 Version 1.1 (5871-AAA, 6485 or 6486)

#### 6.4.3.14 MVS Sysplex Support - Compatibility Mode

NetView V2R4 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) without exploiting the extended multiple console support functions. One of the following is required:

- MVS/ESA SP-JES2 Version 4 (5695-047)
- MVS/ESA SP-JES3 Version 4 (5695-048)

#### 6.4.3.15 MVS Sysplex Support - Enablement

NetView V2R4 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) and exploit the functions of the extended multiple console support. One of the following is required:

- MVS/ESA SP-JES2 Version 4 Release 2.2 (5695-047) or later
- MVS/ESA SP-JES3 Version 4 Release 2.2 (5695-048) or later

#### 6.4.3.16 NetView REXX Support

- TSO/E Version 2 (5685-025) or later

### 6.4.3.17 Pre-initialized PL/I Environments for NetView HLL

- OS PL/I Version 2.3 Library (5668-911)

### 6.4.3.18 Pipeline Automation

Pipeline automation for MVS commands requires the use of extended multiple console support. See MVS Sysplex Support Enablement.

### 6.4.3.19 Support for IBM LAN Network Manager Enhanced Command Interface

- IBM LAN Network Manager Version 1.1 (74F5-538)

### 6.4.3.20 NetView Support for 3174 ISDN

- 3174 Configuration C Release 1

### 6.4.3.21 Session Monitor Support of APPN Display and Problem Determination

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)
- ACF/NCP Version 6 Release 2 (5688-231)

### 6.4.3.22 Session Monitor Support of VTAM Takeover-Giveback of an NCP

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

### 6.4.3.23 Session Monitor Support of VTAM Extended MS-Transport

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

### 6.4.3.24 Management of Frame Relay (DTE) and Ethernet

- ACF/NCP Version 6 (5688-231)

### 6.4.3.25 NetView Parallel Transmission Group Support

- ACF/NCP Version 5 Release 3 MVS & VM (5668-738)

### 6.4.3.26 NetView Network Asset Management

Provides NCP vital product data (VPD) and hardware device vital product information for those devices that support the Request Product Set ID (PSID) architecture or signal converters that support LPDA-2 commands:

- ACF/NCP Version 4 Release 2 (5668-854) for the 3720 or 3725 communication controllers

In addition to device support, the following releases of ACF/NCP provide vital product information for the communication controller:

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 3 VSE (5668-738) and
- ACF/NCP Version 5 Release 3 MVS and VM (5668-738) or later for the 3720 or 3745

#### 6.4.3.27 NetView Performance Monitor (NPM) Alerts

- NPM Version 1 Release 4 (5665-333 MVS) or later for session alerts

#### 6.4.3.28 NetView Support for Programmable Network Access (PNA)

- PNA Version 1.11 (72F0-708)

#### 6.4.3.29 Active in Session

- ACF/VTAM Version 3 Release 4.2 for MVS/ESA (5685-085)

#### 6.4.3.30 SAF Security Checking on RODM Connections

- RACF(TM) 1.9 (5740-XXH) (or later) or its SAF equivalent

#### 6.4.3.31 SAF Security Checking on Operator Passwords, and Optionally Data set Access

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

#### 6.4.3.32 SAF Security Checking RMTCMD RMTOPS Class

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

#### 6.4.3.33 HLL Restriction

- NetView V2R4 is not compatible with the AD/Cycle LE/370 compilers or run time libraries for PL/I or C.

#### 6.4.3.34 Other Considerations

For information regarding the latest CSD level applicable to your version of OS/2, refer to the PSP bucket.

NetView V2R4 command support allows a target service point to be connected to NetView V2R2. However, if the service point does not support commands over an LU6.2 session, a PTF must be installed on NetView V2R2. This PTF enables a common operator services (COS) gateway autotask to be started on NetView V2R2. Use the table below to determine what APAR is needed for each operating system environment.

| Operating System | APAR |
|---|---|
| NetView V2R2 for MVS/ESA | OY61344 |
| NetView V2R2 for MVS/XA | OY61343 |
| NetView V2R2 for VM/ESA* | VM55150 |
| NetView V2R2 for VM/SP | VM55147 |
| NetView V2R2 for VSE | DY42410 |
| NetView V2R3 for MVS/ESA | OY62139 |
| NetView V2R3 for MVS/XA | OY62142 |

In order to use extended MCS consoles, the MVS 4.2.2 system must be at PUT level 9201 or above. You must also make sure the PTFs related to the following APARS are applied:

OY53278
OY53501
OY56361 and OY56362 (PE of 53278 and 53501)
OY53280
OY53281
OY53282
OY52960
OY54135
OY55149
OY55148
OY56570
OY56801
OY57024
OY57082

In order to use the Resource Object Data Manager (RODM) function, apply the PTFs related to the following APARs.

*Figure 53. APARs Required to Use RODM*

| Product | APARs |
|---|---|
| PL/I V2R3 | PL85812<br>PN06072<br>PN00307<br>PN16148<br>PN25681<br>PN18478 |
| MVS | OY44197<br>OY47321 (for MVS 3.1.3 only)<br>OY50257<br>OY47498 |

If you wish to use the RACF defined RODMMGR class for security, you must first apply the PTF(s) relating to APAR OW00233.

The PTF(s) relating to APAR IR79685 should be applied to TSO/E before you install any NetView files to your workstation from the host.

If you are using NETCENTER, apply the PTFs for APAR OY55648.

If you are using PC TSO File Transfer, apply PTF UR30379.

If you are using TSO/E 2.1.1, you must apply the PTFs for APARs OY21043 and OY21666. These APARs address co-requisites for NetView customers who will be using REXX. They should be applied to TSO/E and can be applied to MVS/XA and MVS/ESA systems.

If you are using TSO/E 2.3, apply the PTFs for APAR OY55379. This APAR addresses a problem encountered when running REXX CLISTs.

If you are running VTAM V4R1, you must apply the PTFs associated with the following APARs: OY66754, OY66126, OY66978, OY62056, OY65044 and OY66382.

If you are running VTAM V3R4.1, you must apply the PTFs associated with APAR OY63261.

The PTF(s) relating to APAR OY15390, OY21657, and OY21659 should be applied to VTAM if you are using Network Asset Management.

The PTF(s) relating to APAR OY52086 should be applied to VTAM V3R4 or higher if you are using the NetView Graphics Monitor Facility.

The PTF(s) for APARs PL36280, PL38681, and PL41906 should be applied to the IBM C Compiler if that language will be used to write NetView command procedures or installation exits.

APARs OY34997 and OY36838 discuss the PTF(s) that must be applied to NETCENTER in order for it to work with NetView V2R4 central system.

The TSCF V1 PTF for APAR OY44072 is required for NetView V2R4 to run with TSCF V1.

If your network has both NetView V2R4 central system and NetView V1R3 and you are planning on using the Alert Color support (COLOR option hardware monitor recording and viewing filters), then the PTF(s) associated with the APARs found in Figure 54 should be applied to the NetView V1R3 systems to get color support for NetView V1R3 alerts. If you do not apply the PTFs, attempting to display or set COLOR filters on the NetView V1R3 system from the NetView V2R4 distributed system system can cause unpredictable results.

*Figure 54. NetView V1R3 APARs*

| APAR | Operating System |
|---|---|
| OY28667 | MVS/ESA |
| OY28534 | MVS/XA |
| VM40102 | VM |

If your network will have a combination of the NetView V2R4 central system and NetView V1R2, V1R3, V2R1, or V2R2 apply the appropriate PTFs listed in Figure 55 and Figure 56 to your NetView V1R2, V1R3, V2R1, or V2R2 systems in order for cross domain session monitor data to be displayed correctly by your NetView V2R4 central system system.

*Figure 55. NetView V1R2 and V1R3 APARs*

| APAR(s) | Release/Operating System |
|---|---|
| OY28581 | V1R3 MVS/ESA |
| OY25548 | V1R3 MVS/XA |
| VM39856 | V1R3 VM |
| OY26070 | V1R2 MVS/XA |
| OY27016 | V1R2 MVS/370 |
| DY38134 | V1R2 VSE |
| VM39857 | V1R2 VM |

*Figure 56. NetView V2R1 and V2R2 APARs*

| APAR(s) | Release/Operating System |
|---|---|
| OY57858 | V2R1 MVS/ESA |
| OY52593 | V2R1 MVS/ESA |
| OY56209 | V2R2 MVS/ESA |
| OY54834 | V2R2 MVS/ESA |
| OY52593 | V2R2 MVS/ESA |
| OY54651 | V2R2 MVS/ESA |
| OY57224 | V2R2 MVS/ESA |
| OY56338 | V2R2 MVS/XA |
| OY53482 | V2R2 MVS/XA |
| OY54648 | V2R2 MVS/XA |
| OY57221 | V2R2 MVS/XA |

If you are installing the English version of NetView, then you must APPLY the PTF(s) associated with APAR OW07638 before you APPLY any of the NetView Graphic Monitor Facility FMIDs (JXYZ408 and JXYZ409).

You are now aware of all of the installation requirements for the NetView V2R4 central system. Proceed to 7.0, “Installation Instructions” on page 58 to begin your product installation.

# 7.0 Installation Instructions

This chapter describes the installation method and step-by-step procedures to install the functions of NetView V2R4.

If you obtained NetView V2R4 as part of a CBPDO, you can use the RIMLIB job on the CBPDO tape to run the SMP/E RECEIVE as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the *MVS CBPDO Memo to User Extension* included with the CBPDO.

This release of the NetView V2R4 program is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands.

The procedure outlined in this chapter assumes that the user has a knowledge of SMP/E R5 or later based on the *SMP/E User's Guide*. To resolve any SMP/E related problems in the procedure, refer to the *SMP/E User's Guide* and the *SMP/E Reference*. This installation process does not cover the PARMLIB or other changes to MVS/ESA that are required to run NetView V2R4. The MVS/ESA changes required to run NetView V2R4 are discussed in the *NetView Installation and Administration Guide*.

NetView V2R4 can be installed into either new or existing SMP/E zones.

NetView V2R1 and later no longer uses the LINKLIB, NPDALIB, NLDMLIB, and LPALIB target libraries or the distribution libraries ABNJMOD1, AOS27, and NLOADLIB (this is also true of NetView V1R3 in MVS/ESA, but not in MVS/XA). NetView now uses ACNMLINK as the distribution library for all code. SCNMLPA1 is now the target library for modules that formerly resided in LPALIB, SCNMLNK1 is now the target library for the new status monitor performance improvement code and CNMLINK is now the target library used for the rest of the NetView modules. It is important to understand that migration from a NetView release earlier than V2R1 (or V1R3 MVS/ESA) may not be a simple procedure. Where NetView modules exist in either LPALIB or LINKLIB and you have chosen to run with a previous release of NetView or NCCF while you test NetView V2R4, you must be aware of the results of adding CNMLINK to LNKLST and SCNMLPA1 to LPALST.

IBM recommends that you add CNMLINK to your LNKLST concatenation for performance reasons. However, if you do this prior to finishing your testing and deleting the previous NetView or NCCF which placed code in LINKLIB, the code existing in CNMLINK will not be found and executed. This is because LINKLIB is searched prior to the data sets listed in LNKLST. Therefore, you should use a procedure that has a STEPLIB statement in it for CNMLINK, and only after finishing your testing and deleting the previous release of NetView or NCCF should CNMLINK be added to LNKLST and the STEPLIB statement for CNMLINK be removed from the NetView procedure.

Releases of NetView prior to Version 2 as well as the predecessor products NCCF and NPDA used LPALIB to contain code which can affect your migration testing strategy. IBM recommends that you add SCNMLPA1 to LPALST to ease migration. If you do this prior to finishing your testing and deleting the previous NetView or NCCF and NPDA which placed code in LPALIB, the code existing in SCNMLPA1 will not be found and executed. This is because LPALIB is searched prior to the data sets listed in LPALST.

This is not a problem, because the code in SCNMLPA1 is downward compatible. At the earliest opportunity you should delete the previous release of NetView or NCCF and NPDA which will remove the old code from LPALIB.

If you are migrating from NetView V2R2 there is no problem with LINKLIB, but the above consideration for SCNMLPA1 still is pertinent.

For information on LPALST and LNKLST, see *MVS/ESA Installation and Tuning*.

The two basic choices for installing NetView V2R4 are:

1. You can install into new target and distribution zones. This is the recommended method for NetView V2R4 for users who will continue to use a prior version of NetView after NetView V2R4 has been installed. SMP jobs will load the necessary code into the appropriate libraries, then try to delete any prior releases of NetView. Since you are installing into a new CSI target zone, there is nothing to delete. SMP will continue by saying there was nothing deleted. There is no need to give any dummy library names for your prior NetView because SMP has no way to know that a previous release was ever installed.

   When your testing is finished and you have migrated completely to NetView V2R4, you can run a delete job to remove the old NetView FMIDs from SMP. At that time you will have to provide SMP with access to the old LPALIB and LINKLIB libraries. For more information see 7.1.5.2, “APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 129. The *NetView Installation and Administration Guide* contains additional information on running more than one NetView in a single host.

2. You can install the NetView program within existing target and distribution zones. This is the recommended method for installing NetView V2R4 for those who wish to delete their prior release of NetView without keeping the prior and the new NetView available for use at the same time (as in choice 1). If you install NetView V2R4 into the same zone, you must provide access to your prior libraries via DDDEFs or DD statements. SMP will remove all traces of your previous release of NetView, including the FMIDs. In addition, you have to provide access to your SYS1.LPALIB so SMP may remove the old LPALIB modules. If by chance there are some traces of prior releases that still exist in SMP even though the libraries have been deleted, SMP will know and you will have to allocate dummy libraries for SMP and then apply again. When the apply and accept are complete, you may delete the dummy libraries. Be careful not to delete your real SYS1.LPALIB and SYS1.LINKLIB libraries. For more information see 7.1.5.2, “APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 129.

If you are installing NetView V2R4 into existing SMP/E zones and/or existing target and distribution libraries, you should first make a backup of the zones, the target and distribution libraries and other SMP/E data sets that will be changed during the installation. This backup will allow you to start over in case a severe error occurs during installation.

There is no SYSGEN support for NetView V2R4. If a SYSGEN is performed after the installation of NetView V2R4 is complete, the GENERATE facility of SMP/E can be used to re-install NetView V2R4.

The samples provided with NetView V2R4 must be customized to work in your system's environment. Where possible, the samples call attention to places where customization is necessary; however, it is possible that additional customization may be required. For example, job card information may need to be customized.

The SMP/E R5 or later dialogs can be used to install NetView V2R4.

## 7.1 Installing NetView V2R4

The following is an overview of the step-by-step process used to install NetView V2R4, as documented in this program directory. The installation instructions follow the overview.

1. Unload the installation samples from the distribution tape.
2. Allocate NetView V2R4 target and distribution libraries.
3. Establish the correct SMP/E environment for NetView V2R4.
4. RECEIVE each ordered NetView V2R4 FMID.
5. APPLY each ordered NetView V2R4 FMID.
6. ACCEPT each ordered NetView V2R4 FMID.
7. Install the PTFs for CUM Maintenance.

### 7.1.1 Unload the Installation Samples from the Distribution Tape for NetView V2R4

CNMJUNLD (shown in Figure 57 on page 61) can be used to unload the NetView V2R4 installation samples from the distribution tape.

```
//CNMJUNLD JOB (ACCOUNTING,INFORMATION),'PROGRAMMER NAME',
//             MSGLEVEL=(1,1),MSGCLASS=A,CLASS=A
//*************************************************************/
//* JCL TO UNLOAD INSTALLATION JCL FROM THE NETVIEW TAPE       */
//*************************************************************/
//UNLOAD  EXEC PGM=IEBCOPY
//SYSPRINT  DD SYSOUT=*
//INTAPE    DD DSN=HXYZ400.F2,DISP=OLD,
//             UNIT=tape,
//             VOL=SER=XYZ400,LABEL=(3,SL)
//OUTDISK   DD DSN=NETVIEW.V2R4M0.INSTALL,
//             UNIT=sysda,
//             DISP=(NEW,CATLG,DELETE),
//             VOL=SER=xxxxx,
//             DCB=(DSORG=PO,RECFM=FB,LRECL=80,BLKSIZE=6160),
//             SPACE=(6160,(100,10,25))
//SYSIN     DD *
  COPY INDD=INTAPE,OUTDD=OUTDISK
/*
//
```

*Figure 57. CNMJUNLD*

Make the following changes to the sample shown in Figure 57:

- Specify a valid UNIT for the INTAPE DD. The value shown here (“tape”) will cause a JCL error.
- Specify a valid UNIT and VOLSER for the output data set called NETVIEW.V2R4M0.INSTALL in the example. The values shown here (“sysda” and “xxxxx”) will cause JCL errors.
- You may want to change the high-level qualifier of the output data set for the NetView installation samples. (In Figure 57, it's “NETVIEW.”)

This job should complete with a condition code of 0.

If you ordered the NetView V2R4 Graphic Monitor Facility Client/Server feature, you can use CNMJUNL1 (shown in Figure 58 on page 62) to unload the NetView V2R4 installation samples for the NetView V2R4 Graphic Monitor Facility Client/Server and Graphic Monitor Facility Client features from the distribution tape. They will be on the Graphic Monitor Facility Client/Server tape.

```
//CNMJUNL1 JOB (ACCOUNTING,INFORMATION),'PROGRAMMER NAME',
//             MSGLEVEL=(1,1),MSGCLASS=A,CLASS=A
//*************************************************************/
//* JCL TO UNLOAD INSTALLATION JCL FROM THE NETVIEW TAPE       */
//*************************************************************/
//UNLOAD  EXEC PGM=IEBCOPY
//SYSPRINT  DD SYSOUT=*
//INTAPE    DD DSN=JXYZ408.F1,DISP=OLD,
//             UNIT=tape,
//             VOL=SER=XYZ408,LABEL=(2,SL)
//OUTDISK   DD DSN=NETVIEW.V2R4M0.INSTALL,
//             UNIT=sysda,
//             DISP=(OLD),
//             VOL=SER=xxxxx
//SYSIN     DD *
  COPY INDD=INTAPE,OUTDD=OUTDISK
/*
//
```

*Figure 58. CNMJUNL1*

Make the following changes to the sample shown in Figure 58:

- Specify a valid UNIT for the INTAPE DD. The value shown here (“tape”) will cause a JCL error.
- Specify a valid UNIT and VOLSER for the output data set called NETVIEW.V2R4M0.INSTALL in the example. The values shown here (“sysda” and “xxxxx”) will cause JCL errors.
- You may want to change the high-level qualifier of the output data set for the NetView installation samples. (In Figure 57 on page 61, it's “NETVIEW.”)
- If you are installing the Japanese version of NetView V2R4 Graphic Monitor Facility Client/Server then change the XYZ408 for INTAPE to XYZ418 for both the DSN= and VOL=SER= parameters.

This job should complete with a condition code of 0.

## 7.1.2 Allocate NetView V2R4 Target and Distribution Libraries

Ensure that the NetView V2R4 target and distribution libraries have sufficient space based on Figure 38 on page 31 and Figure 39 on page 31. To allow for maintenance, the space allocations in CNMJALLO are larger than the actual minimum space required.

If you are installing the NetView program for the first time, CNMJALLO, found in NETVIEW.V2R4M0.INSTALL, can be used to create the target and distribution libraries which are used exclusively by NetView V2R4.

For systems that have a NetView installed, CNMJALLO can be used as a basis for re-allocating any target or distribution libraries that need to be re-allocated.

Note that CNMJALLO does not attempt to create target or distribution libraries which are used by other products (MACLIB and AMACLIB).

The NLDM database keylength was changed from 54 to 27 as an SPE to NetView V1R3. It was incorporated in NetView V2R1 and all later releases. If you are migrating from an earlier release, or are migrating from V2R1 or V2R2 but have not changed your keylength from 54 to 27, reallocate your VSAM database to have a keylength of 27.

The target library SCNMLPA1 must be cataloged in the master catalog so that it can later be concatenated to SYS1.LPALIB via the LPALSTxx member of SYS1.PARMLIB. The target libraries CNMLINK, SEKGMOD1 and SEKGMOD2 must also be cataloged in the master catalog if they are to be added to the linklist via the LNKLSTxx member of SYS1.PARMLIB. The LPALIB and linklist concatenations are discussed further in *NetView Installation and Administration Guide*.

### 7.1.2.1 Storage Requirements for NetView V2R4 and Its Features

Run CNMJALLO, if you are allocating new NetView V2R4 libraries, before proceeding to 7.1.3, “Establish the Correct SMP/E Environment for NetView V2R4” on page 73. CNMJALLO should end with a condition code of 0.

**Note:** If you are installing a U.S. English Distributed System you should uncomment the allocation statements for the BNJPNL1 and ABNJPNL1 data sets. Although nothing is loaded to these data sets from the installation tapes, APAR OW05413 will move the Generic Code Point Tables from the Central System to the Distributed System. If you allocate those data sets now it will make the application of this APAR much simpler.

**Note:** The CNMJALLO job below will match the one you received on your NetView product tape. However, if you are installing the Japanese version of NetView, you must make the following changes to the job before running.

1. Change the size of the SDSIMSG1 and ADSIMSG1 data sets. The SPACE parameter should read:

   ```
   SPACE=(6160,(90,,4)),
   ```

2. Change the size of the SCNMPNL2 and ACNMPNL2 data sets. The SPACE parameter should read:

   ```
   SPACE=(6160,(2000,,150)),
   ```

3. Change the size of the SEGVPS21 and AEGVPS21 data sets. The SPACE parameter should read:

   ```
   SPACE=(6148,(6500,,15)),
   ```

4. Change the DD statement for AEGVPS22. In should read:

   ```
   AEGVPS22  DD DSN=&HLQ..&SLQ.AEGVPS22
   ```

5. Even if you are installing a Distributed System you must uncomment the allocation statements for the SBNJPNL3, ABNJPNL3, SCNMMJPN and ACNMMJPN data sets. There will be files loaded to these data sets.

```
//CNMJALLO JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE: CNMJALLO                                 **
//**                                                         **
//**     FUNCTION:                                           **
//**        ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION     **
//**        DATA SETS WHICH WILL LATER BE POPULATED BY SMP/E **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**           1. HIGH LEVEL FOR TGT AND DIST DSETS          **
//**           2. 2ND LEVEL FOR TGT AND DIST DSETS           **
//**           3. UNIT TYPE FOR TARGET VOLUME                **
//**           4. VOLUME SERIAL OF TARGET VOLUME             **
//**           5. UNIT TYPE FOR DIST VOLUME                  **
//**           6. VOLUME SERIAL OF DISTRIBUTION VOL          **
//**           7. IF YOU ARE INSTALLING JAPANESE NETVIEW     **
//**              (FMID JXYZ411) UNCOMMENT THE DD STATEMENTS **
//**              WHICH ALLOCATE THE TARGET AND DIST. DATA   **
//**              SETS WHICH HOLD THE JAPANESE HELP PANELS.  **
//**           8. IF YOU ARE INSTALLING NETVIEW CENTRAL SYSTEM **
//**              (FMIDS JXYZ406 AND EITHER JXYZ402 OR JXYZ412)**
```

*Figure 59 (Part 1 of 10). CNMJALLO*

```
//**              YOU MUST UNCOMMENT THE DD STATEMENTS WHICH   **
//**              ALLOCATE THE TARGET AND DIST. DATA SETS WHICH**
//**              HOLD THE CENTRAL SYSTEM GENERIC CODE.        **
//**           9. IF YOU ARE INSTALLING NETVIEW CENTRAL SYSTEM **
//**              (FMID JXYZ402) WHICH IS U.S. ENGLISH YOU MUST**
//**              UNCOMMENT THE DD STATEMENTS WHICH ALLOCATE   **
//**              THE TARGET AND DIST. DATA SETS WHICH HOLD    **
//**              THE CENTRAL SYSTEM U.S. ENGLISH PANELS.      **
//**          10. IF YOU ARE INSTALLING NETVIEW CENTRAL SYSTEM **
//**              (FMID JXYZ412) WHICH IS JAPANESE YOU MUST    **
//**              UNCOMMENT THE DD STATEMENTS WHICH ALLOCATE   **
//**              THE TARGET AND DIST. DATA SETS WHICH HOLD    **
//**              THE CENTRAL SYSTEM JAPANESE PANELS.          **
//**          11. IF YOU ARE INSTALLING THE CENTRAL SYSTEM     **
//**              FMID (JXYZ402 or JXYZ412) UNCOMMENT THE DD   **
//**              STATEMENTS WHICH ALLOCATE THE TARGET AND     **
//**              DIST. DATA SETS WHICH HOLD THE FEATURE       **
//**              MESSAGES                                     **
//**                                                           **
//**     EXPECTED COND CODE: 0000                              **
//**                                                           **
//**     ACTIVITY:                                             **
//*************************************************************
//*************************************************************
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1  EXEC PGM=IEFBR14
//*************************************************************
//**  TARGET LIBRARIES FOR NETVIEW                           **
//*************************************************************
//CNMCLST    DD DSN=&HLQ..&SLQ.CNMCLST,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(600,,20),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//CNMLINK    DD DSN=&HLQ..&SLQ.CNMLINK,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(6000,,190),,,ROUND),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
```

*Figure 59 (Part 2 of 10). CNMJALLO*

```
//SCNMLNK1   DD DSN=&HLQ..&SLQ.SCNMLNK1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(10,,2)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SCNMLPA1   DD DSN=&HLQ..&SLQ.SCNMLPA1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(8,,3)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//CNMINST    DD DSN=&HLQ..&SLQ.CNMINST,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(60,,6)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//CNMPNL1    DD DSN=&HLQ..&SLQ.CNMPNL1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(1600,,150),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//CNMSAMP    DD DSN=&HLQ..&SLQ.CNMSAMP,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(3500,,30),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//DSIPARM    DD DSN=&HLQ..&SLQ.DSIPARM,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(250,,15),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//DSIPRF     DD DSN=&HLQ..&SLQ.DSIPRF,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(15,,4),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
```

*Figure 59 (Part 3 of 10). CNMJALLO*

```
//NVULIB     DD DSN=&HLQ..&SLQ.NVULIB,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(40,,10)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SDSIMSG1   DD DSN=&HLQ..&SLQ.SDSIMSG1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(10,,2)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//BNJPNL2    DD DSN=&HLQ..&SLQ.BNJPNL2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(120,,8)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//SEKGLNK1   DD DSN=&HLQ..&SLQ.SEKGLNK1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(4,,1)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGMOD1   DD DSN=&HLQ..&SLQ.SEKGMOD1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(1200,,10)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGMOD2   DD DSN=&HLQ..&SLQ.SEKGMOD2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(2500,,25)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGSMP1   DD DSN=&HLQ..&SLQ.SEKGSMP1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
```

*Figure 59 (Part 4 of 10). CNMJALLO*

```
//           SPACE=(6160,(500,,10)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//SEKGLANG   DD DSN=&HLQ..&SLQ.SEKGLANG,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(3125,(25,,4)),
//           DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//           DISP=(NEW,CATLG)
//SEKGLUTB   DD DSN=&HLQ..&SLQ.SEKGLUTB,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(6,,3)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//SEKGCAS1   DD DSN=&HLQ..&SLQ.SEKGCAS1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6160,(4,,4)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//SEGVPS21   DD DSN=&HLQ..&SLQ.SEGVPS21,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6148,(5000,,15)),
//           DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//           DISP=(NEW,CATLG)
//*
//*SCNMPNL2  DD DSN=&HLQ..&SLQ.SCNMPNL2,   <==7 JAPANESE ONLY
//*          UNIT=&TUNIT,                                  |
//*          VOL=SER=&TVOLID,                              |
//*          SPACE=(6160,(1200,,100),,,ROUND),             |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),         |
//*          DISP=(NEW,CATLG)             <----------------/
//*
//*SEGVPS22  DD DSN=&HLQ..&SLQ.SEGVPS22,   <==7 JAPANESE ONLY
//*          UNIT=&TUNIT,                                  |
//*          VOL=SER=&TVOLID,                              |
//*          SPACE=(6148,(400,,5)),                        |
//*          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),        |
//*          DISP=(NEW,CATLG)             <----------------/
```

*Figure 59 (Part 5 of 10). CNMJALLO*

```
//*
//*BNJSRC1   DD DSN=&HLQ..&SLQ.BNJSRC1,    <==9 CENTRAL SYSTEM
//*          UNIT=&TUNIT,                       ENGLISH ONLY
//*          VOL=SER=&TVOLID,                                |
//*          SPACE=(6160,(130,,6)),                          |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),           |
//*          DISP=(NEW,CATLG)              <-----------------/
//*
//*BNJPNL1   DD DSN=&HLQ..&SLQ.BNJPNL1,    <==9 CENTRAL SYSTEM
//*          UNIT=&TUNIT,                       ENGLISH ONLY
//*          VOL=SER=&TVOLID,                                |
//*          SPACE=(6160,(4200,,300),,,ROUND),               |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),           |
//*          DISP=(NEW,CATLG)              <-----------------/
//*
//*SBNJPNL3  DD DSN=&HLQ..&SLQ.SBNJPNL3,   <==10 CENTRAL SYSTEM
//*          UNIT=&TUNIT,                        JAPANESE ONLY
//*          VOL=SER=&TVOLID,                                 |
//*          SPACE=(6160,(4500,,300),,,ROUND),                |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),            |
//*          DISP=(NEW,CATLG)              <------------------/
//*
//*SCNMMJPN  DD DSN=&HLQ..&SLQ.SCNMMJPN,   <==10 CENTRAL SYSTEM
//*          UNIT=&TUNIT,                        JAPANESE ONLY
//*          VOL=SER=&TVOLID,                                 |
//*          SPACE=(6144,(120,,15)),                          |
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),              |
//*          DISP=(NEW,CATLG)              <------------------/
//*
//*SDUIMSG1   DD DSN=&HLQ..&SLQ.SDUIMSG1,  <==11 CENTRAL SYSTEM
//*          UNIT=&TUNIT,                        ONLY         |
//*          VOL=SER=&TVOLID,                                 |
//*          SPACE=(6148,(25,,4)),                            |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),            |
//*          DISP=(NEW,CATLG)              <------------------/
//*
```

*Figure 59 (Part 6 of 10). CNMJALLO*

```
//*******************************************************
//* DISTRIBUTION LIBRARIES
//*******************************************************
//ACNMCLST   DD DSN=&HLQ..&SLQ.ACNMCLST,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(650,,20)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//ACNMLINK   DD DSN=&HLQ..&SLQ.ACNMLINK,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6144,(6400,,600)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//ACNMINST   DD DSN=&HLQ..&SLQ.ACNMINST,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(60,,6)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//ACNMPNL1   DD DSN=&HLQ..&SLQ.ACNMPNL1,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(1500,,120)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//ACNMSAMP   DD DSN=&HLQ..&SLQ.ACNMSAMP,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(3500,,30)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//ADSIPARM   DD DSN=&HLQ..&SLQ.ADSIPARM,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(250,,15),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
```

*Figure 59 (Part 7 of 10). CNMJALLO*

```
//ADSIPRF    DD DSN=&HLQ..&SLQ.ADSIPRF,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(6160,(15,,4),,,ROUND),
//              DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//              DISP=(NEW,CATLG)
//ANVULIB    DD DSN=&HLQ..&SLQ.ANVULIB,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(6144,(40,,10)),
//              DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//              DISP=(NEW,CATLG)
//ADSIMSG1   DD DSN=&HLQ..&SLQ.ADSIMSG1,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(6160,(10,,2)),
//              DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//              DISP=(NEW,CATLG)
//ABNJPNL2   DD DSN=&HLQ..&SLQ.ABNJPNL2,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(6160,(120,,8)),
//              DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//              DISP=(NEW,CATLG)
//AEKGMOD1   DD DSN=&HLQ..&SLQ.AEKGMOD1,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(6144,(900,,90)),
//              DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//              DISP=(NEW,CATLG)
//AEKGSMP1   DD DSN=&HLQ..&SLQ.AEKGSMP1,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(6160,(500,,12)),
//              DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//              DISP=(NEW,CATLG)
//AEKGLANG   DD DSN=&HLQ..&SLQ.AEKGLANG,
//              UNIT=&DUNIT,
//              VOL=SER=&DVOLID,
//              SPACE=(3125,(25,,4)),
//              DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
```

*Figure 59 (Part 8 of 10). CNMJALLO*

```
//           DISP=(NEW,CATLG)
//AEKGLUTB   DD DSN=&HLQ..&SLQ.AEKGLUTB,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(6,,3)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//AEKGCAS1   DD DSN=&HLQ..&SLQ.AEKGCAS1,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6160,(4,,4)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),
//           DISP=(NEW,CATLG)
//AEGVPS21   DD DSN=&HLQ..&SLQ.AEGVPS21,
//           UNIT=&DUNIT,
//           VOL=SER=&DVOLID,
//           SPACE=(6148,(5000,,12)),
//           DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//           DISP=(NEW,CATLG)
//*
//*ACNMPNL2  DD DSN=&HLQ..&SLQ.ACNMPNL2,   <==7 JAPANESE ONLY
//*          UNIT=&DUNIT,                                  |
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6160,(1200,,100),,,ROUND),             |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),         |
//*          DISP=(NEW,CATLG)             <----------------/
//*
//*AEGVPS22  DD DSN=&HLQ..&SLQ.SEGVPS22,   <==7 JAPANESE ONLY
//*          UNIT=&DUNIT,                                  |
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6148,(400,,5)),                        |
//*          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),        |
//*          DISP=(NEW,CATLG)             <----------------/
//*
//*ABNJSRC1  DD DSN=&HLQ..&SLQ.ABNJSRC1,   <==9 CENTRAL SYSYEM
//*          UNIT=&DUNIT,                       ENGLISH ONLY
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6160,(130,,6)),                        |
```

*Figure 59 (Part 9 of 10). CNMJALLO*

```
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),         |
//*          DISP=(NEW,CATLG)              <---------------/
//*
//*ABNJPNL1  DD DSN=&HLQ..&SLQ.ABNJPNL1,   <==9 CENTRAL SYSYEM
//*          UNIT=&DUNIT,                       ENGLISH ONLY
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6160,(4200,,325)),                     |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),         |
//*          DISP=(NEW,CATLG)              <---------------/
//*
//*ABNJPNL3  DD DSN=&HLQ..&SLQ.ABNJPNL3,   <==10 CENTRAL SYSTEM
//*          UNIT=&DUNIT,                        JAPANESE ONLY
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6160,(4500,,300)),                     |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),         |
//*          DISP=(NEW,CATLG)              <-----------------/
//*
//*ACNMMJPN  DD DSN=&HLQ..&SLQ.ACNMMJPN,   <==10 CENTRAL SYSTEM
//*          UNIT=&DUNIT,                        JAPANESE ONLY
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6144,(120,,15)),                       |
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),           |
//*          DISP=(NEW,CATLG)              <-----------------/
//*
//*ADUIMSG1  DD DSN=&HLQ..&SLQ.ADUIMSG1,   <==11 CENTRAL SYSTEM
//*          UNIT=&DUNIT,                        ONLY      |
//*          VOL=SER=&DVOLID,                              |
//*          SPACE=(6148,(25,,4)),                         |
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160),         |
//*          DISP=(NEW,CATLG)              <-----------------/
//*
//         PEND
//ALLOCATE EXEC CNMALLOC,
//            HLQ=netview,           <==1 DATA SET HIGH LEVEL
//            SLQ='v2r4m0.',         <==2 DATA SET SECOND LEVEL
//            TUNIT=disk,            <==3 TGT LIB UNIT TYPE
//            TVOLID=tttttt,         <==4 TGT LIB VOLSER
//            DUNIT=disk,            <==5 DIST LIB UNIT TYPE
//            DVOLID=dddddd          <==6 DIST LIB VOLSER
```

*Figure 59 (Part 10 of 10). CNMJALLO*

## 7.1.3 Establish the Correct SMP/E Environment for NetView V2R4

**NLS note**

To install both the NetView US English option and NetView Japanese option on the same CPU, they must be installed into separate global zones and separate target zones with maintenance applied to each independently. If you try to install both the US English option and Japanese option into the same global or target zones, the extended language features will not install correctly.

### 7.1.3.1 Allocating New SMP/E Data Sets for NetView V2R4

If you chose to allocate a NetView SMP/E CSI then you may also wish to allocate separate SMP/E data sets for use with the new global zone. Sample CNMJSMPA is provided in NETVIEW.V2R4M0.INSTALL for that purpose. It is important that the data set names match between sample job CNMJSMPA, the sample SMP/E PROC, CNMJSMPE, and sample job CNMJZDEF. Both CNMJSMPA and CNMJSMPE are written to allow for a customer supplied second level to the data set names but neither requires it. If you choose to add a second level qualifier you should code it in the SMPSLQ parameter using quotes and containing the trailing period (e.g. SMPSLQ='USER.').

```
//CNMJSMPA JOB 'ACCOUNTING INFORMATION','SMP/E DATA SETS',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE: CNMJSMPA                                 **
//**                                                         **
//**     FUNCTION:                                           **
//**        ALLOCATE THE SMP/E TEMPORARY LIBRARIES NEEDED    **
//**        IF SETTING UP A NEW GLOBAL ZONE FOR NETVIEW      **
//**        INSTALLATION AND MAINTENANCE.                    **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. HIGH LEVEL FOR SMP/E DATA SETS    **
//**                    2. OPTIONAL 2ND LEVEL FOR SMP/E DATA **
//**                       SETS.  THE SMP/E PROC PROVIDED DOES **
//**                       NOT USE A SECOND LEVEL QUALIFIER, **
//**                       BUT JUST AS THIS ALLOCATION JOB, IT **
//**                       IS CODED SO THAT YOU MAY USE ONE. **
//**                       IF A SECOND LEVEL QUALIFIER IS USED **
//**                       IT MUST INCLUDE THE TRAILING ".". **
//**                       FOR EXAMPLE: SMPSLQ='NETVIEW.',   **
//**                    3. UNIT TYPE FOR SMP/E DATA SETS     **
//**                    4. VOLUME SERIAL FOR SMP/E DATA SETS **
//**                                                         **
```

*Figure 60 (Part 1 of 3). Sample job to allocate temporary SMP/E data sets for NetView.*

```
//**     EXPECTED COND CODE: 0000                                **
//**                                                             **
//**     ACTIVITY:                                               **
//*****************************************************************
//*****************************************************************
//SMPALLOC PROC SMPHLQ=,SMPSLQ=,SMPUNIT=,SMPVOL=
//ALLOC    EXEC PGM=IEFBR14
//SYSPRINT DD SYSOUT=A
//*****************************************************************
//* SMP/E TEMP LIBRARIES FOR USE WITH NETVIEW INSTALL          **
//*****************************************************************
//SMPMTS   DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,
//            SPACE=(6160,(40,10,25)),
//            DISP=(NEW,CATLG,DELETE),
//            UNIT=&SMPUNIT,
//            VOL=SER=&SMPVOL,
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPPTS   DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,
//            SPACE=(6160,(400,10,25)),
//            DISP=(NEW,CATLG,DELETE),
//            UNIT=&SMPUNIT,
//            VOL=SER=&SMPVOL,
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPSCDS  DD DSN=&SMPHLQ..&SMPSLQ.SMPSCDS,
//            SPACE=(6160,(40,10,25)),
//            DISP=(NEW,CATLG,DELETE),
//            UNIT=&SMPUNIT,
//            VOL=SER=&SMPVOL,
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPSTS   DD DSN=&SMPHLQ..&SMPSLQ.SMPSTS,
//            SPACE=(6160,(40,10,25)),
//            DISP=(NEW,CATLG,DELETE),
//            UNIT=&SMPUNIT,
//            VOL=SER=&SMPVOL,
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPLOG   DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,
//            SPACE=(6160,(150,50)),
//            DISP=(NEW,CATLG,DELETE),
//            UNIT=&SMPUNIT,
//            VOL=SER=&SMPVOL,
//            DCB=(LRECL=132,RECFM=VB,BLKSIZE=6160)
//SMPLOGA  DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,
//            SPACE=(6160,(150,50)),
//            DISP=(NEW,CATLG,DELETE),
//            UNIT=&SMPUNIT,
```

*Figure 60 (Part 2 of 3). Sample job to allocate temporary SMP/E data sets for NetView.*

```
//            VOL=SER=&SMPVOL,
//            DCB=(LRECL=132,RECFM=VB,BLKSIZE=6160)
//         PEND
//ALLOCATE EXEC SMPALLOC,
//         SMPHLQ=netview,      <==1 SMP/E HIGH LEVEL QUALIFIER
//         SMPSLQ=,             <==2 OPTIONAL SECOND LEVEL QUAL.
//         SMPUNIT=disk,        <==3 UNIT NAME OF ALLOCATION DISK
//         SMPVOL=dddddd        <==4 VOLUME NAME OF ALLOC DISK
//
```

*Figure 60 (Part 3 of 3). Sample job to allocate temporary SMP/E data sets for NetView.*

### 7.1.3.2 Creating a New SMP/E CSI for NetView V2R4

Users who wish to allocate new CSI data sets and create a separate set of global, distribution and target zones for NetView may do so using samples CNMJGCSI, CNMJCSIS and CNMJZDEF, supplied in NETVIEW.V2R4M0.INSTALL. CNMJGCSI will allocate and prime a global CSI data set. CNMJCSIS allocates and primes separate CSI data sets for the target and distribution zones. Use CNMJZDEF to define the zones once the CSIs are allocated and primed. Review the SMP/E options defined in CNMJZDEF. These options were chosen for maximum flexibility and a minimum number of later updates; you may wish to change some options. For example, the NOPURGE option, prevents the deletion of global zone SYSMOD entries, HOLDDATA entries, SMPPTS MCS entries and SMPTLIB data sets during ACCEPT processing. Specifying PURGE could save some disk space if the consequences are acceptable. The *SMP/E User's Guide* and the *SMP/E Reference* will be helpful in determining whether or not to specify NOPURGE.

Figure 61 on page 78, Figure 62 on page 80, and Figure 63 on page 83 show samples CNMJGCSI, CNMJCSIS and CNMJZDEF respectively.

```
//CNMJGCSI JOB 'ACCOUNTING INFORMATION','DEFINE GLOBAL CSI',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJGCSI                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        DELETE, DEFINE AND PRIME THE VSAM DATA SET FOR   **
//**        THE GLOBAL CSI                                   **
//**                                                         **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING FOR **
//**        THE FIRST TIME AND WANT TO CREATE A NETVIEW CSI. **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. UNIT TYPE OF DISK TO CONTAIN CSI  **
//**                    2. VOLUME SERIAL OF DISK TO CONTAIN  **
//**                       CSI                               **
//**                    3. NAMES OF THE NETVIEW CSI VSAM DATA **
//**                       SET AND DATA AND INDEX COMPONENTS **
//**                                                         **
//**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE      **
//**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE    **
```

*Figure 61 (Part 1 of 2). Sample CNMJGCSI*

```
//**                                                                **
//**     EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS         **
//**                         0008    IF NO CSI EXISTS               **
//**                         0000 FOR PRIMCSI2                      **
//**                                                                **
//**     ACTIVITY:                                                  **
//**                                                                **
//*****************************************************************
//*****************************************************************
//DELDEF1  EXEC PGM=IDCAMS
//CSIVOL   DD UNIT=disk,               <==1 DASD UNIT TYPE
//            VOL=SER=dddddd,          <==2 VOLUME NAME
//            DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN    DD *
  DELETE netview.GLOBAL.CSI           /* <==3 CSI VSAM NAME */
  DEFINE CLUSTER(NAME(netview.GLOBAL.CSI)      /* <==3    */   -
                 FREESPACE(20, 5)                              -
                 KEYS(24 0)                                    -
                 RECORDSIZE(24 143)                            -
                 SHAREOPTIONS(2)                               -
                 UNIQUE                                        -
                 VOLUME(dddddd))               /* <==2    */   -
            DATA(NAME(netview.GLOBAL.CSI.DATA) /* <==3    */   -
                 CONTROLINTERVALSIZE(4096)                     -
                 CYLINDER(40 1))                               -
           INDEX(NAME(netview.GLOBAL.CSI.INDEX) /* <==3   */   -
                 CONTROLINTERVALSIZE(1024)                     -
                 TRACK(30 1)                                   -
                 IMBED)
/*
//PRIMCSI2 EXEC PGM=IDCAMS
//SMPCSI   DD DSN=netview.GLOBAL.CSI,DISP=SHR
//ZPOOL    DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN    DD *
  REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//
```

*Figure 61 (Part 2 of 2). Sample CNMJGCSI*

```
//CNMJCSIS JOB 'ACCOUNTING INFORMATION','SMP/E R5 CSI SETUP',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJCSIS                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        DELETE, DEFINE AND PRIME THE VSAM DATA SETS FOR  **
//**        TARGET AND DISTRIBUTION ZONE CSIS                **
//**                                                         **
//**        THIS JOB SHOULD BE RUN IF YOU WISH TO HAVE       **
//**        SEPARATE CSIS FOR THE TARGET AND DISTRIBUTION    **
//**        ZONEs                                            **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. UNIT TYPE OF DISK TO CONTAIN CSI  **
//**                    2. VOLUME SERIAL OF DISK TO CONTAIN  **
//**                       CSI                               **
//**                    3. HIGH LEVEL OF THE SMP/E SMPLOG AND **
//**                       SMPPTS DATA SETS.                 **
//**                    4. NAMES OF THE NETVIEW CSI VSAM DATA **
//**                       SETS AND DATA AND INDEX COMPONENTS **
//**                                                         **
//**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE      **
//**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE    **
//**                                                         **
```

*Figure 62 (Part 1 of 3). Sample CNMJCSIS*

```
//**     EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS    **
//**                         0008     IF CSI DOESN'T EXIST     **
//**                         0000 FOR PRIMCSI2                 **
//**                         0000 FOR PRIMCSI3                 **
//**                                                           **
//**     ACTIVITY:                                             **
//**                                                           **
//***************************************************************
//***************************************************************
//DELDEF1  EXEC PGM=IDCAMS
//CSIVOL   DD UNIT=disk,               <==1 DASD UNIT TYPE
//            VOL=SER=dddddd,          <==2 VOLUME NAME
//            DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN    DD *
  DELETE netview.tgt1.CSI                     /* <==3,4  */
  DELETE netview.dlib1.CSI                    /* <==3,4  */

  DEFINE CLUSTER(NAME(netview.tgt1.CSI)       /* <==3,4  */   -
                 FREESPACE(20, 5)                             -
                 KEYS(24 0)                                   -
                 RECORDSIZE(24 143)                           -
                 SHAREOPTIONS(2)                              -
                 UNIQUE                                       -
                 VOLUME(dddddd))              /* <==2    */   -
            DATA(NAME(netview.tgt1.CSI.DATA)  /* <==3,4  */   -
                 CONTROLINTERVALSIZE(4096)                    -
                 CYLINDER(40 1))                              -
           INDEX(NAME(netview.tgt1.CSI.INDEX) /* <==3,4  */   -
                 CONTROLINTERVALSIZE(1024)                    -
                 TRACK(30 1)                                  -
                 IMBED)

  DEFINE CLUSTER(NAME(netview.dlib1.CSI)      /* <==3,4  */   -
                 FREESPACE(20, 5)                             -
                 KEYS(24 0)                                   -
                 RECORDSIZE(24 143)                           -
                 SHAREOPTIONS(2)                              -
                 UNIQUE                                       -
                 VOLUME(dddddd))              /* <==2    */   -
            DATA(NAME(netview.dlib1.CSI.DATA) /* <==3,4  */   -
```

*Figure 62 (Part 2 of 3). Sample CNMJCSIS*

```
                CONTROLINTERVALSIZE(4096)                       -
                CYLINDER(40 1))                                 -
           INDEX(NAME(netview.dlib1.CSI.INDEX) /* <==3,4  */    -
                CONTROLINTERVALSIZE(1024)                       -
                TRACK(30 1)                                     -
                IMBED)
/*
//PRIMCSI2 EXEC PGM=IDCAMS
//SMPCSI   DD DSN=netview.tgt1.CSI,DISP=SHR    /* <==3,4  */
//ZPOOL    DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN    DD *
  REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//PRIMCSI3 EXEC PGM=IDCAMS
//SMPCSI   DD DSN=netview.dlib1.CSI,DISP=SHR   /* <==3,4  */
//ZPOOL    DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN    DD *
  REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//
```

*Figure 62 (Part 3 of 3). Sample CNMJCSIS*

```
//CNMJZDEF JOB 'ACCOUNTING INFORMATION','SMP/E ZONE DEFINE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJZDEF                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        DEFINE THE GLOBAL, TARGET AND DISTRIBUTION ZONES **
//**                                                         **
//**        THIS JOB SHOULD BE RUN IF YOU ARE DEFINING A     **
//**        SEPARATE SMP/E ENVIRONMENT FOR NETVIEW           **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. NAME(S) OF THE NETVIEW GLOBAL CSI **
//**                       DATA SET                          **
//**                    2. HIGH LEVEL OF THE SMP/E SMPLOG AND **
//**                       SMPPTS DATA SETS.                 **
//**                    3. TARGET AND DLIB ZONE NAMES        **
//**                    4. NAME(S) OF THE NETVIEW TARGET CSI **
//**                       DATA SET                          **
//**                    5. NAME(S) OF THE NETVIEW DISTRIBUTION **
//**                       CSI DATA SET                      **
//**                    6. PREFIX TO BE USED FOR SMPTLIBS    **
//**                       (RELFILES)                        **
//**                    7. THE NAME OF THE OPTIONS ENTRY USED **
```

*Figure 63 (Part 1 of 3). Sample CNMJZDEF*

```
//**                       BY THE TARGET AND DISTRIBUTION      **
//**                       ZONES FOR NETVIEW                   **
//**                                                           **
//**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE        **
//**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE      **
//**                                                           **
//**     EXPECTED COND CODE: 0000 FOR CZONES1                  **
//**     ACTIVITY:                                             **
//**                                                           **
//*************************************************************
//*************************************************************
//CZONES1  EXEC PGM=GIMSMP,PARM='DATE=U',REGION=5632K
//SMPCSI    DD DSN=netview.GLOBAL.CSI,DISP=SHR        <==1
//SMPLOG    DD DSN=netview.SMPLOG,DISP=SHR            <==2
//SMPPTS    DD DSN=netview.SMPPTS,DISP=SHR            <==2
//SMPOUT    DD SYSOUT=*
//SMPLIST   DD SYSOUT=*
//SMPRPT    DD SYSOUT=*
//SMPSNAP   DD DUMMY
//SYSUDUMP  DD DUMMY
//SMPCNTL   DD *
 SET BOUNDARY(GLOBAL)
 .
 UCLIN
 .
    ADD GLOBALZONE
         SREL(Z038)
         OPTIONS(defopt)       /* <==7 OPTIONS ENTRY NAME     */
         ZONEINDEX((tgt1,netview.tgt1.CSI,TARGET), /* <==3,4  */
                   (dlib1,netview.dlib1.CSI,DLIB)) /* <==3,5  */
    .
    ADD OPTIONS(defopt)        /* <==7 OPTIONS ENTRY NAME     */
         DSSPACE(300,500,900)
         DSPREFIX(netview)     /* <==6 PREFIX FOR SMPTLIBS    */
         NOPURGE
         NOREJECT
         SAVEMTS
         SAVESTS
         NUCID(1)
         PAGELEN(60)
         PEMAX(9999)
         RETRYDDN(ALL)
    .
 ENDUCL
```

*Figure 63 (Part 2 of 3). Sample CNMJZDEF*

```
 .
 SET BOUNDARY(tgt1)                              /* <==3    */
 .
 UCLIN
 .
    ADD TARGETZONE(tgt1)                         /* <==3    */
         OPTIONS(defopt)       /* <==7 OPTIONS ENTRY NAME    */
         SREL(Z038)
         RELATED(dlib1)                          /* <==3    */
    .
 ENDUCL
 .
 SET BOUNDARY(dlib1)                             /* <==3    */
 .
 UCLIN
 .
    ADD DLIBZONE(dlib1)                          /* <==3    */
         OPTIONS(defopt)       /* <==7 OPTIONS ENTRY NAME    */
         SREL(Z038)
         RELATED(tgt1)                           /* <==3    */
    .
 ENDUCL
 .
 SET BOUNDARY(GLOBAL)
 .
 LIST
   ALLZONES
 .
/*
//
```

*Figure 63 (Part 3 of 3). Sample CNMJZDEF*

### 7.1.3.3 SMP/E R5 or later Access to NetView V2R4 Data Sets

The sample SMP/E procedure CNMJSMPE, found in NETVIEW.V2R4M0.INSTALL, created in section 7.1.1, “Unload the Installation Samples from the Distribution Tape for NetView V2R4” on page 60, may be used to install NetView V2R4 if your installation does not have a standardized SMP/E cataloged procedure.

Both of the following methods for establishing SMP/E access to data sets assume MACLIB and AMACLIB data set names of SYS1.MACLIB and SYS1.AMACLIB. If your site has different names for these data sets then you should do one of the following:

1. Update the high level qualifier for the libraries MACLIB and AMACLIB in CNMJDDDF (or CNMJDDDC) to use existing libraries.

2. Create MACLIB and AMACLIB libraries with the same high level qualifier that you used for the libraries used exclusively by NetView V2R4.

To establish the correct SMP/E access to NetView V2R4 data sets, complete the following steps:

1. If you use CNMJSMPE as your SMP/E procedure for this installation, save CNMJSMPE and copy it to one of your system procedure libraries. Figure 64 on page 87, Figure 65 on page 89, and Figure 66 on page 97 contain the samples CNMJSMPE, CNMJDDDF and CNMJDDDC.
2. Do ONE of the following to allow SMP/E to access the NetView V2R4 target and distribution libraries:
   - Add the DDDEFs for NetView V2R4 target libraries and distribution libraries (for RESTORE processing) to the target zone into which NetView V2R4 will be APPLYed. Also add the DDDEFs for NetView V2R4 distribution libraries to the distribution zone into which NetView V2R4 will be ACCEPTed. CNMJDDDF, found in NETVIEW.V2R4M0.INSTALL, can be used to add the DDDEFs for NetView V2R4 to your target and distribution zones. If this method is chosen then it is not necessary to add DD cards to your SMP/E PROC for batch processing or your TSO LOGON PROC for SMP/E access through ISPF panels.

     Run CNMJDDDF, if appropriate, before proceeding.
   - Add the DD statements for NetView V2R4 target and distribution libraries to the SMP/E procedure you will be using to APPLY and ACCEPT NetView V2R4. The DD statements in sample CNMJDDDC, which is in NETVIEW.V2R4M0.INSTALL, may be added to CNMJSMPE or your SMP/E PROC to provide access to NetView V2R4 data sets. The DD statements in CNMJDDDC should not be used if CNMJDDDF was run to add DDDEFs to SMP/E. If you choose to add the DD statements to your SMP/E PROC and you also intend to use SMP/E from TSO then you must add the DD statements to your LOGON PROC.

     If you are installing into zones where NetView was previously installed, uncomment BNJPNL1, BNJSRC1, ABNJPNL1, and ABNJSRC1. (Although the usage note indicates that this is to be done only for central system NetView, it needs to be done for all migrating NetView installations that use existing NetView zones.)
3. Ensure that the SMP/E space requirements outlined in Figure 34 on page 28 and Figure 37 on page 29 are met by the SMP/E environment that will be used to install NetView V2R4. If you choose to use samples CNMJSMPA and CNMJCSI to create your SMP/E environment these requirements are met and you may continue to 7.1.4, “RECEIVE NetView V2R4” on page 102. If you are not using CNMJSMPA and CNMJCSI to create your SMP/E environment, read the following items.
   - Storage requirements for SMPCSI data sets are found in Figure 33 on page 28.
   - CNMJUCLN, found in NETVIEW.V2R4M0.INSTALL, can be used to set the DSSPACE and PEMAX to the values shown in Figure 34 on page 28. CNMJUCLN should only be used if the values in your current OPTIONS entry are less than the values shown in Figure 34 on page 28.
   - Run CNMJUCLN, if necessary, before proceeding to 7.1.4, “RECEIVE NetView V2R4” on page 102. CNMJUCLN should end with a condition code of 0. Figure 67 on page 101 contains sample CNMJUCLN.

Figure 64 on page 87 shows sample CNMJSMPE.

```
//CNMJSMPE PROC SMPHLQ=netview,   SMP/E HIGH LEVEL
//         SMPSLQ=                SMP/E SECOND LVL (include ".")
//*****************************************************************
//*****************************************************************
//**                                                             **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993            **
//**      ALL RIGHTS RESERVED.                                   **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS                  **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY         **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.      **
//**      LICENSED MATERIALS - PROPERTY OF IBM                   **
//**      REFER TO COPYRIGHT INSTRUCTIONS                        **
//**      FORM NUMBER G120-2083.                                 **
//**                                                             **
//**                                                             **
//**     PROCEDURE:  CNMJSMPE                                    **
//**                                                             **
//**     FUNCTION: SAMPLE SMP/E CATALOGED PROCEDURE              **
//**                                                             **
//**     NOTE: TARGET AND DISTRIBUTION LIBRARIES MAY BE          **
//**           DEFINED TO SMP/E BY EITHER UPDATING THIS          **
//**           PROCEDURE TO INCLUDE THEIR DD CARDS OR BY         **
//**           USING THE SUPPLIED DDDEF JOB TO DEFINE THE        **
//**           DD DEFINITIONS DIRECTLY IN SMP/E.  DD CARDS       **
//**           IN THIS PROC WILL OVERIDE DDDEFS IN SMP/E.        **
//**                                                             **
//**     ACTIVITY:                                               **
//*****************************************************************
//*****************************************************************
//SMP EXEC PGM=GIMSMP,PARM='DATE=U',REGION=5M
//SYSUT1   DD UNIT=SYSDA,SPACE=(1700,(1200,200))
//SYSUT2   DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SYSUT3   DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SYSUT4   DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SMPWRK1  DD UNIT=SYSDA,SPACE=(6160,(100,100,5)),
//         DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK2  DD UNIT=SYSDA,SPACE=(6160,(200,100,5)),
//         DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK3  DD UNIT=SYSDA,SPACE=(3200,(400,200,5)),
//         DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK4  DD UNIT=SYSDA,SPACE=(3200,(400,200,5)),
//         DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK6  DD UNIT=SYSDA,SPACE=(3200,(400,200,5))
//SMPOUT   DD SYSOUT=A
```

*Figure 64 (Part 1 of 2). Sample SMP/E Procedure*

```
//SMPLIST  DD SYSOUT=A
//SMPRPT   DD SYSOUT=A
//SYSPRINT DD SYSOUT=A
//SMPSNAP  DD SYSOUT=A
//SYSUDUMP DD SYSOUT=A
//SMPHOLD  DD DUMMY
//SYSLIB   DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,DISP=SHR
//*************************************************************
//*      SMP DATA SETS                                        **
//*************************************************************
//SMPCSI   DD DSN=&SMPHLQ..&SMPSLQ.GLOBAL.CSI,DISP=SHR
//SMPSCDS  DD DSN=&SMPHLQ..&SMPSLQ.SMPSCDS,DISP=SHR
//SMPPTS   DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,DISP=SHR
//SMPSTS   DD DSN=&SMPHLQ..&SMPSLQ.SMPSTS,DISP=SHR
//SMPMTS   DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,DISP=SHR
//SMPLOG   DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,DISP=MOD
//SMPLOGA  DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,DISP=MOD
```

*Figure 64 (Part 2 of 2). Sample SMP/E Procedure*

**Note:** If you are installing a U.S. English Distributed System, then you should run step DDDEF4. Unless you are a migrating user you will not need BNJSRC1 and ABNJSRC1, and you may remove the lines referring to those two data sets. Although nothing will be loaded from the installation tape to BNJPNL1 or ABNJPNL1, APAR OW05413 will move the Generic Code Point Tables from the Central System to the Distributed System. Making this change now to CNMJDDDF will make application of this APAR simpler.

**Note:** If you are installing the Japanese feature of NetView then you must make the following changes to CNMJDDDF before you run it:

1. You must run step DDDEF5, even if you are installing a Distributed System. However, before you run step DDDEF5, you must make the following changes for both a Central Site or a Distributed sytem. You must remove the following lines from the section under SET BDY(tgt1)

   ```
   ADD DDDEF(SCNMMJPN)
       DA(netview.v2r4m0.SCNMMJPN) SHR.
   ADD DDDEF(ACNMMJPN)
       DA(netview.v2r4m0.ACNMMJPN) SHR.
   ```

2. In the step named DDDEF5 you must remove the following lines from the section under SET BDY(dlib1)

   ```
   ADD DDDEF(ACNMMJPN)
       DA(netview.v2r4m0.ACNMMJPN) SHR.
   ```

   These data sets have already been definined in step DDDEF2 and should not be definded in step DDDEF5.

Figure 65 on page 89 shows sample CNMJDDDF.

```
//CNMJDDDF JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJDDDF                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        DEFINE NETVIEW TARGET AND DLIB DATA SETS         **
//**        TO YOUR SMP/E ENVIRONMENT.                       **
//**                                                         **
//**        ADD DD DEFINITIONS TO TARGET AND DIST. ZONES     **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**           1. YOUR SMP/E PROC                            **
//**           2. YOUR SMP/E TARGET ZONE                     **
//**           3. YOUR SMP/E DLIB ZONE                       **
//**           4. IF YOU ARE NOT INSTALLING JAPANESE NETVIEW **
//**              (FMID JXYZ411) DELETE THE SECOND STEP OF   **
//**              THIS JOB (DDDEF2).                         **
//**           5. IF YOU ARE NOT INSTALLING NETVIEW CENTRAL  **
//**              SYSTEM (FMIDS JXYZ406 AND EITHER JXYZ402 OR **
//**              JXYZ412) DELETE THE THIRD STEP OF THIS JOB **
```

*Figure 65 (Part 1 of 8). CNMJDDDF*

```
//**              (DDDEF3).                                        **
//**           6. IF YOU ARE NOT INSTALLING NETVIEW CENTRAL        **
//**              SYSTEM (FMID JXYZ402) WHICH IS U.S. ENGLISH      **
//**              DELETE THE FORTH STEP OF THIS JOB (DDDEF4).      **
//**           7. IF YOU ARE NOT INSTALLING NETVIEW CENTRAL        **
//**              SYSTEM (FMID JXYZ412) WHICH IS JAPANESE          **
//**              DELETE THE FIFTH STEP OF THIS JOB (DDDEF5).      **
//**                                                               **
//**     EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY        **
//**                               EXIST)                          **
//**                                                               **
//**      >>>> WARNING:                                            **
//**      >>>> IF YOU USE DDDEFS TO DEFINE THE TARGET AND          **
//**      >>>> DISTRIBUTION DATA SETS TO SMP/E YOU SHOULD NOT      **
//**      >>>> COPY THE DD STATEMENTS FROM CNMJDDDC INTO YOUR      **
//**      >>>> SMP/E PROC.                                         **
//**                                                               **
//**     ACTIVITY:                                                 **
//*****************************************************************
//*****************************************************************
//*
//DDDEF1   EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//SMPCNTL  DD   *
  SET BDY(tgt1)               /* <==2 YOUR SMP/E TARGET ZONE */
  .
  UCLIN.
   ADD DDDEF(CNMCLST )
       DA(netview.v2r4m0.CNMCLST ) SHR.
   ADD DDDEF(CNMLINK )
       DA(netview.v2r4m0.CNMLINK ) SHR.
   ADD DDDEF(SCNMLNK1)
       DA(netview.v2r4m0.SCNMLNK1) SHR.
   ADD DDDEF(SCNMLPA1)
       DA(netview.v2r4m0.SCNMLPA1) SHR.
   ADD DDDEF(CNMINST )
       DA(netview.v2r4m0.CNMINST ) SHR.
   ADD DDDEF(CNMPNL1 )
       DA(netview.v2r4m0.CNMPNL1 ) SHR.
   ADD DDDEF(CNMSAMP )
```

*Figure 65 (Part 2 of 8). CNMJDDDF*

```
      DA(netview.v2r4m0.CNMSAMP ) SHR.
   ADD DDDEF(DSIPARM )
      DA(netview.v2r4m0.DSIPARM ) SHR.
   ADD DDDEF(DSIPRF  )
      DA(netview.v2r4m0.DSIPRF  ) SHR.
   ADD DDDEF(NVULIB  )
      DA(netview.v2r4m0.NVULIB ) SHR.
   ADD DDDEF(SDSIMSG1)
      DA(netview.v2r4m0.SDSIMSG1) SHR.
   ADD DDDEF(BNJPNL2 )
      DA(netview.v2r4m0.BNJPNL2 ) SHR.
   ADD DDDEF(MACLIB  )
      DA(sys1.MACLIB ) SHR.
   ADD DDDEF(SEKGLNK1)
      DA(netview.v2r4m0.SEKGLNK1) SHR.
   ADD DDDEF(SEKGMOD1)
      DA(netview.v2r4m0.SEKGMOD1) SHR.
   ADD DDDEF(SEKGMOD2)
      DA(netview.v2r4m0.SEKGMOD2) SHR.
   ADD DDDEF(SEKGSMP1)
      DA(netview.v2r4m0.SEKGSMP1) SHR.
   ADD DDDEF(SEKGLANG)
      DA(netview.v2r4m0.SEKGLANG) SHR.
   ADD DDDEF(SEKGLUTB)
      DA(netview.v2r4m0.SEKGLUTB) SHR.
   ADD DDDEF(SEGVPS21)
      DA(netview.v2r4m0.SEGVPS21) SHR.
   ADD DDDEF(SEKGCAS1)
      DA(netview.v2r4m0.SEKGCAS1) SHR.
   ADD DDDEF(ACNMCLST)
      DA(netview.v2r4m0.ACNMCLST) SHR.
   ADD DDDEF(ACNMINST)
      DA(netview.v2r4m0.ACNMINST) SHR.
   ADD DDDEF(ACNMLINK)
      DA(netview.v2r4m0.ACNMLINK) SHR.
   ADD DDDEF(ACNMPNL1)
      DA(netview.v2r4m0.ACNMPNL1) SHR.
   ADD DDDEF(ACNMSAMP)
      DA(netview.v2r4m0.ACNMSAMP) SHR.
   ADD DDDEF(ADSIPARM)
      DA(netview.v2r4m0.ADSIPARM) SHR.
```

*Figure 65 (Part 3 of 8). CNMJDDDF*

```
 ADD DDDEF(ADSIPRF )
     DA(netview.v2r4m0.ADSIPRF ) SHR.
 ADD DDDEF(ANVULIB )
     DA(netview.v2r4m0.ANVULIB ) SHR.
 ADD DDDEF(ABNJPNL2)
     DA(netview.v2r4m0.ABNJPNL2) SHR.
 ADD DDDEF(AMACLIB )
     DA(sys1.AMACLIB ) SHR.
 ADD DDDEF(ADSIMSG1)
     DA(netview.v2r4m0.ADSIMSG1) SHR.
 ADD DDDEF(AEKGMOD1)
     DA(netview.v2r4m0.AEKGMOD1) SHR.
 ADD DDDEF(AEKGSMP1)
     DA(netview.v2r4m0.AEKGSMP1) SHR.
 ADD DDDEF(AEKGLANG)
     DA(netview.v2r4m0.AEKGLANG) SHR.
 ADD DDDEF(AEKGLUTB)
     DA(netview.v2r4m0.AEKGLUTB) SHR.
 ADD DDDEF(AEGVPS21)
     DA(netview.v2r4m0.AEGVPS21) SHR.
 ADD DDDEF(AEKGCAS1)
     DA(netview.v2r4m0.AEKGCAS1) SHR.
ENDUCL.
SET BDY(dlib1)               /* <==3 YOUR SMP/E DLIB ZONE   */
.
UCLIN.
 ADD DDDEF(ACNMCLST)
     DA(netview.v2r4m0.ACNMCLST) SHR.
 ADD DDDEF(ACNMINST)
     DA(netview.v2r4m0.ACNMINST) SHR.
 ADD DDDEF(ACNMLINK)
     DA(netview.v2r4m0.ACNMLINK) SHR.
 ADD DDDEF(ACNMPNL1)
     DA(netview.v2r4m0.ACNMPNL1) SHR.
 ADD DDDEF(ACNMSAMP)
     DA(netview.v2r4m0.ACNMSAMP) SHR.
 ADD DDDEF(ADSIPARM)
     DA(netview.v2r4m0.ADSIPARM) SHR.
```

*Figure 65 (Part 4 of 8). CNMJDDDF*

```
   ADD DDDEF(ADSIPRF )
       DA(netview.v2r4m0.ADSIPRF ) SHR.
   ADD DDDEF(ANVULIB )
       DA(netview.v2r4m0.ANVULIB ) SHR.
   ADD DDDEF(ABNJPNL2)
       DA(netview.v2r4m0.ABNJPNL2) SHR.
   ADD DDDEF(AMACLIB )
       DA(sys1.AMACLIB ) SHR.
   ADD DDDEF(ADSIMSG1)
       DA(netview.v2r4m0.ADSIMSG1) SHR.
   ADD DDDEF(AEKGMOD1)
       DA(netview.v2r4m0.AEKGMOD1) SHR.
   ADD DDDEF(AEKGSMP1)
       DA(netview.v2r4m0.AEKGSMP1) SHR.
   ADD DDDEF(AEKGLANG)
       DA(netview.v2r4m0.AEKGLANG) SHR.
   ADD DDDEF(AEKGLUTB)
       DA(netview.v2r4m0.AEKGLUTB) SHR.
   ADD DDDEF(AEGVPS21)
       DA(netview.v2r4m0.AEGVPS21) SHR.
   ADD DDDEF(AEKGCAS1)
       DA(netview.v2r4m0.AEKGCAS1) SHR.
  ENDUCL.
/*
//DDDEF2   EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                                <==4 DELETE STEP DDDEF2 IF YOU
//*                                     ARE NOT INSTALLING
//*                                     JAPANESE NETVIEW.
//SMPCNTL  DD   *
  SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
  .
  UCLIN.
   ADD DDDEF(SCNMMJPN)
       DA(netview.v2r4m0.SCNMMJPN) SHR.
   ADD DDDEF(SCNMPNL2)
       DA(netview.v2r4m0.SCNMPNL2) SHR.
   ADD DDDEF(SEGVPS22)
       DA(netview.v2r4m0.SEGVPS22) SHR.
   ADD DDDEF(ACNMMJPN)
       DA(netview.v2r4m0.ACNMMJPN) SHR.
   ADD DDDEF(ACNMPNL2)
       DA(netview.v2r4m0.ACNMPNL2) SHR.
```

*Figure 65 (Part 5 of 8). CNMJDDDF*

```
   ADD DDDEF(AEGVPS22)
       DA(netview.v2r4m0.AEGVPS22) SHR.
  ENDUCL.
  SET BDY(dlib1)               /* <==3 YOUR SMP/E DLIB ZONE   */
  .
  UCLIN.
   ADD DDDEF(ACNMPNL2)
       DA(netview.v2r4m0.ACNMPNL2) SHR.
   ADD DDDEF(ACNMMJPN)
       DA(netview.v2r4m0.ACNMMJPN) SHR.
   ADD DDDEF(AEGVPS22)
       DA(netview.v2r4m0.AEGVPS22) SHR.
  ENDUCL.
/*
//DDDEF3   EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                                <==5 DELETE STEP DDDEF3 IF YOU
//*                                     ARE NOT INSTALLING
//*                                     CENTRAL SYSTEM NETVIEW.
//SMPCNTL  DD   *
  SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
  .
  UCLIN.
   ADD DDDEF(SDUIMSG1)
       DA(netview.v2r4m0.SDUIMSG1) SHR.
   ADD DDDEF(ADUIMSG1)
       DA(netview.v2r4m0.ADUIMSG1) SHR.
  ENDUCL.
  SET BDY(dlib1)               /* <==3 YOUR SMP/E DLIB ZONE   */
  .
  UCLIN.
   ADD DDDEF(ADUIMSG1)
       DA(netview.v2r4m0.ADUIMSG1) SHR.
  ENDUCL.
/*
//DDDEF4   EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                                <==6 DELETE STEP DDDEF4 IF YOU
//*                                     ARE NOT INSTALLING CENTRAL
//*                                     SYSTEM ENGLISH NETVIEW.
//SMPCNTL  DD   *
```

*Figure 65 (Part 6 of 8). CNMJDDDF*

```
  SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
  .
  UCLIN.
   ADD DDDEF(BNJSRC1)
       DA(netview.v2r4m0.BNJSRC1) SHR.
   ADD DDDEF(ABNJSRC1)
       DA(netview.v2r4m0.ABNJSRC1) SHR.
   ADD DDDEF(BNJPNL1)
       DA(netview.v2r4m0.BNJPNL1) SHR.
   ADD DDDEF(ABNJPNL1)
       DA(netview.v2r4m0.ABNJPNL1) SHR.
  ENDUCL.
  SET BDY(dlib1)               /* <==3 YOUR SMP/E DLIB ZONE   */
  .
  UCLIN.
   ADD DDDEF(ABNJSRC1)
       DA(netview.v2r4m0.ABNJSRC1) SHR.
   ADD DDDEF(ABNJPNL1)
       DA(netview.v2r4m0.ABNJPNL1) SHR.
  ENDUCL.
/*
//DDDEF5   EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                                <==7 DELETE STEP DDDEF5 IF YOU
//*                                     ARE NOT INSTALLING CENTRAL
//*                                     SYSTEM JAPANESE NETVIEW.
//SMPCNTL  DD   *
  SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
  .
  UCLIN.
   ADD DDDEF(SCNMMJPN)
       DA(netview.v2r4m0.SCNMMJPN) SHR.
   ADD DDDEF(ACNMMJPN)
       DA(netview.v2r4m0.ACNMMJPN) SHR.
   ADD DDDEF(SBNJPNL3)
       DA(netview.v2r4m0.SBNJPNL3) SHR.
   ADD DDDEF(ABNJPNL3)
       DA(netview.v2r4m0.ABNJPNL3) SHR.
  ENDUCL.
```

*Figure 65 (Part 7 of 8). CNMJDDDF*

```
  SET BDY(dlib1)               /* <==3 YOUR SMP/E DLIB ZONE   */
  .
  UCLIN.
   ADD DDDEF(ACNMMJPN)
       DA(netview.v2r4m0.ACNMMJPN) SHR.
   ADD DDDEF(ABNJPNL3)
       DA(netview.v2r4m0.ABNJPNL3) SHR.
  ENDUCL.
/*
/*
//
```

*Figure 65 (Part 8 of 8). CNMJDDDF*

**Note:** You must add the following line to the CNMJDDDC sample

```
//SEKGLNK1 DD DSN=netview.v2r4m0.SEKGLNK1,DISP=SHR
```

**Note:** If you are installing a U.S. English Distributed System you should uncomment the DD statements for the BNJPNL1 and ABNJPNL1 data sets. Although nothing is loaded to these data sets from the installation tape, APAR OW05413 will move the Generic Code Point Tables from the Central System to the Distributed System. Making these changes now will make application of the APAR much simpler.

**Note:** If you are installing a Japanese Distributed System you must uncomment the DD statements for SBNJPNL3, ABNJPNL3, SCNMMJPN and ACNMMJPN. The Generic Code Point Tables will be loaded to these datasets from the installation tapes.

Figure 66 on page 97 shows sample CNMJDDDC.

```
//*************************************************************
//*************************************************************
//**                                                         **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     MEMBER: CNMJDDDC                                    **
//**                                                         **
//**     FUNCTION:                                           **
//**        DD STATEMENTS WHICH MAY BE COPIED TO THE SMP/E   **
//**        PROC USED TO SERVICE NETVIEW AS AN ALTERNATIVE   **
//**        TO USING SMP/E DD DEFINITIONS TO PROVIDE SMP/E   **
//**        ACCESS TO THE TARGET AND DISTRIBUTION LIBRARIES. **
//**        (SEE NOTE BELOW)                                 **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**         1. IF YOU ARE INSTALLING JAPANESE NETVIEW YOU MUST**
//**            UNCOMMENT THE DD STATEMENTS INDICATED BY THE **
//**            ARROW DENOTED BY NUMBER 1 WHICH CONTAINS THE **
//**            TARGET AND DLIB DATA SETS FOR JAPANESE.      **
//**            VERIFY THE DATASET NAMES.                    **
//**         2. IF YOU ARE INSTALLING CENTRAL SYSTEM NETVIEW **
//**            YOU MUST UNCOMMENT THE DD STATEMENTS INDICATED **
//**            BY THE ARROW DENOTED BY NUMBER 2 WHICH CONTAINS**
//**            THE TARGET AND DLIB DATA SETS FOR CENTRAL SYS. **
//**            VERIFY THE DATASET NAMES.                    **
//**         3. IF YOU ARE INSTALLING CENTRAL SYSTEM ENGLISH **
//**            YOU MUST UNCOMMENT THE DD STATEMENTS INDICATED **
//**            BY THE ARROW DENOTED BY NUMBER 3 WHICH CONTAINS**
//**            THE TARGET AND DLIB DATA SETS FOR CENTRAL SYS. **
//**            ENGLISH.  VERIFY THE DATASET NAMES.          **
```

*Figure 66 (Part 1 of 4). Data definitions for sample SMP/E Procedure*

```
//**         4. IF YOU ARE INSTALLING CENTRAL SYSTEM JAPANESE  **
//**            YOU MUST UNCOMMENT THE DD STATEMENTS INDICATED **
//**            BY THE ARROW DENOTED BY NUMBER 4 WHICH CONTAINS**
//**            THE TARGET AND DLIB DATA SETS FOR CENTRAL SYS. **
//**            JAPANESE.  VERIFY THE DATASET NAMES.           **
//**                                                           **
//**     >>>> WARNING:                                         **
//**     >>>> THE SUGGESTED WAY TO PROVIDE SMP/E ACCESS TO     **
//**     >>>> TARGET AND DISTRIBUTION LIBRARIES IS VIA         **
//**     >>>> SMP/E DD DEFINITIONS (SEE SAMPLE CNMJDDDF).      **
//**     >>>> IF THESE DD CARDS ARE PLACED IN YOUR SMP/E       **
//**     >>>> PROC THEY WOULD OVERRIDE DDDEFS FOR THESE        **
//**     >>>> DATA SETS.  BEWARE IF YOU ACCESS SMP/E THROUGH   **
//**     >>>> BOTH TSO AND BATCH.  YOU SHOULD INSURE THAT      **
//**     >>>> BOTH ACCESS THE SAME DATA SETS.  IF DDDEFS ARE   **
//**     >>>> USED MAINTENANCE IS CUT IN HALF.                 **
//**                                                           **
//**     ACTIVITY:                                             **
//**                                                           **
//***************************************************************
//***************************************************************
//***************************************************************
//* NETVIEW TARGET LIBRARIES                                    *
//***************************************************************
//CNMCLST  DD DSN=netview.v2r4m0.CNMCLST,DISP=SHR
```

*Figure 66 (Part 2 of 4). Data definitions for sample SMP/E Procedure*

```
//CNMLINK  DD DSN=netview.v2r4m0.CNMLINK,DISP=SHR
//SCNMLNK1 DD DSN=netview.v2r4m0.SCNMLNK1,DISP=SHR
//SCNMLPA1 DD DSN=netview.v2r4m0.SCNMLPA1,DISP=SHR
//CNMINST  DD DSN=netview.v2r4m0.CNMINST,DISP=SHR
//CNMPNL1  DD DSN=netview.v2r4m0.CNMPNL1,DISP=SHR
//CNMSAMP  DD DSN=netview.v2r4m0.CNMSAMP,DISP=SHR
//DSIPARM  DD DSN=netview.v2r4m0.DSIPARM,DISP=SHR
//DSIPRF   DD DSN=netview.v2r4m0.DSIPRF,DISP=SHR
//NVULIB   DD DSN=netview.v2r4m0.NVULIB,DISP=SHR
//SDSIMSG1 DD DSN=netview.v2r4m0.SDSIMSG1,DISP=SHR
//BNJPNL2  DD DSN=netview.v2r4m0.BNJPNL2,DISP=SHR
//MACLIB   DD DSN=sys1.MACLIB,DISP=SHR
//SEKGMOD1 DD DSN=netview.v2r4m0.SEKGMOD1,DISP=SHR
//SEKGMOD2 DD DSN=netview.v2r4m0.SEKGMOD2,DISP=SHR
//SEKGSMP1 DD DSN=netview.v2r4m0.SEKGSMP1,DISP=SHR
//SEKGLANG DD DSN=netview.v2r4m0.SEKGLANG,DISP=SHR
//SEKGLUTB DD DSN=netview.v2r4m0.SEKGLUTB,DISP=SHR
//SEKGCAS1 DD DSN=netview.v2r4m0.SEKGCAS1,DISP=SHR
//SEGVPS21 DD DSN=netview.v2r4m0.SEGVPS21,DISP=SHR
//*
//*SCNMPNL2 DD DSN=netview.v2r4m0.SCNMPNL2,DISP=SHR <==1 JAPANESE
//*SEGVPS22 DD DSN=netview.v2r4m0.SEGVPS22,DISP=SHR <==1 JAPANESE
//*
//*SDUIMSG1 DD DSN=netview.v2r4m0.SDUIMSG1,DISP=SHR <==2 CS
//*
//*BNJPNL1  DD DSN=netview.v2r4m0.BNJPNL1,DISP=SHR  <==3 CS ENG.
//*BNJSRC1  DD DSN=netview.v2r4m0.BNJSRC1,DISP=SHR  <==3 CS ENG.
//*
//*SCNMMJPN DD DSN=netview.v2r4m0.SCNMMJPN,DISP=SHR <==4 CS JAP.
//*SBNJPNL3 DD DSN=netview.v2r4m0.SBNJPNL3,DISP=SHR <==4 CS JAP.
//*
//*
//*************************************************************
//* NETVIEW DISTRIBUTION LIBRARIES                            *
//*************************************************************
//ACNMCLST DD DSN=netview.v2r4m0.ACNMCLST,DISP=SHR
//ACNMLINK DD DSN=netview.v2r4m0.ACNMLINK,DISP=SHR
//ACNMINST DD DSN=netview.v2r4m0.ACNMINST,DISP=SHR
//ACNMPNL1 DD DSN=netview.v2r4m0.ACNMPNL1,DISP=SHR
//ACNMSAMP DD DSN=netview.v2r4m0.ACNMSAMP,DISP=SHR
//ADSIPARM DD DSN=netview.v2r4m0.ADSIPARM,DISP=SHR
//ADSIPRF  DD DSN=netview.v2r4m0.ADSIPRF,DISP=SHR
//ANVULIB  DD DSN=netview.v2r4m0.ANVULIB,DISP=SHR
```

*Figure 66 (Part 3 of 4). Data definitions for sample SMP/E Procedure*

```
//ADSIMSG1 DD DSN=netview.v2r4m0.ADSIMSG1,DISP=SHR
//ABNJPNL2 DD DSN=netview.v2r4m0.ABNJPNL2,DISP=SHR
//AMACLIB  DD DSN=sys1.AMACLIB,DISP=SHR
//AEKGMOD1 DD DSN=netview.v2r4m0.AEKGMOD1,DISP=SHR
//AEKGSMP1 DD DSN=netview.v2r4m0.AEKGSMP1,DISP=SHR
//AEKGLANG DD DSN=netview.v2r4m0.AEKGLANG,DISP=SHR
//AEKGLUTB DD DSN=netview.v2r4m0.AEKGLUTB,DISP=SHR
//AEKGCAS1 DD DSN=netview.v2r4m0.AEKGCAS1,DISP=SHR
//AEGVPS21 DD DSN=netview.v2r4m0.AEGVPS21,DISP=SHR
//*
//*ACNMPNL2 DD DSN=netview.v2r4m0.ACNMPNL2,DISP=SHR <==1 JAPANESE
//*AEGVPS22 DD DSN=netview.v2r4m0.AEGVPS22,DISP=SHR <==1 JAPANESE
//*
//*ADUIMSG1 DD DSN=netview.v2r4m0.ADUIMSG1,DISP=SHR <==3 CS
//*
//*ABNJPNL1 DD DSN=netview.v2r4m0.ABNJPNL1,DISP=SHR <==3 CS ENG.
//*ABNJSRC1 DD DSN=netview.v2r4m0.ABNJSRC1,DISP=SHR <==3 CS ENG.
//*
//*ACNMMJPN DD DSN=netview.v2r4m0.ACNMMJPN,DISP=SHR <==4 CS JAP.
//*ABNJPNL3 DD DSN=netview.v2r4m0.ABNJPNL3,DISP=SHR <==4 CS JAP.
```

*Figure 66 (Part 4 of 4). Data definitions for sample SMP/E Procedure*

Figure 67 on page 101 contains the sample CNMJUCLN.

```
//CNMJUCLN JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//            MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
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//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE: CNMJUCLN                                 **
//**                                                         **
//**     FUNCTION:                                           **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. CHANGE TO NAME OF OPTIONS ENTRY   **
//**                       USED BY TARG/DLIB ZONES USED TO   **
//**                       INSTALL NETVIEW                   **
//**                                                         **
//**     EXPECTED COND CODE: 0000                            **
//*************************************************************
//*
//* USAGE NOTES:
//* 1) THIS JOB MUST ONLY BE RUN IF THE DSSPACE OR PEMAX VALUES
//*    IN THE CURRENT OPTIONS ENTRY ARE LESS THAN THOSE GIVEN IN
//*    THE NETVIEW PROGRAM DIRECTORY.
//* 2) CHANGE THE NAME OF SMP/E R5 PROC USED TO THE NAME OF YOUR
//*    SMP/E R5 PROC.  THE CURRENT LOWER CASE VALUE WILL CAUSE
//*    A JCL ERROR.
//* 3) CHANGE THE NAME OF THE OPTIONS ENTRY USED BY
//*    THE TARGET AND DISTRIBUTION ZONES.
//* 4) THE CONDITION CODE FOR THIS JOB SHOULD BE 0.
```

*Figure 67 (Part 1 of 2). CNMJUCLN*

```
//*
//*****************************************************************
//**                                                             **
//**                                                             **
//**     ACTIVITY:                                               **
//*****************************************************************
//*****************************************************************
//CNMJUCL  EXEC cnmjsmpe
//SMPCNTL  DD   *
  SET BDY(GLOBAL) .
  UCLIN
  .
  REP OPTIONS(defopt)            /*   <==1 OPTIONS ENTRY NAME  */
  DSSPACE(300,500,900)
  PEMAX(9999) .
  ENDUCL
  .
  LIST OPTIONS .
/*
//
```

*Figure 67 (Part 2 of 2). CNMJUCLN*

## 7.1.4 RECEIVE NetView V2R4

One RECEIVE jobs is supplied in NETVIEW.V2R4M0.INSTALL for each NetView V2R4 FMID available. You should run the receive jobs for the FMIDs you ordered.

**Note:** If you are installing from a 1600 BPI tape you will have to modify the CNMJRC00 job that is shown. The necessary changes are shown below the sample.

See Figure 68 to determine which jobs you should run.

*Figure 68. Which Receive Jobs to Run*

| FMID received | Sample job | Who should run it |
|---|---|---|
| HXYZ400 | CNMJRC00 | All installers |
| JXYZ406 | CNMJRC06 | Those installing the central system option |
| JXYZ401 | CNMJRC01 | Those installing the US English language feature, all options |
| JXYZ402 | CNMJRC02 | Those installing the US English language feature, central system option only |
| JXYZ411 | CNMJRC11 | Those installing the Japanese language feature, all options |
| JXYZ412 | CNMJRC12 | Those installing the Japanese language feature, central system option only |
| JXYZ408 | CNMJRC08 | Those installing the NetView Graphic Monitor Facility Client/Server feature for US English |
| JXYZ409 | CNMJRC09 | Those installing the NetView Graphic Monitor Facility Client feature for US English |
| JXYZ418 | CNMJRC18 | Those installing the NetView Graphic Monitor Facility Client/Server feature for Japanese |
| JXYZ419 | CNMJRC19 | Those installing the NetView Graphic Monitor Facility Client feature for Japanese |

**Note:** The base component (FMID HXYZ400) must be received before any of the other components.

**Note:** If you are installing the English version of NetView, then you must APPLY the PTF(s) associated with APAR OW07638 before you APPLY any of the NetView Graphic Monitor Facility FMIDs (JXYZ408 and JXYZ409).

After choosing which jobs you should run, make the changes as indicated in the JCL comments (as well as any other changes required by your site) and submit the jobs.

Figures 69 through 78 show the RECEIVE samples.

```
//CNMJRC00 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC00                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW BASE **
//*************************************************************
//**                                                         **
//**     PROCEDURE:  CNMJRC00                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE HXYZ400 FUNCTION (NETVIEW BASE).     **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW DISTRIBUTED US ENGLISH              **
//**             NETVIEW CENTRAL SYSTEM US ENGLISH           **
//**             NETVIEW DISTRIBUTED JAPANESE                **
//**             NETVIEW CENTRAL SYSTEM JAPANESE             **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
```

*Figure 69 (Part 1 of 2). RECEIVE for HXYZ400*

```
//**                   2. YOUR NETVIEW TARGET VOLUME         **
//**                   3. YOUR UNIT NAME FOR TAPE DRIVES     **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
//**                                                         **
//*************************************************************
//*************************************************************
//CNMJRC00 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ400,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(HXYZ400)          /* NETVIEW BASE               */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 69 (Part 2 of 2). RECEIVE for HXYZ400*

**Note:** If you are using a 1600 BPI tape you will have received 2 volumes for FMID HXZY400. The VOLSERs are XYZ400 and XYZ40A. You must modify the RECEIVE job CNMJRC00 as follows:

```
On the SMPPTFIN DD statement change

   VOL=SER=XYZ400, to VOL=SER=(XYZ400,XYZ40A),
```

```
//CNMJRC06 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
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//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC06                        **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW    **
//**                        EXTENDED BASE                    **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ406 FUNCTION (EXTENDED BASE).    **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW CENTRAL SYSTEM US ENGLISH           **
//**             NETVIEW CENTRAL SYSTEM JAPANESE             **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
```

*Figure 70 (Part 1 of 2). RECEIVE for JXYZ406*

```
//**     OUTPUT:                                                  **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.          **
//**                                                              **
//**     ACTIVITY:                                                **
//**                                                              **
//**************************************************************
//**************************************************************
//CNMJRC06 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ406,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ406)          /* EXTENDED BASE              */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 70 (Part 2 of 2). RECEIVE for JXYZ406*

```
//CNMJRC01 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
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//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJRC01                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ401 FUNCTION (BASE US ENGLISH).  **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW DISTRIBUTED US ENGLISH              **
//**             NETVIEW CENTRAL SYSTEM US ENGLISH           **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 71 (Part 1 of 2). RECEIVE for JXYZ401*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJRC01 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ401,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ401)          /* BASE U.S. ENGLISH           */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 71 (Part 2 of 2). RECEIVE for JXYZ401*

```
//CNMJRC02 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC02                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW     **
//**                        EXTENDED U.S. ENGLISH            **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ402 FUNCTION (EXT US ENGLISH).   **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW CENTRAL SYSTEM US ENGLISH           **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
```

*Figure 72 (Part 1 of 2). RECEIVE for JXYZ402*

```
//**     OUTPUT:                                                  **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.          **
//**                                                              **
//**     ACTIVITY:                                                **
//**                                                              **
//*****************************************************************
//*****************************************************************
//CNMJRC02 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ402,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ402)          /* EXTENDED U.S. ENGLISH       */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 72 (Part 2 of 2). RECEIVE for JXYZ402*

```
//CNMJRC11 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJRC11                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ411 FUNCTION (BASE JAPANESE).    **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW DISTRIBUTED JAPANESE                **
//**             NETVIEW CENTRAL SYSTEM JAPANESE             **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
```

*Figure 73 (Part 1 of 2). RECEIVE for JXYZ411*

```
//**     ACTIVITY:                                               **
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJRC11 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ411,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ411)          /* BASE JAPANESE              */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 73 (Part 2 of 2). RECEIVE for JXYZ411*

```
//CNMJRC12 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC12                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW     **
//**                        EXTENDED JAPANESE                **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ412 FUNCTION (EXT JAPANESE).     **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW CENTRAL SYSTEM JAPANESE             **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 74 (Part 1 of 2). RECEIVE for JXYZ412*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJRC12 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ412,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ412)          /* EXTENDED JAPANESE           */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 74 (Part 2 of 2). RECEIVE for JXYZ412*

```
//CNMJRC08 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC08                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW     **
//**                        GRAPHIC MONITOR CLIENT/SERVER    **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ408 FUNCTION (NGMF CLIENT/SERVER) **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY ENGLISH    **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 75 (Part 1 of 2). RECEIVE for JXYZ408*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJRC08 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ408,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ408)          /* NGMF CLIENT/SERVER          */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 75 (Part 2 of 2). RECEIVE for JXYZ408*

```
//CNMJRC09 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC09                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW     **
//**                        GRAPHIC MONITOR CLIENT/SERVER    **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ409 FUNCTION (NGMF CLIENT ENG.)  **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY ENGLISH    **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 76 (Part 1 of 2). RECEIVE for JXYZ409*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJRC09 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ409,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ409)          /* NGMF CLIENT                */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 76 (Part 2 of 2). RECEIVE for JXYZ409*

```
//CNMJRC18 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC18                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW     **
//**                        GRAPHIC MONITOR CLIENT/SERVER    **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ418 FUNCTION (NGMF CLIENT/SERVER) **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY JAPANESE   **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 77 (Part 1 of 2). RECEIVE for JXYZ418*

```
//**                                                             **
//*****************************************************************
//*****************************************************************
//CNMJRC18 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ418,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ418)          /* NGMF CLIENT/SERVER          */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 77 (Part 2 of 2). RECEIVE for JXYZ418*

```
//CNMJRC19 JOB 'ACCOUNTING INFORMATION','SMP/E R5 RECEIVE',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//** DISTRIBUTED AS MEMBER: CNMJRC19                         **
//** DESCRIPTION: MVS/ESA - SMP/E R5 RECEIVE FOR NETVIEW     **
//**                        GRAPHIC MONITOR CLIENT/SERVER    **
//*************************************************************
//**                                                         **
//**     FUNCTION:                                           **
//**        THE FMID IS ADDED TO THE SMP/E DATABASE AND THE  **
//**        REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED  **
//**        FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**                                                         **
//**        RECEIVE THE JXYZ419 FUNCTION (NGMF CLIENT JAP.)  **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY JAPANESE   **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR NETVIEW TARGET VOLUME        **
//**                    3. YOUR UNIT NAME FOR TAPE DRIVES    **
//**                                                         **
//**     OUTPUT:                                             **
//**        THE CONDITION CODE FOR THIS JOB SHOULD BE 0.     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 78 (Part 1 of 2). RECEIVE for JXYZ419*

```
//**                                                            **
//****************************************************************
//****************************************************************
//CNMJRC19 EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPTLIB  DD  UNIT=SYSDA,DISP=OLD,
//             VOL=SER=tlibvol              <==2 TLIB VOLUME
//SMPPTFIN DD  DSN=SMPMCS,VOL=SER=XYZ419,
//             UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
//             DISP=OLD
//SMPCNTL  DD  *
  SET      BDY(GLOBAL)  .
  RECEIVE  S(JXYZ419)          /* NGMF CLIENT                */
           SYSMODS
           LIST
           .
/*
//
```

*Figure 78 (Part 2 of 2). RECEIVE for JXYZ419*

## 7.1.5 APPLY NetView V2R4

If you have previously installed NetView or NCCF into target libraries that you will continue to use with NetView V2R4, you will need to let SMP remove the old NetView or NCCF from those target libraries at APPLY time. See section 7.1.5.2, “APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 129 for more information.

CNMJEXAP, found in NETVIEW.V2R4M0.INSTALL, can be used to APPLY NetView V2R4. You should delete the lines from the SMP/E input which contain FMIDs you are not installing. CNMJ4XAP can be used to APPLY the NetView Graphic Monitor Facility US English features. CNMJ5XAP can be used to APPLY the NetView Graphic Monitor Facility Japanese features.

**Note:** If you are installing the English version of NetView, then you must APPLY the PTF(s) associated with APAR OW07638 before you APPLY any of the NetView Graphic Monitor Facility FMIDs (JXYZ408 and JXYZ409).

Figure 79 on page 124 shows the APPLY job.

```
//CNMJEXAP JOB 'ACCOUNTING INFORMATION','SMP/E R5 APPLY',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJEXAP                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        UPDATE THE TARGET ZONE WITH NEW FUNCTIONS        **
//**        AND POPULATE THE TARGET LIBRARIES.               **
//**                                                         **
//**        APPLY ALL RECEIVED FUNCTIONS                     **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW DISTRIBUTED US ENGLISH              **
//**             NETVIEW CENTRAL SYSTEM US ENGLISH           **
//**             NETVIEW DISTRIBUTED JAPANESE                **
//**             NETVIEW CENTRAL SYSTEM JAPANESE             **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR TARGET ZONE NAME             **
//**                    3. ALL OF THE NETVIEW FMIDS ARE      **
//**                       LISTED ON THE APPLY BELOW. YOU    **
//**                       SHOULD DELETE THOSE WHICH ARE NOT **
//**                       INCLUDED IN YOUR ORDER.           **
//**                                                         **
```

*Figure 79 (Part 1 of 2). Job to APPLY RECEIVEd functions*

```
//**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU       **
//**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
//**      >>>> TO APPLY.                                      **
//**                                                          **
//**     ACTIVITY:                                            **
//**                                                          **
//************************************************************
//************************************************************
//CNMJEXAP EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPCNTL  DD  *
  SET      BDY(tgt1)  .              /*  <==2 YOUR TARGET ZONE*/
  APPLY SELECT
     (                              /*  <==3 FMIDS           */
     HXYZ400   /* NETVIEW BASE (FOR ALL OPTIONS)              */
     JXYZ406   /* EXTENDED BASE (FOR CENT. SYSTEM)            */
     JXYZ401   /* BASE US ENGLISH (FOR ANY ENGLISH OPTION)    */
     JXYZ402   /* EXTENDED US ENGLISH (FOR CENT. SYS. ENGLISH) */
     JXYZ411   /* BASE JAPANESE (FOR ANY JAPANESE OPTION)     */
     JXYZ412   /* EXTENDED JAPANESE (FOR CENT. SYS. JAPANESE)  */
     )
  .
/*
//
```

*Figure 79 (Part 2 of 2). Job to APPLY RECEIVEd functions*

Figure 80 on page 126 shows the APPLY job for the NetView Graphic Monitor Facility US English features.

```
.
//CNMJ4XAP JOB 'ACCOUNTING INFORMATION','SMP/E R5 APPLY',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJ4XAP                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        UPDATE THE TARGET ZONE WITH NEW FUNCTIONS        **
//**        AND POPULATE THE TARGET LIBRARIES.               **
//**                                                         **
//**        APPLY ALL RECEIVED FUNCTIONS                     **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY ENGLISH    **
//**             NETVIEW GRAPHIC MONITOR FACILITY JAPANESE   **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR TARGET ZONE NAME             **
//**                    3. ALL OF THE NETVIEW FMIDS ARE      **
//**                       LISTED ON THE APPLY BELOW. YOU    **
//**                       SHOULD DELETE THOSE WHICH ARE NOT **
//**                       INCLUDED IN YOUR ORDER.           **
//**                                                         **
//**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
//**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT    **
//**      >>>> TO APPLY.                                     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 80 (Part 1 of 2). Job to APPLY RECEIVEd functions*

```
//**                                                              **
//****************************************************************
//****************************************************************
//CNMJ4XAP EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPCNTL  DD  *
  SET      BDY(tgt1)  .              /*  <==2 YOUR TARGET ZONE*/
  APPLY SELECT
     (                              /*  <==3 FMIDS           */
     JXYZ408   /* NETVIEW GRAPHIC MONITOR FACILITY C/S ENG     */
     JXYZ409   /* NETVIEW GRAPHIC MONITOR FACILITY SERVER ENG  */
     )
  .
/*
//
```

*Figure 80 (Part 2 of 2). Job to APPLY RECEIVEd functions*

Figure 81 on page 128 shows the APPLY job for the NetView Graphic Monitor Facility Japanese features.

```
//CNMJ5XAP JOB 'ACCOUNTING INFORMATION','SMP/E R5 APPLY',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
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//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJ5XAP                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        UPDATE THE TARGET ZONE WITH NEW FUNCTIONS        **
//**        AND POPULATE THE TARGET LIBRARIES.               **
//**                                                         **
//**        APPLY ALL RECEIVED FUNCTIONS                     **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY ENGLISH    **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR TARGET ZONE NAME             **
//**                    3. ALL OF THE NETVIEW FMIDS ARE      **
//**                       LISTED ON THE APPLY BELOW. YOU    **
//**                       SHOULD DELETE THOSE WHICH ARE NOT **
//**                       INCLUDED IN YOUR ORDER.           **
//**                                                         **
//**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
//**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT    **
//**      >>>> TO APPLY.                                     **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 81 (Part 1 of 2). Job to APPLY RECEIVEd functions*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJ5XAP EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPCNTL  DD  *
  SET      BDY(tgt1)  .              /*  <==2 YOUR TARGET ZONE*/
  APPLY SELECT
     (                              /*  <==3 FMIDS           */
     JXYZ418   /* NETVIEW GRAPHIC MONITOR FACILITY C/S JAP     */
     JXYZ419   /* NETVIEW GRAPHIC MONITOR FACILITY SERVER JAP  */
     )
  .
/*
//
```

*Figure 81 (Part 2 of 2). Job to APPLY RECEIVEd functions*

### 7.1.5.1 Subdividing the APPLY of NetView V2R4

If you wish, you may APPLY the NetView V2R4 FMIDs one at a time by successively running the APPLY job with only one FMID specified in the SELECT option. By APPLYing each FMID in a separate job, you will make each of the jobs run in a shorter period of time than if you APPLYed all the FMIDs together. You may also end up with a shorter total time to APPLY all the FMIDs.

If you do choose to APPLY each of the NetView V2R4 FMIDs with a separate job, you must APPLY the FMID HXYZ400 first. Be sure that you submit a job for each FMID ordered.

### 7.1.5.2 APPLYing NetView V2R4 on a System Having NCCF or NetView Already Installed

You should do either 7.1.5.2.1, “Deleting a Previous Release of NCCF or NetView” or 7.1.5.2.2, “Running with a Previous Release of NCCF or NetView” on page 131, but not both.

***7.1.5.2.1 Deleting a Previous Release of NCCF or NetView:*** If you have previously installed NetView or NCCF into system libraries and you will use those libraries again with NetView V2R4, but you do not want to continue using this release after your V2R4 install, you will need to use SMP to remove the old NetView or NCCF from those libraries when SMP installs NetView V2R4.

This is particularly important when the prior release of NetView or NCCF was installed into SYS1.LINKLIB and/or SYS1.LPALIB. If you do not remove the previous release of NetView or NCCF from SYS1.LINKLIB and SYS1.LPALIB, the newly installed system will be executing the previous NetView or NCCF modules instead of NetView V2R4 modules.

For SMP to remove the previous release of NetView or NCCF from your system's libraries, you will have to take the following steps:

- You will have to run your APPLY job using your old NetView or NCCF libraries and SMP zone.

- Since NetView V2R4 no longer uses the libraries NLDMLIB, NPDALIB, LINKLIB, and LPALIB, you will have to provide access to the old NetView or NCCF NLDMLIB, NPDALIB, LINKLIB, and LPALIB in your APPLY job so SMP can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 82 on page 130 shows an example of possible DD statements. Figure 83 is an example of possible DDDEFs. You will have to substitute the names of your old NetView or NCCF NLDMLIB, NPDALIB, LINKLIB, and LPALIB.

```
//LINKLIB  DD DSN=&NVHLQ..LINKLIB,DISP=SHR
//LPALIB   DD DSN=&NVHLQ..LPALIB,DISP=SHR
//NLDMLIB  DD DSN=&NVHLQ..NLDMLIB,DISP=SHR
//NPDALIB  DD DSN=&NVHLQ..NPDALIB,DISP=SHR
```

*Figure 82. Sample DD Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB*

```
ADD DDDEF (LINKLIB)       /* ADDITIONAL TARGET LIBRARY DDDEFS */
   DA(sys1.LINKLIB) SHR.
ADD DDDEF (LPALIB)
   DA(sys1.LPALIB) SHR.
ADD DDDEF (NLDMLIB)
   DA(sys1.NLDMLIB) SHR.
ADD DDDEF (NPDALIB)
   DA(sys1.NPDALIB) SHR.

ADD DDDEF (ABNJMOD1)     /* DIST. LIBRARY DDDEFS - FOR RESTORE */
   DA(sys1.ABNJMOD1) SHR.
ADD DDDEF (AOS27)
   DA(sys1.AOS27) SHR.
ADD DDDEF (NLOADLIB)
   DA(sys1.NLOADLIB) SHR.
```

*Figure 83. Sample DDDEF Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB*

- During an APPLY, all the elements from a previous release are deleted from your target libraries. If you have previously manually deleted old libraries or elements within a library, the SMP entry for them will still exist. An attempt will be made to delete elements, and processing will continue whether or not they are found. However, if SMP cannot find the data sets, it will halt the APPLY until you provide access to them. In this case, allocate dummy libraries and delete them after the APPLY.
- After the APPLY has successfully finished, you may delete the old NetView or NCCF NLDMLIB and NPDALIB. If they are not empty after the APPLY, LINKLIB and LPALIB should be retained for the non-NetView components they contain. Any old NetView data sets that are deleted should also be removed from your SMP/E procedure (CNMJESMP) and/or your SMP/E zone DDDEFs (CNMJEXAP).
- Since the APPLY will have deleted BNJMTERM from SYS1.LPALIB, no IPLs should be performed with the CLPA option until the library SCNMLPA1 is concatenated to SYS1.LPALIB via a LPALSTxx member of SYS1.PARMLIB (refer to *NetView Installation and Administration Guide*)

**Warning:** If an IPL is performed with the CLPA option before SCNMLPA1 is concatenated to SYS1.LPALIB, the target system will not IPL.

To lessen the exposure to this situation, you might want to add SCNMLPA1 to the LPALSTxx member (refer to *NetView Installation and Administration Guide*) before actually APPLYing NetView V2R4.

***7.1.5.2.2 Running with a Previous Release of NCCF or NetView:*** If you have previously installed NetView or NCCF and you plan to continue using this release after your V2R4 install, you MUST use separate SMP target zones for your NetView V2R4 install. After your period of testing NetView V2R4 is finished, you should delete the previous release of NetView or NCCF. If the previous level of NetView is earlier than Version 2 Release 1 (or NetView Version 1 Release 3 MVS/ESA) then you must manually delete the old modules from SYS1.LPALIB and SYS1.LINKLIB since the new release uses modules which are placed in SCNMLPA1 rather than LPALIB and CNMLINK instead of LINKLIB. These modules in SCNMLPA1 are downward compatible with previous releases and the most recent version should be used.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run an SMP job using a dummy FMID to delete the previous release and its parts from the old libraries and the previous release's target and distribution zones. A UCLIN job is used to clean out references to the dummy FMID from the CSI zones. This assumes you have installed NetView V2R4 in a separate CSI from the previous release. A sample of how this can be done is provided in Figure 84 on page 132 and Figure 85 on page 134. The symbol *fmid2del* would be replaced by the base FMID of the actual release you have installed. Figure 86 on page 135 lists the releases. prior to NetView V2R4. The symbol *nvdelet* is the dummy FMID used for the delete processing. You could use NVDELET as the FMID, you can supply another if you prefer.

```
//CNMJDLT1 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//            MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE: CNMJDLT1                                 **
//**                                                         **
//**     FUNCTION:                                           **
//**        PERFORMS A DELETE OF A PREVIOUS NETVIEW OR NCCF  **
//**        IN THE SMP ZONES USED BY THAT RELEASE BY USING   **
//**        A DUMMY FMID FOR RECEIVE, APPLY, ACCEPT          **
//**        PROCESSING.  THIS IS DONE ONCE MIGRATION IS DONE **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. CHANGE CNMJSMPE TO THE NAME OF YOUR **
//**                       SMP PROC                          **
//**                    2. UNIT TYPE OF DISK CONTAINING CSI  **
//**                    3. VOLUME SERIAL OF DISK CONTAINING  **
//**                       CSI                               **
//**                    4. CHANGE NVDELET TO THE NAME OF THE **
//**                       DUMMY FMID YOU WANT TO USE,       **
//**                       YOU CAN USE UPPERCASE NVDELET     **
//**                    5. CHANGE FMID2DL TO THE FMID YOU    **
//**                       WANT TO DELETE                    **
//**                    6. CHANGE TGT1 TO THE NAME OF YOUR   **
//**                       SMP/E TARGET ZONE                 **
//**                    7. CHANGE DLIB1 TO THE NAME OF YOUR  **
```

*Figure 84 (Part 1 of 2). Sample delete job for NetView MVS/ESA*

```
//**                      SMP/E DISTRIBUTION ZONE             **
//**                                                          **
//**     EXPECTED COND CODE: 0004                             **
//**                                                          **
//**************************************************************
//**                                                          **
//**                                                          **
//**     ACTIVITY:                                            **
//**************************************************************
//**************************************************************
//DELET1   EXEC cnmjsmpe                <==1 NAME OF SMP PROC
//SMPTLIB DD UNIT=disk,DISP=OLD,        <==2 DASD UNIT TYPE
//      VOL=SER=vvvvvv                  <==3 VOLUME NAME
//SMPPTFIN   DD *
++FUNCTION(nvdelet).                 /* <==4 DUMMY FMID     */
++VER(Z038) DELETE(fmid2dl).         /* <==5 FMID TO DELETE */
//SMPCNTL DD  *
SET BDY(GLOBAL).
RECEIVE SELECT (nvdelet).            /* <==4 DUMMY FMID     */
SET BDY(tgt1).               /* <==6 YOUR SMP/E TARGET ZONE */
APPLY SELECT (nvdelet).              /* <==4 DUMMY FMID     */
SET BDY(dlib1).              /* <==7 YOUR SMP/E DLIB ZONE   */
ACCEPT SELECT (nvdelet).             /* <==4 DUMMY FMID     */
/*
```

*Figure 84 (Part 2 of 2). Sample delete job for NetView MVS/ESA*

```
//CNMJDLT2 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//            MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*************************************************************
//*************************************************************
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE: CNMJDLT2                                 **
//**                                                         **
//**     FUNCTION:                                           **
//**        CLEANS UP ALL TRACES OF THE DUMMY FMID FROM THE  **
//**        SMP ZONES USED WHEN THE DUMMY DELETE WAS DONE.   **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. CHANGE CNMJSMPE TO THE NAME OF YOUR **
//**                       SMP PROC                          **
//**                    2. CHANGE TGT1 TO THE NAME OF YOUR   **
//**                       SMP/E TARGET ZONE                 **
//**                    3. CHANGE FMID2DL TO THE FMID YOU    **
//**                       WANT TO DELETE                    **
//**                    4. CHANGE NVDELET TO THE NAME OF THE **
//**                       DUMMY FMID YOU WANT TO USE,       **
//**                       YOU CAN USE UPPERCASE NVDELET     **
//**                    5. CHANGE DLIB1 TO THE NAME OF YOUR  **
//**                       SMP/E DISTRIBUTION ZONE           **
//**                                                         **
```

*Figure 85 (Part 1 of 2). Sample UCLIN zone cleanup job for NetView MVS/ESA*

```
//**     EXPECTED COND CODE: 0000                                **
//**                                                             **
//*****************************************************************
//**                                                             **
//**                                                             **
//**     ACTIVITY:                                               **
//*****************************************************************
//*****************************************************************
//DELET2   EXEC cnmjsmpe           <==1 NAME OF SMP PROC
//SMPCNTL  DD *
 SET BDY(tgt1) .                /* <==2 YOUR SMP/E TARGET ZONE */
  UCLIN .
  DEL SYSMOD(fmid2dl) .         /* <==3 FMID YOU WANT TO DELETE*/
  DEL SYSMOD(nvdelet) .         /* <==4 DUMMY FMID FOR DELETE  */
  ENDUCL .
 SET BDY(dlib1) .               /* <==5 YOUR SMP/E DLIB ZONE   */
  UCLIN .
  DEL SYSMOD(fmid2dl) .         /* <==3 FMID YOU WANT TO DELETE*/
  DEL SYSMOD(nvdelet) .         /* <==4 DUMMY FMID FOR DELETE  */
  ENDUCL .
/*
```

*Figure 85 (Part 2 of 2). Sample UCLIN zone cleanup job for NetView MVS/ESA*

*Figure 86. NetView FMIDs to delete by Version/Release*

| Version/Release | MVS/370 | MVS/XA | MVS/ESA |
|---|---|---|---|
| Version 1 Release 1 | HNV1102 | HNV1103 | N/A[1] |
| Version 1 Release 2 | HNV1202 | HNV1203 | N/A[1] |
| Version 1 Release 3 | N/A[2] | HNV1303 | HVNW140 |
| Version 2 Release 1 | N/A[2] | HVWW101 | HXYZ101 |
| Version 2 Release 2 | N/A[2] | HVWW200 | HXYZ200 |
| Version 2 Release 3 | N/A[2] | HVWW300 | HXYZ300 |

**Notes:**

1. NetView was not shipped in MVS/ESA for this release.
2. NetView was not shipped in MVS/370 for this release.

### 7.1.5.3 Running and Verifying the APPLY of NetView V2R4

Run the apply job CNMJEXAP. CNMJEXAP should end with a condition code of 4 or less. If the code is higher than 4, then analyze the reports from the APPLY and take whatever action is necessary to resolve the errors. The analysis of APPLY reports is covered in detail in the *SMP/E User's Guide*.

Load module DSITCT will not be deleted during APPLY processing for customers who have the TCAM interface module, IEDQB1, installed with NCCF. This is not an error.

The APPLY job can end successfully with a return code of 4, because of expected unresolved external references. The following is a list of unresolved external references (IEW0461) followed by a table listing the actions you should take to resolve them. If you do not plan to use PL/I, RODM, GMFHS, or C to write NetView installation exits and/or command processors, you may ignore these.

**Note:** Unresolved external references in load modules other than those listed here should be investigated whether or not PL/I, RODM, GMFHS, or C will be used with NetView.

*Figure 87 (Page 1 of 2). Load Modules and Unresolved External References*

| Load Modules | Unresolved External References |
|---|---|
| DUIFBR, DUIFBRX DUIFBS, DUIFBSX, | IBMLLIST, IBMPIRA, IBMPIRB, IBMPIRC, |
| DUIFVNGN,DUI4VNGN | CEESG003, CEESTART, STRTOK |
| DUIFVNGI,DUI4VNGI | ATOI, CEESG003, CEESTART, FREE, MALLOC, SPRINTF |
| DUIFCADT, DUI4CADT, DUIFCAPC, DUI4CAPC, DUIFCATC, DUI4CATC, DUIFCCAP, DUI4CCAP, DUIFCDTC, DUI4CDTC, DUIFCDUC, DUI4CDUC, DUIFCGRA, DUI4CGRA, DUIFCGRT, DUI4CGRT, DUIFCLSR, DUI4CLSR, DUIFCMUU, DUI4CMUU, DUIFCRTP, DUI4CRTP, DUIFCRTU, DUI4CRTU, DUIFCRUC, DUI4CRUC, DUIFCSRT, DUI4CSRT, DUIFCUAC, DUI4CUAC, DUIFCURA, DUI4CURA, DUIFCUTC, DUI4CUTC, DUIFEGSN, DUI4EGSN, DUIFFAWS, DUI4FAWS, DUIFFIRS, DUI4FIRS, DUIFFRAS, DUI4FRAS, DUIFFSUS, DUI4FSUS | ATOI, CEESG003, CEESTART, FREE, MALLOC, MEMMOVE, SPRINTF |
| DUIFCRDC, DUI4CRDC | ATOI, CEESG003, CEESTART, FREE, MALLOC, MEMMOVE, SPRINTF, MEMCPY |
| DUIFCAGC, DUI4CAGC | ATOI, CEESG003, CEESTART, FREE, MALLOC, MEMMOVE, SPRINTF, MEMSET, MEMCPY |
| DUIFVSUB, DUI4VSUB, DUIFVUNS, DUI4VUNS | ATOI, CEESG003, CEESTART, FREE, MALLOC, SPRINTF, STRNCAT, STRNCPY, MEMMOVE |
| DUIFCLRT, DUI4CLRT, DUIFCUAP, DUI4CUAP | ATOI, CEESG003, CEESTART, FREE, MALLOC, MEMMOVE, SPRINTF, STRPBRK, MEMSET, STRCHR, MEMCPY |
| DUIFCUUS, DUI4CUUS, DUIFECDS, DUI4ECDS | ATOI, CEESG003, CEESTART, FREE, MALLOC, MEMMOVE, SPRINTF, STRNCMP |

*Figure 87 (Page 2 of 2). Load Modules and Unresolved External References*

| Load Modules | Unresolved External References |
|---|---|
| DUIFVFPV, DUI4VFPV, DUIFVGET, DUI4VGET, DUIFVIEW, DUI4VIEW, DUIFVLST, DUI4VLST, DUIFVLTT, DUI4VLTT, DUIFVMDR, DUI4VMDR, DUIFVPER, DUI4VPER, DUIFVPFR, DUI4VPFR | @@TRT, ATOI, CEESG003, CEESTART, FREE, MALLOC, SPRINTF, STRNCAT, STRTOK, STRNCPY |
| DUIFVFPV, DUI4VFPV, DUIFVIEW, DUI4VIEW, DUIFVLST, DUI4VLST, DUIFVLTT, DUI4VLTT, DUIFVMDR, DUI4VMDR, | ATOI, CEESG003, CEESTART, FREE, MALLOC, SPRINTF, STRNCAT, STRTOK, STRNCPY |
| DUIFVGET, DUI4VGET | @@TRT, ATOI, CEESG003, CEESTART, FREE, MALLOC, SPRINTF, STRNCAT, STRTOK, STRNCPY, TOUPPER, MEMMOVE |
| DUIFVPFR, DUI4VPFR | ATOI, CEESG003, CEESTART, FREE, MALLOC, SPRINTF, STRNCAT, STRTOK, STRNCPY, TOUPPER |
| DUIFCUAP, DUI4CUAP | @@TRT, ATOI, CEESG003, CEESTART, EKGMAPI, FREE, MALLOC, MEMMOVE, MEMSET, SPRINTF, STRPBRK |

*Figure 88 (Page 1 of 2). Resolving External References for NetView V2R4 Load Modules*

| Load Modules | Action to Resolve External References |
|---|---|
| DSIEXPLI, DSIEXPLP, DSIEXC, DSIEXKT | Include these load modules in your user-written code. For more information, refer to *NetView Customization: Using PL/I and C*. |
| CNMNVLC, CNMVLC | Link-edit your user-written code. For more information, refer to *NetView Customization: Using PL/I and C*. |
| DSIHLL24, DSIIBMHL, EKGLG000, EKGSPPI, EKGTC000, EKGC, EKGCTIM, EKGINIT, EKGMIMV, EKGNEQL, EKGNLST, EKGNOTF, EKGNTHD, EKGIVER, EKGLOTLM | Run CNMSJ011 to resolve these modules. Refer to the *NetView Installation and Administration Guide* for more information. |
| DUIFCADT, DUIFCAGC, DUIFCAPC, DUIFCATC, DUIFCCAP, DUIFCDTC, DUIFCDUC, DUIFCGRA, DUIFCGRT, DUIFCLRT, DUIFCLSR, DUIFCMUU, DUIFCRDC, DUIFCRTP, DUIFCRTU, DUIFCRUC, DUIFCSRT, DUIFCSSR, DUIFCUAC, DUIFCUAP, DUIFCURA, DUIFCUTC, DUIFCUUS, DUIFECDS, DUIFEGSN, DUIFFAWS, DUIFFIRS, DUIFFRAS, DUIFFSUS, DUIFVFPV, DUIFVGET, DUIFVIEW, DUIFVLST, DUIFVLTT, DUIFVMDR, DUIFVPER, DUIFVPFR, DUIFVSUB, DUIFVUNS, DUIFVNGI, DUIFVNGN | Run CNMSJH05 to resolve these modules. |

*Figure 88 (Page 2 of 2). Resolving External References for NetView V2R4 Load Modules*

| Load Modules | Action to Resolve External References |
|---|---|
| DSIHL24X, EKGLG00X, EKGSPPX, EKGTC00X, EKGCTIX, EKGINIX, EKGMIMX, EKGNEQX, EKGNLSX, EKGNOTX, EKGNTHX, EKGIVEX, EKGLOTLX, DUI4CADT, DUI4CAGC, DUI4CAPC, DUI4CATC, DUI4CCAP, DUI4CDTC, DUI4CDUC, DUI4CGRA, DUI4CGRT, DUI4CLRT, DUI4CLSR, DUI4CMUU, DUI4CRDC, DUI4CRTP, DUI4CRTU, DUI4CRUC, DUI4CSRT, DUI4CSSR, DUI4CUAC, DUI4CUAP, DUI4CURA, DUI4CUTC, DUI4CUUS, DUI4ECDS, DUI4EGSN, DUI4FAWS, DUI4FIRS, DUI4FRAS, DUI4FSUS, DUI4VFPV, DUI4VGET, DUI4VIEW, DUI4VLST, DUI4VLTT, DUI4VMDR, DUI4VPER, DUI4VPFR, DUI4VSUB, DUI4VUNS, DUI4VNGI, DUI4VNGN | These load modules are never themselves executed. They provide the basis for creating the corresponding executable load module in which the unresolved external references are resolved. This method is required in order to migrate to newer versions of the PL/I and C link edit libraries. Therefore, the references in these load modules can remain unresolved. |

## 7.1.6 ACCEPT NetView V2R4

If you have previously installed NetView or NCCF into distribution libraries that you will continue to use with NetView V2R4, you will need to let SMP remove the old NetView or NCCF from those distribution libraries at ACCEPT time. See 7.1.6.2, “ACCEPTing NetView V2R4 on a System Having NCCF or NetView Already Installed” on page 144 for more information.

CNMJEXAC, found in NETVIEW.V2R4M0.INSTALL, can be used to ACCEPT NetView V2R4. You should delete lines in the SMP/E input that contain FMIDs you are not installing. CNMJ4XAC can be used to ACCEPT the NetView V2R4 Graphic Monitor Facility US English features. CNMJ5XAC can be used to ACCEPT the NetView V2R4 Graphic Monitor Facility Japanese features.

Figure 89 on page 139 shows the ACCEPT job.

```
//CNMJEXAC JOB 'ACCOUNTING INFORMATION','SMP/E R5 ACCEPT',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
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//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJEXAC                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS  **
//**        AND POPULATE THE DISTRIBUTION LIBRARIES.         **
//**                                                         **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW DISTRIBUTED US ENGLISH              **
//**             NETVIEW CENTRAL SYSTEM US ENGLISH           **
//**             NETVIEW DISTRIBUTED JAPANESE                **
//**             NETVIEW CENTRAL SYSTEM JAPANESE             **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
```

*Figure 89 (Part 1 of 2). Job to ACCEPT RECEIVEd functions*

```
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE   **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                            **
//**                    1. YOUR SMP/E PROC                    **
//**                    2. YOUR DISTRIBUTION ZONE NAME        **
//**                    3. ALL OF THE NETVIEW FMIDS ARE       **
//**                       LISTED ON THE ACCEPT BELOW.  YOU   **
//**                       SHOULD DELETE THOSE WHICH ARE NOT  **
//**                       INCLUDED IN YOUR ORDER.            **
//**                                                          **
//**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU       **
//**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT       **
//**      >>>> YOU ARE ABOUT TO ACCEPT.                       **
//**                                                          **
//**     ACTIVITY:                                            **
//**                                                          **
//************************************************************
//************************************************************
//CNMJEXAC EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPCNTL  DD  *
  SET      BDY(dlib1)  .               /*  <==2 YOUR DLIB ZONE*/
  ACCEPT SELECT
     (                                 /*  <==3 FMIDS         */
     HXYZ400   /* NETVIEW BASE (FOR ALL OPTIONS)              */
     JXYZ406   /* EXTENDED BASE (FOR CENT. SYSTEM)            */
     JXYZ401   /* BASE US ENGLISH (FOR ANY ENGLISH OPTION)    */
     JXYZ402   /* EXTENDED US ENGLISH (FOR CENT. SYS. ENGLISH) */
     JXYZ411   /* BASE JAPANESE (FOR ANY JAPANESE OPTION)     */
     JXYZ412   /* EXTENDED JAPANESE (FOR CENT. SYS. JAPANESE)  */
     )
  .
/*
//
```

*Figure 89 (Part 2 of 2). Job to ACCEPT RECEIVEd functions*

Figure 90 on page 141 shows the ACCEPT job for the NetView Graphic Monitor Facility US English features.

```
//CNMJ4XAC JOB 'ACCOUNTING INFORMATION','SMP/E R5 ACCEPT',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
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//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJ4XAC                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS  **
//**        AND POPULATE THE DISTRIBUTION LIBRARIES.         **
//**                                                         **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY ENGLISH    **
//**             NETVIEW GRAPHIC MONITOR FACILITY JAPANESE   **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR DISTRIBUTION ZONE NAME       **
//**                    3. ALL OF THE NETVIEW FMIDS ARE      **
//**                       LISTED ON THE ACCEPT BELOW.  YOU  **
//**                       SHOULD DELETE THOSE WHICH ARE NOT **
//**                       INCLUDED IN YOUR ORDER.           **
//**                                                         **
//**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
//**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
//**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 90 (Part 1 of 2). Job to ACCEPT RECEIVEd functions*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJ4XAC EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPCNTL  DD  *
  SET      BDY(dlib1)  .                /*  <==2 YOUR DLIB ZONE*/
  ACCEPT SELECT
     (                                  /*  <==3 FMIDS         */
     JXYZ408   /* NETVIEW GRAPHIC MONITOR FACILITY C/S ENG     */
     JXYZ409   /* NETVIEW GRAPHIC MONITOR FACILITY SERVER ENG  */
     )
  .
/*
//
```

*Figure 90 (Part 2 of 2). Job to ACCEPT RECEIVEd functions*

Figure 91 on page 143 shows the ACCEPT job for the NetView Graphic Monitor Facility Japanese features.

```
//CNMJ5XAC JOB 'ACCOUNTING INFORMATION','SMP/E R5 ACCEPT',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//**                                                         **
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//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**     PROCEDURE:  CNMJ5XAC                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS  **
//**        AND POPULATE THE DISTRIBUTION LIBRARIES.         **
//**                                                         **
//**        THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**        OF THE FOLLOWING NETVIEW OPTIONS:                **
//**             NETVIEW GRAPHIC MONITOR FACILITY JAPANESE   **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR SMP/E PROC                   **
//**                    2. YOUR DISTRIBUTION ZONE NAME       **
//**                    3. ALL OF THE NETVIEW FMIDS ARE      **
//**                       LISTED ON THE ACCEPT BELOW.  YOU  **
//**                       SHOULD DELETE THOSE WHICH ARE NOT **
//**                       INCLUDED IN YOUR ORDER.           **
//**                                                         **
//**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
//**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
//**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
//**                                                         **
//**     ACTIVITY:                                           **
```

*Figure 91 (Part 1 of 2). Job to ACCEPT RECEIVEd functions*

```
//**                                                             **
//*************************************************************
//*************************************************************
//CNMJ5XAC EXEC cnmjsmpe                    <==1 YOUR SMP/E PROC
//SMPCNTL  DD  *
  SET      BDY(dlib1)  .                /*  <==2 YOUR DLIB ZONE*/
  ACCEPT SELECT
     (                                  /*  <==3 FMIDS         */
     JXYZ418   /* NETVIEW GRAPHIC MONITOR FACILITY C/S JAP     */
     JXYZ419   /* NETVIEW GRAPHIC MONITOR FACILITY SERVER JAP  */
     )
  .
/*
//
```

*Figure 91 (Part 2 of 2). Job to ACCEPT RECEIVEd functions*

### 7.1.6.1 Subdividing the ACCEPT of NetView V2R4

If you wish, you may ACCEPT NetView V2R4 FMIDs one at a time by successively running the ACCEPT job with only one FMID specified in the SELECT option. By ACCEPTing each FMID in a separate job, you will make each of the jobs run in a shorter period of time than if you ACCEPTed all the FMIDs together.

If you do choose to ACCEPT each of the NetView V2R4 FMIDs with a separate job, you must ACCEPT the FMID HXYZ400 first. Be sure to submit a job for each FMID ordered.

### 7.1.6.2 ACCEPTing NetView V2R4 on a System Having NCCF or NetView Already Installed

You should do either 7.1.6.2.1, “Deleting a Previous Release of NCCF or NetView” or 7.1.6.2.2, “Running with a Previous Release of NCCF or NetView” on page 145, but not both.

***7.1.6.2.1 Deleting a Previous Release of NCCF or NetView:*** If you have previously installed NetView or NCCF into system libraries and you will reuse those libraries with NetView V2R4, but you do NOT want to continue using this release after your V2R4 install, you will need to let SMP remove the old NetView or NCCF from those libraries when SMP installs NetView V2R4.

To allow SMP to remove the old NetView or NCCF from your system's libraries, you will have to take the following steps:

- You will have to run your ACCEPT job using your old NetView or NCCF libraries and SMP zone.
- Since NetView V2R4 no longer uses the libraries NLOADLIB, ABNJMOD1 and AOS27, you will have to provide access to the old NetView or NCCF NLOADLIB, ABNJMOD1, and AOS27 in your ACCEPT job so SMP can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 92 on page 145 shows an example of

possible DD statements. Figure 93 on page 145 is an example of possible DDDEFs. You will have to substitute the names of your NetView or NCCF NLOADLIB, ABNJMOD1, and AOS27.

```
//ABNJMOD1 DD DSN=&NVHLQ..ABNJMOD1,DISP=SHR
//AOS27    DD DSN=&NVHLQ..AOS27,DISP=SHR
//NLOADLIB DD DSN=&NVHLQ..NLOADLIB,DISP=SHR
```

*Figure 92. Sample DD Statements for NLOADLIB, ABNJMOD1, and AOS27*

```
ADD DDDEF (ABNJMOD1)
   DA(sys1.ABNJMOD1) SHR.
ADD DDDEF (AOS27)
   DA(sys1.AOS27) SHR.
ADD DDDEF (NLOADLIB)
   DA(sys1.NLOADLIB) SHR.
```

*Figure 93. Sample DDDEF Statements for NLOADLIB, ABNJMOD1, and AOS27*

- During an ACCEPT, all the elements from a previous release are deleted from your distribution libraries. If you have previously manually deleted old libraries or elements within a library, the SMP entry for them will still exist. An attempt will be made to delete them and processing will continue whether or not the element is found. However, if SMP cannot find the data sets, it will halt the ACCEPT until you provide access to them. In this case, allocate dummy libraries and delete them after the ACCEPT.
- After the ACCEPT has successfully finished, you may delete the old NetView or NCCF NLOADLIB and ABNJMOD1. AOS27 should be retained for the non-NetView components it contains, if it is not empty after the ACCEPT. Any old NetView data sets that are deleted should also be removed from your SMP/E procedure (CNMJEXMP) and/or your SMP/E zone DDDEFs (CNMJEXDD).

***7.1.6.2.2 Running with a Previous Release of NCCF or NetView:*** If you have previously installed NetView or NCCF and you plan to continue using this release after your V2R4 install, you MUST use separate SMP distribution zones for your NetView MVS/ESA install.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run the dummy SMP job to delete the old distribution libraries from the previous release's CSI zone. This assumes you have installed NetView V2R4 in a separate CSI from the previous release. This process is described in 7.1.5.2.2, “Running with a Previous Release of NCCF or NetView” on page 131 and the jobs provided perform the receive, apply, and accept steps.

#### 7.1.6.3 Running and Verifying the ACCEPT of NetView V2R4

Run the accept job CNMJEXAC. CNMJEXAC should end with a condition code of 0. If the condition code for CNMJEXAC is not 0, then analyze the reports from the ACCEPT and take whatever action is necessary to resolve the errors. The analysis of ACCEPT reports is covered in detail in *SMP/E User's Guide*.

### 7.1.7 Installing the PTFs for CUM Maintenance

For information concerning PTF installation, refer to *SMP/E User's Guide*.

RECEIVE, APPLY, and ACCEPT any CUM tape received with this product.

## 7.2 Activating NetView V2R4

Detailed steps to get the program into operational status are defined in *NetView Installation and Administration Guide*.

# Appendix A. NetView V2R4 Install Logic

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView V2R4 HXYZ400 follow:

```
++FUNCTION(HXYZ400) FESN(0521243)  REWORK(1993287)    FILES(5)
                            /* TIME=16.34.01  DATE=10/14/93 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038)
   DELETE(HXYZ300,HVWW300,HXZY200,HVWW200,HXYZ101,
      HXYZ100,HVWW101,HVWW100,HVNW140,HNV1303,HNV1203,HNV1202,
      HNV1103,HVN1102,HNO1102,HCS1102,HCS1302,HCS1502,HCS2102,
      HCS2202,HCS2203,HLD1100,HLD1200, HLD1302,HLD1303,HPD2100,
      HPD3100,HPD3200,HPJ3202,JPD2103,JPD3110,JPD3210,JPJ3210)
   SUP(HXYZ300,HVWW300,HXZY200,HVWW200,HXYZ101,
      HXYZ100,HVWW101,HVWW100,HVNW140,HNV1303,HNV1203,HNV1202,
      HNV1103,HVN1102,HNO1102,HCS1102,HCS1302,HCS1502,HCS2102,
      HCS2202,HCS2203,HLD1100,HLD1200, HLD1302,HLD1303,HPD2100,
      HPD3100,HPD3200,HPJ3202,JPD2103,JPD3110,JPD3210,JPJ3210)
   .
++JCLIN RELFILE(1) .
```

*Figure 94. Installation Logic for IBM NetView V2R4 HXYZ400*

The SMP/E MCS statements up to and including the ++VER statement for NetView V2R4 JXYZ401 follow:

```
++FUNCTION(JXYZ401) FESN(0521243)  REWORK(1993287)  FILES(3)
                           /* TIME=13.52.12  DATE=10/14/93 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  .
```

*Figure 95. Installation Logic for IBM NetView V2R4 JXYZ401*

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView V2R4 JXYZ402 follow:

```
++FUNCTION(JXYZ402) FESN(0521243)  REWORK(1993287)  FILES(4)
                           /* TIME=15.13.02  DATE=10/14/93 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  PRE(JXYZ406)
  VERSION(JXYZ406)
  .
++JCLIN RELFILE(1) .
```

*Figure 96. Installation Logic for IBM NetView V2R4 JXYZ402*

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView V2R4 JXYZ406 follow:

```
++FUNCTION(JXYZ406) FESN(0521243)  REWORK(1993287)  FILES(4)
                            /* TIME=16.01.47  DATE=10/14/93 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  .
++JCLIN RELFILE(1) .
```

*Figure 97. Installation Logic for IBM NetView V2R4 JXYZ406*

The SMP/E MCS statements up to and including the ++VER statement for NetView V2R4 JXYZ411 follow:

```
++FUNCTION(JXYZ411) FESN(0521243)   REWORK(1994215)   FILES(5)
                            /* TIME=12.51.17  DATE=08/03/94 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  .
++JCLIN RELFILE(1) .
```

*Figure 98. Installation Logic for IBM NetView V2R4 JXYZ411*

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView V2R4 JXYZ412 follow:

```
++FUNCTION(JXYZ412) FESN(0521243)   REWORK(1994215)   FILES(4)
                            /* TIME=13.05.29  DATE=08/03/94 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  PRE(JXYZ406)
  VERSION(JXYZ406)
  .
++JCLIN RELFILE(1) .
```

*Figure 99. Installation Logic for IBM NetView V2R4 JXYZ412*

The SMP/E MCS statements up to and including the ++VER statement for NetView V2R4 JXYZ408 follow:

```
++FUNCTION(JXYZ408) FESN(0521243)   REWORK(1994202)   FILES(2)
                           /* TIME=10.24.06  DATE=07/21/94 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  PRE(JXYZ406)
  VERSION(JXYZ406)
  .
```

*Figure 100. Installation Logic for IBM NetView V2R4 JXYZ408*

The SMP/E MCS statements up to and including the ++VER statement for NetView V2R4 JXYZ409 follow:

```
++FUNCTION(JXYZ409) FESN(0521243)   REWORK(1994202)   FILES(1)
                           /* TIME=10.53.08  DATE=07/21/94 */
/*******************************************************/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  PRE(JXYZ408)
  VERSION(JXYZ408)
  .
```

*Figure 101. Installation Logic for IBM NetView V2R4 JXYZ409*

The SMP/E MCS statements up to and including the ++VER statement for NetView V2R4 JXYZ418 follow:

```
++FUNCTION(JXYZ418) FESN(0521243)   REWORK(1994201)   FILES(2)
                           /* TIME=18.31.53  DATE=07/20/94 */
/*******************************************************/
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/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE,        */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY             */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.     */
/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  PRE(JXYZ406)
  VERSION(JXYZ406)
  .
```

*Figure 102. Installation Logic for IBM NetView V2R4 JXYZ418*

The SMP/E MCS statements up to and including the ++VER statement for NetView V2R4 JXYZ419 follow:

```
++FUNCTION(JXYZ419) FESN(0521243)   REWORK(1994201)   FILES(1)
                           /* TIME=19.29.35  DATE=07/20/94 */
/*******************************************************/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5685-111 (C) COPYRIGHT IBM CORP. 1986, 1994         */
/* ALL RIGHTS RESERVED.                                */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE,        */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY             */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.     */
/* LICENSED MATERIALS - PROPERTY OF IBM                */
/* REFER TO COPYRIGHT INSTRUCTIONS                     */
/* FORM NUMBER G120-2083.                              */
/*******************************************************/
  .
++VER(Z038) FMID(HXYZ400)
  PRE(JXYZ418)
  VERSION(JXYZ418)
  .
```

*Figure 103. Installation Logic for IBM NetView V2R4 JXYZ419*

To unload the remainder of the SMP/E MCS for NetView V2R4 sample CNMJUMCS, provided in CNM.V2R2M0.INSTALL can be used.

```
//CNMJUMCS JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//  CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*************************************************************
//*************************************************************
//**                                                         **
//**                                                         **
//**      5685-111 (C) COPYRIGHT IBM CORP. 1986, 1993        **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY     **
//**        GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**                                                         **
//**     PROCEDURE:  CNMJUMCS                                **
//**                                                         **
//**     FUNCTION:                                           **
//**        PRINTS THE INSTALL LOGIC (SMP/E MCS) FROM THE    **
//**        PRODUCT TAPES                                    **
//**                                                         **
//**     NOTE:                                               **
//**        ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**        AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**        KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**        IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**        JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**        JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**        CUSTOMIZATION INCLUDE:                           **
//**                    1. YOUR TAPE UNIT                    **
//**                    2. UNCOMMENT LINE FOR MCS DESIRED    **
//**                                                         **
//**     EXPECTED COND CODE: 0000                            **
//**                                                         **
//**     ACTIVITY:                                           **
//**                                                         **
//*************************************************************
//*************************************************************
```

*Figure 104 (Part 1 of 2). Sample CNMJUMCS*

```
//*
//PSMPMCS   PROC VOLSER=          DISTRIBUTION TAPE VOLSER
//CNMJXLGC  EXEC PGM=IEBGENER
//SYSPRINT  DD DUMMY
//SYSUT1    DD DSN=SMPMCS,VOL=SER=&VOLSER.,
//             UNIT=tape,DISP=OLD,      <==1 TAPE UNIT NAME
//             LABEL=(1,SL)
//SYSUT2    DD SYSOUT=A
//SYSIN     DD DUMMY
//          PEND
//*XYZ400   EXEC PSMPMCS,VOLSER=XYZ400  <==2 NV BASE
//*XYZ406   EXEC PSMPMCS,VOLSER=XYZ406  <==2 NV EXTENDED BASE
//*XYZ401   EXEC PSMPMCS,VOLSER=XYZ401  <==2 NV BASE U.S. ENG.
//*XYZ402   EXEC PSMPMCS,VOLSER=XYZ402  <==2 NV EXTENDED ENG.
//*XYZ411   EXEC PSMPMCS,VOLSER=XYZ411  <==2 NV BASE JAPANESE
//*XYZ412   EXEC PSMPMCS,VOLSER=XYZ412  <==2 NV EXTENDED JAPAN.
```

*Figure 104 (Part 2 of 2). Sample CNMJUMCS*

If you ordered NetView V2R4 as an individual product (not in CBIPO or CBPDO), then the entire set of SMP/E modification control statements for the installation can be obtained by printing the first file of the NetView V2R4 program tape.

# Appendix B. Program Level Information

The following APAR fixes against previous releases of NetView have been incorporated into this NetView V2R4:

| | | | |
|---|---|---|---|
| OY15077 | OY23105 | OY23806 | OY24621 |
| OY19487 | OY23129 | OY23807 | OY24630 |
| OY20039 | OY23199 | OY23811 | OY24692 |
| OY20406 | OY23223 | OY23816 | OY24715 |
| OY20532 | OY23267 | OY23858 | OY24725 |
| OY21339 | OY23274 | OY23866 | OY24779 |
| OY21428 | OY23283 | OY23928 | OY24786 |
| OY21453 | OY23294 | OY23938 | OY24788 |
| OY21758 | OY23324 | OY23952 | OY24790 |
| OY21781 | OY23344 | OY23967 | OY24791 |
| OY21830 | OY23363 | OY24040 | OY24806 |
| OY22096 | OY23424 | OY24100 | OY24815 |
| OY22144 | OY23425 | OY24106 | OY24816 |
| OY22276 | OY23444 | OY24181 | OY24820 |
| OY22317 | OY23522 | OY24209 | OY24909 |
| OY22361 | OY23524 | OY24211 | OY24920 |
| OY22395 | OY23525 | OY24212 | OY24973 |
| OY22439 | OY23540 | OY24213 | OY24980 |
| OY22464 | OY23601 | OY24220 | OY24988 |
| OY22501 | OY23672 | OY24266 | OY24989 |
| OY22722 | OY23688 | OY24267 | OY25031 |
| OY22745 | OY23691 | OY24278 | OY25068 |
| OY22747 | OY23692 | OY24315 | OY25071 |
| OY22765 | OY23693 | OY24324 | OY25100 |
| OY22781 | OY23694 | OY24328 | OY25165 |
| OY22842 | OY23695 | OY24334 | OY25169 |
| OY22844 | OY23696 | OY24348 | OY25218 |
| OY22848 | OY23697 | OY24358 | OY25259 |
| OY22872 | OY23702 | OY24396 | OY25298 |
| OY22930 | OY23704 | OY24412 | OY25316 |
| OY22931 | OY23718 | OY24416 | OY25320 |
| OY22932 | OY23734 | OY24448 | OY25336 |
| OY23004 | OY23751 | OY24474 | OY25346 |
| OY23005 | OY23766 | OY24502 | OY25372 |
| OY23006 | OY23775 | OY24529 | OY25382 |
| OY23008 | OY23799 | OY24530 | OY25388 |
| OY23023 | OY23800 | OY24543 | OY25428 |
| OY23036 | OY23802 | OY24568 | OY25435 |
| OY23089 | OY23803 | OY24595 | OY25500 |

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# Reader's Comments

**NetView V2R4 for MVS/ESA**

You may use this form to comment about this document, its organization, or subject matter with the understanding that IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

For each of the topics below please indicate your satisfaction level by circling your choice from the rating scale. If a statement does not apply, please circle N.

**RATING SCALE**

```
  very                                very          not
satisfied  <====================>  dissatisfied  applicable
   1        2        3        4         5            N
```

| | Satisfaction | | | | | |
|---|---|---|---|---|---|---|
| Ease of product installation | 1 | 2 | 3 | 4 | 5 | N |
| Contents of program directory | 1 | 2 | 3 | 4 | 5 | N |
| Installation Verification Programs | 1 | 2 | 3 | 4 | 5 | N |
| Time to install the product | 1 | 2 | 3 | 4 | 5 | N |
| Readability and organization of program directory tasks | 1 | 2 | 3 | 4 | 5 | N |
| Necessity of all installation tasks | 1 | 2 | 3 | 4 | 5 | N |
| Accuracy of the definition of the installation tasks | 1 | 2 | 3 | 4 | 5 | N |
| Technical level of the installation tasks | 1 | 2 | 3 | 4 | 5 | N |
| Ease of getting the system into production after installation | 1 | 2 | 3 | 4 | 5 | N |

What order media was this product received?

___ CBIPO
___ CBPDO
___ Independent
___ Other

Is this the first time your organization has installed this product?

___ Yes
___ No

Were the people who did the installation experienced with the installation of MVS products?

___ Yes
___ No

If yes, how many years? __

If you have any comments to make about your ratings above, or any other aspect of the product installation, please list them below:

_____
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Please provide the following contact information:

_____
Name and Job Title

_____
Organization

_____

_____
Address

_____
Telephone

Thank you for your participation.

Please give the completed form to your IBM representative (who will forward it to the NetView V2R4 Development group) or send it to:

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ATTENTION: E15/B500

Program Number: 5685-111

5810/5811/5812
5820/5821/5822
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5830/5831/5832
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