



**Program Directory for  
TME 10 NetView for OS/390  
Japanese  
LE/370**

Version 1 Release 2

Program Number 5697-B82

FMID HPZ8300

for Use with  
MVS/ESA

Document Date: September 1, 1998

GI10-4803-00

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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 TME 10 NetView for OS/390. This publication refers to TME 10 NetView for OS/390 as TME 10 NetView for OS/390 Version 1 Release 2. You should read all of this program directory before installing the program and then keep it for future reference.

The program directory contains the following sections:

- 2.0, “Program Materials” on page 8 identifies the basic and optional program materials and documentation for TME 10 NetView for OS/390 Version 1 Release 2.
- 3.0, “Program Support” on page 20 describes the IBM support available for TME 10 NetView for OS/390 Version 1 Release 2.
- 4.0, “Program and Service Level Information” on page 22 lists the APARs (program level) and PTFs (service level) incorporated into TME 10 NetView for OS/390 Version 1 Release 2.
- 5.0, “Installation Requirements and Considerations” on page 23 identifies the resources and considerations for installing and using TME 10 NetView for OS/390 Version 1 Release 2.
- 6.0, “Installation Instructions” on page 59 provides detailed installation instructions for TME 10 NetView for OS/390 Version 1 Release 2. It also describes the procedures for activating the functions of TME 10 NetView for OS/390 Version 1 Release 2, or refers to appropriate publications.
- Appendix A, “TME 10 NetView for OS/390 Version 1 Release 2 Install Logic” on page 184 provides the install logic for TME 10 NetView for OS/390 Version 1 Release 2.
- Appendix C, “TPServer Installation Information” on page 213 provides detailed installation instructions for TPServer.
- C.14, “TPServer Install Logic” on page 239 provides the install logic for TPServer.

Before installing TME 10 NetView for OS/390 Version 1 Release 2, read 3.2, “Preventive Service Planning” on page 20. 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 TME 10 NetView for OS/390 Version 1 Release 2 with an MVS Custom-Built Installation Process Offering (CBIPO), SystemPac, or ServerPac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the program directory as required.

If you are installing TME 10 NetView for OS/390 Version 1 Release 2 using the MVS Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), use the softcopy program directory provided on the CBPDO tape. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for TME 10 NetView for OS/390 Version 1 Release 2 are included on the CBPDO tape.

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## 1.1 TME 10 NetView for OS/390 Version 1 Release 2 Description

TME 10 NetView for OS/390 Version 1 Release 2 (NetView for OS/390) combines the power of three key management products to deliver a single, integrated, and enhanced product that provides comprehensive network computing management. NetView for OS/390 provides:

- Network and system information to aid in quickly analyzing and resolving network computing problems
- Policy-driven, production-ready network automation to enhance problem resolution
- Dynamic topology and status across the enterprise for SNA and/or non-SNA resources
- Bidirectional management capability between S/390 and distributed environments when implemented with TME 10 Global Enterprise Manager
- Year 2000 support to protect your vital resource from turn-of-the-century impacts

Building on the rich functionality and strength of TME 10 NetView for OS/390, Release 2 provides these additional enhancements:

- Desktop independence so you can view your network resources graphically on a variety of JAVA desktops
- Protocol independence enabled by both TCP/IP and SNA connectivity between S/390 and distributed platforms
- TCP/IP management that includes command support, automated pro-active monitoring, thresholding, and resource and session management including correlation of SNA and TCP/IP session data
- Automation testing, additional flexibility through concatenation of automation tables, and additional robust functions which allow you to solve your enterprise management problems even more effectively
- Enhanced data management flexibility and access providing greater control and usage of your data through functions such as DB2 (SQL) access
- Web server access so that operators can access NetView for OS/390 and issue commands through a Web browser
- Extensive enhancements to PIPEs stages and functionality enabling quick and powerful ways to manipulate data
- Support for the Tivoli Management Agent extending your management control
- Extended management of NetWare and Tivoli Management Region networks resources



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## 1.2 TME 10 NetView for OS/390 Version 1 Release 2 FMIDs

TME 10 NetView for OS/390 Version 1 Release 2 LE/370 language option consists of the following FMIDs:

HPZ8300  
JPZ8303  
JPZ8305  
JPZ8306  
JPZ8307  
JPZ8320  
JPZ8325  
HPZ8330  
JPZ8340  
JPZ8345  
JPZ8346  
JPZ8355  
H23H100

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## 1.3 TME 10 NetView for OS/390 Version 1 Release 2 Ordering Options

When you ordered TME 10 NetView for OS/390 Version 1 Release 2 you specified three things:

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

The materials you received for TME 10 NetView for OS/390 Version 1 Release 2 contain functions associated with all installation options, High Level Language environment, and NLS choices.

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

Figure 1. Ordering Option Components

Component	Ordering Option		
	Unattended Option LE/370	Procedural Option LE/370	Graphical Enterprise Option LE/370
NetView Unattended Base HPZ8300	x	x	x
NetView Unattended LE/370 JPZ8303	x	x	x
NetView Unattended Japanese JPZ8305	x	x	x
NetView Unattended Methods JPZ8306	x	x	x
NetView OS/390 UNIX Services Related Components JPZ8307	x	x	x
NetView Procedural Base JPZ8320		x	x
NetView Procedural Japanese JPZ8325		x	x
NetView C Runtime Language HPZ8330*			x
NetView Graphical Enterprise Base JPZ8340			x
NetView Graphical Enterprise Japanese JPZ8345			x
NetView Graphical Enterprise Methods JPZ8346			x
NetView Graphical Enterprise Workstation Japanese JPZ8355			x
TPServer H23H100**			x

\* For installing FMID HPZ8330 refer to the NetView C Runtime Language Program Directory GI10-4811. FMID HPZ8330 is shipped on separate distribution media. If you are installing the Graphical Enterprise Option you **MUST** install HPZ8330 prior to or concurrently with JPZ8340.

\*\* For installing TPServer FMID H23H100 refer to Appendix C.

#### HLL note

To install both NetView with C/370 support and NetView with LE/370 support on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both NetView with C/370 support and NetView with LE/370 support the same target and distribution zones, some features will not install correctly.

## 1.3.1 TME 10 NetView for OS/390 Version 1 Release 2 Installation Options

When you ordered TME 10 NetView for OS/390 Version 1 Release 2 you specified an appropriate option pertaining to the environment where you planned to use the product. The installation options are:

- Unattended
- Procedural
- Graphical Enterprise

The Unattended, Procedural, or Graphical Enterprise option was ordered through the use of unique feature numbers which specified the installation option as well as the High Level Language environments of C/370 or LE/370. For the Unattended option, if you are not planning on using a High Level Language, then either environment is fine but the media feature codes specify one or the other. The standalone PL/I product is included in the C/370 High Level Language environment and is not compatible with LE/370.

The *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*, provides instructions to set the appropriate installation option during the administration phase of installation.

### 1.3.1.1 TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option

The Graphical Enterprise option provides all of the function of TME 10 NetView for OS/390 Version 1 Release 2, 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 Graphical Enterprise option provides the following functions in support of this environment:

- NetView Management Console
- NetView Graphic Monitor Facility
- NetView Graphic Monitor Facility Host Subsystem
- Session monitor operator panels
- Hardware monitor operator panels
- Resource Object Data Manager (RODM)
- System Network Accounting and Topology Manager (SNATM)
- NetView MultiSystem Manager now included with TME 10 NetView for OS/390 Version 1 Release 2
- OS/390 Automated Operations Network now included with TME 10 NetView for OS/390 Version 1 Release 2

### **1.3.1.2 TME 10 NetView for OS/390 Version 1 Release 2 Procedural Option**

The Procedural option is a subset of the Graphical Enterprise option. It contains all the base NetView function of the Graphical Enterprise option, but does **not** contain the following:

- NetView Management Console
- NetView Graphic Monitor Facility
- NetView Graphic Monitor Facility Host Subsystem
- System Network Accounting and Topology Manager (SNATM)
- NetView MultiSystem Manager now included with TME 10 NetView for OS/390 Version 1 Release 2

Resource Object Data Manager (RODM) is now included in this installation option.

You can install the Procedural option from the Graphical Enterprise option libraries if you have a DSLO license. Refer to *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*, for complete instructions.

### **1.3.1.3 TME 10 NetView for OS/390 Version 1 Release 2 Unattended Option**

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

Resource Object Data Manager (RODM) is now included in this installation option.

You can install the Unattended option from the Graphical Enterprise option libraries or the Procedural option libraries if you have a DSLO license. Refer to *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236* for complete instructions.

## **1.3.2 TME 10 NetView for OS/390 Version 1 Release 2 NLS Options**

When you ordered TME 10 NetView for OS/390 Version 1 Release 2 you specified a language in which you want to run TME 10 NetView for OS/390 Version 1 Release 2. The NLS options for TME 10 NetView for OS/390 Version 1 Release 2 are:

- US English
- Japanese

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

**NLS note**

To install both NetView US English feature and NetView Japanese feature on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both the NetView US English feature and the NetView Japanese feature into the same target and distribution zones, some features will not install correctly.

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## 2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for TME 10 NetView for OS/390 Version 1 Release 2 is 5697-B82.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by TME 10 NetView for OS/390 Version 1 Release 2. Ask your IBM representative for this information if you have not already received a copy.

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### 2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tape (written at 6250 BPI), 3480 cartridge, or 4mm cartridge. The tape or cartridge contains all the programs and data needed for installation. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions" on page 59 for more information about how to install the program.

Figure 2 describes the tape or cartridge. Figure 3 on page 9 describes the file content of the program tape or cartridge.

**Note:** If you are installing TME 10 NetView for OS/390 Version 1 Release 2 using the MVS Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

#### 2.1.1 Unattended Option for LE/370

Figure 2 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Option for LE/370 Japanese. Figure 3 on page 9 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

<i>Figure 2. Unattended Option for LE/370 Japanese Basic Material: Program Tape(s)</i>					
Medium	Feature Number	Physical Volume	External Label Identification		VOLSER
6250 tape	5095	1	U 1/1 VOLSER=JZ8300		JZ8300
3480 cart.	5096	1	U 1/1 VOLSER=JZ8300		JZ8300
4mm tape	5097	1	U 1/1 VOLSER=JZ8300		JZ8300
CDROM			LK3T-9614-00 NetView/390 CDROM		

Figure 3 (Page 1 of 2). Unattended Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

<b>VOLSER</b>	<b>File</b>	<b>Name</b>	<b>Dist Library</b>	<b>RECFM</b>	<b>LRECL</b>	<b>BLK SIZE</b>
JZ8300	1	SMPMCS	N/A	FB	80	8800
JZ8300	2	IBM.HPZ8300.F1	ACNMMAC1	FB	80	8800
JZ8300	3	IBM.HPZ8300.F2	ACNMINST	FB	80	8800
JZ8300	4	IBM.HPZ8300.F3	ACNMLINK ANVULIB	U	0	6144
JZ8300	5	IBM.HPZ8300.F4	ABNJPNL2 ACNMCLST ACNMPNL1 ACNMSAMP ADSIMSG1 ADSIOPEN ADSIPARM ADSIPRF ADUIMSG1	FB	80	8800
JZ8300	6	IBM.HPZ8300.F5	AEGVPS21	VB	256	6148
JZ8300	7	IBM.HPZ8300.F6	AEKGMOD1	U	0	6144
JZ8300	8	IBM.HPZ8300.F7	AEKGCAS1 AEKGLUTB AEKGSMP1	FB	80	8800
JZ8300	9	IBM.JPZ8303.F1	ACNMMAC1	FB	80	8800
JZ8300	10	IBM.JPZ8303.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	11	IBM.JPZ8305.F1	ACNMMAC1	FB	80	8800
JZ8300	12	IBM.JPZ8305.F2	ACNMMJPN	U	0	6144
JZ8300	13	IBM.JPZ8305.F3	AEKGLANG	FB	125	3125
JZ8300	14	IBM.JPZ8305.F4	ABNJPNL2 ABNJPNL3 ACNMPNL2 AEKGPLN2 ADSIMSG1	FB	80	8800
JZ8300	15	IBM.JPZ8305.F5	AEGVPS21 AEGVPS22	VB	256	6148
JZ8300	16	IBM.JPZ8306.F1	ACNMMAC1	FB	80	8800
JZ8300	17	IBM.JPZ8306.F2	AEKGSMP1	FB	80	8800
JZ8300	18	IBM.JPZ8306.F3	AEKGMOD1	U	0	6144
JZ8300	19	IBM.JPZ8307.F1	ACNMMAC1	FB	80	8800

Figure 3 (Page 2 of 2). Unattended Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	20	IBM.JPZ8307.F2	ACNMUXLK	U	0	6144
JZ8300	21	IBM.JPZ8307.F3	ACNMUXCL	VB	516	8256
JZ8300	22	IBM.JPZ8307.F4	ACNMUXMS	FB	80	8800

## 2.1.2 Procedural Option for LE/370

Figure 4 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 2 Procedural Option for LE/370 Japanese. Figure 5 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

**Note:** The Automated Operation Network component is included in the TME 10 NetView for OS/390 Version 1 Release 2 Procedural Option.

Figure 4. Procedural Option for LE/370 Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5089	1	P 1/2 VOLSER=JZ8300	JZ8300
6250 tape	5089	2	P 2/2 VOLSER=JZ8320	JZ8320
3480 cart.	5090	1	P 1/2 VOLSER=JZ8300	JZ8300
3480 cart.	5090	2	P 2/2 VOLSER=JZ8320	JZ8320
4mm tape	5091	1	P 1/2 VOLSER=JZ8300	JZ8300
4mm tape	5091	2	P 2/2 VOLSER=JZ8320	JZ8320
CDROM			LK3T-9614-00 NetView/390 CDROM	

Figure 5 (Page 1 of 3). Procedural Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	1	SMPMCS	N/A	FB	80	8800
JZ8300	2	IBM.HPZ8300.F1	ACNMMAC1	FB	80	8800
JZ8300	3	IBM.HPZ8300.F2	ACNMINST	FB	80	8800
JZ8300	4	IBM.HPZ8300.F3	ACNMLINK ANVULIB	U	0	6144



Figure 5 (Page 2 of 3). Procedural Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

<b>VOLSER</b>	<b>File</b>	<b>Name</b>	<b>Dist Library</b>	<b>RECFM</b>	<b>LRECL</b>	<b>BLK SIZE</b>
JZ8300	5	IBM.HPZ8300.F4	ABNJPNL2 ACNMCLST ACNMPNL1 ACNMSAMP ADSIMSG1 ADSIOPEN ADSIPARM ADSIPRF ADUIMSG1	FB	80	8800
JZ8300	6	IBM.HPZ8300.F5	AEGVPS21	VB	256	6148
JZ8300	7	IBM.HPZ8300.F6	AEKGMOD1	U	0	6144
JZ8300	8	IBM.HPZ8300.F7	AEKGCAS1 AEKGLUTB AEKGSMP1	FB	80	8800
JZ8300	9	IBM.JPZ8303.F1	ACNMMAC1	FB	80	8800
JZ8300	10	IBM.JPZ8303.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	11	IBM.JPZ8305.F1	ACNMMAC1	FB	80	8800
JZ8300	12	IBM.JPZ8305.F2	ACNMMJPN	U	0	6144
JZ8300	13	IBM.JPZ8305.F3	AEKGLANG	FB	125	3125
JZ8300	14	IBM.JPZ8305.F4	ABNJPNL2 ABNJPNL3 ADSIMSG1 ACNMPNL2 AEKGPNL2	FB	80	8800
JZ8300	15	IBM.JPZ8305.F5	AEGVPS21 AEGVPS22	VB	256	6148
JZ8300	16	IBM.JPZ8306.F1	ACNMMAC1	FB	80	8800
JZ8300	17	IBM.JPZ8306.F2	AEKGSMP1	FB	80	8800
JZ8300	18	IBM.JPZ8306.F3	AEKGMOD1	U	0	6144
JZ8300	19	IBM.JPZ8307.F1	ACNMMAC1	FB	80	8800
JZ8300	20	IBM.JPZ8307.F2	ACNMUXLK	U	0	6144
JZ8300	21	IBM.JPZ8307.F3	ACNMUXCL	VB	516	8256
JZ8300	22	IBM.JPZ8307.F4	ACNMUXMS	FB	80	8800
JZ8320	1	SMPMCS	N/A	FB	80	8800

Figure 5 (Page 3 of 3). Procedural Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8320	2	IBM.JPZ8320.F1	ACNMSAMP ADSIPARM ACNMMAC1	FB	80	8800
JZ8320	3	IBM.JPZ8320.F2	AEZLINST	FB	80	8800
JZ8320	4	IBM.JPZ8320.F3	AEZLLINK	U	0	6144
JZ8320	5	IBM.JPZ8320.F4	AEZLCLST AEZLSAMP AEZLPNLU ADSIPARM ADSIPRF	FB	80	8800
JZ8320	6	IBM.JPZ8320.F5	AEGVPS21	VB	256	6148
JZ8320	7	IBM.JPZ8325.F1	ABNJPNL2 ABNJPNL3 ACNMPNL1 ACNMSAMP	FB	80	8800

### 2.1.3 Graphical Enterprise Installation Option for LE/370

Figure 6 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option for LE/370 Japanese. Figure 7 on page 13 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

**Note:** The MultiSystem Manager component is included in the TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.

Figure 6 (Page 1 of 2). Graphical Enterprise Option for LE/370 Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5083	1	E 1/4 VOLSER=JZ8300	JZ8300
6250 tape	5083	2	E 2/4 VOLSER=JZ8320	JZ8320
6250 tape	5083	3	E 3/4 VOLSER=JZ8340	JZ8340
6250 tape	5083	4	E 4/4 VOLSER=JZ8355	JZ8355
3480 cart.	5084	1	E 1/4 VOLSER=JZ8300	JZ8300

Figure 6 (Page 2 of 2). Graphical Enterprise Option for LE/370 Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
3480 cart.	5084	2	E 2/4 VOLSER=JZ8320	JZ8320
3480 cart.	5084	3	E 3/4 VOLSER=JZ8340	JZ8340
3480 cart.	5084	4	E 4/4 VOLSER=JZ8355	JZ8355
4mm tape	5085	1	E 1/4 VOLSER=JZ8300	JZ8300
4mm tape	5085	2	E 2/4 VOLSER=JZ8320	JZ8320
4mm tape	5085	3	E 3/4 VOLSER=JZ8340	JZ8340
4mm tape	5085	4	E 4/4 VOLSER=JZ8355	JZ8355
CDROM			LK3T-9614-00 NetView/390 CDROM	

Figure 7 (Page 1 of 3). Graphical Enterprise Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	1	SMPMCS	N/A	FB	80	8800
JZ8300	2	IBM.HPZ8300.F1	ACNMMAC1	FB	80	8800
JZ8300	3	IBM.HPZ8300.F2	ACNMINST	FB	80	8800
JZ8300	4	IBM.HPZ8300.F3	ACNMLINK ANVULIB	U	0	6144
JZ8300	5	IBM.HPZ8300.F4	ABNJPNL2 ACNMCLST ACNMPNL1 ACNMSAMP ADSIMSG1 ADSIOPEN ADSIPARM ADSIPRF ADUIMSG1	FB	80	8800
JZ8300	6	IBM.HPZ8300.F5	AEGVPS21	VB	256	6148
JZ8300	7	IBM.HPZ8300.F6	AEKGMOD1	U	0	6144
JZ8300	8	IBM.HPZ8300.F7	AEKGCAS1 AEKGLUTB AEKGSMP1	FB	80	8800
JZ8300	9	IBM.JPZ8303.F1	ACNMMAC1	FB	80	8800
JZ8300	10	IBM.JPZ8303.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	11	IBM.JPZ8305.F1	ACNMMAC1	FB	80	8800

Figure 7 (Page 2 of 3). Graphical Enterprise Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

<b>VOLSER</b>	<b>File</b>	<b>Name</b>	<b>Dist Library</b>	<b>RECFM</b>	<b>LRECL</b>	<b>BLK SIZE</b>
JZ8300	12	IBM.JPZ8305.F2	ACNMMJPN	U	0	6144
JZ8300	13	IBM.JPZ8305.F3	AEKGLANG	FB	125	3125
JZ8300	14	IBM.JPZ8305.F4	ABNJPNL2 ABNJPNL3 ADSIMSG1 ACNMPNL2 AEKGPL2	FB	80	8800
JZ8300	15	IBM.JPZ8305.F5	AEGVPS21 AEGVPS22	VB	256	6148
JZ8300	16	IBM.JPZ8306.F1	ACNMMAC1	FB	80	8800
JZ8300	17	IBM.JPZ8306.F2	AEKGSMP1	FB	80	8800
JZ8300	18	IBM.JPZ8306.F3	AEKGMOD1	U	0	6144
JZ8300	19	IBM.JPZ8307.F1	ACNMMAC1	FB	80	8800
JZ8300	20	IBM.JPZ8307.F2	ACNMUXLK	U	0	6144
JZ8300	21	IBM.JPZ8307.F3	ACNMUXCL	VB	516	8256
JZ8300	22	IBM.JPZ8307.F4	ACNMUXMS	FB	80	8800
JZ8320	1	SMPMCS	N/A	FB	80	8800
JZ8320	2	IBM.JPZ8320.F1	ACNMSAMP ADSIPARM ACNMMAC1	FB	80	8800
JZ8320	3	IBM.JPZ8320.F2	AEZLINST	FB	80	8800
JZ8320	4	IBM.JPZ8320.F3	AEZLLINK	U	0	6144
JZ8320	5	IBM.JPZ8320.F4	AEZLCLST AEZLSAMP AEZLPNLU ADSIPARM ADSIPRF	FB	80	8800
JZ8320	6	IBM.JPZ8320.F5	AEGVPS21	VB	256	6148
JZ8320	7	IBM.JPZ8325.F1	ABNJPNL2 ABNJPNL3 ACNMPNL2 ACNMSAMP	FB	80	8800
JZ8340	1	SMPMCS	N/A	FB	80	8800
JZ8340	2	IBM.JPZ8340.F1	ACNMMAC1	FB	80	8800
JZ8340	3	IBM.JPZ8340.F2	ACNMLINK	U	0	6144

Figure 7 (Page 3 of 3). Graphical Enterprise Option for LE/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

<b>VOLSER</b>	<b>File</b>	<b>Name</b>	<b>Dist Library</b>	<b>RECFM</b>	<b>LRECL</b>	<b>BLK SIZE</b>
JZ8340	4	IBM.JPZ8340.F3	ACNMCLST ACNMSAMP ADSIPARM ADSIPRF	FB	80	8800
JZ8340	5	IBM.JPZ8340.F4	AEGVPS21	VB	256	6148
JZ8340	6	IBM.JPZ8340.F5	AFLBDAT1	VB	1028	23648
JZ8340	7	IBM.JPZ8345.F1	AEGVPS21 AEGVPS22	VB	256	6148
JZ8340	8	IBM.JPZ8346.F1	ACNMMAC1	FB	80	8800
JZ8340	9	IBM.JPZ8346.F2	ACNMSAMP	FB	80	8800
JZ8340	10	IBM.JPZ8346.F3	ACNMLINK	U	0	6144
JZ8340	11	IBM.H23H100.F1		FB	80	8800
JZ8340	12	IBM.H23H100.F2	AIHSMOD1	U	0	6144
JZ8340	13	IBM.H23H100.F3	AIHSSMP1	FB	80	8800
JZ8355	1	SMPMCS	N/A	FB	80	8800
JZ8355	2	IBM.JPZ8355.F1	AEGVPS21 AEGVPS22	VB	256	6148

## 2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for TME 10 NetView for OS/390 Version 1 Release 2.

## 2.3 Program Publications

The following sections identify the basic and optional publications for TME 10 NetView for OS/390 Version 1 Release 2.

### 2.3.1 Basic Program Publications

Figure 9 on page 16 identifies the basic unlicensed program publications for TME 10 NetView for OS/390 Version 1 Release 2. One copy of each of these publications is included when you order the basic materials for TME 10 NetView for OS/390 Version 1 Release 2. For additional copies, contact your IBM representative.

Figure 8. Basic Material: Licensed Publications

<b>Publication Title</b>	<b>Form Number</b>
<i>TME 10 NetView for OS/390 Diagnosis Guide</i>	LY43-0108
<i>TME 10 NetView for OS/390 Online Library on CD-ROM</i>	LK2T-9133

Figure 9 (Page 1 of 2). Basic Material: Unlicensed Publications

<b>Publication Title</b>	<b>Form Number</b>
<i>TME 10 NetView for OS/390 Licensed Program Specifications</i>	GC31-8235
<i>TME 10 NetView for OS/390 Administration Reference</i>	SC31-8222
<i>TME 10 NetView for OS/390 Security Reference</i>	SC31-8606
<i>TME 10 NetView for OS/390 Installation and Administration Guide</i>	SC31-8236
<i>TME 10 NetView for OS/390 Planning Guide</i>	GC31-8226
<i>TME 10 NetView for OS/390 User's Guide</i>	GC31-8241
<i>TME 10 NetView for OS/390 Tuning Guide*</i>	SC31-8240
<i>TME 10 NetView for OS/390 Tutorial</i>	SK2T-6097
<i>TME 10 NetView for OS/390 Application Programming Guide</i>	SC31-8223
<i>TME 10 NetView for OS/390 Automation Guide</i>	SC31-8225
<i>TME 10 NetView for OS/390 Command Reference</i>	SC31-8227
<i>TME 10 NetView for OS/390 Messages</i>	SC31-8237
<i>TME 10 NetView for OS/390 Customization Guide</i>	SC31-8228
<i>TME 10 NetView for OS/390 Customization: Using Assembler</i>	SC31-8229
<i>TME 10 NetView for OS/390 Customization: Using PL/I and C</i>	SC31-8230
<i>TME 10 NetView for OS/390 Customization: Using REXX and the NetView Command List Language</i>	SC31-8231
<i>TME 10 NetView for OS/390 Data Model Reference</i>	SC31-8232
<i>TME 10 NetView for OS/390 RODM &amp; GMFHS Programming Guide</i>	SC31-8233
<i>TME 10 NetView for OS/390 Bridge Implementation</i>	SC31-8238
<i>TME 10 NetView for OS/390 Customization: Using Pipes</i>	SC31-8248
<i>TME 10 NetView for OS/390 AON User's Guide</i>	GC31-8661
<i>TME 10 NetView for OS/390 AON Customization Guide</i>	SC31-8662
<i>TME 10 NetView for OS/390 APPN Topology and Accounting Agent</i>	SC31-8224
<i>TME 10 NetView for OS/390 NGMF User's Guide</i>	GC31-8234
<i>TME 10 NetView for OS/390 SNA Topology Implementation</i>	SC31-8239

*Figure 9 (Page 2 of 2). Basic Material: Unlicensed Publications*

<b>Publication Title</b>	<b>Form Number</b>
<i>TME 10 NetView for OS/390 NetView Management Console User's Guide</i>	GC31-8665
<i>TME 10 NetView for OS/390 MultiSystem Manager User's Guide</i>	GC31-8607
* When available	

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## 2.4 Other Materials

*Figure 10. Materials Useful During Installation*

<b>Publication Title</b>	<b>Form Number</b>
<i>TME 10 NetView for OS/390 Version 1 Release 2 Online Help</i>	Softcopy
<i>TME 10 NetView for OS/390 Version 1 Release 2 Demonstration</i>	Softcopy

Additional TME 10 NetView for OS/390 Version 1 Release 2 reference material can be located as follows:

- For an overview of Tivoli network computing products, and a link to the TME 10 NetView for OS/390 Version 1 Release 2 home page, visit the following Internet World-Wide Web site(s):  
<http://www.tivoli.com/>  
and  
[http://www.tivoli.com/n\\_nv390/nv390home.html](http://www.tivoli.com/n_nv390/nv390home.html)
- To access TME 10 NetView for OS/390 Version 1 Release 2 tools that can be downloaded, visit the following Web site:  
[http://www.tivoli.com/z\\_nv390/tools.html](http://www.tivoli.com/z_nv390/tools.html)

Additional TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager reference material can be located as follows:

- The FLCVREAD member in NETVIEW.V1R2M0.CNMSAMP provides information on setup and use of the BLDVIEWS application and also provides instructions for accessing MultiSystem Manager informal documentation.
- To learn more about TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager and view sample graphic displays visit the following Web site:  
[http://www.tivoli.com/o\\_products/html/body\\_man\\_dist\\_env.html](http://www.tivoli.com/o_products/html/body_man_dist_env.html)
- Documentation and tools for building a MultiSystem Manager Open Topology Interface agent application can be uploaded from an Internet Web browser by pointing to the TME 10 NetView for OS/390 Version 1 Release 2 Tools Download page at:  
[http://www.tivoli.com/z\\_nv390/tools.html](http://www.tivoli.com/z_nv390/tools.html)  
and then selecting downloads from the MSMTOOLK package.
- The following documentation and tools will help you create workstation-based MultiSystem Manager topology agents:
  - *TME 10 NetView for OS/390 MultiSystem Manager: Topology Agents Developer's Toolkit*
  - *TME 10 NetView for OS/390 MultiSystem Manager: Topology Agents Developer's Guide*
  - *TME 10 NetView for OS/390 MultiSystem Manager: Sample Topology Agent*
  - *TME 10 NetView for OS/390 MultiSystem Manager: Topology Application Developer's Flowchart*
  - *TME 10 NetView for OS/390 MultiSystem Manager: Sample MVS Topology Manager*



- Tools and selected patches for MultiSystem Manager agents can be downloaded from an FTP site. Use the ANONYMOUS password at:  
ftp://ftp.tivoli.com/  
and look in the following directory:  
ftp://ftp.tivoli.com/pub/support/netview390/msm/  
Files can also be uploaded from this FTP site by pointing your Web browser at:  
ftp://ftp.tivoli.com/pub/support/netview390/msm/  
opening a file and saving it to disk.

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## 2.5 Program Source Materials

No program source materials or viewable program listings are provided for TME 10 NetView for OS/390 Version 1 Release 2.

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## 2.6 Publications Useful During Installation

<i>Figure 11. Publications Useful During Installation</i>	
<b>Publication Title</b>	<b>Form Number</b>
<i>SMP/E: Messages and Codes</i>	SC28-1108
<i>MVS Custom-Built Offering Planning and Installation</i>	SC23-0352
<i>SMP/E Reference</i>	SC28-1107
<i>SMP/E User's Guide</i>	SC28-1302
<i>IBM Communications Manager Configuration Guide</i>	S04G-1002

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## 3.0 Program Support

This section describes the IBM support available for TME 10 NetView for OS/390 Version 1 Release 2.

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### 3.1 Program Services

Contact your IBM representative for specific information about available program services.

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### 3.2 Preventive Service Planning

Before installing TME 10 NetView for OS/390 Version 1 Release 2, you should review the current Preventive Service Planning (PSP) information. If you obtained TME 10 NetView for OS/390 Version 1 Release 2 as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO tape.

If you obtained TME 10 NetView for OS/390 Version 1 Release 2 on a product tape, or if the CBPDO is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for TME 10 NetView for OS/390 Version 1 Release 2 are:

*Figure 12. PSP Upgrade and Subset ID*

UPGRADE	SUBSET	Description
TME10NETV120	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307	Unattended Option LE/370
TME10NETV120	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325	Procedural Option LE/370
TME10NETV120	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355	Graphical Enterprise Option LE/370
TME10GEM100	H23H100	Graphical Enterprise Option LE/370

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### 3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 13 on page 21 identifies the component IDs (COMPID) for TME 10 NetView for OS/390 Version 1 Release 2.

<i>Figure 13. Component IDs</i>			
<b>FMID</b>	<b>COMPID</b>	<b>Component Name</b>	<b>RETAIN Release</b>
HPZ8300	5697B8200	NetView Unattended Base	300
JPZ8303	5697B8200	NetView Unattended LE/370	303
JPZ8305	5697B8200	NetView Unattended Japanese	305
JPZ8306	5697B8200	NetView Unattended Methods	306
JPZ8307	5697B8200	NetView OS/390 UNIX Services Related Components	307
JPZ8320	5697B8200	NetView Procedural Base	320
JPZ8325	5697B8200	NetView Procedural Japanese	325
HPZ8330	5697B8202	NetView C Runtime Language	330
JPZ8340	5697B8200	NetView Graphical Enterprise Base	340
JPZ8345	5697B8200	NetView Graphical Enterprise Japanese	345
JPZ8346	5697B8200	NetView Graphical Enterprise Methods	346
JPZ8355	5697B8200	NetView Graphical Enterprise Workstation Japanese	355
H23H100	5697B8300	TPServer	100

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## **4.0 Program and Service Level Information**

This section identifies the program and any relevant service levels of TME 10 NetView for OS/390 Version 1 Release 2. 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.

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### **4.1 Program Level Information**

Appendix B, "Program Level Information" on page 185 lists the APAR fixes for previous releases of NetView that have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2.

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### **4.2 Service Level Information**

No PTFs against this release of TME 10 NetView for OS/390 Version 1 Release 2 have been incorporated into the product tape.

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### **4.3 Cumulative Service Tape**

A cumulative service tape, containing PTFs not incorporated into this release, might be included with this program. Installation instructions for cumulative service tapes can be found in the SMP/E publications.

If you received this product as part of a CBPDO or a ProductPac, PTFs not incorporated into this release are provided on the tape, and a separate cumulative service tape will not be provided.

---

## 5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating TME 10 NetView for OS/390 Version 1 Release 2. The following terminology is used:

- *Driving system*: the system used to install the program.
- *Target system*: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able copy of the running system. The clone should include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product will delete the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.
- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone will allow you to assess these impacts without disrupting your production system.

Figure 14 shows the Unattended High Level Language options and their components.

<i>Figure 14. High Level Language Options for Unattended</i>		
<b>High Level Language Ordering Option</b>	<b>Components</b>	<b>FMIDs</b>
Unattended LE/370	NetView Unattended Base	HPZ8300
	NetView Unattended LE/370	JPZ8303
	NetView Unattended Japanese	JPZ8305
	NetView Unattended Methods	JPZ8306
	NetView OS/390 Unix Services	JPZ8307
	Related Components	

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### 5.1 Driving System Requirements

This section describes the environment of the driving system required to install TME 10 NetView for OS/390 Version 1 Release 2.

#### 5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

## 5.1.2 Programming Requirements

Figure 15. Driving System Software Requirements

Program Number	Product Name and Minimum VRM/Service Level
5668-949	System Modification Program/Extended (SMP/E) Release 1.8 or higher
5655-068	MVS/ESA SP-JES2 Version 5 Release 2.2 or higher or
5655-069	MVS/ESA SP-JES3 Version 5 Release 2.2 or higher

**Note:** If you are installing optional feature JPZ8307 you must have the Openedition(OE) component of 5.2.2 installed and active or Unix must be active in the OS/390 environment.

## 5.2 Target System Requirements

This section describes the environment of the target system required to install and use TME 10 NetView for OS/390 Version 1 Release 2.

### 5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

### 5.2.2 Programming Requisites

#### 5.2.2.1 Minimum Requisites

A minimum requisite is defined as one of the following:

1. *Installation Requisite:* A product that is required at installation time. i.e. this product **will not install** successfully unless this requisite is met. This includes products that are specified as REQs, PREs, or CALLLIBs.
2. *Run Time Requisite:* A product that is **not** required for the successful installation of this product, but **is** needed at run time in order for this product to work.

Figure 16 (Page 1 of 2). Minimum Requisites

Program Number	Product Name and Minimum VRM/Service Level	Install Req?
5655-068	MVS/ESA SP-JES2 Version 5 Release 2.2 or higher	Yes
Or		
5655-069	MVS/ESA SP-JES3 Version 5 Release 2.2 or higher	Yes
And <b>all</b> of the following:		

Figure 16 (Page 2 of 2). Minimum Requisites

Program Number	Product Name and Minimum VRM/Service Level	Install Req?
5685-085	ACF/VTAM Version 4 Release 3 for MVS/ESA or later	Yes
5668-854	ACF/NCP Version 4 or later	Yes
5685-025	TSO/E Version 2 Release 5 or later (for REXX interpreter)	Yes
5668-949	SMP/E Release 8 or later	Yes
5688-198	IBM Language Environment for MVS & VM Release 5 or higher	Yes
Note: If installing optional FMID JPZ8307 you must have the OpenEdition(OE) component of MVS 5.2.2 installed and active, or UNIX must be active in the OS/390 environment.		

### 5.2.2.2 Functional Requisites

A functional requisite is defined as a product that is *not* required for the successful installation of this product or for the base function of the product, but *is* needed at run time for a specific function of this product to work. This includes products that are specified as IF REQs.

Figure 17 (Page 1 of 2). Functional Requisites for AON

Function	Program Number	Product Name and Minimum VRM/Service Level	Install Req?
Compile AON REXX Clists	5695-014	IBM Compiler for SAA REXX/370 R3	run
Set Automation In Progress Status	5697-B82	TME 10 for OS/390 MultiSystem Manager	run
AON Reporting Facility	5668-911	PL/I V2 Runtime Libraries	run
AON Reporting Facility	5668-911	PL/I V2 Compiler and Libraries	run
TCP Automation	5655-HAL	IBM TCP/IP for MVS/ESA V3R2 with PTF UQ17350 or higher	run
TCP Automation	5621-107 - 5765-247 - 5765-582	AIX NetView Service Point V1R2.2. with PTF U440307, or AIX SNA Server/6000 V2.2 with PTF U440318, or AIX SNA Server/6000 V3.1 for AIX V4	run

Figure 17 (Page 2 of 2). Functional Requisites for AON

Function	Program Number	Product Name and Minimum VRM/Service Level	Install Req?
LAN Automation	5871-AAA, 7801	LAN NetWork Manager 2.0 with CSD UR44997	run
LAN Automation	74F5-538	LNM 1.1 with PTFs UR40623 for LNM and UR40624 for LNM/E	run
LAN Automation	5871-AAA, 6485	Communications Manager/2 with SPA and ROPs and PTFs JR07896 & JR07726	run
And any <b>one</b> of the following:			
	5695-014	IBM Library for SAA* REXX/370 Release 3 (FMID HWJ9130)	No
		REXX Alternate Library (FMID HWJ9133) US English shipped with TME 10 NetView for OS/390	No
		(REXX Alternate Library (FMID JWJ9134) Japan Japanese and REXX Alternate Library (FMID HWJ9133) US English)	No

**Notes:**

1. If you are running AON LAN Automation feature with LNM 2.0 with MultiPort Bridges in your network, your MultiPort Bridges must be running RouteXpander V2.0.4 (or later) with MultiPort Program Support CSD IP20407.
2. The IBM Compiler for SAA REXX/370 R3(or higher) is required at runtime for NetView and Automated Operations Network(AON) REXX Command Lists.
3. The REXX programs for MultiSystem Manager have been compiled with the ALTERNATE option. If you access the REXX library from NetView, the MultiSystem Manager REXX programs are run in compiled mode. Otherwise, the REXX alternate library is used and the MultiSystem Manager REXX programs are run in interpreted mode.

Your MVS environment must be modified so that the REXX data set you are using (either SEAGLMD or SEAGALT) is APF-authorized. Edit your APF member in SYS1.PARMLIB and add the REXX data set (SEAGLMD or SEAGALT) if it is not already there. Re-IPL MVS if necessary. If your system is set up to use dynamic APF services, you can avoid re-IPLing MVS by using the SETPROG command to dynamically update the APF list. Refer to the Initialization and Tuning Reference for your MVS system for more information on authorizing datasets.



- The REXX program which starts the TSO server from NetView has been compiled with the ALTERNATE option. If you access the REXX library from NetView, this program is run in compiled mode. Otherwise, the REXX alternate library is used and the program is run in interpreted mode.

The TSO server jobs themselves are batch TSO jobs which should be set up to access the REXX library so that the TSO server REXX program will run in compiled mode. Otherwise, the REXX alternate library is used and the server will run in interpreted mode.

- The UNIX server REXX programs have been compiled with the ALTERNATE option. If the REXX library is accessed from UNIX/390, the UNIX server REXX programs are run in compiled mode. Otherwise, the REXX alternate library is used and the UNIX server programs are run in interpreted mode.

### 5.2.3 DASD Storage Requirements

TME 10 NetView for OS/390 Version 1 Release 2 libraries can reside on 3390 DASD.

Figure 18 lists the total space required for each type of library.

<i>Figure 18. Total DASD Space Required by TME 10 NetView for OS/390 Version 1 Release 2</i>	
<b>Library Type</b>	<b>Total Space Required</b>
Target	478 cyls.
Distribution	495 cyls.

#### Notes:

- The data set sizes specified contain 15% extra space. You may wish to revise these numbers based on your plans for adding additional function or service.
- IBM recommends use of system determined blocksizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a blocksize of 32760, which is the most efficient from a performance and DASD utilization perspective.

If you choose not to use system determined blocksizes, use the blocksizes and numbers of blocks specified to allocate the data sets. Data sets can be reblocked to a larger size. Please note that the maximum allowable blocksize will depend on the type of DASD on which the dataset will reside; for example, the blocksize of datasets on a 3350 DASD cannot exceed 19,069.

- Abbreviations used for the data set type are:

- U** Unique data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.
- S** Shared data set used by more than the FMIDs listed. In order to determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old one and reclaim the space used by the old release and any service that had been installed. You can determine whether or not these libraries have enough space by deleting the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information on the names and sizes of the required data sets, please refer to 6.1.6, "Allocate SMP/E Target and Distribution Libraries" on page 105.

Figure 19 on page 29 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 19. Storage Requirements for SMPCSI Data Sets for SMP/E for TME 10 NetView for OS/390 Version 1 Release 2 Unattended

DASD	Cylinders Required for SMPCSI Data	Tracks Required for SMPCSI Index
3390	120	90

Figure 20. Storage Requirements for SMP/E Work Data Sets

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SMPWRK1	S	PO	FB	80	300,150	6160	15
SMPWRK2	S	PO	FB	80	600,200	6160	15
SMPWRK3	S	PO	FB	80	1200,400	3200	90
SMPWRK4	S	PO	FB	80	1800,200	3200	15
SMPWRK6	S	PO	FB	80	6000,600	3200	350
SYSUT1	U	PS	--	--	900,200	1700	0
SYSUT2	U	PS	--	--	600,100	1700	0
SYSUT3	U	PS	--	--	600,100	1700	0
SYSUT4	U	PS	--	--	600,100	1700	0

The following table provides an estimate of the storage needed in the SMP/E data sets for TME 10 NetView for OS/390 Version 1 Release 2. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 21. Storage Requirements for SMP/E Data Sets

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SMPLTS	S	PO	U	0	5000,100	6144	50
SMPMTS	S	PO	FB	80	40,10	8800	25
SMPPTS	S	PO	FB	80	400,10	8800	25
SMPSCDS	S	PO	FB	80	300,10	8800	200
SMPSTS	S	PO	FB	80	40,10	8800	25

The following figures list the target and distribution libraries (data sets) and their attributes required to install TME 10 NetView for OS/390 Version 1 Release 2. The storage requirements of TME 10 NetView for OS/390 Version 1 Release 2 must be added to the storage required by other programs having data in the same data set (library).

Figure 22 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2  
Unattended Target Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
SBNJPNL3	EU	PO	FB	80	93	8800	1
BNJPNL2	EU	PO	FB	80	6	8800	1
CNMCLST	EU	PO	FB	80	647	8800	15
CNMINST	EU	PO	FB	80	74	8800	3
CNMLINK	EU	PO	U	0	2938	6144	145
CNMPNL1	EU	PO	FB	80	28	8800	1
CNMSAMP	EU	PO	FB	80	663	8800	20
DSIPARM	EU	PO	FB	80	106	8800	5
DSIPRF	EU	PO	FB	80	7	8800	1
SDSIOPEN	EU	PO	FB	80	8	8800	1
SEGVPS21	EU	PO	VB	256	5066	6148	3
SEKGMOD1	EU	PO	U	0	401	6144	6
SEKGMOD2	EU	PO	U	0	122	6144	3
SEKGLNK1	EU	PO	U	0	5	6144	1
SEKGLUTB	EU	PO	FB	80	1	8800	1
SEKGCAS1	EU	PO	FB	80	1	8800	1
SEKGLANG	EU	PO	FB	125	15	3125	1
SEKGSMP1	EU	PO	FB	80	360	8800	7
SEKGPNL2	EU	PO	FB	80	13	8800	2
SCNMMAC1	NU	PO	FB	80	714	8800	13
NVULIB	EU	PO	U	0	29	6144	6
SCNMLNK1	EU	PO	U	0	2	6144	1
SCNMLPA1	EU	PO	U	0	7	6144	2
SDSIMSG1	EU	PO	FB	80	58	8800	1
SDUIMSG1	EU	PO	FB	80	5	8800	1
SCNMPNL2	EU	PO	FB	80	34	8800	1
SEGVPS22	EU	PO	VB	256	32	6148	1
SCNMMJPN	EU	PO	U	0	70	6144	10
SCNMUXLK	NU	PO	U	0	430	6144	1

Figure 22 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Target Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E F M</b>	<b>L R C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
SCNMUXCL	NU	PO	VB	516	92	8256	1
SCNMUXMS	NU	PO	FB	80	37	8800	1

Figure 23. Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Distribution Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
ABNJPNL3	EU	PO	FB	80	93	8800	1
ABNJPNL2	EU	PO	FB	80	6	8800	1
ACNMCLST	EU	PO	FB	80	635	8800	15
ACNMINST	EU	PO	FB	80	74	8800	3
ACNMLINK	EU	PO	U	0	4819	6144	547
ACNMPNL1	EU	PO	FB	80	35	8800	1
ACNMSAMP	EU	PO	FB	80	608	8800	20
ADSIPARM	EU	PO	FB	80	106	8800	5
ADSIPRF	EU	PO	FB	80	7	8800	1
ADSIOPEN	EU	PO	FB	80	8	8800	1
AEGVPS21	EU	PO	VB	256	5066	6148	3
ADSIMSG1	EU	PO	FB	80	58	8800	1
ADUIMSG1	EU	PO	FB	80	5	8800	1
AEKGMOD1	EU	PO	U	0	626	6144	58
AEKGLUTB	EU	PO	FB	80	1	8800	1
AEKGCAS1	EU	PO	FB	80	1	8800	1
AEKGLANG	EU	PO	FB	125	15	3125	1
AEKGSMP1	EU	PO	FB	80	360	8800	7
AEKGPNL2	EU	PO	FB	80	13	8800	2
ACNMMAC1	NU	PO	FB	80	714	8800	13
ANVULIB	EU	PO	U	0	29	6144	6
ACNMPNL2	EU	PO	FB	80	28	8800	1
AEGVPS22	EU	PO	VB	256	32	6148	1
ACNMMJPN	EU	PO	U	0	71	6144	8
ACNMUXLK	NU	PO	U	0	418	6144	1
ACNMUXCL	NU	PO	VB	516	96	8256	1
ACNMUXMS	NU	PO	FB	80	37	8800	1

Figure 24 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2  
Procedural Target Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
SBNJPNL3	EU	PO	FB	80	2263	8800	232
BNJPNL2	EU	PO	FB	80	46	8800	5
CNMCLST	EU	PO	FB	80	647	8800	15
CNMINST	EU	PO	FB	80	74	8800	3
CNMLINK	EU	PO	U	0	2938	6144	145
CNMPNL1	EU	PO	FB	80	28	8800	1
CNMSAMP	EU	PO	FB	80	1562	8800	20
DSIPARM	EU	PO	FB	80	377	8800	15
DSIPRF	EU	PO	FB	80	8	8800	1
SDSIOPEN	EU	PO	FB	80	8	8800	1
SEGVPS21	EU	PO	VB	256	5128	6148	3
SEKGMOD1	EU	PO	U	0	401	6144	6
SEKGMOD2	EU	PO	U	0	122	6144	3
SEKGLNK1	EU	PO	U	0	5	6144	1
SEKGLUTB	EU	PO	FB	80	1	8800	1
SEKGCAS1	EU	PO	FB	80	1	8800	1
SEKGLANG	EU	PO	FB	125	15	3125	1
SEKGSMP1	EU	PO	FB	80	360	8800	7
SEKGPNL2	EU	PO	FB	80	13	8800	2
SCNMMAC1	NU	PO	FB	80	714	8800	13
NVULIB	EU	PO	U	0	29	6144	6
SCNMLNK1	EU	PO	U	0	2	6144	1
SCNMLPA1	EU	PO	U	0	7	6144	2
SDSIMSG1	EU	PO	FB	80	58	8800	1
SDUIMSG1	EU	PO	FB	80	5	8800	1
SEGVPS22	EU	PO	VB	256	32	6148	1
SCNMPNL2	EU	PO	FB	80	2855	8800	126
SCNMMJPN	EU	PO	U	0	70	6144	10
SCNMUXLK	NU	PO	U	0	430	6144	1



Figure 24 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2  
Procedural Target Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
SCNMUXCL	NU	PO	VB	516	92	8256	1
SCNMUXMS	NU	PO	FB	80	37	8800	1
SEZLCLST	NU	PO	FB	80	3211	8800	32
SEZLINST	NU	PO	FB	80	12	8800	1
SEZLPNLU	NU	PO	FB	80	666	8800	62
SEZLSAMP	NU	PO	FB	80	69	8800	2
SEZLLINK	NU	PO	U	0	196	6144	8

Figure 25 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2  
Procedural Distribution Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
ABNJPNL3	EU	PO	FB	80	2263	8800	232
ABNJPNL2	EU	PO	FB	80	46	8800	5
ACNMCLST	EU	PO	FB	80	635	8800	15
ACNMINST	EU	PO	FB	80	74	8800	3
ACNMLINK	EU	PO	U	0	4819	6144	547
ACNMPNL1	EU	PO	FB	80	35	8800	1
ACNMSAMP	EU	PO	FB	80	1507	8800	20
ADSIPARM	EU	PO	FB	80	377	8800	15
ADSIPRF	EU	PO	FB	80	8	8800	1
ADSIOPEN	EU	PO	FB	80	8	8800	1
AEGVPS21	EU	PO	VB	256	5128	6148	3
ADSIMSG1	EU	PO	FB	80	58	8800	1
ADUIMSG1	EU	PO	FB	80	5	8800	1
AEKGMOD1	EU	PO	U	0	626	6144	58
AEKGLUTB	EU	PO	FB	80	1	8800	1
AEKGCAS1	EU	PO	FB	80	1	8800	1
AEKGLANG	EU	PO	FB	125	15	3125	1
AEKGSMP1	EU	PO	FB	80	360	8800	7
AEKGPNL2	EU	PO	FB	80	13	8800	2
ACNMMAC1	NU	PO	FB	80	714	8800	13
ANVULIB	EU	PO	U	0	29	6144	6
ACNMPNL2	EU	PO	FB	80	2849	8800	126
AEGVPS22	EU	PO	VB	256	32	6148	1
ACNMMJPN	EU	PO	U	0	71	6144	8
ACNMUXLK	NU	PO	U	0	418	6144	1
ACNMUXCL	NU	PO	VB	516	96	8256	1
ACNMUXMS	NU	PO	FB	80	37	8800	1
AEZLCLST	NU	PO	FB	80	3205	8800	32
AEZLINST	NU	PO	FB	80	12	8800	1

Figure 25 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2  
Procedural Distribution Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
AEZLPNLU	NU	PO	FB	80	673	8800	62
AEZLSAMP	NU	PO	FB	80	69	8800	2
AEZLLINK	NU	PO	U	0	171	6144	14

Figure 26 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Target Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
SBNJPNL3	EU	PO	FB	80	2263	8800	232
BNJPNL2	EU	PO	FB	80	46	8800	5
CNMCLST	EU	PO	FB	80	1006	8800	19
CNMINST	EU	PO	FB	80	74	8800	3
CNMLINK	EU	PO	U	0	4580	6144	151
CNMPNL1	EU	PO	FB	80	28	8800	1
CNMSAMP	EU	PO	FB	80	2650	8800	27
DSIPARM	EU	PO	FB	80	417	8800	16
DSIPRF	EU	PO	FB	80	9	8800	2
SDSIOPEN	EU	PO	FB	80	8	8800	1
SEGVPS21	EU	PO	VB	256	25809	6148	12
SEKGMOD1	EU	PO	U	0	401	6144	6
SEKGMOD2	EU	PO	U	0	587	6144	18
SEKGLNK1	EU	PO	U	0	5	6144	1
SEKGLUTB	EU	PO	FB	80	1	8800	1
SEKGCAS1	EU	PO	FB	80	1	8800	1
SEKGLANG	EU	PO	FB	125	15	3125	1
SEKGSMP1	EU	PO	FB	80	360	8800	7
SEKGPNL2	EU	PO	FB	80	13	8800	2
SCNMMAC1	NU	PO	FB	80	738	8800	13
NVULIB	EU	PO	U	0	29	6144	6
SCNMLNK1	EU	PO	U	0	2	6144	1
SCNMLPA1	EU	PO	U	0	7	6144	2
SDSIMSG1	EU	PO	FB	80	58	8800	1
SDUIMSG1	EU	PO	FB	80	5	8800	1
SFLBDAT1	EU	PO	VB	1028	16	23648	2
SCNMPNL2	EU	PO	FB	80	2855	8800	126
SEGVPS22	EU	PO	VB	256	95	6148	1
SCNMMJPN	EU	PO	U	0	70	6144	10

Figure 26 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Target Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
SCNMUXLK	NU	PO	U	0	430	6144	1
SCNMUXCL	NU	PO	VB	516	92	8256	1
SCNMUXMS	NU	PO	FB	80	37	8800	1
SEZLCLST	NU	PO	FB	80	3211	8800	32
SEZLINST	NU	PO	FB	80	12	8800	1
SEZLPNLU	NU	PO	FB	80	666	8800	62
SEZLSAMP	NU	PO	FB	80	69	8800	2
SEZLLINK	NU	PO	U	0	196	6144	8

Figure 27 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Distribution Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>D S R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of Blks</b>	<b>BLK SIZE</b>	<b>No. of DIR Blks</b>
ABNJPNL3	EU	PO	FB	80	2263	8800	232
ABNJPNL2	EU	PO	FB	80	46	8800	5
ACNMCLST	EU	PO	FB	80	994	8800	19
ACNMINST	EU	PO	FB	80	74	8800	3
ACNMLINK	EU	PO	U	0	6472	6144	577
ACNMPNL1	EU	PO	FB	80	35	8800	1
ACNMSAMP	EU	PO	FB	80	2596	8800	27
ADSIPARM	EU	PO	FB	80	417	8800	16
ADSIPRF	EU	PO	FB	80	9	8800	2
ADSIOPEN	EU	PO	FB	80	8	8800	1
AEGVPS21	EU	PO	VB	256	25809	6148	12
ADSIMSG1	EU	PO	FB	80	58	8800	1
ADUIMSG1	EU	PO	FB	80	5	8800	1
AEKGMOD1	EU	PO	U	0	956	6144	80
AEKGLUTB	EU	PO	FB	80	1	8800	1
AEKGCAS1	EU	PO	FB	80	1	8800	1
AEKGLANG	EU	PO	FB	125	15	3125	1
AEKGSMP1	EU	PO	FB	80	360	8800	7
AEKGPNL2	EU	PO	FB	80	13	8800	2
ACNMMAC1	NU	PO	FB	80	738	8800	13
ANVULIB	EU	PO	U	0	29	6144	6
AFLBDAT1	EU	PO	VB	1028	16	23648	2
ACNMPNL2	EU	PO	FB	80	2849	8800	126
AEGVPS22	EU	PO	VB	256	95	6148	1
ACNMMJPN	EU	PO	U	0	71	6144	8
ACNMUXLK	NU	PO	U	0	418	6144	1
ACNMUXCL	NU	PO	VB	516	96	8256	1
ACNMUXMS	NU	PO	FB	80	37	8800	1
AEZLCLST	NU	PO	FB	80	3205	8800	32

Figure 27 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Distribution Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
AEZLINST	NU	PO	FB	80	12	8800	1
AEZLPNLU	NU	PO	FB	80	673	8800	62
AEZLSAMP	EU	PO	FB	80	69	8800	2
AEZLLINK	EU	PO	U	0	171	6144	14

### 5.3 HFS Paths for TME 10 NetView for OS/390 Version 1 Release 2

Figure 28. HFS Directories Required for TME 10 NetView for OS/390 Version 1 Release 2 when installing JPZ8307

DDDEF Name	PATH
SCNMUX00	/usr/lpp/netview/bin/IBM/

### 5.4 FMIDs Deleted

Installing TME 10 NetView for OS/390 Version 1 Release 2 will result in the deletion of the following FMIDs:

Figure 29 (Page 1 of 2). FMIDs Deleted

Deleted FMID	Deleting FMID	Description
HNV1102	HPZ8300	MVS/370 NetView V1R1
HNV1202	HPZ8300	MVS/370 NetView V1R2
HNV1103	HPZ8300	MVS/XA NetView V1R1
HNV1203	HPZ8300	MVS/XA NetView V1R2
HNV1303	HPZ8300	MVS/XA NetView V1R3
HVWW101	HPZ8300	MVS/XA NetView V2R1
HVWW200	HPZ8300	MVS/XA NetView V2R2
HVWW300	HPZ8300	MVS/XA NetView V2R3
HNVW140	HPZ8300	MVS/ESA NetView V1R3

Figure 29 (Page 2 of 2). FMIDs Deleted

Deleted FMID	Deleting FMID	Description
HXYZ101	HPZ8300	MVS/ESA NetView V2R1
HXYZ200	HPZ8300	MVS/ESA NetView V2R2
HXYZ300	HPZ8300	MVS/ESA NetView V2R3
HXYZ400	HPZ8300	MVS/ESA NetView V2R4
HPZ8100, JPZ8130	HPZ8300	MVS/ESA NetView V3R1
HPZ8200	HPZ8300	TME 10 NetView for OS/390 V1R1
HFLC100	HPZ8300	MVS/ESA MSM V1R1
HFLC200	HPZ8300	MVS/ESA MSM V1R2
HFLC300	HPZ8300	MVS/ESA MSM V2R1
HFLC400	HPZ8300	MVS/ESA MSM V2R2
HLR6110, HLR6200, HLR6200, HML6110, HML6111, H080100	HPZ8300	MVS/ESA AON/ANO

### 5.4.1 System Considerations

There are tuning considerations for using TME 10 NetView for OS/390 Version 1 Release 2. Tuning considerations and recommendations are discussed in the following manuals:

- *TME 10 NetView for OS/390: Installation and Administration Guide*
- *TME 10 NetView for OS/390: Tuning Guide*

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## 5.5 Special Considerations

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



## 5.5.1 Considerations for NetView 3270 JAVA Client

- The mainframe component provides the host connection and has the following requirements:
  - MVS 5.2.2 or OS/390 as the operating system
  - TCP/IP 3.2 or above
  - TME 10 NetView for OS/390 Version 1 Release 2

- Workstations hardware requirements include:

The following are the minimum requirements beyond those required for Intel platform workstations running OS/2, Windows 95\* or Windows NT\*:

- Pentium\* 90 or higher CPU, preferred 166 MHz
- 32MB memory(64MB recommended)
- 15MB fixed disk space
- Long file names; for OS/2 you need an HPFS partition
- Screen resolution of 1024 by 768(256 colors)

The following are the minimum requirements for AIX platform workstations:

- RISC or Power PC with 133 MHz or clock speed higher CPU
- 64MB memory; 128MB preferred
- 15MB fixed disk space
- Screen resolution of 1024 by 768(256 colors)

The following are the minimum requirements for workstations running Sun Solaris\* or HP-UX\*:

- 133 MHz CPU
- 128MB memory
- 15MB fixed disk space
- Screen resolution of 1024 by 768(256 colors)

- Workstations software requirements include:
  - Operating System
    - IBM Operating System/2(OS/2) Version 4.0 or higher  
with JAVA Developers Toolkit 1.1.4
    - Windows NT 4.0 or Windows 95  
with JAVA Developers Toolkit 1.1.5
    - IBM AIX Version 4.2.0 or higher  
with JAVA Developers Toolkit 1.1.4
    - Any Sparc\* workstation that runs Sun Solaris 2.5.1 or higher  
with JAVA Developers Toolkit 1.1.3

- HP-UX 10.2 or higher with JAVA Developers Toolkit 1.1.3
- TCP/IP  
(OS/2 TCP/IP Version 2.0 with UN64092 or a later version)
- The NetView 3270 JAVA Client must be installed in an HPFS partition on OS/2

Note: The JAVA runtime library can be obtained from the following URLs:

Windows NT 4.0 and Windows 95 - [www.javasoft.com](http://www.javasoft.com)

OS/2 Warp 4.0 - [ncc.hursley.ibm.com/javainfo/download](http://ncc.hursley.ibm.com/javainfo/download)

AIX - [ncc.hursley.ibm.com/javainfo/download](http://ncc.hursley.ibm.com/javainfo/download)

- JAVA Client Download/Install

JAVA Client Code can be obtained from the following:

- URL: [corp.tivoli.com:8080/n\\_nv390/javaclient.html](http://corp.tivoli.com:8080/n_nv390/javaclient.html)
- MVS Dataset: netview.v1r2m0.SEGVPS21

## 5.5.2 Considerations for NetView Web Server

- IBM TCP/IP 3.2 for MVS/ESA(5655-HAL) or OS/390 2.5 IP Services or any functionally equivalent product
- Any browser that supports HTTP 1.0

## 5.5.3 Considerations for Event Automation Service

- The Event Automation Service is dependent on the following host products:
  - TME 10 NetView for OS/390 Version 1 Release 2
  - OS/390 Release 3(with OE active)(5645-001) or higher
  - TCP/IP 3.2(5655-HAL) or any functionally equivalent product
  - LE/370 1.7(5688-198)
  - TME 10 Framework on OS/390 3.5(5697-FRW)
  - TME 10 Enterprise Console(T/EC) 3.5(5697-EAS)

## 5.5.4 Considerations for issuing MVS Open Edition or OS/390 UNIX Services Commands from TME 10 NetView for OS/390 Version 1 Release 2

- OS/390 or Open Edition on MVS 5.2.2 or later
- REXX alternate run-time(same as for TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager Component)

## 5.5.5 Considerations for TCP/IP for MVS Monitoring and Session Management

- IBM TCP/IP Version 3 Release 2 for MVS/ESA(5655-HAL) with PTF UQ17350 or later

## 5.5.6 Considerations for Beeper/Pager Support

- IBM Netfinity for OS/2 Version 5.0 or later(if using the IBM sample for beeper/pager requests).

## 5.5.7 Considerations for NetView Management Console

The NetView Management Console(NMC) has the following prerequisites:

- TME 10 NetView for OS/390 Version 1 Release 2
  - NMC Server:
    - On AIX
      - AIX 4.2(5765-655) or higher
    - On Windows NT
      - NT 4.0 with service pack 2 or higher
    - On OS/2
      - OS/2 Warp 4 with fixpack 4 or higher
- 233 MHz CPU  
128 MB of memory
- NMC Client:
    - JAVA Development Kit(JDK)
      - JDK 1.1.6 for Sun Solaris, Windows NT or Windows 95
      - JDK 1.1.4 for AIX or OS/2

### **TCP/IP Communication with NMC Server**

Operating Systems:

- AIX 4.2(5765-655) or higher
- OS/2 Warp 4.0
- Windows NT - Version 4.0 or higher
- Sun Solaris - Version 2.6 or higher
- Windows 95

233 MHz CPU

128 MB of memory

- NMC Communications Link

One of the following types of communication links is required between the NMC Server and the TME 10 NetView for OS/390 Version 1 Release 2 system:

- IP connection

Requires TCP/IP Version 3.2 or higher on the TME 10 NetView for OS/390 Version 1 Release 2 system

- LU 6.2 connection

On AIX requires one of the following:

- AIX SNA Server Version 2.1 or higher
- AIX SNA Communications Server Version 3.1.2 or higher or Communications Server for AIX, Version 4(5765-652)

On NT requires Communication Server for NT Version 5

On OS/2 requires:

- Communication Server for OS/2 Warp 4 with fixpack 4

On Sun platforms LU 6.2 connection not supported, use IP connection

## 5.5.8 NetView Installation and Administration Facility/2

- OS/2 WARP 4.0
- Communications Server Version 4 (5765-652) and Personal Communications AS/400 and 3270 Version 4 Release 1 for OS/2 (PCOMM-39H3929) with CSD2 applied or For Japanese version, Communications Manager/2 1.1J or later
- Database 2 for OS/2 (DB2/2) Version 2(41H2112) or later

## 5.5.9 Resource Object Data Manager (RODM)

- One of the following sets of runtime libraries:
  - PL/I 370 and C 370
    - OS PL/I Version 2.3 Library (5668-911)
    - C/370 Library Version 2 (5688-188)
  - LE/370 Version 1 Release 5 (5688-198)
- One of the following is required:
  - MVS/ESA SP-JES2 Version 5 Release 2.2 (5655-068) or higher
  - MVS/ESA SP-JES3 Version 5 Release 2.2 (5655-069) or higher
- RODM Methods

- TME 10 NetView for OS/390 Version 1 Release 2 RODM methods written in PL/I and C are compatible with LE/370 compiler and runtime libraries.

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

- Information/Management Version 6 Release 3 (5695-171) 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
  - LE/370 Version 1 Release 5 (5688-198)

### 5.5.11 Graphic Monitor Facility Host Subsystem

- RODM requirements plus
- C/370 Library Version 2 (5688-188)  
or  
LE/370 Version 1 Release 5 (5688-198)
- **Note:** If you are migrating from a previous release and are not using the GMFHS startup procedure, CNMSJH10, provided with TME 10 NetView for OS/390 Version 1 Release 2, you will need to add the following dataset to the steplib dataset concatenation and ensure that this dataset is APF-authorized:  
// DD DSN=NETVIEW.V1R2M0.SCNMCRUN,DISP=SHR

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

- Transaction Control Protocol/Internet Protocol (TCP/IP) Version 2.0 for OS/2 (65G1220)

### 5.5.13 NetView Graphic Monitor Facility (NGMF)

The following is a list of requirements for the NGMF workstation:

- OS/2 WARP 4 Communications Server Version 4 (5765-652) and Personal Communications AS/400 and 3270 Version 4 Release 1 for OS/2 (PCOMM - 39H3929) with CSD2 applied.  
(For Japanese version, Communications Manager/2 1.1 J, or later)  
and one of the following:
  - APPC communications -- Any communication adapter that Communications Server 4.0 or higher supports for APPC
  - 3270 emulator communications (for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by Personal Communications 4.1 or higher
  - Personal Communications 4.1 plus CSD #2 or higher or Personal Communications 4.2.
- For workstation customization - optional

– IBM C SET/2

### **5.5.14 NGMF Communications Manager Configuration Utility**

- NGMF requirements

### **5.5.15 RODM Administration and NGMF Problem and Inventory Functions**

- NGMF requirements plus
- NetView Bridge requirements (PL/I API or LE/370) plus
- Network Configuration Application/MVS (5695-099) - optional

### **5.5.16 SNA Topology Manager**

- RODM requirements plus
- ACF/VTAM Version 4 Release 3 for MVS/ESA (5695-117) or later
- Generalized Trace Facility
- C/370 Library Version 2 (5688-188)  
or  
LE/370 Version 1 Release 5 (5688-198)

### **5.5.17 SNA Topology Manager Resource Filtering**

- OS/390 Version 2 Release 5(5647-A01) SNA Services

### **5.5.18 APPN Accounting Manager**

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5695-117) or later
- Generalized Trace Facility
- C/370 Library Version 2 (5688-188)  
or  
LE/370 Version 1 Release 5 (5688-198)
- System Management Facility or an equivalent external logging facility

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

- The applicable file transfer program for the communication subsystem

## 5.5.20 APPN Topology and Accounting Agent

- OS/2 4.0 or later
- Communications Manager/2 1.1 (or later)

## 5.5.21 MVS Sysplex Support - Compatibility Mode

TME 10 NetView for OS/390 Version 1 Release 2 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 5 Release 2.2 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 2.2 (5655-069) or higher

## 5.5.22 MVS Sysplex Support - Enablement

TME 10 NetView for OS/390 Version 1 Release 2 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 5 Release 2.2 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 2.2 (5655-069) or higher

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

- OS PL/I Version 2.3 Library (5668-911)  
or  
LE/370 Version 1 Release 5(5688-198)

## 5.5.24 Pipeline Automation

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

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

- IBM LAN Network Manager Version 2.0(03H3519, 03H3523 or 03H3527)

## 5.5.26 NetView Support for 3174 ISDN

- 3174 Configuration C Release 1

### **5.5.27 Session Monitor Support of APPN\* Display and Problem Determination**

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)
- ACF/NCP Version 6 Release 2 (5688-231)

### **5.5.28 Session Monitor Support of HPR and MNPS**

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

### **5.5.29 Session Monitor Support of VTAM Takeover-Giveback of an NCP**

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)

### **5.5.30 Session Monitor support of DLUR/DLUS**

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)
- Communications Manager/2 1.11 for local support
- Communications Manager/2 1.2 for cross network support

### **5.5.31 Session Monitor support of VR-TG and Bordernode**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)

### **5.5.32 Session Monitor Support of VTAM Extended MS-Transport**

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

### **5.5.33 Management of Frame Relay (DTE) and Ethernet**

- ACF/NCP Version 6 (5688-231)

### **5.5.34 NetView Parallel Transmission Group Support**

- ACF/NCP Version 5 Release 4 MVS and VM (5668-738)

### **5.5.35 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 4 VSE (5668-738) and
- ACF/NCP Version 5 Release 4 MVS and VM (5668-738) or later for the 3720 or 3745

### **5.5.36 NetView Performance Monitor (NPM) Alerts**

- NPM Version 1 Release 6 (5665-333 MVS) or later for session alerts

### **5.5.37 NetView Support for Programmable Network Access (PNA)**

- PNA Version 1.11 (72F0-708)

### **5.5.38 Active in Session**

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

### **5.5.39 SAF Security Checking on RODM Connections**

- RACF\* 2.1 (5695-039) or later, or its SAF equivalent

### **5.5.40 SAF Security Checking on NetView Operator Password Protection**

- RACF 2.1 (5695-039) or later, or its SAF equivalent

### **5.5.41 SAF Security Checking RMTCMD RMTOPS Class**

- RACF 2.1 (5695-039) or later, or its SAF equivalent

### **5.5.42 SAF security checking for NetView Command Authorization**

- RACF 2.1 (5695-039) or its SAF equivalent

### **5.5.43 SAF security checking for NetView Span of Control Access**

- RACF 2.1 (5695-039) or its SAF equivalent

### **5.5.44 SAF security checking for NetView Operator Logon Information**

- RACF 2.1 (5695-039) or its SAF equivalent

### 5.5.45 View Security

- RACF 2.1 (5695-039)(PTF UW90249) or RACF 2.2 (5695-039)(PTF UW90248) or later, or OS/390 Release 1 (5645-001) Security Server(PTF UW90248)

### 5.5.46 High Level Language (HLL) restriction

- If you are installing TME 10 NetView for OS/390 Version 1 Release 2 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 2 will allow you to run with **either** LE/370 or a combination of PL/I and C370 as your High Level Language, however you **cannot** mix them. If you are planning to run with LE/370 you **must** apply FMID JPZ8303, but **not** FMIDs JPZ8301 or JPZ8302. What is different than with NetView V3R1 is that the ordering has been split into FMID combinations such that you have a choice of ordering either the C/370 and PL/I combination **OR** LE/370, but not both on the same media. Additionally, you **MAY** use LE/370 if you intend to manage your systems and networks graphically which will include the usage of the NGMF, GMFHS, and SNA Topology components of NetView.

### 5.5.47 Other Considerations

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

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 PC TSO File Transfer, apply PTF UR43604.

To communicate with the V2R4 level of APPNTAM from TME 10 NetView for OS/390 Version 1 Release 2 you will need to apply the following apars to the V2R4 level of APPNTAM:

**English APPNTAM** UW18660 and UW18661

**Japanese APPNTAM** UW18660 and UW18662

If you intend to run TME 10 NetView for OS/390 Version 1 Release 2 Statmon with downlevel NetView(s) in a network, you will need to apply the following apars to the other NetView systems:

**V2R4** UW30781

**V3R1** UW30809

If you are installing TME 10 NetView for OS/390 Version 1 Release 2 whose session monitor (NLDM) communicates with V2R4 session monitor(s), the following PTFs are required on the V2R4 system(s) for some cross-domain functions to work correctly: UW15993 (code) along with UW15994 (English panels) and/or UW15995 (Japanese panels).

If you are using SAF security checking for NetView Operator Logon Information you must apply PTF UW90113 (APAR OW05651).

The following is a list of additional PTFs that need to be applied for the specified functions:

Session Monitor cross-domain APPN support

NetView V3R1 PTF UW31877

NetView V2R4 PTF UW31873

LE/370 Support

LE/370 V1R5 with PTF UN94116 (fix for PE UN87318)

LE/370 V1R5 with PTF UN94268

Dynamic Span/View Security

RACF 2.1 with PTF UW90249, or

RACF 2.2 with PTF UW90248, or

OS/390 R1 with the RACF 2.2 PTF

NetView 2.4 and 3.1 remote log browse support

NetView V3R1 PTF UW32447 (fix for PE UW29493)

NetView V2R4 PTF UW32448

## 5.5.48 Considerations for TME 10 NetView for OS/390 Version 1 Release 2 Automated Operations Network Component

- Dynamic Display Facility (DDF) requires either a 3x79 Terminal with Extended Attribute Support with a display capable of seven colors or a workstation-based 327x terminal emulator program that provides Extended Attribute Support with a display capable of seven colors.
- The SNA Automation feature has these additional requirements for Switched Network Backup Automation:
  - IBM 586x modems (except Model 1) with 2 or 4 wire SNBU couplers, if desired, or
  - The 786x, 7855, or LPDA-2 command set capable modems  
NOTE: Only the 786x Models 45, 46, and 47 can automatically switch back from SNBU.  
ACF/NCP Version 5 Release 4(5668-738) or later is required for complete DMPX support of IBM 7861/8 model 4x modems.
- AON LAN Automation has these additional requirements:
  - LAN Network Manager Version 2.0(03H3519, 03H3523 or 03H3527)
  - OS/2 as required by LAN Manager and LAN Management Utilities
  - Communications Server Version 4(5765-652) or later
  - 3172, 3174, or 3745 Token-Ring Host Gateways or Communications Manager functioning as an SDLC-attached host gateway for the LAN manager
- To use the LAN RTAP functions requires:
  - IBM Personal Computer or compatible workstation configured with:
    - A minimum of 8MB of RAM
    - .5MB hard drive storage
    - 80286 or higher processor
    - Token-ring network 16/4 trace and performance adapters AT(R) Bus (feature number 5121, product number 74F5121)or
    - Micro-channel (feature number 5130, product number 74F5130)or
    - DatagLANce Network Analyzer for Ethernet/Token-Ring Version 1 Release 2 (11H0233)
  - Communications adapter card to provide SNA non-DFT (SSCP-PU or LU 6.2) connection to AON LAN automation (separate from the TAP adapter card)
- AIX Automation has this additional requirement:
  - A properly configured RISC System/6000 (R) POWERstation (TM) or POWERserver (TM) to support an SNA connection between the RISC System/6000 and the 370/390 Host on an SSCP-PU or LU 6.2 session.
  - AIX Version 4 Release 1(5765-393) or later
  - NetView for AIX Version 4(5765-527 feature number 5608) or later
  - AIX NetView Service Point Version 1 Release 2.2(5621-107) and Communications Server for AIX Version 4(5765-652)

- AON TCP/IP Support
  - MVS TCP/IP 3.2 or above
    - Support for "Non Open Edition Stack" Only
  - TME 10 NetView for OS/390 Version 1 Release 2
    - TSO Pipe Stage
    - AON/TCP Component
      - For active and recovery monitoring, notification, etc. functions
    - AON Remote Gateway(RMTCMD)
      - For cross-domain support

## 5.5.49 Special Considerations for TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager Component

### 5.5.49.1 System Considerations for CM/2

CM/2 is required by the following TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager features:

- LAN NetWork Manager
- Netfinity Networks

The following information details the necessary maintenance for anyone using CM/2 to communicate with MultiSystem Manager.

If you will be using Communications Manager/2 in your network to communicate with MultiSystem Manager then you will need to apply the latest level of Communications Manager/2 "APPC" APAR Fixtests to your Communications Manager/2 systems.

Instead of entering an APAR number, for option 2 under SERV you will need to enter the following package name for the specific level of CM/2 you are running.

Package Name	Product	Version
-----	-----	-----
CM2AP111	Communications Manager/2	1.11 (WR06150)
CM2AP110	Communications Manager/2	1.10 (WR06000)
CM2AP101	Communications Manager/2	1.0.1 (WR06050)

The package file will contain a list of included APARs. For CM2AP111 & CM2AP110 make sure JR08454 is in the list. For CM2AP101 make sure JR08455 is in the list. If the APAR is not in the package you have please obtain a newer package.

### 5.5.49.2 System Considerations for the MultiSystem Manager LAN Network Manager Feature

The MultiSystem Manager LAN Network Manager feature of TME 10 NetView for OS/390 Version 1 Release 2 requires:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- IBM LAN Network Manager 2.0(03H3519, 03H3523 or 03H3527)
- Communications Manager/2 Version 1 Release 1(79G0258 or 79G0257) configured with Service Point Application Router(SPAR).

### 5.5.49.3 System Considerations for the MultiSystem Manager Novell NetWare Network Feature

The Novell NetWare Networks component of TME 10 NetView for OS/390 Version 1 Release 2 requires the following environment to function:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- Each managed server must be running Novell NetWare 3.12 or 4.1 or later for DOS.
- Each managed NetWare 3.12 server must have the LIB312 fix pack applied. This fix pack provides AFTER311.NLM version 4.15 and A3112.NLM version 4.18.
- If the collection point server is NetWare 3.12, it must be running NetWare/IP 1.1 or later.

In the list above, a *managed server* is one that is fully supported by TME 10 NetView for OS/390 Version 1 Release 2. Other servers in the network will still show up in the discovered topology but have a simple UP/DOWN status (UNK/UNSAT in NGMF). Unmanaged servers will also respond to QUERY STATION and COMTEST commands but detailed status is not available, nor are the majority of the MultiSystem Manager commands.

### 5.5.49.4 System Considerations for the MultiSystem Manager Netfinity Network Feature

The Netfinity Networks component of TME 10 NetView for OS/390 Version 1 Release 2 requires

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- Netfinity V5.0 or later

### 5.5.49.5 System Considerations for the MultiSystem Manager TMR Feature

The MultiSystem Manager Tivoli Management Region (TMR) feature of TME 10 NetView for OS/390 Version 1 Release 2 requires:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- TME 10 Framework 3.2 or later
- TME 10 Distributed Monitoring 3.5 or later
- TME 10 Enterprise Console (TEC) Version 3.1 or later
- Any of the following Operating Systems:
  - Windows NT 4.0
  - AIX 4.1 or AIX 4.2
  - Sun Solaris 2.5.1
  - HP UX 10.2

### **5.5.49.6 System Considerations for the MultiSystem Manager IP Network Feature**

The MultiSystem Manager Internet Protocol feature of TME 10 NetView for OS/390 Version 1 Release 2 requires the following:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- AIX Version 4.1(5765-393) or later
- NetView for AIX Version 4 (5765-527) - PTF U443133  
- or -  
NetView for AIX Version 4 Japanese {Ja\_JP} (5765-527)
- AIX NetView Service Point Version 1 Release 2.2 (5621-107) - PTF U440307
- IBM Communication Server for AIX Version 4 (5765-652)

### **5.5.49.7 System Considerations for the MultiSystem Manager ATM Networks Feature**

The MultiSystem Manager ATM Networks feature of TME 10 NetView for OS/390 Version 1 Release 2 requires:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- NetView for AIX Version 4 (5765-527)  
- or -  
NetView for AIX Version 4 Japanese {Ja\_JP} (5765-527)
- AIX NetView Service Point Version 1.2.2.0 (5621-107)
- Nways Campus Manager ATM for AIX Version 2/Version 2.2 (5697-B08)  
- or -  
Nways Campus Manager Suite Version 3 for AIX (5697-B06)  
- or -  
Nways Manager for AIX Version 1/Version 1.2 (5801-AAR)
- IBM Communication Server for AIX Version 4 (5765-652)

NOTE: NCMA 1.3 is shown as N-ways Campus Manager 2.2.1.0 in SMIT.

You are now aware of all of the installation requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option. Proceed to 6.0, "Installation Instructions" on page 59 to begin your product installation.



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## 6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of TME 10 NetView for OS/390 Version 1 Release 2.

If you obtained TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2 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 R8 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 TME 10 NetView for OS/390 Version 1 Release 2. The MVS/ESA changes required to run TME 10 NetView for OS/390 Version 1 Release 2 are discussed in the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*.

Please note the following:

- If you want to install TME 10 NetView for OS/390 Version 1 Release 2 into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI and the SMP/E control data sets.
- Sample jobs have been provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.
- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

With TME 10 NetView for OS/390 Version 1 Release 2 you will notice some major changes which will affect your SMP/E installation:

1. SMP/E R8 or later is now the minimum level of SMP/E that you may use. With this level of SMP/E comes CALLLIBS support. This will allow you to link C370, PL/I and LE/370 libraries at APPLY time, thus eliminating the post-apply link edit jobs that used to be required when installing NetView. You will need to add DDDEF statements for these libraries to your DDDEF job if you plan on using them.
2. The combination of allowing more ordering options for TME 10 NetView for OS/390 Version 1 Release 2 has resulted in an increase in the number of FMIDs you will receive with NetView. This will give you more granularity in deciding which NetView functions you wish to RECEIVE and APPLY. It should not substantially increase the time or complexity of installing or servicing NetView, as you can RECEIVE, APPLY and ACCEPT multiple FMIDs at a time, and the installation samples have been designed to aid you in this.

3. If you are installing TME 10 NetView for OS/390 Version 1 Release 2 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 2 will allow you to run with **either** LE/370 or a combination of PL/I and C370 as your High Level Language, however you **cannot** mix them. If you are planning to run with LE/370 you **must** apply FMID JPZ8303, but **not** FMIDs JPZ8301 or JPZ8302. Beginning with TME 10 NetView for OS/390 V1R1, you **MAY** use LE/370 if you intend to manage your systems and networks graphically which will include the usage of the NGMF, GMFHS, and SNA Topology components of NetView.

If you are running with PL/I you **must** apply FMID JPZ8301 and if you are also using C370 you **must** apply JPZ8302. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 59 on page 168 and Figure 60 on page 170 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 54 on page 159 to apply the FMID for your new HLL. Make sure that you **only** APPLY the FMID(s) for the HLL you are adding at this time. If you try to re-apply any other FMIDs, SMP/E will inform you that you are re-applying an existing FMID.

Be careful when you transmit the linked datasets from one system to another. If the PL/I, C370, or LE/370 run time libraries are not at the same level on both systems, the NetView code may not run. Common symptoms would be S0C1, S0C4, and S0C7 abends.

#### HLL note

To install both NetView with C/370 support and NetView with LE/370 support on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both NetView with C/370 support and NetView with LE/370 support the same target and distribution zones, some features will not install correctly.

4. TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise cannot be installed on 3350 DASD.

The two basic choices for installing TME 10 NetView for OS/390 Version 1 Release 2 are:

1. You can install into new target and distribution zones. This is the recommended method for TME 10 NetView for OS/390 Version 1 Release 2 for users who will continue to use a prior version of NetView after TME 10 NetView for OS/390 Version 1 Release 2 has been installed. SMP/E 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/E will continue by saying there was nothing deleted. There is no need to give any dummy library names for your prior NetView because SMP/E has no way to know that a previous release was ever installed.

When your testing is finished and you have migrated completely to TME 10 NetView for OS/390 Version 1 Release 2, you can run a delete job to remove the old NetView, MSM, and AON/ANO FMIDs from the CSI zone(s). At that time you will have to provide SMP/E with access to the old LPALIB and LINKLIB libraries. For more information see 6.1.10.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed" on page 165. The *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide*, SC31-8236 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 TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2 into the same zone, you must provide access to your prior libraries via DDDEFs or DD statements. SMP/E 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/E may remove the old LPALIB modules. If by chance there are some traces of prior releases that still exist in SMP/E even though the libraries have been deleted, SMP/E will know and you will have to allocate dummy libraries for SMP/E 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 6.1.10.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed" on page 165.

If you are installing TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2. If a SYSGEN is performed after the installation of TME 10 NetView for OS/390 Version 1 Release 2 is complete, the GENERATE facility of SMP/E can be used to re-install TME 10 NetView for OS/390 Version 1 Release 2.

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## 6.1 Installing TME 10 NetView for OS/390 Version 1 Release 2

The samples provided with TME 10 NetView for OS/390 Version 1 Release 2 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 might be required. For example, job card information might need to be customized. In addition to this program directory, read the comments in the JCL samples. They are designed to make it easy to find required changes. Some of the JCL values which should be verified and are most likely to need customization are coded in lower case; a JCL error occurs if the values are overlooked.

### 6.1.1 SMP/E Considerations for Installing TME 10 NetView for OS/390 Version 1 Release 2

This release of TME 10 NetView for OS/390 Version 1 Release 2 is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

## 6.1.2 SMP/E Environment

All SMP/E installation jobs provided assume that all necessary DD statements for the execution of SMP/E are defined using DDDEFS.

Sample jobs are provided to assist you in installing TME 10 NetView for OS/390 Version 1 Release 2. After the RECEIVE step has been completed, the sample jobs can be found in SMPTLIB:

**IBM.HPZ8300.F2.** Make a copy of these jobs in your own library and modify them to use during the installation of TME 10 NetView for OS/390 Version 1 Release 2. Or you can use the UNLOAD job provided in the program directory and copy the install jcl from the tape. See 6.1.4, "Unload the Sample JCL from the Product Tape" on page 63. The sample jobs are:

<b>CNMJSMPA</b>	Sample job to allocate SMP/E datasets
<b>CNMJGCSI</b>	Sample job to allocate SMP/E global zone
<b>CNMJCSIS</b>	Sample job to allocate SMP/E target and dlib zones
<b>CNMJZDEF</b>	Sample job to define globalzone and default options to SMP/E
<b>CNMJCSIA</b>	Sample job to allocate global, target and dlib zones, define the globalzone and default options to SMP/E (Above 3 jobs combined into one job.)
<b>CNMJUCLN</b>	Sample job to update DSSPACE and/or PEMAX if using existing zones
<b>CNMJDDNJ</b>	Sample job to define Japanese DDDEFS
<b>CNMJDDLE</b>	Sample job to define LE/370 DDDEFS
<b>CNMJDDML</b>	Sample job to define LE/370 DDDEFS for methods
<b>CNMJDDUX</b>	Sample job to define OS/390 UNIX Services Related Component DDDEFS
<b>CNMJALJU</b>	Sample job to allocate Unattended target and distribution libraries
<b>CNMJALJP</b>	Sample job to allocate Procedural target and distribution libraries
<b>CNMJALJE</b>	Sample job to allocate Graphical Enterprise target and distribution libraries
<b>CNMJALUX</b>	Sample job to allocate OS/390 UNIX Services Related Component libraries
<b>CNMJMKUX</b>	Sample job to create HFS directories for OS/390 UNIX Services Related Components
<b>CNMJRC06</b>	Sample Unattended RECEIVE job
<b>CNMJRC25</b>	Sample Procedural RECEIVE job
<b>CNMJRC45</b>	Sample Graphical Enterprise RECEIVE job
<b>CNMJRC55</b>	Sample Graphical Enterprise Workstation RECEIVE job
<b>CNMJAP06</b>	Sample Unattended APPLY job
<b>CNMJAP25</b>	Sample Procedural APPLY job

**WARNING** If you are installing the Graphical Enterprise Option you **MUST** install HPZ8330 prior to or concurrently with JPZ8340. For information on installing FMID HPZ8330, refer to the NetView C Runtime Language Program Directory GI10-4811.

- CNMJAP45** Sample Graphical Enterprise APPLY job
- CNMJDLT1** Sample to delete previous NetView of NCCF with dummy fmid
- CNMJDLT2** Sample to delete dummy fmid
- CNMJAC06** Sample Unattended ACCEPT job
- CNMJAC25** Sample Procedural ACCEPT job
- CNMJAC45** Sample Graphical Enterprise ACCEPT job
- CNMJUMCS** Sample job to print out SMPMCS

In the sample SMP/E jobs provided, the name of the SMP/E CSI is GLOBAL. The global zone name in the SMP/E CSI is GLOBAL. The distribution zone name is DLIB1. The target zone name is TGT1. The sample jobs should be updated to reflect the CSI and zone names used at your installation.

### 6.1.3 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 30. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

<i>Figure 30. SMP/E Options Subentry Values</i>		
<b>SUB-ENTRY</b>	<b>Value</b>	<b>Comment</b>
DSSPACE	(300,500,900)	Use 900 directory blocks
PEMAX	9999	The SMP/E default is larger than what can be specified here

### 6.1.4 Unload the Sample JCL from the Product Tape

Sample installation jobs are provided on the distribution tape to help you install TME 10 NetView for OS/390 Version 1 Release 2. The following sample JCL will copy the TME 10 NetView for OS/390 Version 1 Release 2 jobs from the tape. Add a job card and modify the parameters in boldface to uppercase values to meet your site's requirements before submitting.

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=A
//IN DD DSN=IBM.HPZ8300.F2,UNIT=tunit,VOL=SER=JZ8300,
// LABEL=(3,SL),DISP=(OLD,KEEP)
//OUT DD DSN=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=dunit,
// DCB=*.STEP1.IN,SPACE=(8800,(100,10,25))
```

```
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=IN,OUTDD=OUT
/*
```

where **tunit** is the unit value matching the product tape or cartridge, **jcl-library-name** is the name of the data set where the sample jobs will reside (for example, NETVIEW.V1R2M0.INSTALL), **dasdvol** is the volume serial of the DASD device where the data set will reside, and **dunit** is the DASD unit type of the volume.

You can also access the sample installation jobs by performing an SMP/E RECEIVE for FMID fmid, and then copying the jobs from dataset **hlq.IBM.HPZ8300.F2** to a work dataset for editing and submission.

## 6.1.5 Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 2

### NLS note

To install both NetView US English feature and NetView Japanese feature on the same CPU, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both the NetView US English feature and the NetView Japanese feature into the same target and distribution zones, some features will not install correctly.

### HLL note

To install both NetView with C/370 support and NetView with LE/370 support on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both NetView with C/370 support and NetView with LE/370 support the same target and distribution zones, some features will not install correctly. The standalone PL/I product is included in the C/370 High Level Language environment and is not compatible with LE/370.

### 6.1.5.1 Allocating New SMP/E Data Sets for TME 10 NetView for OS/390 Version 1 Release 2

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.V1R2M0.INSTALL for that purpose. It is important that the data set names match between sample job CNMJSMPA, the sample SMP/E PROC CNMJSMPA, and sample job CNMJZDEF. Both CNMJSMPA and CNMJSMPA are written to allow for a customer supplied second level qualifier 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)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS, AN IBM COMPANY **
//** 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//** **
//** PROCEDURE: CNMJSMPA **
//** **
//** FUNCTION: **
//** ALLOCATE THE SMP/E TEMPORARY LIBRARIES NEEDED **
//** IF SETTING UP A NEW GLOBAL ZONE FOR TME 10 **
//** 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 **
//** **
//** EXPECTED COND CODE: 0000 **
//** **
//** ACTIVITY: **
//*****

```

Figure 31 (Part 1 of 3). CNMJSMPA



```

//*****
//SMPALLOC PROC SMPHLQ=,SMPSLQ=,SMPUNIT=,SMPVOL=
//ALLOC EXEC PGM=IEFBR14
//SYSPRINT DD SYSOUT=A
//*****
//* SMP/E TEMP LIBRARIES FOR USE WITH TME 10 NETVIEW INSTALL **
//*****
//SMPMTS DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,
// SPACE=(8800,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPPTS DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,
// SPACE=(8800,(400,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPLTS DD DSN=&SMPHLQ..&SMPSLQ.SMPLTS,
// SPACE=(6144,(5000,100,50)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(RECFM=U,BLKSIZE=6144)
//SMPSCDS DD DSN=&SMPHLQ..&SMPSLQ.SMPSCDS,
// SPACE=(8800,(300,10,200)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPSTS DD DSN=&SMPHLQ..&SMPSLQ.SMPSTS,
// SPACE=(8800,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPLOG DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,
// SPACE=(8800,(1000,50)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=132,RECFM=VB,BLKSIZE=8800)

```

Figure 31 (Part 2 of 3). CNMJSMIPA

```

//SMPLOGA DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,
//          SPACE=(8800,(1000,50)),
//          DISP=(NEW,CATLG,DELETE),
//          UNIT=&SMPUNIT,
//          VOL=SER=&SMPVOL,
//          DCB=(LRECL=132,RECFM=VB,BLKSIZE=8800)
//          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 31 (Part 3 of 3). CNMJSMIPA

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### 6.1.5.2 Creating a New SMP/E CSI for TME 10 NetView for OS/390 Version 1 Release 2

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.V1R2M0.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 initialize the zones once the CSIs are allocated and primed.

CNMJCSIA has also been supplied. It combines CNMJGCSI, CNMJCSIS and CNMJZDEF into one job. You may choose to run CNMJCSIA instead of CNMJGCSI, CNMJCSIS and CNMJZDEF. Review the SMP/E options defined in CNMJZDEF and CNMJCSIA. 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 32 on page 69, Figure 33 on page 71, and Figure 34 on page 74 show samples CNMJGCSI, CNMJCSIS and CNMJZDEF respectively.

Figure 32 on page 69 contains sample CNMJGCSI and is used to define the global zone.

```

//CNMJGCSI JOB 'ACCOUNTING INFORMATION','DEFINE GLOBAL CSI',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//** **
//** 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 TME 10 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 TME 10 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 **
//** **
//** EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS **
//** 0008 IF NO CSI EXISTS **
//** 0000 FOR PRIMCSI2 **
//** **

```

Figure 32 (Part 1 of 2). CNMJGCSI

```

/**      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 /* <==3 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//

```

Figure 32 (Part 2 of 2). CNMJGCSI

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

Figure 33 on page 71 contains sample CNMJCSIS which defines the target and dlib zones.

```

//CNMJCSIS JOB 'ACCOUNTING INFORMATION','SMP/E R8 CSI SETUP',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//** **
//** 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. NAMES OF THE TME 10 NETVIEW CSI **
//** VSAM DATA SETS AND DATA AND **
//** INDEX COMPONENTS **
//** 4. NAME OF THE TARGET CSI DATA SET **
//** 5. NAME OF THE DISTRIBUTION CSI DATA **
//** SET **
//** **
//** >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE **
//** >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE **
//** **

```

Figure 33 (Part 1 of 3). 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        /* <==3,5 */

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) /* <==3,5 */ -
              FREESPACE(20, 5)        -
              KEYS(24 0)              -
              RECORDSIZE(24 143)     -
              SHAREOPTIONS(2)        -
              UNIQUE                  -
              VOLUME(dddddd)         /* <==2 */ -
              DATA(NAME(netview.dlib1.CSI.DATA) /* <==3,5 */ -
              CONTROLINTERVALSIZE(4096) -
              CYLINDER(40 1))        -

```

Figure 33 (Part 2 of 3). CNMJCSIS

```

                INDEX(NAME(netview.dlib1.CSI.INDEX) /* <==3,5 */ -
                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 /* <==3,5 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
        REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//

```

Figure 33 (Part 3 of 3). CNMJCSIS

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

Figure 34 on page 74 contains sample CNMJZDEF which defines the globalzone and default options.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. The ACCJCLIN option can be specified in the CNMJZDEF sample job, or a separate UCLIN job can be executed at a later time to add this option. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

```

//CNMJZDEF JOB 'ACCOUNTING INFORMATION','SMP/E ZONE DEFINE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//** **
//** 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 **
//** BY THE TARGET AND DISTRIBUTION **
//** ZONES FOR NETVIEW **
//** **

```

Figure 34 (Part 1 of 3). CNMJZDEF



```

/**      >>>> 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=*
//SMRPT   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 34 (Part 2 of 3). CNMJZDEF

```

UCLIN
.
  ADD UTILITY(IEWBLINK) RC(4)
.
ENDUCL
.
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 34 (Part 3 of 3). CNMJZDEF

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

CNMJCSIA combines the previous 3 jobs(CNMJGCSI, CNMJCSIS, and CNMJZDEF) into one. Figure 35 on page 77 shows CNMJCSIA.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. The ACCJCLIN option can be specified in the CNMJCSIA sample job, or a separate UCLIN job can be executed at a later time to add this option. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

```

//CNMJCSIA JOB 'ACCOUNTING INFORMATION','SMP/E R8 CSI SETUP',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//** **
//** PROCEDURE: CNMJCSIA **
//** **
//** FUNCTION: **
//** DELETE, DEFINE AND PRIME THE VSAM DATA SETS FOR **
//** GLOBAL, 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 TME 10 NETVIEW CSI **
//** VSAM DATA SETS AND DATA AND **
//** INDEX COMPONENTS **
//** 5. TARGET AND DLIB ZONE NAMES **
//** 6. PREFIX TO BE USED FOR SMPPLIBS **
//** (RELFILES) **
//** 7. THE NAME OF THE OPTIONS ENTRY USED **
//** **

```

Figure 35 (Part 1 of 5). CNMJCSIA

```

/**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE      **
/**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE      **
/**      **
/**      EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS    **
/**      0008      IF CSI DOESN'T EXIST                      **
/**      0000 FOR PRIMCSI2                                    **
/**      0000 FOR PRIMCSI3                                    **
/**      0000 FOR PRIMCSI4                                    **
/**      0000 FOR CZONES1                                     **
/**      **
/**      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 */
DELETE netview.tgt1.CSI        /* <==3,4 */
DELETE netview.dlib1.CSI       /* <==3,4 */

DEFINE CLUSTER(NAME(netview.GLOBAL.CSI) /* <==3 */ -
              FREESPACE(10, 5)          -
              KEYS(24 0)                 -
              RECORDSIZE(24 143)        -
              SHAREOPTIONS(2)           -
              UNIQUE                     -
              VOLUME(dddddd)            /* <==2 */ -
              DATA(NAME(netview.GLOBAL.CSI.DATA) /* <==3 */ -
              CONTROLINTERVALSIZE(4096)  -
              CYLINDER(1 1))            -
              INDEX(NAME(netview.GLOBAL.CSI.INDEX) /* <==3 */ -
              CONTROLINTERVALSIZE(1024)  -
              TRACK(1 1)                 -
              IMBED)

```

Figure 35 (Part 2 of 5). CNMJCSIA

```

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 */ -
      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.GLOBAL.CSI,DISP=SHR /* <==3 */
//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.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)
/*

```

Figure 35 (Part 3 of 5). CNMJCSIA

```

//PRIMCSI4 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)
/*
//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=*
//SMRPT 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), /* <==5,3 */
            (dlib1,netview.dlib1.CSI,DLIB)) /* <==5,3 */
.
    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 35 (Part 4 of 5). CNMJCSIA

```

SET BOUNDARY(tgt1)                                /* <==5 */
.
UCLIN
.
  ADD TARGETZONE(tgt1)                            /* <==5 */
    OPTIONS(defopt)                               /* <==7 OPTIONS ENTRY NAME */
    SREL(Z038)
    RELATED(dlib1)                                /* <==5 */
.
ENDUCL
.
SET BOUNDARY(dlib1)                               /* <==5 */
.
UCLIN
.
  ADD DLIBZONE(dlib1)                             /* <==5 */
    OPTIONS(defopt)                               /* <==7 OPTIONS ENTRY NAME */
    SREL(Z038)
    RELATED(tgt1)                                /* <==5 */
.
ENDUCL
.
SET BOUNDARY(GLOBAL)
.
LIST
  ALLZONES
.
/*
//

```

Figure 35 (Part 5 of 5). CNMJCSIA

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### 6.1.5.3 SMP/E R8 or later access to TME 10 NetView for OS/390 Version 1 Release 2 Data Sets

The sample SMP/E procedure CNMJSMPE, found in NETVIEW.V1R2M0.INSTALL, may be used to install TME 10 NetView for OS/390 Version 1 Release 2 if your installation does not have a standardized SMP/E cataloged procedure.

**Note:** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'SMP EXEC PGM=GIMSMP' statement with the appropriate CSI name. For example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

TME 10 NetView for OS/390 Version 1 Release 2 now has its own MACLIB and AMACLIB data sets instead of using the system data sets. They are SCNMMAC1 and ACNMMAC1.

To establish the correct SMP/E access to TME 10 NetView for OS/390 Version 1 Release 2 data sets, complete the following steps:

1. If you use CNMJSMPPE as your SMP/E procedure for this installation, copy it to one of your system procedure libraries. Figure 36 on page 83 shows the sample CNMJSMPPE.
2. Ensure that the SMP/E space requirements outlined in Figure 20 on page 29 and Figure 21 on page 29 are met by the SMP/E environment that will be used to install TME 10 NetView for OS/390 Version 1 Release 2. If you choose to use samples CNMJSMPE, CNMJGCSI and CNMJCSIS to create your SMP/E environment, or CNMJCSIA, these requirements are met and you may continue to 6.1.5.4, "Create DDDEF Entries" on page 86. If you are not using CNMJSMPE, CNMJGCSI and CNMJCSIS to create your SMP/E environment, read the following items.
  - Storage requirements for the SMPCSI data sets are found in Figure 19 on page 29.
  - CNMJUCLN, found in NETVIEW.V1R2M0.INSTALL, can be used to set the DSSPACE and PEMAX to the values shown in Figure 30 on page 63. CNMJUCLN should only be used if the values in your current OPTIONS entry are less than the values shown in Figure 30 on page 63.
  - Run CNMJUCLN, if necessary, before proceeding to 6.1.5.4, "Create DDDEF Entries" on page 86. CNMJUCLN should end with a return code of 0. Figure 37 on page 85 contains sample CNMJUCLN.

Figure 36 on page 83 shows sample CNMJSMPPE.



```

//CNMJSMP PROC SMPHLQ=netview, SMP/E HIGH LEVEL
//          SMPSLQ=          SMP/E SECOND LVL (include ".")
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS, AN IBM COMPANY
//**          1997, 1998
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995.
//** ALL RIGHTS RESERVED.
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
//**
//** PROCEDURE: CNMJSMP
//**
//** 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 OVERRIDE DDDEFS IN SMP/E.
//**
//** ACTIVITY:
//*****
//*****
//SMP EXEC PGM=GIMSMP, PARM='DATE=U', REGION=5M
//SYSUT1 DD UNIT=SYSDA, SPACE=(1700,(900,200))
//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,(300,150,15)),
//        DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK2 DD UNIT=SYSDA, SPACE=(6160,(600,200,15)),
//        DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK3 DD UNIT=SYSDA, SPACE=(3200,(1200,400,90)),
//        DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK4 DD UNIT=SYSDA, SPACE=(3200,(1800,200,15)),
//        DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK6 DD UNIT=SYSDA, SPACE=(3200,(6000,600,350))

```

Figure 36 (Part 1 of 2). CNMJSMP

```

//SMPOUT DD SYSOUT=A
//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
//*SMPLTS DD DSN=&SMPHLQ..&SMPSLQ.SMPLTS,DISP=SHR
//SMPLOG DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,DISP=MOD
//SMPLOGA DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,DISP=MOD

```

Figure 36 (Part 2 of 2). CNMJSMPE

Figure 37 on page 85 contains the sample CNMJUCLN.

```

//CNMJUCLN JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM          **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995.    **
//** ALL RIGHTS RESERVED.                          **
//**                                               **
//** US GOVERNMENT USERS RESTRICTED RIGHTS          **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**   GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//**                                               **
//**   PROCEDURE:                                  **
//**                                               **
//**   FUNCTION:                                    **
//**     MODIFIES THE DSSPACE AND PEMAX VALUES FOR EXISTING **
//**     SMP/E ZONES.                               **
//**     NOTE:                                       **
//**     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, OR **
//**     IF YOU ARE NOT USING THE SUPPLIED SMP/E INSTALL **
//**     JOBS.                                       **
//**                                               **
//**                                               **
//**     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. SMP/E PROCEDURE NAME.  IF YOU ARE **
//**           INVOKING SMP/E DIRECTLY USING **
//**           GIMSMP, BE SURE ALL DATA SETS **
//**           REQUIRED BY SMP/E ARE DEFINED AS **
//**           DDDEFS OR ON DD STATEMENTS IN THE **
//**           JCL.  CHANGE netview.GLOBAL.CSI TO **
//**           THE DATASET NAME OF YOUR GLOBAL **
//**           CSI.  CNMJSMPE IS A SAMPLE PROVIDED **

```

Figure 37 (Part 1 of 2). CNMJUCLN

```

/**          FOR YOUR CONVENIENCE AND CAN BE          **
/**          USED INSTEAD OF INVOKING SMP/E          **
/**          DIRECTLY. USING THIS PROC WILL          **
/**          OVERRIDE DDDEFS IN SMP/E.              **
/**          2. CHANGE TO NAME OF OPTIONS ENTRY      **
/**          USED BY TARG/DLIB ZONES FOR YOUR        **
/**          NETVIEW INSTALLATION.                  **
/**          **                                       **
/**          EXPECTED COND CODE: 0000                **
/**          *****                                **
/**          *****                                **
/**          /*CNMJUCL EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
/**          /*SMPPTS DD DSN=netview.SMPPTS,DISP=MOD /* <==1 SMPPTS DD */
/**          /*CNMJUCL EXEC cnmjsmpe /* <==1 YOUR SMP/E PROC */
/**          /*SMPCNTL DD *
          SET BDY(GLOBAL) .
          UCLIN
          .
          REP OPTIONS(mvsopt) /* <==2 OPTIONS ENTRY NAME */
          DSSPACE(300,500,900)
          PEMAX(9999) .
          ENDUCL
          .
          LIST OPTIONS .
/**
/**

```

Figure 37 (Part 2 of 2). CNMJUCLN

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

#### 6.1.5.4 Create DDDEF Entries

Add the DDDEFs for TME 10 NetView for OS/390 Version 1 Release 2 target libraries and distribution libraries (for RESTORE processing) to the target zone into which TME 10 NetView for OS/390 Version 1 Release 2 will be APPLyEd. Also add the DDDEFs for distribution libraries to the distribution zone into which TME 10 NetView for OS/390 Version 1 Release 2 will be ACCEPTed.

Edit and submit sample jobs, CNMJDDxx, to create DDDEF entries for the SMP/E target and distribution libraries for TME 10 NetView for OS/390 Version 1 Release 2. Consult the instructions in the sample jobs for more information.

Run CNMJDDNJ before proceeding. See the following table for which DDDEF jobs you should run for the associated components noted in the 'Description' column. You must make some modifications to each of the following jobs before running them.

Figure 38. Which DDDEF Jobs to Run

HLL Language Support	DDDEF jobs to run	Description
ALL	CNMJDDNJ	DDDEFs for all types of systems
LE/370	CNMJDDLE	DDDEFs for LE/370 HLL for RODM.
LE/370	CNMJDDML	DDDEFs for LE/370 HLL for Methods.
LE/370	CNMJDDUX	DDDEFs for OS/390 UNIX Services Related Components.

**Note:** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'DDDEFx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

**Note:** For the CNMJDDNJ job, if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE, you will need to uncomment the following statements after the 'DDDEFx EXEC PGM=GIMSMP' statement:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
//SMPLOG DD DSN=netview.SMPLOG,DISP=MOD
```

Figure 39 on page 88 shows sample CNMJDDNJ.

```

//CNMJDDNJ JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJDDNJ **
//**
//** FUNCTION: **
//** DEFINE TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING **
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL **
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE JCL. **
//** CHANGE netview.GLOBAL.CSI TO THE DATASET **
//** NAME OF YOUR GLOBAL CSI. CNMJSMP IS A **
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND **
//** CAN BE USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL OVERRIDE **
//** DDDEFS IN SMP/E. **
//** 2. YOUR SMP/E TARGET ZONE **
//** 3. YOUR SMP/E DLIB ZONE **
//** YOU MUST DECIDE WHICH STEPS YOU NEED TO RUN AND **
//** WHICH YOU SHOULD DELETE. THERE ARE 8 SPECIFIC **
//** STEPS: **

```

Figure 39 (Part 1 of 9). CNMJDDNJ

```

/**
/**      DDDEF1  (UNATTENDED, PROCEDURAL, ENTERPRISE)  **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED  **
/**      FOR UNATTENDED NETVIEW. (FMID HPZ8300)        **
/**      DDDEF2  (PROCEDURAL, ENTERPRISE)              **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED  **
/**      FOR PROCEDURAL NETVIEW. (FMID JPZ8320)        **
/**      DDDEF3  (UNATTENDED, PROCEDURAL, ENTERPRISE) **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      NEEDED FOR NETVIEW JAPANESE                    **
/**      (FMIDs JPZ8305, JPZ8325, JPZ8345)            **
/**      DDDEF4  (ENTERPRISE)                          **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      NEEDED FOR ENTERPRISE NETVIEW (FMID JPZ8340)  **
/**      DDDEF5  (UNATTENDED, PROCEDURAL, ENTERPRISE) **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      NEEDED FOR SMP/E INSTALLATION.                **
/**      EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY **
/**      EXIST)                                         **
/**
/**      ACTIVITY:                                     **
/**      *****
/**      *****
/**
/**      /*DDDEF1  EXEC PGM=GIMSMP,REGION=4096K  /* <==1 SMP/E PROC */
/**      /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**      /*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD  /* <==1 SMPLOG DD */
/**      /*DDDEF1  EXEC cnmjsmpe                <==1 YOUR SMP/E PROC
/**      /*SMPCNTL DD *
      SET BDY(tgt1)                          /* <==2 YOUR SMP/E TARGET ZONE */
      .
      UCLIN.
      ADD DDDEF(BNJPNL2 )
      DA(netview.v1r2m0.BNJPNL2 ) SHR.
      ADD DDDEF(CNMCLST )
      DA(netview.v1r2m0.CNMCLST ) SHR.
      ADD DDDEF(CNMINST )
      DA(netview.v1r2m0.CNMINST ) SHR.
      ADD DDDEF(CNMLINK )
      DA(netview.v1r2m0.CNMLINK ) SHR.

```

Figure 39 (Part 2 of 9). CNMJDDNJ

```

ADD DDDEF(CNMPNL1 )
  DA(netview.v1r2m0.CNMPNL1 ) SHR.
ADD DDDEF(CNMSAMP )
  DA(netview.v1r2m0.CNMSAMP ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ADD DDDEF(DSIPARM )
  DA(netview.v1r2m0.DSIPARM ) SHR.
ADD DDDEF(DSIPRF )
  DA(netview.v1r2m0.DSIPRF ) SHR.
ADD DDDEF(SCNMMAC1)
  DA(netview.v1r2m0.SCNMMAC1) SHR.
ADD DDDEF(NVULIB )
  DA(netview.v1r2m0.NVULIB ) SHR.
ADD DDDEF(SDSIMSG1)
  DA(netview.v1r2m0.SDSIMSG1) SHR.
ADD DDDEF(SDUIMSG1)
  DA(netview.v1r2m0.SDUIMSG1) SHR.
ADD DDDEF(SDSIOPEN)
  DA(netview.v1r2m0.SDSIOPEN) SHR.
ADD DDDEF(SCNMLNK1)
  DA(netview.v1r2m0.SCNMLNK1) SHR.
ADD DDDEF(SCNMLPA1)
  DA(netview.v1r2m0.SCNMLPA1) SHR.
ADD DDDEF(SEGVPS21)
  DA(netview.v1r2m0.SEGVPS21) SHR.
ADD DDDEF(SEKGCAS1)
  DA(netview.v1r2m0.SEKGCAS1) SHR.
ADD DDDEF(SEKGLANG)
  DA(netview.v1r2m0.SEKGLANG) SHR.
ADD DDDEF(SEKGLNK1)
  DA(netview.v1r2m0.SEKGLNK1) SHR.
ADD DDDEF(SEKGLUTB)
  DA(netview.v1r2m0.SEKGLUTB) SHR.
ADD DDDEF(SEKGMOD1)
  DA(netview.v1r2m0.SEKGMOD1) SHR.
ADD DDDEF(SEKGMOD2)
  DA(netview.v1r2m0.SEKGMOD2) SHR.
ADD DDDEF(SEKGSMP1)
  DA(netview.v1r2m0.SEKGSMP1) SHR.

```

Figure 39 (Part 3 of 9). CNMJDDNJ



```

ADD DDDEF(ABNJPNL2)
  DA(netview.v1r2m0.ABNJPNL2) SHR.
ADD DDDEF(ACNMCLST)
  DA(netview.v1r2m0.ACNMCLST) SHR.
ADD DDDEF(ACNMINST)
  DA(netview.v1r2m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
  DA(netview.v1r2m0.ACNMLINK) SHR.
ADD DDDEF(ADSIMSG1)
  DA(netview.v1r2m0.ADSIMSG1) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v1r2m0.ADUIMSG1) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v1r2m0.ADSIOPEN) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v1r2m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v1r2m0.ADSIPRF ) SHR.
ADD DDDEF(ACNMPNL1)
  DA(netview.v1r2m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v1r2m0.ACNMSAMP) SHR.
ADD DDDEF(AEGVPS21)
  DA(netview.v1r2m0.AEGVPS21) SHR.
ADD DDDEF(AEKGCAS1)
  DA(netview.v1r2m0.AEKGCAS1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v1r2m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v1r2m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v1r2m0.AEKGMOD1) SHR.
ADD DDDEF(AEKGSMP1)
  DA(netview.v1r2m0.AEKGSMP1) SHR.
ADD DDDEF(ACNMMAC1 )
  DA(netview.v1r2m0.ACNMMAC1) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v1r2m0.ANVULIB ) SHR.
ENDUCL.

```

Figure 39 (Part 4 of 9). CNMJDDNJ

```

SET BDY(dlib1)          /* <=3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(ABNJPNL2)
  DA(netview.v1r2m0.ABNJPNL2) SHR.
ADD DDDEF(ACNMCLST)
  DA(netview.v1r2m0.ACNMCLST) SHR.
ADD DDDEF(ACNMINST)
  DA(netview.v1r2m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
  DA(netview.v1r2m0.ACNMLINK) SHR.
ADD DDDEF(ADSIMSG1)
  DA(netview.v1r2m0.ADSIMSG1) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v1r2m0.ADUIMSG1) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v1r2m0.ADSIOPEN) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v1r2m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v1r2m0.ADSIPRF ) SHR.
ADD DDDEF(ACNMPNL1)
  DA(netview.v1r2m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v1r2m0.ACNMSAMP) SHR.
ADD DDDEF(AEGVPS21)
  DA(netview.v1r2m0.AEGVPS21) SHR.
ADD DDDEF(AEKGCAS1)
  DA(netview.v1r2m0.AEKGCAS1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v1r2m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v1r2m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v1r2m0.AEKGMOD1) SHR.
ADD DDDEF(AEKGSMPI)
  DA(netview.v1r2m0.AEKGSMPI) SHR.
ADD DDDEF(ACNMMAC1)
  DA(netview.v1r2m0.ACNMMAC1) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v1r2m0.ANVULIB ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ENDUCL.
/**

```

Figure 39 (Part 5 of 9). CNMJDDNJ

```

/*DDDEF2 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
//DDDEF2 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SEZLCLST) /* TARGET LIBRARY ZONE DDDEFS */
DA(netview.v1r2m0.SEZLCLST) SHR.
ADD DDDEF(SEZLLINK)
DA(netview.v1r2m0.SEZLLINK) SHR.
ADD DDDEF(SEZLINST)
DA(netview.v1r2m0.SEZLINST) SHR.
ADD DDDEF(SEZLPNLU)
DA(netview.v1r2m0.SEZLPNLU) SHR.
ADD DDDEF(SEZLSAMP)
DA(netview.v1r2m0.SEZLSAMP) SHR.
ADD DDDEF(AEZLCLST)
DA(netview.v1r2m0.AEZLCLST) SHR.
ADD DDDEF(AEZLLINK)
DA(netview.v1r2m0.AEZLLINK) SHR.
ADD DDDEF(AEZLINST)
DA(netview.v1r2m0.AEZLINST) SHR.
ADD DDDEF(AEZLPNLU)
DA(netview.v1r2m0.AEZLPNLU) SHR.
ADD DDDEF(AEZLSAMP)
DA(netview.v1r2m0.AEZLSAMP) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(AEZLCLST) /* DISTRIBUTION LIBRARY ZONE DDDEFS */
DA(netview.v1r2m0.AEZLCLST) SHR.
ADD DDDEF(AEZLLINK)
DA(netview.v1r2m0.AEZLLINK) SHR.
ADD DDDEF(AEZLINST)
DA(netview.v1r2m0.AEZLINST) SHR.
ADD DDDEF(AEZLPNLU)
DA(netview.v1r2m0.AEZLPNLU) SHR.
ADD DDDEF(AEZLSAMP)
DA(netview.v1r2m0.AEZLSAMP) SHR.
ENDUCL.
/*

```

Figure 39 (Part 6 of 9). CNMJDDNJ

```

/*DDDEF3 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
//DDDEF3 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/*
/* ADDITIONAL DATA SETS NEEDED
/* FOR INSTALLING NETVIEW
/* JAPANESE
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SCNMPNL2)
DA(netview.v1r2m0.SCNMPNL2) SHR.
ADD DDDEF(SBNJPNL3)
DA(netview.v1r2m0.SBNJPNL3) SHR.
ADD DDDEF(SCNMMJPN)
DA(netview.v1r2m0.SCNMMJPN) SHR.
ADD DDDEF(SEGVPS22)
DA(netview.v1r2m0.SEGVPS22) SHR.
ADD DDDEF(SEKGPL2)
DA(netview.v1r2m0.SEKGPL2) SHR.
ADD DDDEF(ACNMMJPN)
DA(netview.v1r2m0.ACNMMJPN) SHR.
ADD DDDEF(ABNJPNL3)
DA(netview.v1r2m0.ABNJPNL3) SHR.
ADD DDDEF(ACNMPNL2)
DA(netview.v1r2m0.ACNMPNL2) SHR.
ADD DDDEF(AEGVPS22)
DA(netview.v1r2m0.AEGVPS22) SHR.
ADD DDDEF(AEKGPL2)
DA(netview.v1r2m0.AEKGPL2) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.

```

Figure 39 (Part 7 of 9). CNMJDDNJ

```

UCLIN.
  ADD DDDEF(ACNMMJPN)
    DA(netview.v1r2m0.ACNMMJPN) SHR.
  ADD DDDEF(ABNJPNL3)
    DA(netview.v1r2m0.ABNJPNL3) SHR.
  ADD DDDEF(ACNMPNL2)
    DA(netview.v1r2m0.ACNMPNL2) SHR.
  ADD DDDEF(AEGVPS22)
    DA(netview.v1r2m0.AEGVPS22) SHR.
  ADD DDDEF(AEKGPLN2)
    DA(netview.v1r2m0.AEKGPLN2) SHR.
  ENDUCL.
/*
/*DDDEF4 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
/DDDEF4 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/*
/* ADDITIONAL DATA SETS NEEDED
/* FOR INSTALLING ENTERPRISE
/* NETVIEW
//SMPCNTL DD *
  SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDDEF(SFLBDAT1)
    DA(netview.v1r2m0.SFLBDAT1) SHR.
  ADD DDDEF(AFLBDAT1)
    DA(netview.v1r2m0.AFLBDAT1) SHR.
  ENDUCL.
  SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(AFLBDAT1)
    DA(netview.v1r2m0.AFLBDAT1) SHR.
  ENDUCL.
/*
/*

```

Figure 39 (Part 8 of 9). CNMJDDNJ

```

/*DDDEF5 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
//DDDEF5 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/* SMP/E DATA SETS NEEDED FOR
/* INSTALLING TME 10 NETVIEW
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SMPLOG)
DA(netview.SMPLOG) SHR.
ADD DDDEF(SMPLOGA)
DA(netview.SMPLOGA) SHR.
ADD DDDEF(SMPLTS)
DA(netview.SMPLTS) SHR.
ADD DDDEF(SMPMTS)
DA(netview.SMPMTS) SHR.
ADD DDDEF(SMPPTS)
DA(netview.SMPPTS) SHR.
ADD DDDEF(SMPSCDS)
DA(netview.SMPSCDS) SHR.
ADD DDDEF(SMPSTS)
DA(netview.SMPSTS) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(SMPLOG)
DA(netview.SMPLOG) SHR.
ADD DDDEF(SMPLOGA)
DA(netview.SMPLOGA) SHR.
ADD DDDEF(SMPLTS)
DA(netview.SMPLTS) SHR.
ADD DDDEF(SMPMTS)
DA(netview.SMPMTS) SHR.
ADD DDDEF(SMPPTS)
DA(netview.SMPPTS) SHR.
ADD DDDEF(SMPSCDS)
DA(netview.SMPSCDS) SHR.
ADD DDDEF(SMPSTS)
DA(netview.SMPSTS) SHR.
ENDUCL.
/*
//

```

Figure 39 (Part 9 of 9). CNMJDDNJ

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

If you are going to run RODM, you need to modify and run CNMJDDLE. See the instructions in the sample job for more information.

Figure 40 on page 98 shows sample CNMJDDLE.

```

//CNMJDDLE JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995.
//** ALL RIGHTS RESERVED.
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
//**
//** PROCEDURE: CNMJDDLE
//**
//** FUNCTION:
//** DEFINE TME 10 NETVIEW TARGET AND DLIB DATA SETS
//** FOR LE/370 COMPONENTS (FMID JPZ8303) 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS
//** DDDEFS OR ON DD STATEMENTS IN THE JCL.
//** CHANGE netview.GLOBAL.CSI TO THE DATASET
//** NAME OF YOUR GLOBAL CSI. CNMJSMP E IS A
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND
//** CAN BE USED INSTEAD OF INVOKING SMP/E
//** DIRECTLY. USING THIS PROC WILL OVERRIDE
//** DDDEFS IN SMP/E.
//** 2. YOUR SMP/E TARGET ZONE
//** 3. YOUR SMP/E DLIB ZONE
//** 4. YOU MUST CHANGE cee.v1r5m0 TO BE THE
//** SAME AS THE HIGH LEVEL QUALIFIER YOU USE
//** FOR LE/370.

```

Figure 40 (Part 1 of 2). CNMJDDLE



```

/**          STEPS:          **
/**          **              **
/**          DDDEF1C (ANY NETVIEW'S NEEDING LE/370) **
/**          THIS STEP WILL DEFINE THE DATA SETS NEEDED **
/**          FOR LE/370 COMPONENTS (FMID JPZ8303) **
/**          **              **
/**          EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY **
/**          EXIST) **
/**          **              **
/**          ACTIVITY: **
/**          *****
/**          *****
/**
/**DDDEF1C EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**DDDEF1C EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/**          DATASETS NEEDED FOR
/**          INSTALLING ANY LE/370
/**          COMPONENTS.
/**SMPCNTL DD *
  SET BDY(tgt1) /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.
  ADD DDDEF(SCEELKED)
  DA(cee.v1r5m0.SCEELKED) SHR.
ENDUCL.
  SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SCEELKED)
  DA(cee.v1r5m0.SCEELKED) SHR.
ENDUCL.
/**
/**

```

Figure 40 (Part 2 of 2). CNMJDDLE

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

If you are going to use Methods, you need to modify and run CNMJDDML. See the instructions in the sample job for more information.

Figure 41 on page 100 shows sample CNMJDDML.

```

//CNMJDDML JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJDDML **
//**
//** FUNCTION: **
//** DEFINE TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING **
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL **
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE JCL. **
//** CHANGE netview.GLOBAL.CSI TO THE DATASET **
//** NAME OF YOUR GLOBAL CSI. CNMJSMP IS A **
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND **
//** CAN BE USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL OVERRIDE **
//** DDDEFS IN SMP/E. **
//** 2. YOUR SMP/E TARGET ZONE **
//** 3. YOUR SMP/E DLIB ZONE **

```

Figure 41 (Part 1 of 3). CNMJDDML

```

/**          4. YOU MUST CHANGE cee.v1r5m0 TO BE THE          **
/**          SAME AS THE HIGH LEVEL QUALIFIER YOU USE          **
/**          FOR LE/370.                                       **
/**          STEPS:                                           **
/**          DDDEF1F (METHODS USING LE/370)                   **
/**          THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**          FOR USING RODM, GMFHS, AND SNATM WITH LE/370     **
/**          (FMIDS JPZ8306 AND JPZ8346)                       **
/**          EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY **
/**          EXIST)                                           **
/**          ACTIVITY:                                         **
/**          ****
/**          ****
/**          **
/**          THE FOLLOWING IS FOR YOU TO USE WHEN LINKING THE METHODS
/**          (JPZ8306 AND JPZ8346) FMIDS. THEY HAVE BEEN DESIGNED
/**          TO WORK WITH THE JCLIN FOR THIS METHOD BY SUBSTITUTING FOR
/**          THE GENERIC DDNAMES OF SCNMTH1, SCNMTH2 AND SCNMTH3.
/**          THESE GENERIC NAMES FOR DDNAMES WILL BE USED DURING THE
/**          APPLY STEPS FOR JPZ8306 AND JPZ8346.
/**          IF YOU ARE USING LE/370 AS YOUR HIGH LEVEL LANGUAGE, THEN
/**          USE DDDEF1F.
/**          IF YOU NEED TO CHANGE THE LIBRARY NAMES TO MATCH THE NAMES
/**          OF YOUR HIGH LEVEL LANGUAGE LIBRARIES, BE SURE TO LEAVE
/**          DDDEFS FOR THE DDNAMES SCNMTH1, SCNMTH2 AND SCNMTH3.
/**          THE SMP/E APPLIES FOR JPZ8306 AND JPZ8346 WILL BE LOOKING
/**          FOR ALL 3 DDNAMES.
/**

```

Figure 41 (Part 2 of 3). CNMJDDML

```

/*DDDEF1F EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
//DDDEF1F EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/*
/* DATASETS NEEDED FOR
/* INSTALLING METHODS IF YOU
/* ARE USING LE/370 YOUR HIGH
/* LEVEL LANGUAGE
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.
ADD DDDEF(SCNMMTH1)
DA(cee.v1r5m0.SCEELKED) SHR.
ADD DDDEF(SCNMMTH2)
DA(cee.v1r5m0.SCEELKED) SHR.
ADD DDDEF(SCNMMTH3)
DA(cee.v1r5m0.SCEELKED) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(SCNMMTH1)
DA(cee.v1r5m0.SCEELKED) SHR.
ADD DDDEF(SCNMMTH2)
DA(cee.v1r5m0.SCEELKED) SHR.
ADD DDDEF(SCNMMTH3)
DA(cee.v1r5m0.SCEELKED) SHR.
ENDUCL.
/*
//

```

Figure 41 (Part 3 of 3). CNMJDDML

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

If you are going to install TME 10 NetView for OS/390 Version 1 Release 2 FMID JPZ8307 UNIX Services Related Components, you need to modify and run CNMJDDUX. See the instructions in the sample job for more information.

**Note:** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMP. If you need to do so, uncomment the following statement after the 'DDDEFUX EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

Figure 42 on page 103 shows sample CNMJDDUX.

```

//CNMJDDUX JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1998
//** ALL RIGHTS RESERVED.
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
//**
//** PROCEDURE: CNMJDDUX
//**
//** FUNCTION:
//** DEFINE TME 10 NETVIEW TARGET AND DLIB DATA SETS
//** TO YOUR SMP/E ENVIRONMENT FOR OS/390 UNIX SERVICES
//** RELATED COMPONENTS
//**
//** 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; HOWEVER, DO NOT UPPER
//** CASE THE PATH INFORMATION FOR THE OS/390 UNIX
//** SERVICES HFS DIRECTORY. THIS PATH INFORMATION
//** MUST BE SPECIFIED EXACTLY AS IT APPEARS BELOW.
//** SPECIFIC ITEMS NEEDING CUSTOMIZATION INCLUDE:
//** 1. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS
//** DDDEFS OR ON DD STATEMENTS IN THE JCL.
//** CHANGE netview.GLOBAL.CSI TO THE DATASET
//** NAME OF YOUR GLOBAL CSI. CNMJSMP IS A
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND
//** CAN BE USED INSTEAD OF INVOKING SMP/E
//** DIRECTLY. USING THIS PROC WILL OVERRIDE
//** DDDEFS IN SMP/E.
//** 2. YOUR SMP/E TARGET ZONE
//** 3. YOUR SMP/E DLIB ZONE
//**

```

Figure 42 (Part 1 of 2). CNMJDDUX

```

/**      EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY      **
/**                                          EXIST)                **
/**                                          **
/**      ACTIVITY:                                             **
/*******
/*******
/**
/*DDDEFUX EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/DDDEFUX EXEC cnmjsmpe <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SCNMUXLK)
DA(netview.v1r2m0.SCNMUXLK) SHR.
ADD DDDEF(SCNMUXCL)
DA(netview.v1r2m0.SCNMUXCL) SHR.
ADD DDDEF(SCNMUX00)
PATH('/usr/lpp/netview/bin/IBM/'). /* DO NOT UPPER CASE*/
ADD DDDEF(SCNMUXMS)
DA(netview.v1r2m0.SCNMUXMS) SHR.
ADD DDDEF(ACNMUXLK)
DA(netview.v1r2m0.ACNMUXLK) SHR.
ADD DDDEF(ACNMUXCL)
DA(netview.v1r2m0.ACNMUXCL) SHR.
ADD DDDEF(ACNMUXMS)
DA(netview.v1r2m0.ACNMUXMS) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(ACNMUXLK)
DA(netview.v1r2m0.ACNMUXLK) SHR.
ADD DDDEF(ACNMUXCL)
DA(netview.v1r2m0.ACNMUXCL) SHR.
ADD DDDEF(ACNMUXMS)
DA(netview.v1r2m0.ACNMUXMS) SHR.
ENDUCL.
/*
//

```

Figure 42 (Part 2 of 2). CNMJDDUX

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

## 6.1.6 Allocate SMP/E Target and Distribution Libraries

Ensure that the TME 10 NetView for OS/390 Version 1 Release 2 target and distribution libraries have sufficient space. If you are installing an Unattended system refer to Figure 22 on page 31 and Figure 23 on page 33 for proper sizes. If you are installing a Procedural system refer to Figure 24 on page 34 and Figure 25 on page 36 for proper sizes, and if you are installing a Graphical Enterprise system refer to Figure 26 on page 38 and Figure 27 on page 40. To allow for maintenance, the space allocations in the allocation samples are larger than the actual minimum space required.

Remember, if you first install an Unattended system, and then, at a later time, decide to migrate to a Procedural system, you will need to enlarge some datasets (for example, the panel datasets).

Remember, if you first install an Unattended or Procedural system, and then, at a later time, decide to migrate to a Graphical Enterprise system, you may need to enlarge your datasets. To find out how much larger your datasets must be for a Graphical Enterprise system you should use the charts listed in section 5.2.3, "DASD Storage Requirements" on page 27. In some cases you will need to create new datasets, as there are some datasets that are only used in the Graphical Enterprise system.

If you are installing the NetView program for the first time, the allocation samples, (CNMJALJU, CNMJALJP, CNMJALJE, and CNMJALUX), can be used to create the target and distribution libraries which are used exclusively by TME 10 NetView for OS/390 Version 1 Release 2.

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 the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*.

### 6.1.6.1 Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 and Its Features

**6.1.6.1.1 Unattended TME 10 NetView for OS/390 Version 1 Release 2:** For Unattended TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALJU, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries. After running CNMJALJU you should proceed to 6.1.8, "Perform SMP/E RECEIVE" on page 145, unless you are installing the optional FMID JPZ8307. If you are installing FMID JPZ8307 proceed to CNMJALUX noted in Figure 46 on page 139. CNMJALEU should end with a return code of 0.

```

//CNMJALJU JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//** **
//** PROCEDURE: CNMJALJU **
//** **
//** FUNCTION: **
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION **
//** DATA SETS FOR THE TME 10 NETVIEW UNATTENDED **
//** JAPANESE VERSION 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 DIST VOL **
//** 7. NetView now provides its own MACLIB, rather **
//** than using SYS1.MACLIB. These MACLIBs are **
//** called netview.v1r2m0.SCNMMAC1 and **
//** netview.v1r2m0.ACNNMAC1. **
//** **
//** EXPECTED COND CODE: 0000 **
//** **
//** ACTIVITY: **
//*****

```

Figure 43 (Part 1 of 9). CNMJALJU



```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
/** TARGET LIBRARIES FOR TME 10 NETVIEW UNATTENDED JAPANESE **
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(700,,20)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(4000,100,200)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,5,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,5,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMMAC1 DD DSN=&HLQ..&SLQ.SCNMMAC1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,250,25)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(90,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 43 (Part 2 of 9). CNMJALJU

```

//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(800,50,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(120,50,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(10,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(50,5,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SDUIMSG1 DD DSN=&HLQ..&SLQ.SDUIMSG1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 3 of 9). CNMJALJU

```

//BNJPNL2   DD DSN=&HLQ..&SLQ.BNJPNL2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(25,5,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SDSIMSG1  DD DSN=&HLQ..&SLQ.SDSIMSG1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(10,5,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SEGVPS21  DD DSN=&HLQ..&SLQ.SEGVPS21,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6148,(7500,250,10)),
//           DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//           DISP=(NEW,CATLG)
//SEKGLNK1  DD DSN=&HLQ..&SLQ.SEKGLNK1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(5,5,1)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGMOD1  DD DSN=&HLQ..&SLQ.SEKGMOD1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(600,50,10)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGMOD2  DD DSN=&HLQ..&SLQ.SEKGMOD2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(150,25,4)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGSMP1  DD DSN=&HLQ..&SLQ.SEKGSMP1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(500,50,15)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)

```

Figure 43 (Part 4 of 9). CNMJALJU

```

//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(100,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(200,25,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 5 of 9). CNMJALJU

```

//SEKGPNL2 DD DSN=&HLQ..&SLQ.SEKGPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//*****
//* DISTRIBUTION LIBRARIES TME 10 NETVIEW UNATTENDED JAPANESE **
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,50,20)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(8000,250,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(90,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(90,15,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMAC1 DD DSN=&HLQ..&SLQ.ACNMMAC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1000,250,40)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,60,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 6 of 9). CNMJALJU

```

//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(120,25,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPRF  DD DSN=&HLQ..&SLQ.ADSIPRF,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ANVULIB  DD DSN=&HLQ..&SLQ.ANVULIB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(60,5,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(25,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(7500,250,10)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 7 of 9). CNMJALJU

```

//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1000,250,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,50,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(40,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 8 of 9). CNMJALJU

```

//AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(100,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(200,50,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGPNL2 DD DSN=&HLQ..&SLQ.AEKGPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r2m0.',        <==2 DATA SET SECOND LEVEL
//          TUNIT=disk,           <==3 TGT LIB UNIT TYPE
//          TVOLID=ttttt,        <==4 TGT LIB VOLSER
//          DUNIT=disk,          <==5 DIST LIB UNIT TYPE
//          DVOLID=dddddd        <==6 DIST LIB VOLSER

```

Figure 43 (Part 9 of 9). CNMJALJU

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.



**6.1.6.1.2 Procedural TME 10 NetView for OS/390 Version 1 Release 2:** For Procedural TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALJP, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries. After running CNMJALJP you should proceed to 6.1.8, “Perform SMP/E RECEIVE” on page 145, unless you are installing the optional FMID JPZ8307. If you are installing FMID JPZ8307 proceed to CNMJALUX noted in Figure 46 on page 139. CNMJALJP should end with a return code of 0.

```

//CNMJALJP JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995.
//** ALL RIGHTS RESERVED.
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
//**
//** PROCEDURE: CNMJALJP
//**
//** FUNCTION:
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION
//** DATA SETS FOR THE TME 10 NETVIEW PROCEDURAL
//** JAPANESE VERSION 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 DIST VOL
//** 7. NetView now provides its own MACLIB, rather
//** than using SYS1.MACLIB. These MACLIBs are
//** called netview.v1r2m0.SCNMMAC1 and
//** netview.v1r2m0.ACNMMAC1.
//**
//** EXPECTED COND CODE: 0000
//**
//** ACTIVITY:
//*****

```

Figure 44 (Part 1 of 11). CNMJALJP

```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
/** TARGET LIBRARIES FOR TME 10 NETVIEW PROCEDURAL JAPANESE **
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(700,,20)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(4000,100,200)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,5,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,5,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMMAC1 DD DSN=&HLQ..&SLQ.SCNMMAC1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,250,25)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(90,5,4)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 2 of 11). CNMJALJP

```

//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(3200,250,200)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(800,50,30)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(700,50,35)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,5,6)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(50,5,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SDUIMSG1 DD DSN=&HLQ..&SLQ.SDUIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 3 of 11). CNMJALJP

```

//BNJPNL2 DD DSN=&HLQ..&SLQ.BNJPNL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(75,10,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6148,(7500,250,10)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(5,5,1)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(600,50,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(150,25,6)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGSMP1 DD DSN=&HLQ..&SLQ.SEKGSMP1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(500,50,15)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 4 of 11). CNMJALJP

```

//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(60,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4600,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 5 of 11). CNMJALJP

```

//SEKGPL2 DD DSN=&HLQ..&SLQ.SEKGPL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,5,4)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLCLST DD DSN=&HLQ..&SLQ.SEZLCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(4800,10,135)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLINST DD DSN=&HLQ..&SLQ.SEZLINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLPNLU DD DSN=&HLQ..&SLQ.SEZLPNLU,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,50,100)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLSAMP DD DSN=&HLQ..&SLQ.SEZLSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(100,25,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLLINK DD DSN=&HLQ..&SLQ.SEZLLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(230,10,15)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 6 of 11). CNMJALJP

```

//*****
//* DISTRIBRIBUTION LIBRARIES FOR TME 10 NETVIEW PROCEDURAL JAP *
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,,20)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(8000,250,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(90,10,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMAC1 DD DSN=&HLQ..&SLQ.ACNMMAC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1000,250,40)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,250,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 7 of 11). CNMJALJP



```

//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,50,35)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPRF  DD DSN=&HLQ..&SLQ.ADSIPRF,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,5,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ANVULIB  DD DSN=&HLQ..&SLQ.ANVULIB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(60,5,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,5,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(7500,250,10)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 8 of 11). CNMJALJP

```

//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1000,250,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,50,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 9 of 11). CNMJALJP

```

//AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(50,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4600,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGNL2  DD DSN=&HLQ..&SLQ.AEKGNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLCLST DD DSN=&HLQ..&SLQ.AEZLCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4800,100,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLINST DD DSN=&HLQ..&SLQ.AEZLINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLPNLU DD DSN=&HLQ..&SLQ.AEZLPNLU,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1200,100,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 10 of 11). CNMJALJP

```

//AEZLSAMP DD DSN=&HLQ..&SLQ.AEZLSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLLINK DD DSN=&HLQ..&SLQ.AEZLLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(230,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r2m0.',        <==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 44 (Part 11 of 11). CNMJALJP

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

**6.1.6.1.3 Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 2:** For Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALJE, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries. After running CNMJALJE you should proceed to 6.1.8, "Perform SMP/E RECEIVE" on page 145, unless you are installing the optional FMID JPZ8307. If you are installing FMID JPZ8307 proceed to CNMJALUX noted in Figure 46 on page 139. CNMJALJE should end with a return code of 0.

```

//CNMJALJE JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//** **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//** **
//** PROCEDURE: CNMJALJE **
//** **
//** FUNCTION: **
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION DATA **
//** SETS FOR THE TME 10 NETVIEW GRAPHICAL ENTERPRISE **
//** JAPANESE VERSION 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 DIST VOL **
//** 7. NetView now provides its own MACLIB, rather **
//** than using SYS1.MACLIB. These MACLIBs are **
//** called netview.v1r2m0.SCNMMAC1 and **
//** netview.v1r2m0.ACNNMAC1. **
//** **
//** EXPECTED COND CODE: 0000 **
//** **
//** ACTIVITY: **
//*****

```

Figure 45 (Part 1 of 11). CNMJALJE

```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
//** TARGET LIBRARIES FOR NETVIEW ENTERPRISE JAPANESE **
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1200,,100)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(8000,250,200)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,5,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,5,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMMAC1 DD DSN=&HLQ..&SLQ.SCNMMAC1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,250,25)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(90,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 45 (Part 2 of 11). CNMJALJE

```

//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(3200,250,200)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(2000,250,500)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(700,50,35)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,5,6)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(50,5,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SDUIMSG1 DD DSN=&HLQ..&SLQ.SDUIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 45 (Part 3 of 11). CNMJALJE



```

//BNJPNL2 DD DSN=&HLQ..&SLQ.BNJPNL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(75,25,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6148,(27000,250,20)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(5,5,1)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(600,50,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(1500,250,25)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGSMP1 DD DSN=&HLQ..&SLQ.SEKGSMP1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(600,50,15)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 45 (Part 4 of 11). CNMJALJE

```

//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SFLBDAT1 DD DSN=&HLQ..&SLQ.SFLBDAT1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(23648,(40,5,6)),
//          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23648),
//          DISP=(NEW,CATLG)
//SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3000,150,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(130,50,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 45 (Part 5 of 11). CNMJALJE

```

//SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(90,5,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SEKGPL2  DD DSN=&HLQ..&SLQ.SEKGPL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLCLST DD DSN=&HLQ..&SLQ.SEZLCLST,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4800,10,135)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLINST DD DSN=&HLQ..&SLQ.SEZLINST,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLPNLU DD DSN=&HLQ..&SLQ.SEZLPNLU,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(1000,100,100)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLSAMP DD DSN=&HLQ..&SLQ.SEZLSAMP,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLLINK DD DSN=&HLQ..&SLQ.SEZLLINK,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(230,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 45 (Part 6 of 11). CNMJALJE

```

//*****
//* DISTRIBUTION LIBRARIES NETVIEW ENTERPRISE JAPANESE **
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,50,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(12000,250,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(90,10,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3500,250,250)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMAC1 DD DSN=&HLQ..&SLQ.ACNMMAC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1000,250,40)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(2000,250,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,50,35)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 45 (Part 7 of 11). CNMJALJE

```

//ADSIPRF DD DSN=&HLQ..&SLQ.ADSIPRF,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,6)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ANVULIB DD DSN=&HLQ..&SLQ.ANVULIB,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(60,5,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(100,10,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6148,(27000,250,20)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 45 (Part 8 of 11). CNMJALJE

```

//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1600,250,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,50,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AFLBDAT1 DD DSN=&HLQ..&SLQ.AFLBDAT1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(23648,(40,5,6)),
//          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23648),
//          DISP=(NEW,CATLG)
//ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3000,150,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 45 (Part 9 of 11). CNMJALJE

```

//AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(200,50,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(100,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGNL2  DD DSN=&HLQ..&SLQ.AEKGNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLCLST DD DSN=&HLQ..&SLQ.AEZLCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4800,10,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLINST DD DSN=&HLQ..&SLQ.AEZLINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLPNLU DD DSN=&HLQ..&SLQ.AEZLPNLU,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1200,100,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 45 (Part 10 of 11). CNMJALJE

```

//AEZLSAMP DD DSN=&HLQ..&SLQ.AEZLSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLLINK DD DSN=&HLQ..&SLQ.AEZLLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(230,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r2m0.',        <==2 DATA SET SECOND LEVEL
//          TUNIT=disk,           <==3 TGT LIB UNIT TYPE
//          TVOLID=ttttt,        <==4 TGT LIB VOLSER
//          DUNIT=disk,          <==5 DIST LIB UNIT TYPE
//          DVOLID=dddddd        <==6 DIST LIB VOLSER

```

Figure 45 (Part 11 of 11). CNMJALJE

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.



**6.1.6.1.4 TME 10 NetView for OS/390 Version 1 Release 2:** For TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALUX, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries, before proceeding to 6.1.7, "Create Hierarchical File System Directories" on page 141. CNMJALUX allocates target and distribution libraries for OS/390 UNIX Services Related Components contained in FMID JPZ8307. CNMJALUX should end with a return code of 0.

```
//CNMJALUX JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1998
//** ALL RIGHTS RESERVED.
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
//**
//** PROCEDURE: CNMJALUX
//**
//** FUNCTION:
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION
//** DATA SETS FOR TME 10 NETVIEW OS/390 UNIX SERVICES
//** RELATED COMPONENTS 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 DIST VOL
//**
//** EXPECTED COND CODE: 0000
//**
//** ACTIVITY:
//*****
```

Figure 46 (Part 1 of 3). CNMJALUX

```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
/** TARGET LIBRARIES FOR TME 10 NETVIEW OS/390 OPEN EDITION **
//*****
//SCNMUXLK DD DSN=&HLQ..&SLQ.SCNMUXLK,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(120,50,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SCNMUXCL DD DSN=&HLQ..&SLQ.SCNMUXCL,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8256,(30,10,25)),
//          DCB=(LRECL=516,RECFM=VB,BLKSIZE=8256),
//          DISP=(NEW,CATLG)
//SCNMUXMS DD DSN=&HLQ..&SLQ.SCNMUXMS,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(500,100,250)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//*****
/** DIST. LIBRARIES FOR TME 10 NETVIEW OS/390 OPEN EDITION **
//*****
//ACNMUXLK DD DSN=&HLQ..&SLQ.ACNMUXLK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(120,50,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMUXCL DD DSN=&HLQ..&SLQ.ACNMUXCL,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8256,(30,10,25)),
//          DCB=(LRECL=516,RECFM=VB,BLKSIZE=8256),
//          DISP=(NEW,CATLG)
//ACNMUXMS DD DSN=&HLQ..&SLQ.ACNMUXMS,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,100,250)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//          PEND

```

Figure 46 (Part 2 of 3). CNMJALUX

```

//ALLOCATE EXEC CNMALLOC,
//      HLQ=netview,           <==1 DATA SET HIGH LEVEL
//      SLQ='v1r2m0.',        <==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 46 (Part 3 of 3). CNMJALUX

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

## 6.1.7 Create Hierarchical File System Directories

For TME 10 NetView for OS/390 Version 1 Release 2, edit and submit sample CNMJMKUX if you are installing FMID JPZ8307.

CNMJMKUX creates HFS directories for OS/390 UNIX Services Related Components contained in FMID JPZ8307. CNMJMKUX must be run by a userid that has superuser authority (for example, ROOT), and superuser authority must be activated.

CNMJMKUX should end with a return code of 0.

```

//CNMJMKUX JOB 'ACCOUNTING INFORMATION','CREATE HFS DIRECTORY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1998
//** ALL RIGHTS RESERVED.
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
//**
//** PROCEDURE: CNMJMKUX
//**
//** FUNCTION:
//** CREATE TME 10 NETVIEW HIERARCHICAL FILE SYSTEM
//** (HFS) STRUCTURE FOR YOUR TARGET LIBRARIES FOR
//** OS/390 UNIX SERVICES RELATED COMPONENTS
//**
//** NOTE:
//** THIS JOB MUST BE RUN BY A USERID THAT HAS
//** SUPERUSER AUTHORITY AND SUPERUSER AUTHORITY
//** MUST BE ACTIVATED. BEFORE RUNNING THIS JOB,
//** ENSURE THAT THE HFS DIRECTORY /usr/lpp CURRENTLY
//** EXISTS ON YOUR HFS TARGET FILE SYSTEM. SUBMIT
//** THIS JOB WITHOUT CHANGE (EXCEPT FOR THE JOB
//** CARD INFORMATION) TO MVS AS THIS PRODUCT DOES
//** NOT ALLOW FOR CHANGING THE DIRECTORY STRUCTURE.
//**
//** EXPECTED CONDITION CODE: 0000
//**
//** ACTIVITY:
//*****
//*
//CNMJMKD1 EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT2 DD DSN=&&SYSEXEC(CNMJMKDR),DISP=(,PASS),UNIT=SYSDA,
// SPACE=(TRK,(1,1,1))
//SYSUT1 DD *,DLM=@@

```

Figure 47 (Part 1 of 4). CNMJMKUX

```

/* REXX */
/*****/
/*
/* LICENSED MATERIALS - PROPERTY OF IBM
/* 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1998
/* ALL RIGHTS RESERVED.
/*
/* US GOVERNMENT USERS RESTRICTED RIGHTS
/* - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.
/*
/*****/
/*
/* THIS REXX PROGRAM MUST BE RUN FROM A USERID THAT HAS
/* SUPERUSER AUTHORITY.
/*
/* THIS PROGRAM WILL CREATE ALL HFS DIRECTORIES NECESSARY
/* TO INSTALL TME 10 NETVIEW FOR OS/390. THE FOLLOWING
/* HFS DIRECTORY SHOULD EXISTS WHEN THIS REXX PROGRAM
/* COMPLETES: /usr/lpp/netview/bin/IBM
/*
/* USER CHOICES:
/* - NONE
/*
/* ANY ERRORS WILL BE PRINTED TO THE SCREEN AS WELL AS TO
/* AN ERROR LOG DATA SET CALLED:
/* userid.CNMJMKDR.FAERROR
/*
/* INITIAL SETTINGS:
/* - $root = /usr/lpp
/*
/*****/
$root = "/usr/lpp/"
call syscalls('ON')
Parse var $root .
rlen = Length($root)
firstchar = Substr($root,1,1)
secchar = Substr($root,2,1)
lastchar = Substr($root,rlen,1)
Select
  When firstchar = "'" & secchar ^= "/" & lastchar ^= "/" then
    Do
      newlen = rlen -1
      $root = Substr($root,2,newlen)
      $root = "'/"$root"/"
    End

```

Figure 47 (Part 2 of 4). CNMJMKUX

```

When firstchar = "" & secchar = "/" & lastchar ^= "/" then
    $root = $root"/"
When firstchar = "/" & lastchar ^= "/" then $root = ""$root"/"
When firstchar = "/" & lastchar = "/" then $root = ""$root
When firstchar ^= "/" & firstchar ^= "" & lastchar = "/" then
    $root = ""/$root
When firstchar ^= "/" & firstchar ^= "" & lastchar ^= "/" then
    $root = ""/$root"/"

Otherwise nop
End
$bit = 'OFF'
x=outtrap(mm.,'NOCONCAT')
'PROFILE'
If Pos(NOMSGID,mm.1) > 0 then num = '3'
Else num = '4'
x=outtrap(OFF)
  say 'The CNMJMKDR EXEC has begun; this may take a few minutes.'
x=outtrap(mm.,'NOCONCAT')
$rc= '0'
call syscallm mkdir $root"netview/" '755'
call syscallm mkdir $root"netview/bin/" '755'
call syscallm mkdir $root"netview/bin/IBM/" '755'

say 'The CNMJMKDR EXEC has completed. RtnCode..' $rc
if $rc = 0 then do
  "FREE DA(CNMJMKDR.FAERROR)"
  "DELETE CNMJMKDR.FAERROR PURGE"
end
x=outtrap(off)
Exit $rc

syscallm:
  parse arg cmd
  address syscall cmd
  if (rc=0 & retval^=0) | rc^= 0 then do
    If $bit = 'OFF' then
      Do
        "FREE DA(CNMJMKDR.FAERROR)"
        IF SYSDSN(CNMJMKDR.FAERROR)='OK' Then
          "DELETE CNMJMKDR.FAERROR PURGE"
          "ALLOCATE DATASET(CNMJMKDR.FAERROR) DSORG(PS) NEW
          BLOCK(8000) LRECL(80) RECFM(F,B) SPACE(2,10)"
          "FREE DA(CNMJMKDR.FAERROR)"
          "ALLOCATE DA(CNMJMKDR.FAERROR) FI(FAERROR) MOD"
          $bit = 'ON'
        End
      End
    End
  End

```

Figure 47 (Part 3 of 4). CNMJMKUX

```

If errno = 75 then do
  push ''
  push '          RC='rc ' RETVAL='retval ||,
        ' ERRNO='errno ' ERRNOJR='errnojrc
  push 'Error occurred for:' cmd
  "ALLOCATE DA(CNMJMKDR.FAERROR) FI(FAERROR) MOD"
  "EXECIO 3 DISKW FAERROR ( FINIS"
  "FREE FI(FAERROR)"
  $rc = '12'
end
end
return
@@
//CNMJMKD2 EXEC PGM=IKJEFT01
//SYSEXEC DD DSN= &&SYSEXEC, DISP=(OLD,DELETE)
//SYSTSPRT DD SYSOUT=*
//SYSTSIN DD *
PROF MSGID
CNMJMKDR
/*
//

```

Figure 47 (Part 4 of 4). CNMJMKUX

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

## 6.1.8 Perform SMP/E RECEIVE

Edit and submit sample receive job to perform the SMP/E RECEIVE for TME 10 NetView for OS/390 Version 1 Release 2. Consult the instructions in the sample job for more information. Following is a table for each receive job which will receive one or more FMIDs. Depending on which system (Unattended, Procedural or Graphical Enterprise) you are installing, you will need to run different RECEIVE jobs. Figure 48 will show you which RECEIVE jobs to run, and which FMIDs they will RECEIVE.

**Note:** If you obtained TME 10 NetView for OS/390 Version 1 Release 2 as part of a CBPDO, you can use the RCPDO job found in the CBPDO RIMLIB data set to RECEIVE the TME 10 NetView for OS/390 Version 1 Release 2 FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included with the CBPDO.

Figure 48. Which Receive Jobs to Run

System ordered	RECEIVE jobs to run	FMIDs received
Unattended	CNMJRC06	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307
Procedural	CNMJRC06 CNMJRC25	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325
Graphical Enterprise	CNMJRC06 CNMJRC25 CNMJRC45 CNMJRC55	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355
TPServer*	IHSAZREC	H23H100
* Refer to Appendix C for TPServer installation information.		

**Note:** The base component (FMID HPZ8300) must be received before any of the other components. Also, for each RECEIVE job supplied, the first FMID listed, (the one whose FMID ends with 0) must be received before any other FMIDs listed in that RECEIVE job. You may also RECEIVE all the FMIDs in one job.

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 49 through 52 show the RECEIVE samples.

**Note:** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'CNMJRCxx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

The following JCL should be run for Unattended, Procedural, and Graphical Enterprise.



```

//CNMJRC06 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC06 **
//**
//** FUNCTION: **
//**
//** THE FMIDS ARE ADDED TO THE SMP/E DATABASE AND THE **
//** REL FILES ASSOCIATED WITH THE FMIDS ARE UNLOADED **
//** FROM THE TAPE AND PLACED ON THE TARGET VOLUME. **
//**
//** RECEIVE THE HPZ8300 FUNCTION (NETVIEW UNATT. BASE) **
//** RECEIVE THE JPZ8303 FUNCTION (NETVIEW UNATT. LE/370) **
//** RECEIVE THE JPZ8305 FUNCTION (UNATTENDED JAPANESE) **
//** RECEIVE THE JPZ8306 FUNCTION (UNATTENDED METHODS) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW UNATTENDED JAPANESE **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE 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: **

```

Figure 49 (Part 1 of 3). CNMJRC06

```

/**          1. SMP/E PROCEDURE NAME. IF YOU ARE      **
/**          INVOKING SMP/E DIRECTLY USING          **
/**          GIMSMP, BE SURE ALL DATA SETS        **
/**          REQUIRED BY SMP/E ARE DEFINED AS       **
/**          DDDEFS OR ON DD STATEMENTS IN THE    **
/**          JCL. CHANGE netview.GLOBAL.CSI TO    **
/**          THE DATASET NAME OF YOUR GLOBAL      **
/**          CSI. CNMJSMP IS A SAMPLE PROVIDED    **
/**          FOR YOUR CONVENIENCE AND CAN BE      **
/**          USED INSTEAD OF INVOKING SMP/E      **
/**          DIRECTLY. USING THIS PROC WILL      **
/**          OVERRIDE DDDEFS IN SMP/E.          **
/**          2. YOUR NETVIEW TARGET VOLUME        **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES    **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
/**          SMPPTS DATA SETS.                  **
/**          5. UNCOMMENT FMID JPZ8307 TO RECEIVE **
/**          OS/390 UNIX SERVICES RELATED        **
/**          COMPONENTS.                        **
/**          **                                  **
/**          OUTPUT:                             **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                  **
/**          ACTIVITY:                           **
/**          **                                  **
/**          *****

```

Figure 49 (Part 2 of 3). CNMJRC06

```

//*****
//*CNMJRC06 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
//*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
//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=JZ8300,
// UNIT=tape,LABEL=(1,SL), <==3 UNIT NAME
// DISP=OLD
//SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
//SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
//SMPCNTL DD *
SET BDY(GLOBAL) .
RECEIVE S(
        HPZ8300 /* NETVIEW UNATTENDED */
        JPZ8303 /* NETVIEW UNATT. LE/370 */
        JPZ8305 /* NETVIEW UNATT. JAPANESE */
        JPZ8306 /* NETVIEW UNATT. METHODS */
/* JPZ8307 /* <==5 UNIX SERVICES COMPONENTS*/
)
SYSMODS
LIST
.
/*
//

```

Figure 49 (Part 3 of 3). CNMJRC06

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

The following JCL should be run for Procedural and Graphical Enterprise.

```

//CNMJRC25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC25 **
//**
//** FUNCTION: **
//** THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//** REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//** FROM THE TAPE AND PLACED ON THE TARGET VOLUME. **
//**
//** RECEIVE THE JPZ8320 FUNCTION (PROCEDURAL BASE) **
//** RECEIVE THE JPZ8325 FUNCTION (PROCEDURAL JAPANESE)**
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMPE IS A SAMPLE PROVIDED **

```

Figure 50 (Part 1 of 2). CNMJRC25

```

/**          FOR YOUR CONVENIENCE AND CAN BE      **
/**          USED INSTEAD OF INVOKING SMP/E      **
/**          DIRECTLY. USING THIS PROC WILL     **
/**          OVERRIDE DDDEFS IN SMP/E.         **
/**          2. YOUR NETVIEW TARGET VOLUME     **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
/**          SMPPTS DATA SETS.                **
/**          **                                  **
/**          OUTPUT:                            **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                  **
/**          ACTIVITY:                          **
/**          **                                  **
/**          *****                            **
/**          *****                            **
/**          /*CNMJRC25 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJRC25 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=JZ8320,
/**          //          UNIT=tape,LABEL=(1,SL),        <==3 UNIT NAME
/**          //          DISP=OLD
/**          /*SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
/**          /*SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
/**          /*SMPCNTL DD *
/**          SET      BDY(GLOBAL) .
/**          RECEIVE S(
/**                   JPZ8320          /* NETVIEW PROCEDURAL BASE */
/**                   JPZ8325          /* NETVIEW PROCEDURAL JAPANESE */
/**                   )
/**          SYSMODS
/**          LIST
/**          .
/**
/**

```

Figure 50 (Part 2 of 2). CNMJRC25

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

The following JCL should be run for Graphical Enterprise.

```

//CNMJRC45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC45 **
//**
//** FUNCTION: **
//** THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//** REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//** FROM THE TAPE AND PLACED ON THE TARGET VOLUME. **
//**
//**
//** RECEIVE THE JPZ8340 FUNCTION (ENTERPRISE BASE) **
//** RECEIVE THE JPZ8345 FUNCTION (ENTERPRISE JAPANESE) **
//** RECEIVE THE JPZ8346 FUNCTION (GMFHS/SNATM METHODS) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW ENTERPRISE 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: **

```

Figure 51 (Part 1 of 2). CNMJRC45

```

/**          1. SMP/E PROCEDURE NAME. IF YOU ARE      **
/**          INVOKING SMP/E DIRECTLY USING           **
/**          GIMSMP, BE SURE ALL DATA SETS         **
/**          REQUIRED BY SMP/E ARE DEFINED AS        **
/**          DDDEFS OR ON DD STATEMENTS IN THE     **
/**          JCL. CHANGE netview.GLOBAL.CSI TO     **
/**          THE DATASET NAME OF YOUR GLOBAL       **
/**          CSI. CNMJSMP IS A SAMPLE PROVIDED     **
/**          FOR YOUR CONVENIENCE AND CAN BE       **
/**          USED INSTEAD OF INVOKING SMP/E       **
/**          DIRECTLY. USING THIS PROC WILL        **
/**          OVERRIDE DDDEFS IN SMP/E.            **
/**          2. YOUR NETVIEW TARGET VOLUME         **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES     **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
/**          SMPPTS DATA SETS.                   **
/**          **                                     **
/**          OUTPUT:                               **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                     **
/**          ACTIVITY:                             **
/**          **                                     **
/**          *****                               **
/**          *****                               **
/**          /*CNMJRC45 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJRC45 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=JZ8340,
/**          //          UNIT=tape,LABEL=(1,SL),      <==3 UNIT NAME
/**          //          DISP=OLD
/**          //SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
/**          //SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
/**          //SMPCNTL DD *
/**          SET BDY(GLOBAL) .
/**          RECEIVE S(
/**          JPZ8340 /* NETVIEW ENTERPRISE BASE      */
/**          JPZ8345 /* TME 10 ENTERPRISE JAPANESE  */
/**          JPZ8346 /* TME 10 ENTERPRISE GMFHS/SNATM METHODS*/
/**          )
/**          SYSMODS
/**          LIST
/**          .
/**
/**

```

Figure 51 (Part 2 of 2). CNMJRC45

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

The following JCL should be run for Graphical Enterprise.



```

//CNMJRC55 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1998 **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC55 **
//**
//** 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 JPZ8355 FUNCTION (ENTERPRISE WORKSTATION) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 52 (Part 1 of 2). CNMJRC55

```

/**          2. YOUR NETVIEW TARGET VOLUME          **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES       **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND   **
/**          SMPPTS DATA SETS.                     **
/**          **                                     **
/**          OUTPUT:                                **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                     **
/**          ACTIVITY:                              **
/**          **                                     **
/**          *****                               **
/**          *****                               **
/*CNMJRC55 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/CNMJRC55 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlivvol <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=JZ8355,
//          UNIT=tape,LABEL=(1,SL), <==3 UNIT NAME
//          DISP=OLD
//SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
//SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
//SMPCNTL DD *
SET      BDY(GLOBAL) .
RECEIVE S(
          JPZ8355 /* TME 10 ENTERPRISE WORKSTATION - JAP */
        )
SYSMODS
LIST
.
/*
//

```

Figure 52 (Part 2 of 2). CNMJRC55

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### 6.1.9 RECEIVE the Cumulative Service Tape

NOTE: This step is bypassed if receiving the product from a CBPDO.

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

## 6.1.10 Perform SMP/E APPLY

If you have previously installed NetView or NCCF into target libraries that you will continue to use with TME 10 NetView for OS/390 Version 1 Release 2, you will need to let SMP/E remove the old NetView or NCCF from those target libraries at APPLY time. See section 6.1.10.2, “APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed” on page 165 for more information.

Each APPLY job supplied in NETVIEW.V1R2M0.INSTALL will apply one or more FMIDs. Depending on which system (Unattended, Procedural or Graphical Enterprise) you are installing, you will need to run different APPLY jobs. Figure 53 will show you which APPLY jobs to run, and which FMIDs they will apply.

**Note 1** It is **strongly** recommended that you APPLY the NetView components in the order listed for your system in Figure 53. This is because TME 10 NetView for OS/390 Version 1 Release 2 has many dependencies between components. These dependencies will cause unresolved external reference messages to be generated during the APPLY. The list shown in Figure 63 on page 173 was compiled based on applying the FMIDs in this order. If you choose to apply the FMIDs in a different order your APPLY output will not match the list shown. This may make it difficult for you to determine if there are any unexpected unresolved external references which would affect the TME 10 NetView for OS/390 Version 1 Release 2

**Note 2** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'CNMJAPxx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

<i>Figure 53. Which APPLY Jobs to Run</i>		
<b>System ordered</b>	<b>APPLY jobs to run</b>	<b>FMIDs applied</b>
Unattended	CNMJAP06	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307
Procedural	CNMJAP06 CNMJAP25	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325
C Runtime	See Note(1) Below	HPZ8330
Graphical Enterprise	CNMJAP06 CNMJAP25 CNMJAP45	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355
Note(1) For installing FMID HPZ8330 refer to the NetView C Runtime Language Program Directory GI10-4811. If you are installing the Graphical Enterprise Option you <b>MUST</b> install HPZ8330 prior to or concurrently with JPZ8340.		

**Note:** For each component, you must apply the base FMID before you apply any other FMID in that component. For example, you must apply FMID HPZ8300 before applying JPZ8303 or JPZ8305.

**Note:** CNMJAP06 must be run by a userid that has superuser authority(for example, ROOT), and superuser authority must be activated if you are applying FMID JPZ8307.

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. Remember, you must comment out any FMIDs that you will not be applying.

**Warning:** Because TME 10 NetView for OS/390 Version 1 Release 2 has been divided into several FMIDs this release, some load modules will be built with parts from multiple FMIDs. SMP/E will handle this automatically for you by keeping track of what parts are needed and adding them into load modules as they are applied. However, this means that some linkage editor steps will initially finish with a return code of 4. In order to keep the APPLY step from ending prematurely, you must set SMP/E to allow a return code of 4. (This is done automatically if you use the SMP/E sample installation jobs provided). This can also be done by using the SMP/E dialogs or UCLIN to set the return code for specific utilities such as IEWL, the linkage editor.

**Expected Return Codes and Messages:** 04 for CNMJAP06, 00 for CNMJAP25, and 00 for CNMJAP45

Figures 54 through 56 show the APPLY samples.

```

//CNMJAP06 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAP06 **
//**
//** 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: **
//** TME 10 NETVIEW UNATTENDED JAPANESE **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP IS A SAMPLE PROVIDED **

```

Figure 54 (Part 1 of 2). CNMJAP06

```

/**          FOR YOUR CONVENIENCE AND CAN BE      **
/**          USED INSTEAD OF INVOKING SMP/E      **
/**          DIRECTLY. USING THIS PROC WILL      **
/**          OVERRIDE DDDEFS IN SMP/E.          **
/**          2. YOUR TARGET ZONE NAME            **
/**          3. ALL OF THE NETVIEW FMIDS FOR     **
/**          THIS COMPONENT ARE LISTED ON THE   **
/**          APPLY BELOW. YOU SHOULD DELETE     **
/**          THOSE FMIDS WHICH YOU DO NOT PLAN  **
/**          TO APPLY.                          **
/**          4. UNCOMMENT FMID JPZ8307 TO APPLY **
/**          OS/390 UNIX SERVICES RELATED      **
/**          COMPONENTS.                       **
/**          5. UNCOMMENT THE CHECK OPERAND IF  **
/**          YOU WANT TO DO AN APPLY CHECK      **
/**          BEFORE THE APPLY.                 **
/**          **                                 **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT **
/**          >>>> TO APPLY.                     **
/**          **                                 **
/**          ACTIVITY:                         **
/**          **                                 **
/**          *****                           **
/**          *****                           **
/**          /*CNMJAP06 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAP06 EXEC cnmjsmpe           <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(tgt1) .           /* <==2 YOUR TARGET ZONE*/
          APPLY SELECT
          (
          /* <==3 FMIDS */
          HPZ8300 /* NETVIEW UNATTENDED BASE */
          JPZ8303 /* NETVIEW UNATTENDED LE/370 */
          JPZ8305 /* NETVIEW UNATTENDED JAPANESE */
          JPZ8306 /* NETVIEW UNATTENDED METHODS */
          /* JPZ8307 /* <==4 UNIX SERVICES COMPONENTS */
          )
          /* CHECK /* 5 <== CHECK OPERAND */
          .
          /*
          //

```

Figure 54 (Part 2 of 2). CNMJAP06

**Expected Return Codes and Messages:** The job is considered successful if return code 4 is received.

```

//CNMJAP25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAP25 **
//**
//** 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: **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **
//** 2. YOUR TARGET ZONE NAME **

```

Figure 55 (Part 1 of 2). CNMJAP25

```

/**          3. ALL OF THE NETVIEW FMIDS FOR          **
/**          THIS COMPONENT ARE LISTED ON THE        **
/**          APPLY BELOW. YOU SHOULD DELETE         **
/**          THOSE FMIDS WHICH YOU DO NOT PLAN     **
/**          TO APPLY.                              **
/**          4. UNCOMMENT THE CHECK OPERAND IF      **
/**          YOU WANT TO DO AN APPLY CHECK         **
/**          BEFORE THE APPLY.                     **
/**          **                                     **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT **
/**          >>>> TO APPLY.                          **
/**          **                                     **
/**          ACTIVITY:                              **
/**          **                                     **
/**          *****                                **
/**          *****                                **
/**          /*CNMJAP25 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAP25 EXEC cnmjsmpe                <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(tgt1) .                /* <==2 YOUR TARGET ZONE*/
          APPLY SELECT
            (                                  /* <==3 FMIDS          */
              JPZ8320 /* NETVIEW PROCEDURAL BASE          */
              JPZ8325 /* NETVIEW PROCEDURAL JAPANESE     */
            )
          /* CHECK          /* 4 <== CHECK OPERAND      */
          .
/*
//

```

Figure 55 (Part 2 of 2). CNMJAP25

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

**Note: WARNING -** If you are installing the Graphical Enterprise Option you **MUST** install HPZ8330 prior to or concurrently with JPZ8340. For information on installing FMID HPZ8330, refer to the NetView C Runtime Language Program Directory GI10-4811.



```

//CNMJAP45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAP45 **
//**
//** 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: **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **
//** 2. YOUR TARGET ZONE NAME **

```

Figure 56 (Part 1 of 2). CNMJAP45

```

/**          3. ALL OF THE NETVIEW FMIDS FOR          **
/**          THIS COMPONENT ARE LISTED ON THE         **
/**          APPLY BELOW. YOU SHOULD DELETE          **
/**          THOSE FMIDS WHICH YOU DO NOT PLAN       **
/**          TO APPLY.                                **
/**          4. UNCOMMENT THE CHECK OPERAND IF       **
/**          YOU WANT TO DO AN APPLY CHECK           **
/**          BEFORE THE APPLY.                        **
/**          **                                       **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT **
/**          >>>> TO APPLY.                            **
/**          **                                       **
/**          ACTIVITY:                                **
/**          **                                       **
/**          *****                                  **
/**          *****                                  **
/**          /*CNMJAP45 EXEC PGM=GIMSMP,REGION=4096K    /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAP45 EXEC cnmjsmpe                  <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(tgt1) .                /* <==2 YOUR TARGET ZONE*/
          APPLY SELECT
            (                                     /* <==3 FMIDS          */
              JPZ8340 /* NETVIEW ENTERPRISE BASE          */
              JPZ8345 /* NETVIEW ENTERPRISE JAPANESE     */
              JPZ8346 /* NETVIEW ENTERPRISE RODM METHODS */
              JPZ8355 /* NETVIEW ENTERPRISE WORKSTATION  */
            )
          /* CHECK          /* 4 <== CHECK OPERAND      */
.
/*
//

```

Figure 56 (Part 2 of 2). CNMJAP45

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### 6.1.10.1 Subdividing the APPLY of TME 10 NetView for OS/390 Version 1 Release 2

Because of the number of FMIDs in TME 10 NetView for OS/390 Version 1 Release 2 it is recommended that you do not try to run the entire APPLY as one job. Each sample job will do the apply for one component. In most cases you will not be APPLYing every FMID for each component.

You may also APPLY NetView one FMID at a time. If you elect to do this you must ensure that you apply the base FMID for each component before you apply any other FMIDs. The base component FMID always ends with the digit 0, such as HPZ8300 or JPZ8320.

### 6.1.10.2 APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed

You should do either 6.1.10.2.1, “Deleting a Previous Release of NCCF or NetView” or 6.1.10.2.2, “Running with a Previous Release of NCCF or NetView” on page 166, but not both.

**6.1.10.2.1 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 TME 10 NetView for OS/390 Version 1 Release 2, but you do not want to continue using this release after your TME 10 NetView for OS/390 Version 1 Release 2 install, you will need to use SMP/E to remove the old NetView or NCCF from those libraries when SMP/E installs TME 10 NetView for OS/390 Version 1 Release 2.

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 TME 10 NetView for OS/390 Version 1 Release 2 modules.

For SMP/E 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/E zone.
- Since TME 10 NetView for OS/390 Version 1 Release 2 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/E can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 57 shows an example of possible DD statements. Figure 58 on page 166 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 57. 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 58. 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/E 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/E 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 (CNMJSMPE) and/or your SMP/E zone DDDEFS (CNMJDDNE). If you have a previous version of MSM or AON/ANO installed you will need to delete those data sets as well.
- 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 the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*).

**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 *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*) before actually APPLYing TME 10 NetView for OS/390 Version 1 Release 2.

**6.1.10.2.2 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 TME 10 NetView for OS/390 Version 1 Release 2 install, you **MUST** use separate SMP/E target zones for your TME 10 NetView for OS/390 Version 1 Release 2 install. After your period of testing TME 10 NetView for OS/390 Version 1

Release 2 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/E 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 TME 10 NetView for OS/390 Version 1 Release 2 in a separate CSI(s) or zone(s) from the previous release. A sample of how this can be done is provided in Figure 59 on page 168 and Figure 60 on page 170. The symbol *fmid2del* would be replaced by the base FMID of the actual release you have installed. Figure 61 on page 172 lists the releases prior to TME 10 NetView for OS/390 Version 1 Release 2. The symbol *nvdelet* is the dummy FMID used for the delete processing. You could use NVDELET as the FMID or you can supply another FMID if you prefer.

**Note:** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMP. If you need to do so, uncomment the following statement after the 'DELETx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

```

//CNMJDLT1 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM          **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995.   **
//** ALL RIGHTS RESERVED.                          **
//**                                               **
//** US GOVERNMENT USERS RESTRICTED RIGHTS         **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**   GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//**                                               **
//**   PROCEDURE: CNMJDLT1                          **
//**                                               **
//**   FUNCTION:                                     **
//**     PERFORMS A DELETE OF A PREVIOUS NETVIEW OR NCCF **
//**     IN THE SMP/E ZONES USED BY THAT RELEASE BY USING **
//**     A DUMMY FMID FOR RECEIVE, APPLY, ACCEPT     **
//**     PROCESSING. THIS IS DONE ONCE MIGRATION IS DONE **
//**     THIS JOB MAY ALSO BE USED TO DELETE AN FMID FOR **
//**     A HIGH LEVEL LANGUAGE. YOU WOULD USE THIS IF YOU **
//**     WANTED TO CHANGE YOUR HLL OF IMPLEMENTATION,   **
//**     PERHAPS FROM PL/I AND C TO AD/CYCLE LE/370.   **
//**                                               **
//**   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. SMP/E PROCEDURE NAME. IF YOU ARE    **
//**             INVOKING SMP/E DIRECTLY USING        **
//**             GIMSMP, BE SURE ALL DATA SETS       **
//**             REQUIRED BY SMP/E ARE DEFINED AS      **
//**             DDDEFS OR ON DD STATEMENTS IN THE    **
//**             JCL. CNMJSMPPE IS A SAMPLE PROVIDED **
//**             FOR YOUR CONVENIENCE, DD CARDS IN    **
//**             THIS PROC WILL OVERRIDE DDDEFS IN    **
//**             SMP/E.                                **
//**           2. UNIT TYPE OF DISK CONTAINING CSI    **
//**           3. VOLUME SERIAL OF DISK CONTAINING   **
//**             CSI                                    **
//**

```

Figure 59 (Part 1 of 2). CNMJDLT1

```

/**          4. NAME OF YOUR SMP/E SMPPTS DATASET      **
/**          5. NAME OF DUMMY FMID YOU WILL USE       **
/**          YOU CAN USE UPPERCASE NVDELETE           **
/**          6. NAME OF THE FMID YOU WISH TO DELETE  **
/**          7. YOUR SMP/E GLOBAL ZONE                **
/**          8. YOUR SMP/E TARGET ZONE               **
/**          9. YOUR SMP/E DLIB ZONE                 **
/**
/**          EXPECTED COND CODE: 0000                **
/**
/*******
/*******
/**DELET1 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
//DELET1 EXEC cnmjsmpe                  <==1 NAME OF SMP PROC
//SMPTLIB DD UNIT=disk,DISP=OLD,        <==2 DASD UNIT TYPE
//      VOL=SER=dddddd                  <==3 VOLUME NAME
//SMPPTS DD DSN=netview.smppts,DISP=SHR <==4 YOUR SMP/E SMPPTS
//SMPPTFIN DD *
++FUNCTION(nvdelete).                  /* <==5 DUMMY FMID */
++VER(Z038) DELETE(fmid2del).          /* <==6 FMID TO DELETE */
//SMPCNTL DD *
SET BDY(global).                       /* <==7 SMP/E GLOBAL ZONE */
RECEIVE SELECT (nvdelete).             /* <==5 DUMMY FMID */
SET BDY(tgt1).                          /* <==8 SMP/E TARGET ZONE */
APPLY SELECT (nvdelete).                /* <==5 DUMMY FMID */
SET BDY(dlib1).                         /* <==9 SMP/E DLIB ZONE */
ACCEPT SELECT (nvdelete).               /* <==5 DUMMY FMID */
/*

```

Figure 59 (Part 2 of 2). CNMJDLT1

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

```

//CNMJDLT2 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//*  LICENSED MATERIALS - PROPERTY OF IBM          **
//*  5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//*  5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995.   **
//*  ALL RIGHTS RESERVED.                          **
//*                                                  **
//*  US GOVERNMENT USERS RESTRICTED RIGHTS         **
//*  - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//*  GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//*****
//**
//**      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. SMP/E PROCEDURE NAME.  IF YOU ARE **
//**      INVOKING SMP/E DIRECTLY USING **
//**      GIMSMP, BE SURE ALL DATA SETS **
//**      REQUIRED BY SMP/E ARE DEFINED AS **
//**      DDDEFS OR ON DD STATEMENTS IN THE **
//**      JCL.  CNMJSMPE IS A SAMPLE PROVIDED **
//**      FOR YOUR CONVENIENCE, DD CARDS IN **
//**      THIS PROC WILL OVERRIDE DDDEFS IN **
//**      SMP/E. **
//**      2. CHANGE TGT1 TO THE NAME OF YOUR **
//**      SMP/E TARGET ZONE **
//**      3. CHANGE FMID2DEL TO THE FMID YOU **
//**      WANT TO DELETE **
//**      4. CHANGE NVDELET TO THE NAME OF THE **
//**      DUMMY FMID YOU WANT TO USE **
//**      5. CHANGE DLIB1 TO THE NAME OF YOUR **
//**      SMP/E DISTRIBUTION ZONE **
//**

```

Figure 60 (Part 1 of 2). CNMJDLT2



```

/**      EXPECTED COND CODE: 0000                **
/**      **
/**      *****
/**      *****
/**DELET2 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
//DELET2 EXEC cnmjsmpe          <==1 NAME OF SMP PROC
//SMPCNTL DD *
SET BDY(tgt1) .                /* <==2 YOUR SMP/E TARGET ZONE */
UCLIN .
DEL SYSMOD(fmid2de1) .        /* <==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(fmid2de1) .        /* <==3 FMID YOU WANT TO DELETE*/
DEL SYSMOD(nvdelet) .        /* <==4 DUMMY FMID FOR DELETE */
ENDUCL .
/*

```

Figure 60 (Part 2 of 2). CNMJDLT2

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

Figure 61. NetView FMIDs to delete by Version/Release

Version/Release	MVS/370	MVS/XA	MVS/ESA
Version 1 Release 1	HNV1102	HNV1103	N/A <sup>1</sup>
Version 1 Release 2	HNV1202	HNV1203	N/A <sup>1</sup>
Version 1 Release 3	N/A <sup>2</sup>	HNV1303	HVNW140
Version 2 Release 1	N/A <sup>2</sup>	HVWW101	HXYZ101
Version 2 Release 2	N/A <sup>2</sup>	HVWW200	HXYZ200
Version 2 Release 3	N/A <sup>2</sup>	HVWW300	HXYZ300
Version 2 Release 4	N/A <sup>2</sup>	N/A <sup>3</sup>	HXYZ400
Version 3 Release 1	N/A <sup>2</sup>	N/A <sup>3</sup>	HPZ8100, HPZ8130
TME 10 Version 1 Release 1	N/A <sup>2</sup>	N/A <sup>3</sup>	HPZ8200
MSM V1R1	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC100
MSM V1R2	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC200
MSM V2R1	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC300
MSM V2R2	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC400
AON/ANO FMIDs	N/A <sup>6</sup>	N/A <sup>7</sup>	HLR6110, HLR6200, HML6110, HML6111, H080100

**Notes:**

1. NetView was not shipped in MVS/ESA for this release.
2. NetView was not shipped in MVS/370 for this release.
3. NetView was not shipped in MVS/XA for this release.
4. MSM was not shipped in MVS/370.
5. MSM was not shipped in MVS/XA.
6. AON/ANO was not shipped in MVS/370 for this release.
7. AON/ANO was not shipped in MVS/XA for this release.

If you have not accepted all of your maintenance, you may have additional work to complete the cleanup of your global zones. You should use the REJECT command to delete any SYSMODs and HOLDDATA applicable to the dummy function and the old function. In addition, you should delete the FMIDs from the GLOBALZONE entry to prevent SMP/E from receiving any SYSMODs or HOLDDATA applicable to either of those functions. Here are examples of the commands you can use to do this:

```

SET      BDY(GLOBAL)      /* Set to global zone.      */.
REJECT  HOLDDATA NOFMID  /* Reject SYSMODs, HOLDDATA */
        DELETEFMID      /* for the deleted functions.*/
        (nvdelet fmid2d1) /* Delete the FMIDs from the */
                          /* GLOBALZONE entry.        */.

```

Figure 62. Additional delete logic

### 6.1.10.3 Running and Verifying the APPLY of TME 10 NetView for OS/390 Version 1 Release 2

Run the apply jobs for your system. They should all end with a return 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.

You should also be aware that you may receive a return code of 0 and still find unresolved external references in your APPLY output. This is normal and not a problem. With SMP/E R8 many modules are link-edited twice. The first version is link-edited without any references to HLL libraries resolved and stored in an SMP/E dataset, SMPLTS. This version will have unresolved external references. It is used by SMP/E to relink the module if you should update the level of any of your HLL's. SMP/E then link-edits the useable version of the module with the HLL libraries, resolving any external references. If the useable version link-edits correctly the APPLY job will end with a return code of 0.

**Note:** Unresolved external references in load modules other than those listed here should be investigated whether or not RODM, GMFHS, or LE/370 will be used with NetView.

**Note:** There are some load modules that will not have all their external references resolved by the APPLY. This is because they may need to be linked in with user code, because they are used by another FMID to link-edit a larger load module, or because they need a part from an FMID that has not yet been applied. The ACTION column will indicate if and how the external references will be resolved. If the ACTION column says "NONE" then this module will never have its external references resolved. This is not a problem. It means that the load module is never executed by itself, but is used to link-edit a larger load module in a different TME 10 NetView for OS/390 Version 1 Release 2 FMID.

For FMID HPZ8300, the load modules listed in Figure 63 will generate unresolved external reference messages during the SMP/E APPLY process. The unresolved external references appear in the output because these load modules are intended to be linked with user code at the customer site.

Figure 63. Load Modules and Unresolved External References for HPZ8300

Load Modules	Unresolved References	Action	Messages
DUIFEXPP	CNMNETV	None	IEW2454W IEW2646W IEW2651W
CNMNVLC	CEESTART, STRTOUL, CEIL, FLOOR, MEMMOVE, CEESG003	None	IEW2454W
CNMVLC	CEESTART, VSPRINTF, STRTOUL, CEIL, FLOOR, STRLEN, MEMMOVE, CEESG003	None	IEW2454W

### 6.1.11 Perform SMP/E ACCEPT

Edit and submit sample accept jobs to perform an SMP/E ACCEPT for TME 10 NetView for OS/390 Version 1 Release 2. Consult the instructions in the sample job for more information.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. The ACCJCLIN option can be added by executing a UCLIN ADD job. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

If you have previously installed NetView or NCCF into distribution libraries that you will continue to use with TME 10 NetView for OS/390 Version 1 Release 2, you will need to let SMP/E remove the old NetView or NCCF from those distribution libraries at ACCEPT time.

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will linkedit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 4 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

Each ACCEPT job supplied in NETVIEW.V1R2M0.INSTALL will accept one or more FMIDs. Depending on which system (Unattended, Procedural or Graphical Enterprise) you are installing, you will need to run different ACCEPT jobs. The chart below will show you which ACCEPT jobs to run, and which FMIDs they will accept. For each ACCEPT job, you will need to comment out the FMIDs that you did not RECEIVE and APPLY.

See Figure 64 to determine which jobs you should run.

<i>Figure 64. Which ACCEPT Jobs to Run</i>		
<b>System ordered</b>	<b>ACCEPT jobs to run</b>	<b>FMIDs accepted</b>
Unattended	CNMJAC06	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307
Procedural	CNMJAC06 CNMJAC25	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325
Graphical Enterprise	CNMJAC06 CNMJAC25 CNMJAC45	HPZ8300 JPZ8303 JPZ8305 JPZ8306 JPZ8307 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355

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. Remember, you must comment out any FMIDs that you will not be accepting.

**Note:** You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'CNMJACxx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

Figures 65 through 67 show the ACCEPT samples.

```

//CNMJAC06 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAC06 **
//**
//** 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: **
//** TME 10 NETVIEW UNATTENDED JAPANESE **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **
//** 2. YOUR DISTRIBUTION ZONE NAME **

```

Figure 65 (Part 1 of 2). CNMJAC06

```

/**          3. ALL OF THE NETVIEW FMIDS ARE          **
/**          LISTED ON THE ACCEPT BELOW. YOU          **
/**          SHOULD DELETE THOSE WHICH YOU           **
/**          HAVE NOT APPLIED.                        **
/**          4. UNCOMMENT FMID JPZ8307 TO ACCEPT     **
/**          OS/390 UNIX SERVICES RELATED            **
/**          COMPONENTS.                              **
/**          5. UNCOMMENT THE CHECK OPERAND IF        **
/**          YOU WANT TO DO AN ACCEPT CHECK           **
/**          BEFORE THE ACCEPT.                       **
/**          **                                        **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED AND APPLIED MATCH THE ONES THAT **
/**          >>>> YOU ARE ABOUT TO ACCEPT.             **
/**          **                                        **
/**          ACTIVITY:                                **
/**          **                                        **
/**          *****                                  **
/**          *****                                  **
/**          /*CNMJAC06 EXEC PGM=GIMSMP,REGION=4096K    /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAC06 EXEC cnmjsmpe                  <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
           SET      BDY(dlib1) .                      /* <==2 YOUR DLIB ZONE*/
           ACCEPT SELECT
           (                                           /* <==3 FMIDS          */
             HPZ8300 /* NETVIEW UNATTENDED BASE          */
             JPZ8303 /* NETVIEW UNATTENDED LE/370        */
             JPZ8305 /* NETVIEW UNATTENDED JAPANESE     */
             JPZ8306 /* NETVIEW UNATTENDED METHODS      */
             /* JPZ8307 /* <==4 UNIX SERVICES COMPONENTS */
           )
           /* CHECK          /* 5 <== CHECK OPERAND      */
           .
           /*
           //

```

Figure 65 (Part 2 of 2). CNMJAC06

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

```

//CNMJAC25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAC25 **
//**
//** 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: **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **
//** 2. YOUR DISTRIBUTION ZONE NAME **

```

Figure 66 (Part 1 of 2). CNMJAC25



```

/**          3. ALL OF THE NETVIEW FMIDS ARE          **
/**          LISTED ON THE ACCEPT BELOW. YOU          **
/**          SHOULD DELETE THOSE WHICH YOU HAVE      **
/**          NOT APPLIED.                            **
/**          4. UNCOMMENT THE CHECK OPERAND IF       **
/**          YOU WANT TO DO AN ACCEPT CHECK          **
/**          BEFORE THE ACCEPT.                      **
/**          **                                       **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED AND APPLIED MATCH THE ONES THAT **
/**          >>>> YOU ARE ABOUT TO ACCEPT.           **
/**          **                                       **
/**          ACTIVITY:                                **
/**          **                                       **
/**          *****                                  **
/**          *****                                  **
/**          /*CNMJAC25 EXEC PGM=GIMSMP,REGION=4096K    /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAC25 EXEC cnmjsmpe                  <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(dlib1) .                      /* <==2 YOUR DLIB ZONE*/
          ACCEPT SELECT
          (
          (
          JPZ8320 /* NETVIEW PROCEDURAL BASE          */
          JPZ8325 /* NETVIEW PROCEDURAL JAPANESE      */
          )
          )
          /* CHECK          /* 4 <== CHECK OPERAND          */
          .
/*
//

```

Figure 66 (Part 2 of 2). CNMJAC25

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

```

//CNMJAC45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAC45 **
//**
//** 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: **
//** TME 10 NETVIEW ENTERPRISE 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **
//** 2. YOUR DISTRIBUTION ZONE NAME **

```

Figure 67 (Part 1 of 2). CNMJAC45

```

/**          3. ALL OF THE NETVIEW FMIDS ARE          **
/**          LISTED ON THE ACCEPT BELOW. YOU          **
/**          SHOULD DELETE THOSE WHICH YOU HAVE      **
/**          NOT APPLIED.                             **
/**          4. UNCOMMENT THE CHECK OPERAND IF       **
/**          YOU WANT TO DO AN ACCEPT CHECK          **
/**          BEFORE THE ACCEPT.                       **
/**          **                                        **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED AND APPLIED MATCH THE ONES THAT **
/**          >>>> YOU ARE ABOUT TO ACCEPT.            **
/**          **                                        **
/**          ACTIVITY:                                **
/**          **                                        **
/**          *****                                  **
/**          *****                                  **
/**          /*CNMJAC45 EXEC PGM=GIMSMP,REGION=4096K   /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAC45 EXEC cnmjsmpe                 <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(dlib1) .                        /* <==2 YOUR DLIB ZONE*/
          ACCEPT SELECT
          (
          /* <==3 FMIDS          */
          JPZ8340 /* NETVIEW ENTERPRISE BASE          */
          JPZ8345 /* NETVIEW ENTERPRISE JAPANESE      */
          JPZ8346 /* NETVIEW ENTERPRISE RODM METHODS  */
          JPZ8355 /* NETVIEW ENTERPRISE WORKSTATION   */
          )
          /* CHECK          /* 4 <== CHECK OPERAND          */
.
/*
//

```

Figure 67 (Part 2 of 2). CNMJAC45

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### 6.1.11.1 Subdividing the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 2

If you wish, you may ACCEPT TME 10 NetView for OS/390 Version 1 Release 2 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.

### 6.1.11.2 ACCEPTing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed

You should do either 6.1.11.2.1, "Deleting a Previous Release of NCCF or NetView" on page 182 or 6.1.11.2.2, "Running with a Previous Release of NCCF or NetView" on page 183, but not both.

**6.1.11.2.1 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 TME 10 NetView for OS/390 Version 1 Release 2, but you do NOT want to continue using this release after your TME 10 NetView for OS/390 Version 1 Release 2 install you will need to let SMP/E remove the old NetView or NCCF from those libraries when SMP/E installs TME 10 NetView for OS/390 Version 1 Release 2.

To allow SMP/E 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/E zone.
- Since TME 10 NetView for OS/390 Version 1 Release 2 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/E can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 68 shows an example of possible DD statements. Figure 69 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 68. 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 69. 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/E 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/E 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 (CNMJSMP/E) and/or your SMP/E zone DDDEFs. If you have a previous version of MSM or AON/ANO installed you will need to delete those data sets as well.

**6.1.11.2 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 TME 10 NetView for OS/390 Version 1 Release 2 install, you **MUST** use separate SMP/E distribution zones for your TME 10 NetView for OS/390 Version 1 Release 2 install.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run the dummy SMP/E job to delete the old distribution libraries from the previous release's CSI zone. This assumes you have installed TME 10 NetView for OS/390 Version 1 Release 2 in a separate CSI from the previous release. This process is described in 6.1.10.2.2, "Running with a Previous Release of NCCF or NetView" on page 166 and the jobs provided perform the receive, apply, and accept steps.

### **6.1.11.3 Running and Verifying the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 2**

Run the accept jobs for TME 10 NetView for OS/390 Version 1 Release 2. Each job should end with a return code of 0. If the return code for any job 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*.

### **6.1.12 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.

---

## **6.2 Activating TME 10 NetView for OS/390 Version 1 Release 2**

The publication *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236* contains procedures for activating functions of TME 10 NetView for OS/390 Version 1 Release 2. For additional information refer to the publications noted in Figure 9 on page 16.

---

## Appendix A. TME 10 NetView for OS/390 Version 1 Release 2 Install Logic

---

### A.1 SMP/E Modification Control Statements

The SMP/E Modification Control Statements (SMPMCS) for TME 10 NetView for OS/390 Version 1 Release 2 are contained in the SMPMCS file on the installation tape. The SMPMCS for each FMID in the product will be loaded to the SMPPTS dataset, with a member name matching the FMID, when the FMID is SMP/E RECEIVED. You may browse or print these members using TSO/E, ISPF, or IEBGENER (or IEBTPCH).

---

### A.2 SMP/E JCLIN

The JCLIN for TME 10 NetView for OS/390 Version 1 Release 2 is contained in the RELFILES on the installation tape. These files will be loaded to disk by SMP/E when the product is SMP/E RECEIVED. You may browse or print these files using TSO/E, ISPF, or IEBGENER (or IEBTPCH).

The files containing JCLIN are:

- FMID HPZ8300: 'IBM.HPZ8300.F1(HPZ8300)'
- FMID JPZ8303: 'IBM.JPZ8303.F1(JPZ8303)'
- FMID JPZ8305: 'IBM.JPZ8305.F1(JPZ8305)'
- FMID JPZ8306: 'IBM.JPZ8306.F1(JPZ8306)'
- FMID JPZ8320: 'IBM.JPZ8320.F1(JPZ8320)' (Contains JCLIN for Automated Operations Network)
- FMID JPZ8340: 'IBM.JPZ8340.F1(JPZ8340)' (Contains JCLIN for MultiSystem Manager)
- FMID JPZ8346: 'IBM.JPZ8346.F1(JPZ8346)'
- FMID JPZ8355: 'IBM.JPZ8355.F1(JPZ8355)'

**Note:** The high-level qualifier is the qualifier specified as the DSPREFIX in the SMP/E OPTIONS.

---

## Appendix B. Program Level Information

The following APAR fixes against previous releases of NetView have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2:

OW00072	OW00635	OW01145	OW01491
OW00095	OW00645	OW01153	OW01492
OW00096	OW00649	OW01185	OW01521
OW00100	OW00652	OW01202	OW01557
OW00102	OW00668	OW01203	OW01567
OW00127	OW00673	OW01204	OW01586
OW00175	OW00723	OW01221	OW01588
OW00182	OW00733	OW01237	OW01602
OW00214	OW00751	OW01239	OW01607
OW00220	OW00766	OW01258	OW01612
OW00224	OW00770	OW01259	OW01641
OW00226	OW00771	OW01262	OW01650
OW00228	OW00772	OW01269	OW01672
OW00229	OW00773	OW01270	OW01679
OW00272	OW00811	OW01274	OW01681
OW00274	OW00827	OW01276	OW01684
OW00275	OW00845	OW01287	OW01685
OW00285	OW00874	OW01304	OW01692
OW00287	OW00875	OW01324	OW01697
OW00290	OW00876	OW01339	OW01737
OW00294	OW00878	OW01349	OW01738
OW00296	OW00880	OW01350	OW01757
OW00298	OW00882	OW01367	OW01792
OW00326	OW00903	OW01369	OW01811
OW00376	OW00910	OW01387	OW01812
OW00384	OW00919	OW01404	OW01814
OW00392	OW00924	OW01407	OW01862
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OY61283	OY61766	OY62431	OY63125
OY61284	OY61790	OY62436	OY63142
OY61293	OY61795	OY62452	OY63154
OY61308	OY61805	OY62480	OY63179
OY61309	OY61811	OY62481	OY63222
OY61314	OY61815	OY62484	OY63231
OY61319	OY61823	OY62518	OY63264
OY61330	OY61830	OY62556	OY63293
OY61343	OY61833	OY62577	OY63301
OY61344	OY61840	OY62603	OY63330
OY61362	OY61845	OY62619	OY63372
			OY63380

OY63386	OY64267	OY64800	OY65309
OY63399	OY64268	OY64803	OY65312
OY63414	OY64280	OY64870	OY65332
OY63431	OY64299	OY64877	OY65338
OY63432	OY64303	OY64898	OY65341
OY63440	OY64306	OY64902	OY65343
OY63449	OY64307	OY64910	OY65346
OY63460	OY64332	OY64915	OY65350
OY63519	OY64333	OY64942	OY65362
OY63529	OY64334	OY64966	OY65432
OY63538	OY64343	OY64991	OY65437
OY63566	OY64358	OY64992	OY65441
OY63585	OY64359	OY64997	OY65448
OY63595	OY64360	OY65004	OY65454
OY63659	OY64361	OY65014	OY65461
OY63673	OY64372	OY65029	OY65471
OY63694	OY64395	OY65056	OY65500
OY63718	OY64396	OY65057	OY65501
OY63741	OY64408	OY65061	OY65503
OY63749	OY64411	OY65065	OY65519
OY63778	OY64427	OY65066	OY65531
OY63796	OY64444	OY65070	OY65536
OY63855	OY64445	OY65080	OY65549
OY63857	OY64456	OY65097	OY65552
OY63868	OY64492	OY65111	OY65569
OY63874	OY64494	OY65120	OY65627
OY63902	OY64521	OY65124	OY65649
OY63926	OY64558	OY65125	OY65661
OY63942	OY64567	OY65129	OY65671
OY63943	OY64614	OY65140	OY65680
OY63959	OY64615	OY65176	OY65682
OY63995	OY64643	OY65182	OY65683
OY64000	OY64663	OY65188	OY65686
OY64012	OY64678	OY65193	OY65717
OY64013	OY64697	OY65222	OY65719
OY64083	OY64705	OY65225	OY65720
OY64124	OY64716	OY65232	OY65733
OY64167	OY64731	OY65236	OY65745
OY64174	OY64735	OY65237	OY65747
OY64184	OY64736	OY65249	OY65784
OY64203	OY64748	OY65250	OY65800
OY64215	OY64750	OY65287	OY65822
OY64240	OY64759	OY65292	OY65827
OY64245	OY64776	OY65300	OY65836
OY64257	OY64786	OY65305	OY65845
			OY65863

OY65873	OY66496	OY66917	OY67526
OY65897	OY66499	OY66943	OY67548
OY65903	OY66507	OY66947	OY67550
OY65920	OY66508	OY66956	OY67557
OY65935	OY66509	OY66972	OY67567
OY65937	OY66514	OY67016	OY67570
OY65940	OY66568	OY67017	OY67574
OY65956	OY66570	OY67021	OY67579
OY65989	OY66571	OY67022	OY67580
OY66008	OY66573	OY67055	OY67592
OY66012	OY66589	OY67077	OY67619
OY66020	OY66594	OY67078	OY67624
OY66042	OY66600	OY67080	OY67647
OY66049	OY66608	OY67104	OY67657
OY66090	OY66610	OY67105	OY67659
OY66107	OY66628	OY67135	OY67669
OY66115	OY66647	OY67145	OY67671
OY66119	OY66655	OY67169	OY67673
OY66145	OY66658	OY67170	OY67701
OY66157	OY66662	OY67172	OY67702
OY66159	OY66666	OY67175	OY67710
OY66192	OY66670	OY67177	OY67711
OY66193	OY66680	OY67178	OY67715
OY66209	OY66684	OY67232	OY67735
OY66210	OY66686	OY67233	OY67740
OY66227	OY66688	OY67236	OY67741
OY66237	OY66689	OY67296	OY67742
OY66241	OY66712	OY67298	OY67768
OY66242	OY66713	OY67299	OY67769
OY66245	OY66737	OY67359	OY67770
OY66260	OY66759	OY67360	OY67771
OY66280	OY66768	OY67392	OY67773
OY66304	OY66785	OY67400	OY67794
OY66343	OY66797	OY67405	OY67833
OY66344	OY66798	OY67446	OY67844
OY66438	OY66799	OY67454	OY67847
OY66440	OY66812	OY67458	OY67869
OY66447	OY66845	OY67460	OY67871
OY66448	OY66846	OY67461	OY67886
OY66453	OY66855	OY67489	OY67892
OY66454	OY66857	OY67503	OY67897
OY66455	OY66861	OY67516	OY67928
OY66469	OY66865	OY67518	OY67929
OY66475	OY66879	OY67522	OY68014
OY66476	OY66911	OY67523	OY68015
			OY68021

OY68022	OW24628	OW26165	OW27695
OY68048	OW24667	OW26168	OW27755
OY68050	OW24714	OW26189	OW27762
OY68051	OW24782	OW26197	OW27810
OY68057	OW24783	OW26268	OW27853
OY68084	OW24807	OW26272	OW27903
OW18382	OW24809	OW26276	OW27929
OW21096	OW24810	OW26282	OW27943
OW21358	OW24853	OW26294	OW27944
OW21663	OW24926	OW26310	OW27996
OW21665	OW25007	OW26321	OW28000
OW22271	OW25015	OW26332	OW28005
OW22747	OW25021	OW26364	OW28006
OW23540	OW25042	OW26388	OW28040
OW23587	OW25072	OW26409	OW28128
OW23650	OW25087	OW26420	OW28162
OW23683	OW25319	OW26442	OW28186
OW23739	OW25367	OW26642	OW28198
OW23806	OW25444	OW26743	OW28222
OW23869	OW25504	OW26754	OW28250
OW23954	OW25519	OW26789	OW28273
OW23986	OW25591	OW26797	OW28298
OW24010	OW25597	OW26801	OW28359
OW24049	OW25629	OW26803	OW28360
OW24053	OW25630	OW26838	OW28402
OW24085	OW25631	OW26868	OW28453
OW24098	OW25639	OW26882	OW28466
OW24129	OW25641	OW26932	OW28492
OW24130	OW25680	OW26996	OW28499
OW24161	OW25709	OW27075	OW28508
OW24166	OW25760	OW27102	OW28530
OW24323	OW25832	OW27158	OW28565
OW24351	OW25923	OW27159	OW28566
OW24356	OW25927	OW27222	OW28575
OW24414	OW25936	OW27228	OW28577
OW24451	OW25942	OW27288	OW28607
OW24457	OW25944	OW27305	OW28652
OW24520	OW25968	OW27381	OW28745
OW24544	OW26026	OW27507	OW28747
OW24553	OW26055	OW27509	OW28757
OW24555	OW26056	OW27541	OW28758
OW24556	OW26081	OW27542	OW28771
OW24557	OW26083	OW27555	OW28777
OW24558	OW26088	OW27556	OW28843
OW24559	OW26158	OW27634	OW28958
			OW28990

OW29020	OW29809	OW30462	OW31141
OW29086	OW29894	OW30500	OW31219
OW29168	OW29907	OW30509	OW31304
OW29316	OW29943	OW30533	OW31386
OW29365	OW29958	OW30538	OW31414
OW29393	OW30085	OW30539	OW31504
OW29454	OW30165	OW30547	OW31505
OW29481	OW30185	OW30577	OW31530
OW29489	OW30186	OW30817	OW31603
OW29571	OW30187	OW30829	OW31604
OW29579	OW30262	OW30848	OW31740
OW29621	OW30279	OW30857	OW31741
OW29637	OW30286	OW30911	OW31763
OW29679	OW30297	OW30944	OW31801
OW29729	OW30302	OW30985	OW31826
OW29755	OW30364	OW31005	OW32153
OW29780	OW30395	OW31006	OW32167
OW29801	OW30438	OW31070	OW32185
OW29802	OW30446	OW31073	OW32428
OW29803	OW30448	OW31092	OW32444
OW29804	OW30460	OW31118	OW32507
			OW32569

The following APAR fixes against previous releases of MultiSystem Manager have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2:

OW04517	OW14334	OW21309	OW29270
OW06079	OW15671	OW22632	OW29828
OW09117	OW16959	OW25607	OW29851
OW10013	OW17185	OW25852	OW30296
OW10358	OW17186	OW26117	OW30374
OW10414	OW18953	OW26798	OW30429
OW13999	OW19175	OW28435	OW30431
OW14000	OW19587	OW28744	OW30542
OW14001	OW19588	OW29100	OW30946
OW14214	OW19975	OW29197	OW32842
OW14236	OW20880	OW29230	OW32843

The following APAR fixes against previous releases of AON have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2:

OW28492	PN59373	PN62416	PN64079
OW29086	PN61322	PN65829	PN64482
OW30446	PN59719	PN63705	PN64925
OW30462	PN59720	PN60565	PN65919
PN90218	PN62860	PN65443	PN66076



PN66570	PN70759	PN76075	PN78785
PN66564	PN70927	PN75175	PN78984
PN66915	PN71339	PN78184	PN79406
PN65823	PN72387	PN72322	PN79505
PN67294	PN72388	PN70453	PN80253
PN67446	PN72390	PN75438	PN81542
PN67508	PN72608	PN77658	PN81684
PN67821	PN72739	PN78513	PN81826
PN67890	PN74047	PN78563	PN82259
PN68600	PN70900	PN79299	PN80283
PN67505	PN70071	PN79538	PN81624
PN68327	PN70458	PN66099	PN81828
PN67694	PN72456	PN74358	PN80354
PN64502	PN72598	PN75509	PN81350
PN67738	PN72604	PN74525	PN82269
PN66752	PN74354	PN76719	PN82518
PN67051	PN71256	PN76262	PN82958
PN60745	PN72579	PN75986	PN83003
PN59901	PN73406	PN75467	PN82261
PN65730	PN73564	PN77699	PN82577
PN69684	PN73819	PN76341	PN83050
PN69782	PN73874	PN78413	PN83512
PN69958	PN73996	PN65238	PN73997
PN64961	PN72969	PN68985	PN81906
PN66040	PN73891	PN70877	PN82352
PN67081	PN70907	PN73629	PN83053
PN66417	PN69510	PN59721	PN83059
PN69676	PN70793	PN74139	PN83266
PN61190	PN74040	PN78159	PN78485
PN62690	PN73201	PN78639	PN81789
PN63382	PN73926	PN79585	PN81829
PN71655	PN75720	PN79716	PN83833
PN72136	PN68080	PN80008	PN83939
PN69655	PN72621	PN75122	PN83890
PN69662	PN73421	PN79671	PN83528
PN72600	PN74027	PN79841	PN84315
PN72606	PN75533	PN80787	PN80305
PN72584	PN75032	PN80963	PN84535
PN71671	PN76781	PN78954	PN84613
PN72843	PN72389	PN76639	PN84862
PN72903	PN74135	PN79533	PN84525
PN73019	PN67507	PN80785	PN82350
PN73375	PN77412	PN81165	PN83020
PN73370	PN64814	PN81238	PN83858
PN73511	PN65131	PN81580	PN85368
			PN85846

PN84447	PN87399	PN92686	PQ04885
PN85813	PN86172	PQ00155	PQ05013
PN85925	PN88479	PQ00240	PQ05095
PN85014	PN84630	PQ00423	PQ05145
PN85378	PN87936	PQ00417	PQ05592
PN82802	PN86019	PQ00547	PQ05948
PN84443	PN84093	PQ00656	PQ06645
PN84956	PN89401	PQ00829	PQ07038
PN87726	PN90713	PQ01535	PQ07227
PN82673	PN90725	PQ01586	PQ07889
PN85717	PN91663	PQ01944	PQ07988
PN88077	PN91835	PQ02829	PQ08401
PN85719	PN91903	PQ02837	PQ08751
PN74168	PN92095	PQ02880	PQ08905
PN77307	PN91663	PQ02928	PQ10205
PN84768	PN91835	PQ03164	PQ10380
PN70255	PN91903	PQ03200	PQ11102
PN83621	PN91938	PQ03519	PQ11471
PN64874	PN92095	PQ03548	PQ11596
PN87943	PN92148	PQ03549	PQ11716
PN88371	PN92323	PQ03831	PQ11790
PN83022	PN92474	PQ03922	

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## Appendix C. TPSever Installation Information

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### C.1 TPSever Description

The information contained in this appendix 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 TPSever. You should read all of this program directory before installing TPSever and then keep it for future reference.

The TPSever product is intended as a bridge between the 390 host environment and the distributed environment which would consist of Unix, NT, Novell, OS/2, etc. to facilitate systems and network management.

TPSever administers security tasks across multiple platforms with a single action. It manages SAF-compliant products such as RACF and CA ACF/2. By using TPSever you will have increased security through faster updates and consistent administration of policy. TPSever eliminates the need for administrators to log on to different systems.

TPSever is the MVS component that responds to requests originating from the TME OSERV. It is implemented as an MVS address space and contains the TCP/IP protocol support to manage the communications link between the TP server and TME.

TPSever provides link encryption and authenticates requests from TME to ensure they originate from authorized users. Based on the request, the TPSever will invoke MVS system services, such as SAF, to process the request. TPSever should be installed if you use the User Administration Service.

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### C.2 TPSever FMIDs

TPSever consists of the following FMID:

H23H100

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### C.3 Program Materials

An IBM program is identified by a program number and a feature number. The program number for TME 10 Netview for OS/390 Version 1 Release 2 is 5697-B82. The program number for TME 10 Global Enterprise Manager is 5697-B83.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by TME 10 Netview for OS/390 Version 1 Release 2. Ask your IBM representative for this information if you have not already received a copy.

### C.3.1 Basic Machine-Readable Material

The distribution medium for this program is 3480 cartridge. The tape or cartridge contains all the programs and data needed for installation. It is installed using SMP/E, and is in SMP/E RELFILE format. See C.13, "Installation Instructions" on page 221 for more information about how to install the program.

Figure 70 describes the tapes or cartridges for TME 10 Netview for OS/390 Version 1 Release 2 Graphical Enterprise Option for LE/370 US English.

Figure 71 on page 215 describes the TPServer file contents of the program tapes or cartridges.

**Note:** If you are installing TME 10 Netview for OS/390 Version 1 Release 2 using the MVS Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

<i>Figure 70. Graphical Enterprise Option for LE/370 Japanese Basic Material: Program Tape(s)</i>				
Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5083	1	E 1/4 VOLSER=JZ8300	JZ8300
6250 tape	5083	2	E 2/4 VOLSER=JZ8320	JZ8320
6250 tape	5083	3	E 3/4 VOLSER=JZ8340	JZ8340
6250 tape	5083	4	E 4/4 VOLSER=JZ8355	JZ8355
3480 cart.	5084	1	E 1/4 VOLSER=JZ8300	JZ8300
3480 cart.	5084	2	E 2/4 VOLSER=JZ8320	JZ8320
3480 cart.	5084	3	E 3/4 VOLSER=JZ8340	JZ8340
3480 cart.	5084	4	E 4/4 VOLSER=JZ8355	JZ8355
4mm tape	5085	1	E 1/4 VOLSER=JZ8300	JZ8300
4mm tape	5085	2	E 2/4 VOLSER=JZ8320	JZ8320
4mm tape	5085	3	E 3/4 VOLSER=JZ8340	JZ8340
4mm tape	5085	4	E 4/4 VOLSER=JZ8355	JZ8355
CDROM			LK3T-9614-00 NetView/390 CDROM	

*Figure 71. TPSEServer - TME 10 Netview for OS/390 Version 1 Release 2 Graphical Enterprise Stacked English Tape Format.*

VOLSER	File	Name	RECFM	LRECL	BLK SIZE
JZ8340	11	IBM.H23H100.F1	FB	80	8800
JZ8340	12	IBM.H23H100.F2	U	0	6144
JZ8340	13	IBM.H23H100.F3	FB	80	8800

### C.3.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for TME 10 Netview for OS/390 Version 1 Release 2.

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## C.4 Program Publications

The following sections identify the basic and optional publications for TME 10 Netview for OS/390 Version 1 Release 2.

### C.4.1 Basic Program Publications

All publications are included in KIT # LK2T6084.

### C.4.2 Optional Program Publications

No optional publications are provided for TME 10 Netview for OS/390 Version 1 Release 2.

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## C.5 Program Source Materials

No program source materials or viewable program listings are provided for TME 10 Netview for OS/390 Version 1 Release 2.

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## C.6 Publications Useful During Installation

The publications listed in Figure 72 may be useful during the installation of TME 10 Netview for OS/390 Version 1 Release 2. To order copies, contact your IBM or Tivoli representative.

*Figure 72 (Page 1 of 2). Publications Useful During Installation*

Publication Title	Form Number
SMP/E Commands	SC28-1805
SMP/E Reference	SC28-1806

Figure 72 (Page 2 of 2). Publications Useful During Installation

Publication Title	Form Number
SMP/E: Messages and codes	SC28-1108
SMP/E User's Guide	SC28-1302
MVS custom-Built Offering Planning and Installation	SC23-0352
IBM TCP/IP for MVS Customization and Administration Guide	SC31-7134
IBM Communications Manager Configuration Guide	S04G-1002

## C.7 Program Support

This section describes the IBM support available for TME 10 Netview for OS/390 Version 1 Release 2.

### C.7.1 Program Services

Contact your IBM or Tivoli representative for specific information about available program services.

### C.7.2 Preventive Service Planning

Before installing TME 10 Netview for OS/390 Version 1 Release 2, you should review the current Preventive Service Planning (PSP) information. If you obtained TME 10 Netview for OS/390 Version 1 Release 2 as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO tape.

If you obtained TME 10 Netview for OS/390 Version 1 Release 2 on a product tape, or if the CBPDO is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for TME 10 Netview for OS/390 Version 1 Release 2 are:

Figure 73. PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
TME10GEM100	H23H100	TPServer

### C.7.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent. The following table identifies the component ID (COMPID) for TPServer.

Figure 74. Component ID for TPServer

FMID	COMPID	Component Name	RETAIN Release
H23H100	5697B8300	TPServer	100

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## C.8 Program and Service Level Information

This section identifies the program and any relevant service levels of TME 10 Netview for OS/390 Version 1 Release 2. 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.

### C.8.1 Program Level Information

The following APAR fixes against previous releases of TPServer have been incorporated into this release:

- OW27449
- OW28519

### C.8.2 Service Level Information

No PTFs against this release of TPServer have been incorporated into the product tape.

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## C.9 Cumulative Service Tape

A cumulative service tape, containing PTFs not incorporated into this release, might be included with this program. Installation instructions for cumulative service tapes can be found in the SMP/E publications.

If you received this product as part of a CBPDO or a ProductPac, PTFs not incorporated into this release are provided on the tape, and a separate cumulative service tape will not be provided.

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## C.10 Installation Requirements and Considerations for TPServer

The following sections identify the system requirements for installing and activating TPServer. The following terminology is used:

- *Driving system*: the system used to install the program.
- *Target system*: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able

copy of the running system. The clone should include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product will delete the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.
- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone will allow you to assess these impacts without disrupting your production system.

## C.10.1 Driving System Requirements

This section describes the environment of the driving system required to install TPSEver.

### C.10.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

### C.10.1.2 Programming Requirements

*Figure 75. Driving System Software Requirements for TPSEver*

Program Number	Product Name and Minimum VRM/Service Level
5668-949	System Modification Program/Extended (SMP/E) V1R8 or later

## C.10.2 Target System Requirements for TPSEver

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

### C.10.2.1 Machine Requirements for TPSEver

The target system can run in any hardware environment that supports the required software.

### C.10.2.2 Programming Requisites for TPSEver

**C.10.2.2.1 Minimum Requisites:** A minimum requisite is defined as one of the following:

1. *Installation Requisite:* A product that is required at installation time. i.e. this product **will not install** successfully unless this requisite is met. This includes products that are specified as REQs, PREs, or CALLLIBs.
2. *Run Time Requisite:* A product that is **not** required for the successful installation of this product, but **is** needed at run time in order for this product to work.



<i>Figure 76. Functional Requisites</i>		
<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>	<b>Install Req?</b>
5655-HAL	IBM TCP/IP for MVS V3R1 or higher, or functional equivalent	Yes
5688-198	IBM Language Environment for MVS & VM Release 5 or higher	Yes

**C.10.2.2.2 Functional Requisites:** A functional requisite is defined as a product that is **not** required for the successful installation of this product or for the base function of the product, but **is** needed at run time for a specific function of this product to work. This includes products that are specified as IF REQS.

<i>Figure 77. Functional Requisites</i>			
<b>Function</b>	<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>	<b>Install Req?</b>
Host Security	5645-001	OS/390 Rel-3 with feature OS/390 Rel-3 Security Server	No
Distributed Security	5697-UAD	TME 10 User Administration	No

Note: If you are using OS/390 R3 and TCP/IP V3R2 you need to have OE APAR OW23878 installed for events to flow correctly between TME 10 NetView for OS/390 and TEC.

**C.10.2.2.3 Toleration/Coexistence Requisites:** A toleration/coexistence requisite is defined as a product which must be present on a sharing system. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD at difference time intervals. TPSServer does not have any toleration/coexistence requisites.

### C.10.2.3 DASD Storage Requirements for TPSServer

TPSServer libraries can reside on 3380 or higher DASD.

Figure 78 lists the total space required for each type of library.

<i>Figure 78. Total DASD Space Required by TPSServer</i>	
<b>Library Type</b>	<b>Total Space Required</b>
Target	550 blocks of 3390
Distribution	390 blocks of 3390

#### Notes:

1. All of these data sets are partitioned data sets (DSORG=PO).
2. The data set sizes specified contain 15% extra space. You may wish to revise these numbers based on your plans for adding additional function or service.
3. IBM recommends use of system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32760, which is the most efficient from a performance and DASD utilization perspective.

If you choose not to use system determined block sizes, use the block sizes and numbers of blocks specified to allocate the data sets. Data sets can be reblocked to a larger size.

4. Abbreviations used for the data set type are:

- U** Unique data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.
- S** Shared data set used by more than the FMIDs listed. In order to determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old one and reclaim the space used by the old release and any service that had been installed. You can determine whether or not these libraries have enough space by deleting the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information on the names and sizes of the required data sets, please refer to C.13.1.8, "Allocate SMP/E Target and Distribution Libraries" on page 226.

<i>Figure 79. Storage Requirements for SMP/E Work Data Sets for TPSEver</i>						
Library DDNAME	TYPE	RECFM	LRECL	BLKSIZE	No. of Blocks	No. of DIR Blocks
SMPWRK1	S	FB	80	8800	100	5
SMPWRK2	S	FB	80	8800	200	5
SMPWRK3	S	FB	80	3200	400	5
SMPWRK4	S	FB	80	3200	400	5
SMPWRK6	S	FB	80	3200	400	5

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

<i>Figure 80 (Page 1 of 2). Storage Requirements for SMP/E Data Sets for TPSEver</i>						
Library DDNAME	TYPE	RECFM	LRECL	BLKSIZE	No. of Blocks	No. of DIR Blocks
SMPMTS	S	FB	80	8800	40	25
SMPPTS	S	FB	80	8800	400	25

Figure 80 (Page 2 of 2). Storage Requirements for SMP/E Data Sets for TPSever

Library DDNAME	TYPE	RECFM	LRECL	BLKSIZE	No. of Blocks	No. of DIR Blocks
SMPLTS	S	U	0	6144	5000	50
SMPCDS	S	FB	80	8800	40	25
SMPSTS	S	FB	80	8800	40	25

The following figures list the target and distribution libraries (data sets) and their attributes required to install TPSever. The storage requirements of TPSever must be added to the storage required by other programs having data in the same data set (library).

Figure 81. Storage Requirements for TPSever Target Libraries

Library DDNAME	TYPE	RECFM	LRECL	BLKSIZE	No. of Blocks	No. of DIR Blocks
SIHSMOD1	U	U	0	6144	160	3
SIHSSMP1	U	FB	80	3120	25	1

Figure 82. Storage Requirements for TPSever Distribution Libraries

Library DDNAME	TYPE	RECFM	LRECL	BLKSIZE	No. of Blocks	No. of DIR Blocks
AIHSMOD1	U	U	0	6144	150	11
AIHSSMP1	U	FB	80	3120	25	1

---

## C.11 TPSever FMIDs Deleted

TPSever will not be deleting any FMIDs.

---

## C.12 Special Considerations

TPSever has no special considerations for the target system.

---

## C.13 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate TPSever. TPSever should be installed if you use the User Administration Service.

Please note the following:

- If you want to install TPSever into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI. Note also that SMPLTS is required.

- Sample jobs have been provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.
- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

## C.13.1 Installing TPServer

### C.13.1.1 SMP/E Considerations for Installing TPServer

This release of TPServer is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

### C.13.1.2 SMP/E Environment

All SMP/E installation jobs provided assume that all necessary DD statements for the execution of SMP/E are defined using DDDEFs.

Sample jobs are provided to assist you in installing TPServer. After the RECEIVE step has been completed, the sample jobs can be found in SMPTLIB: IBM.H23H100.F3. Make a copy of these jobs in your own library and modify them to use during the installation of TPServer. The sample jobs are:

<b>IHSTZREC</b>	TPServer sample RECEIVE job
<b>IHSTZALO</b>	TPServer sample job to allocate target and distribution libraries
<b>IHSTZDDF</b>	TPServer sample job to define SMP/E DDDEFs
<b>IHSTZAPP</b>	TPServer sample APPLY job
<b>IHSTZACC</b>	TPServer sample ACCEPT job

In the sample SMP/E jobs provided, the global zone name in the SMP/E CSI is GLOBAL. The distribution zone name is #DLIBZONE. The target zone name is #TLIBZONE. The sample jobs should be updated to reflect the CSI and zone names used at your installation.

### C.13.1.3 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 83. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

*Figure 83 (Page 1 of 2). SMP/E Options Subentry Values*

SUB-ENTRY	Value	Comment
DSSPACE	300,500,900	use 900 directory blocks

Figure 83 (Page 2 of 2). SMP/E Options Subentry Values

SUB-ENTRY	Value	Comment
PEMAX	9999	The SMP/E default is larger than what can be specified here

#### C.13.1.4 SMP/E CALLLIBS Processing

TPServer uses the CALLLIBS function provided in SMP/E Release 8 to resolve external references during installation. When TPServer is installed, ensure the following:

- Verify that the SMP/E SMPLTS data set has been allocated. Refer to *SMP/E Reference* for information on allocating the SMPLTS data set.

**Note:** For TPServer, 40 cylinders of 3390 DASD space is adequate for the SMPLTS.

- Provide DDDEFs for the following libraries:
  - CSSLIB
  - SCEELKED
  - SCEESPC

See C.13.1.9, “Create DDDEF Entries” on page 228 for a sample job to define these DDDEFs.

**Note:** The DDDEFs above are used only to resolve the link-edit for TPServer using CALLLIBS. These data sets are not updated during the installation of TPServer.

### C.13.1.5 Unload the Sample JCL from the Product Tape

Sample installation jobs are provided on the distribution tape to help you install TPServer. The following sample JCL will copy the TPServer jobs from the tape. Add a job card and modify the parameters in lower case to uppercase values to meet your site's requirements before submitting.

```
//IHSTUNLD 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=IBM.H23H100.F3,DISP=(OLD,KEEP),
//        UNIT=tunit,
//        VOL=SER=JZ8340,LABEL=(13,SL)
//OUTDISK DD DSNAME=jcl-library-name,
//          DISP=(NEW,CATLG,DELETE),
//          VOL=SER=dasdvol,UNIT=dunit,
//          DCB=(DSORG=PO,RECFM=FB,LRECL=80,BLKSIZE=8800),
//          SPACE=(8800,(100,10,25))
//SYSIN DD *
COPY INDD=INTAPE,OUTDD=OUTDISK
/*
//
```

where **tunit** is the unit value matching the product tape or cartridge, **jcl-library-name** is the name of the data set where the sample jobs will reside, **dasdvol** is the volume serial of the DASD device where the data set will reside, and **dunit** is the DASD unit type of the volume.

### C.13.1.6 Perform SMP/E RECEIVE

Edit and submit sample job IHSTZREC to perform the SMP/E RECEIVE for TPServer. Consult the instructions in the sample job for more information.

**Note:** To receive TPServer in a NetView Japanese environment you will need to modify the sample job IHSTZREC to point to **VOL=SER=JZ8340**.

**Note:** If you obtained TPServer as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the TPServer FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included with the CBPDO.

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### C.13.1.7 RECEIVE the Cumulative Service Tape

Figure 84 on page 225 shows the RECEIVE sample for TPServer.

```

//IHSTZREC JOB (1),'TME 10 GEM TPSEVER',
//      MSGCLASS=A,CLASS=A
//*
//*****
//*
//* Licensed Materials - Property of IBM
//*
//* 5697-B83 TME 10 Global Enterprise Manager
//* (C) Copyright IBM Corp. 1997. All rights reserved.
//*
//* US Government Users Restricted Rights - Use, duplication
//* or disclosure restricted by GSA ADP Schedule Contract
//* with IBM Corp.
//*
//*
//* This is a sample job to receive the TP Server function.
//*
//* Instructions for running this job:
//*
//* 1. Update the job card parameters for your
//*    installation.
//*
//* 2. If you have an SMP/E procedure, change the EXEC
//*    statement to reference it. If you are invoking
//*    SMP/E directly, be sure all data sets required by
//*    SMP/E are defined as dddefs or on DD statements
//*    in the JCL.
//*
//* 3. Update the SMPCSI DD statement to the appropriate
//*    CSI name.
//*
//* 4. Uncomment the SMPLOG DD statement if you do not
//*    have it defined in your SMP procedure. Change
//*    the high level qualifier as needed.
//*
//* 5. Uncomment the SMPTLIB DD statement if it is not
//*    defined in the GLOBAL zone or in your SMP procedure.

```

Figure 84 (Part 1 of 2). RECEIVE for TPSEVER.

```

//*                                     *
//*                                     *
//*      OW28519,V1R1,08/04/97,RLF: NEW FUNCTION.      *
//*****
//*
//RECEIVE EXEC PGM=GIMSMP,REGION=4096K      /* <=== Note 2 */
//SMPCSI DD DSN=#globalcsi,
//      DISP=SHR      /* <=== Note 3 */
//*
//SMPPTFIN DD DSN=SMPMCS,UNIT=3480,VOL=SER=PZ8340,DISP=OLD
//*
//*SMPLOG DD DSN=tme10gem.SMPLOG,DISP=SHR /* <=== Note 4 */
//*SMPTLIB DD UNIT=SYSDA,DISP=OLD, /* <=== Note 5 */
//*      VOL=SER=volser
//*
//SMPCNTL DD *
      SET BDY(GLOBAL) .

      RECEIVE S(H23H100) SYSMODS LIST .
//

```

Figure 84 (Part 2 of 2). RECEIVE for TPSEver.

NOTE: This step is bypassed if receiving the product from a CBPDO.

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### C.13.1.8 Allocate SMP/E Target and Distribution Libraries

Edit and submit sample job IHSTZALO to allocate the SMP/E target and distribution libraries for TPSEver. Consult the instructions in the sample job for more information.



```

//IHSTZALO JOB (1),'TME 10 GEM TPSEVER',
//      MSGCLASS=A,CLASS=A
//*
//*****
//*
//* Licensed Materials - Property of IBM
//*
//* 5697-B83 TME 10 Global Enterprise Manager
//* (C) Copyright IBM Corp. 1997. All rights reserved.
//*
//* US Government Users Restricted Rights - Use, duplication
//* or disclosure restricted by GSA ADP Schedule Contract
//* with IBM Corp.
//*
//*
//* This is a sample job to allocate the TP server target
//* and dlib data sets.
//*
//* Instructions for running this job:
//*
//* 1. Update the job card parameters for your
//* installation.
//*
//* 2. Change the high level qualifier as needed.
//*
//* 3. Supply your desired volser name.
//*
//*****
//*
//ALLOC EXEC PGM=IEFBR14
//*
//SIHSMOD1 DD DSN=tme10gem.v1r1m0.SIHSMOD1,
//          UNIT=SYSALLDA,
//          VOL=SER=tpsgem,
//          SPACE=(6144,(200,100,27)),
//          DCB=(RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//*

```

Figure 85 (Part 1 of 2). Job to Allocate TPSEver

```

//AIHSMOD1 DD DSN=tme10gem.v1r1m0.AIHSMOD1,
//          UNIT=SYSALLDA,
//          VOL=SER=tpsgem,
//          SPACE=(6144,(200,100,27)),
//          DCB=(RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//*
//SIHSSMP1 DD DSN=tme10gem.v1r1m0.SIHSSMP1,
//          UNIT=SYSALLDA,
//          VOL=SER=tpsgem,
//          SPACE=(3120,(100,50,27)),
//          DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120),
//          DISP=(NEW,CATLG)
//*
//AIHSSMP1 DD DSN=tme10gem.v1r1m0.AIHSSMP1,
//          UNIT=SYSALLDA,
//          VOL=SER=tpsgem,
//          SPACE=(3120,(200,100,27)),
//          DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120),
//          DISP=(NEW,CATLG)
//

```

Figure 85 (Part 2 of 2). Job to Allocate TPServer

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### C.13.1.9 Create DDDEF Entries

Edit and submit sample job IHSTZDDF to create DDDEF entries for the SMP/E target and distribution libraries for TPServer. Consult the instructions in the sample job for more information. Figure 86 on page 229 shows sample IHSTZDDF.

```

//IHSTZDDF JOB (1),'TME 10 GEM TPSEVER',
//      MSGCLASS=A,CLASS=A
//*
//*****
//*
//* Licensed Materials - Property of IBM
//*
//* 5697-B83 TME 10 Global Enterprise Manager
//* (C) Copyright IBM Corp. 1997. All rights reserved.
//*
//* US Government Users Restricted Rights - Use, duplication
//* or disclosure restricted by GSA ADP Schedule Contract
//* with IBM Corp.
//*
//*
//* This is a sample job to define the SMP/E DDDEF zone
//* entries for the TP server.
//*
//* Instructions for running this job:
//*
//* 1. Update the job card parameters for your
//* installation.
//*
//* 2. If you have an SMP/E procedure, change the EXEC
//* statement to reference it. If you are invoking
//* SMP/E directly, be sure all data sets required by
//* SMP/E are defined as dddefs or on DD statements
//* in the JCL.
//*
//* 3. Update the SMPCSI DD statement to the appropriate
//* CSI name.
//*
//* 4. Update the zone names to the target and dlib zones
//* you are using.
//*
//* 5. Change tme10gem and cee to the appropriate high
//* level qualifiers.
//*

```

Figure 86 (Part 1 of 3). IHSTZDDF

```

/** 6. Update the Language Environment (LE) libraries to      *
/**      the level you are using.                             *
/**                                                                 *
/**      OW28519,V1R1,07/30/97,RLF: NEW FUNCTION.            *
/*******
/**
/**DDDEFT EXEC PGM=GIMSMP,REGION=4096K      /* <=== Note 2 */
/**SMPCSI DD DSN=#globalcsi,
/**      DISP=SHR                          /* <=== Note 3 */
/**SMPCNTL DD *
/**      SET BDY(#tzone) .                  /* <=== Note 4 */

UCLIN .

  ADD DDDEF(SIHSMOD1)
      DA(tme10gem.v1r1m0.SIHSMOD1) SHR .

  ADD DDDEF(AIHSMOD1)
      DA(tme10gem.v1r1m0.AIHSMOD1) SHR .

  ADD DDDEF(SIHSSMP1)
      DA(tme10gem.v1r1m0.SIHSSMP1) SHR .

  ADD DDDEF(AIHSSMP1)
      DA(tme10gem.v1r1m0.AIHSSMP1) SHR .

  ADD DDDEF(CSSLIB)
      DA(SYS1.CSSLIB) SHR .

  ADD DDDEF(SCEELKED)
      DA(cee.SCEELKED)          /* <=== Note 6 */
      SHR .

  ADD DDDEF(SCEESPC)
      DA(cee.SCEESPC)          /* <=== Note 6 */
      SHR .

ENDUCL .
/**

```

Figure 86 (Part 2 of 3). IHSTZDDF

```

//DDDEFD EXEC PGM=GIMSMP,REGION=4096K /* <=== Note 2 */
//SMPCSI DD DSN=#globalcsi,
// DISP=SHR /* <=== Note 3 */
//SMPCNTL DD *
SET BDY(#dzone) . /* <=== Note 4 */

UCLIN .

ADD DDDEF(AIHSMOD1)
DA(tme10gem.v1r1m0.AIHSMOD1) SHR .

ADD DDDEF(AIHSSMP1)
DA(tme10gem.v1r1m0.AIHSSMP1) SHR .

ENDUCL.
//

```

Figure 86 (Part 3 of 3). IHSTZDDF

**Expected Return Codes and Messages:** The job is considered successful if return code zero is received.

### C.13.1.10 Perform SMP/E APPLY CHECK

Edit and submit sample job IHSTZAPP to perform an SMP/E APPLY CHECK for TPSEver. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the APPLY CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

The GROUPEXTEND operand indicates that SMP/E apply all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

**Expected Return Codes and Messages:** The job is considered successful if return code 4 is received.

For IHSTZAPP, you will also see the following messages in the job output:

**GIM61903W** LMOD IHSTSTCP WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSTCP IS NOT IN THE tgt1 ZONE.

**GIM61903W** LMOD IHSTTPOR WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSPOR IS NOT IN THE tgt1 ZONE.

### C.13.1.11 Perform SMP/E APPLY

Edit and submit sample job IHSTZAPP to perform an SMP/E APPLY for TPServer. Consult the instructions in the sample job for more information.

Figure 87 on page 232 shows the APPLY job for TPServer.

```
//IHSTZAPP JOB (1),'TME 10 GEM TPSEVER',
//      MSGCLASS=A,CLASS=A
//*
//*****
//*
//* Licensed Materials - Property of IBM
//*
//* 5697-B83 TME 10 Global Enterprise Manager
//* (C) Copyright IBM Corp. 1997. All rights reserved.
//*
//* US Government Users Restricted Rights - Use, duplication
//* or disclosure restricted by GSA ADP Schedule Contract
//* with IBM Corp.
//*
//*
//* This is a sample job to apply the TP Server function.
//*
//* Instructions for running this job:
//*
//* 1. Update the job card parameters for your
//* installation.
//*
//* 2. If you have an SMP/E procedure, change the EXEC
//* statement to reference it. If you are invoking
//* SMP/E directly, be sure all data sets required by
//* SMP/E are defined as dddefs or on DD statements
//* in the JCL.
//*
//* 3. Update the SMPCSI DD statement to the appropriate
//* CSI name.
//*
//* 4. Change the target zone name to the zone you are
//* using.
//*
//* 5. You may want to first run an APPLY CHECK to inform
//* you of possible errors prior to running the apply.
//* Uncomment the CHECK operand on the APPLY statement
//* if you want to do this.
//*
```

Figure 87 (Part 1 of 2). Job to APPLY TPSEVER

```

//*
//*
//*      OW28519,V1R1,08/04/97,RLF: NEW FUNCTION.
//*****
//*
//APPLY  EXEC PGM=GIMSMP,REGION=4096K      /* <=== Note 2 */
//SMPCSI DD   DSN=#globalcsi,
//          DISP=SHR                      /* <=== Note 3 */
//*
//SMPCNTL DD *
//          SET BDY(#tzone) .             /* <=== Note 4 */

//          APPLY SELECT(H23H100)
//          FORFMID(H23H100)
//          GROUPEXTEND
//          /* CHECK */                   /* <=== Note 5 */
//

```

Figure 87 (Part 2 of 2). Job to APPLY TPSErver

**Expected Return Codes and Messages:** The apply job may produce message GIM23903W for entries in the SIHSMOD1 data set if SIHSMOD1 is empty at the start of the apply step.

The job is considered successful if return code 4 is received.

For IHSTZAPP, you will also see the following messages in the job output:

**GIM61903W** LMOD IHSTSTCP WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSTCP IS NOT IN THE tgt1 ZONE.

**GIM61903W** LMOD IHSTTPOR WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSPOR IS NOT IN THE tgt1 ZONE.

### C.13.1.12 Authorize TPSErver Libraries

The TPSErver load libraries must be APF authorized. This includes the SIHSMOD1 data set and all libraries concatenated to it, such as the Language Environment (LE) run time library. Add the data set name and volume serial of the libraries to the appropriate member of SYS1.PARMLIB:

- If you are using member IEAAPFxx, add the following:

```
tme10gem.v1r1m0.SIHSMOD1      volser
```

- If you are using member PROGxx, add the following:

```
APF  ADD,DSNAME(tme10gem.v1r1m0.SIHSMOD1),VOLUME(volser)
```

### C.13.1.13 Define the TPServer

The TPServer executes as a started task and uses the services of MVS Open Edition to invoke TCP/IP functions. To define the server, do the following:

- Copy the sample TPServer JCL from member IHSTTPS in tme10gem.v1r1m0.SIHSSMP1 to member TPS in SYS1.PROCLIB. Edit the JCL as necessary to conform with your data set names for the SIHSMOD1 library, the LE runtime library, and the TCP/IP profile data set.
- Copy the TPServer initialization statements from member IHSTPM00 in tme10gem.v1r1m0.SIHSSMP1 to SYS1.PARMLIB. If necessary, change the statements as described in the comments included in the member.
- Optionally update your TCP/IP profile data set to reserve a port for the TPServer using the PORT initialization statement. The server name specified on the PORT statement must be OMVS, since MVS Open Edition is used to establish communications with TCP/IP. See the *TCP/IP for MVS Customization and Administration Guide* for the syntax and usage of the PORT statement.

As an example,

```
PORT
  501 TCP OMVS ; TPServer
;
```

would be used to reserve port 501 for use by the TPServer.

Any port number may be assigned, but it should not conflict with any other server you currently use.

For security reasons, it is recommended that you select a low port number (less than 1024) for use by the TPServer. Low ports can only be used by authorized servers.

- Define an OMVS segment for the TPServer started task userid. The TPServer uses the facilities of MVS Open Edition for communications. As a result, the TPServer must run under a userid with an OMVS segment defined. When running RACF, the userid is assigned through the ICHRIN03 table or the STARTED class.

The following example shows sample RACF commands to define an assign a userid to the TPServer started task.

```
ADDUSER TMESRVR OMVS( UID(0) )

RDEFINE STARTED TPS.* STDATA( USER(TMESRVR) )
```

The example assigns the userid TMESRVR for use by the TPServer started task named TPS. A uid of zero is required if a low port number is being used for communications, otherwise any uid appropriate for your installation can be used. The STARTED class must be active on the system.

See the appropriate RACF manuals for more information on using the commands shown in the example.

- Optionally update your TCP/IP services file to specify the port number reserved by the PORT statement. If you do not update the services file, you must use a TPServer TCPIP initialization statement to specify the port to be used for communications.



```
#  
# TPServer entries  
#  
tps      501/tcp
```

to assign port 501 to the TP server named TPS.

### C.13.1.14 Perform SMP/E ACCEPT CHECK

Edit and submit sample job IHSTZACC to perform an SMP/E ACCEPT CHECK for TPServer. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the ACCEPT CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

The GROUPEXTEND operand indicates that SMP/E accept all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

**Expected Return Codes and Messages:** The job is considered successful if return code 4 is received.

For IHSTZACC, you will also see the following messages in the job output:

**GIM61903W** LMOD IHSTSTCP WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSTCP IS NOT IN THE dlib1 ZONE.

**GIM61903W** LMOD IHSTTPOR WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSPOR IS NOT IN THE dlib1 ZONE.

### C.13.1.15 Perform SMP/E ACCEPT

Edit and submit sample job IHSTZACC to perform an SMP/E ACCEPT for TPServer. Consult the instructions in the sample job for more information.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

Figure 88 on page 237 shows the ACCEPT job for TPServer.

```

//IHSTZACC JOB (1),'TME 10 GEM TPSEVER',
//      MSGCLASS=A,CLASS=A
//*
//*****
//*
//* Licensed Materials - Property of IBM
//*
//* 5697-B83 TME 10 Global Enterprise Manager
//* (C) Copyright IBM Corp. 1997. All rights reserved.
//*
//* US Government Users Restricted Rights - Use, duplication
//* or disclosure restricted by GSA ADP Schedule Contract
//* with IBM Corp.
//*
//*
//* This is a sample job to accept the TP Server function.
//*
//* Instructions for running this job:
//*
//* 1. Update the job card parameters for your
//*    installation.
//*
//* 2. If you have an SMP/E procedure, change the EXEC
//*    statement to reference it. If you are invoking
//*    SMP/E directly, be sure all data sets required by
//*    SMP/E are defined as dddefs or on DD statements
//*    in the JCL.
//*
//* 3. Update the SMPCSI DD statement to the appropriate
//*    CSI name.
//*
//* 4. Change the dlib zone name to the zone you are
//*    using.
//*
//* 5. You may want to first run an ACCEPT CHECK to inform
//*    you of possible errors prior to running the accept.
//*    Uncomment the CHECK operand on the ACCEPT statement
//*    if you want to do this.
//*

```

Figure 88 (Part 1 of 2). Job to ACCEPT TPSEver

```

//*                                     *
//*                                     *
//*      OW28519,V1R1,08/04/97,RLF: NEW FUNCTION.      *
//*****
//*
//ACCEPT EXEC PGM=GIMSMP,REGION=4096K /* <=== Note 2 */
//SMPCSI DD DSN=#globalcsi,
//      DISP=SHR /* <=== Note 3 */
//SMPCNTL DD *
      SET BDY(#dzone) . /* <=== Note 4 */

      ACCEPT SELECT(H23H100)
      FORFMID(H23H100)
      GROUPEXTEND
      /* CHECK */ /* <=== Note 5 */
      .
//

```

Figure 88 (Part 2 of 2). Job to ACCEPT TP Server

**Expected Return Codes and Messages:** The job is considered successful if return code 4 is received.

For IHSTZACC, you will also see the following messages in the job output:

**GIM61903W** LMOD IHSTSTCP WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSTCP IS NOT IN THE dlib1 ZONE.

**GIM61903W** LMOD IHSTTPOR WAS NOT DELETED BY SYSMOD H23H100 BECAUSE IHSTSPOR IS NOT IN THE dlib1 ZONE.

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will linkedit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 04 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

---

## C.14 TPSErver Install Logic

### C.14.1 SMP/E Modification Control Statements

The SMP/E Modification Control Statements (SMPMCS) for TME 10 Netview for OS/390 Version 1 Release 2 are contained in the SMPMCS file on the installation tape. The SMPMCS for each FMID in the product will be loaded to the SMPPTS dataset, with a member name matching the FMID, when the FMID is SMP/E RECEIVED. You may browse or print these members using TSO/E, ISPF, or IEBGENER (or IEBPTPCH).

### C.14.2 SMP/E JCLIN

The JCLIN for TME 10 Netview for OS/390 Version 1 Release 2 is contained in the RELFILEs on the installation tape. These files will be loaded to disk by SMP/E when the product is SMP/E RECEIVED. You may browse or print these files using TSO/E, ISPF, or IEBGENER (or IEBPTPCH).

The file containing JCLIN is:

FMID H23H100: 'IBM.H23H100.F1(H23H100)'

**Note:** The high-level qualifier is the qualifier specified as the DSPREFIX in the SMP/E OPTIONS.

# Reader's Comments

## Program Directory for TME 10 NetView for OS/390 Version 1 Release 2 Modification Level 00

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.

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RATING SCALE					
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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

How did you order this product?

- CBIPO
- CBPDO
- CustomPac
- ServerPac
- 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?





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