IBM

Program Directory for

NetView V2R3 for VSE/ESA

Version 2
Release 3

Program Number 5686-055

for Use with
VSE/ESA

Document Date: April 28, 1993

xxxx-yyyy-zz

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┌─── Note! ──────────────────────────────────────────────────────────────────┐
│                                                                             │
│  Before using this information and the product it supports, be sure to read the general information under "Notices" on page vi. │
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This program directory, dated April 28, 1993, applies to NetView Version 2 Release 3 for VSE/ESA, Program Number 5686-055 for the following:

COMPID(s)	Feature Number(s)	System Name
568605501	5810/5811/5812/5814	VSE/ESA
568605502	5820/5821/5822/5824	
568605503	5870/5871/5872/5874	
	5880/5881/5882/5884	

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Notices

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| IBM | VSE/ESA | ACF/VTAM |
| NetView | | |

1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of NetView* V2R3 for VSE/ESA* (hereafter referred to as NetView V2R3 VSE/ESA). 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, "Product Introduction" on page 2 describes NetView V2R3 VSE/ESA and your ordering options.

- 3.0, "Program Materials" on page 5 identifies the basic and optional program materials and documentation for NetView V2R3 VSE/ESA.

- 4.0, "Program Support" on page 11 describes the IBM* support available for NetView V2R3 VSE/ESA.

- 5.0, "Program and Service Level Information" on page 13 lists the APARs (program level) and PTFs (service level) incorporated into NetView V2R3 VSE/ESA.

- 6.0, "Installation Requirements and Considerations for NetView V2R3 VSE/ESA Distributed System Option" on page 14 identifies the resources and considerations for installing and using NetView V2R3 VSE/ESA.

- 7.0, "Installation Requirements and Considerations for NetView V2R3 VSE/ESA Central System Option" on page 17 identifies the resources and considerations for installing and using NetView V2R3 VSE/ESA.

- 8.0, "Installation Instructions for NetView V2R3 VSE/ESA" on page 20 provides detailed installation instructions for NetView V2R3 VSE/ESA.

Before installing NetView V2R3 VSE/ESA, read 4.2, "Preventive Service Planning" on page 11. This section tells you how to find any updates to the information and procedures in this program directory.

In the back of this program directory you will find a Reader's Comment Form. Please take the time to fill out this form and return it to the address shown. Responses to this form are used to make product installation easier in future releases of this product.

2.0 Product Introduction

This program directory should be the first material that you read before you install NetView V2R3 VSE/ESA unless you install on a system which has a previous level of NetView already installed. If you have a previous level of NetView installed, you should refer to the appropriate chapter in the *NetView Installation and Administration Guide (VSE)* for migrating instructions. That manual will refer you back to this program directory, when appropriate.

NetView V2R3 VSE/ESA provides a cohesive set of host network management services. It enhances the usability and operation of network management functions in the VSE environment. NetView V2R3 VSE/ESA can be used in a variety of ways to help you manage and utilize your network more effectively.

2.1 NetView V2R3 VSE/ESA Ordering Options

When you ordered NetView V2R3 VSE/ESA you specified two things:

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

Important Note to Users

The installation process is designed to install either US English NetView or Japanese NetView on a single CPU. Any subsequent service that is applied follows the same strategy. If an attempt is made to install both the US English and the Japanese NetView into the same sublibraries, the prerequisite string will prevent this and if overridden, many of the files will be overlaid and the language features will not install correctly.

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

Figure 1. Ordering Option Components

	Component				
Ordering Option	**NetView Base 3II 568605501**	**NetView Base US English 3AA 568605502**	**NetView Base Japanese 3BA 568605502**	**NetView Extended US English 3AB 568605503**	**NetView Extended Japanese 3BB 568605503**
NetView Distributed US English	√	√			
NetView Distributed Japanese	√		√		
NetView Central System US English	√	√		√	
NetView Central System Japanese	√		√		√

2.1.1 NetView V2R3 VSE/ESA Installation Options

When you ordered NetView V2R3 VSE/ESA you specified an appropriate option pertaining to the environment where you planned to use the product. The installation options are:

- Central system
- Distributed system

The central system option or distributed system option was ordered through the use of unique feature numbers. The standalone system option is provided as part of the central system option and is selected during installation.

The *NetView Installation and Administration Guide (VSE)* provides instructions to enable the appropriate option during customization.

2.1.1.1 NetView V2R3 VSE/ESA Central System Option

The central system option provides all of the function of NetView V2R3 VSE/ESA, 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 provide focal point operations for either network management or system automation. It allows an operations staff at a central system to support multiple systems, including both those in the same data center and those located at remote sites. The central system option provides the following functions in support of this environment:

- Comprehensive operator interface, including:

    - Session monitor operator panels
    - Hardware monitor operator panels

- NetView-to-NetView communication for:

    - Command facility, session monitor, and hardware monitor cross-domain communication
    - NetView alert and status forwarding

2.1.1.2 NetView V2R3 VSE/ESA Distributed System Option

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

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

2.1.2 Summary of Functions by Environment

Figure 2 on page 3 shows the functions contained in the option for each environment.

Figure 2. Functions by Environment

Functions	Central System option	Distributed System option
Operator Interface		
• Session monitor panels • Hardware monitor panels	Yes	No
NetView-to-NetView Communications		
• Command facility, session monitor, and hardware monitor cross-domain communication • NetView alert and status forwarding	Yes*	Yes

2.1.3 NetView V2R3 VSE/ESA NLS Options

When you ordered NetView V2R3 VSE/ESA you specified a language in which you wanted to run NetView V2R3 VSE/ESA. The NLS options for NetView V2R3 VSE/ESA are:

 • US English
 • Japanese

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

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

3.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for NetView V2R3 VSE/ESA is 5686-055.

The program announcement material describes the features supported by NetView V2R3 VSE/ESA. Ask your IBM marketing representative for this information, if you have not already received a copy.

The following sections identify:

- The basic and optional program materials available with this program
- Publications associated with this program
- Publications useful during installation
- Available microfiche

3.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tapes (written at either 1600 or 6250 BPI), 3480 cartridges, or 1/4-inch tape cartridges. The tapes or cartridges contain all the programs and data needed for installation. NetView V2R3 VSE/ESA is installed using the Maintain System History Program. See 8.0, "Installation Instructions for NetView V2R3 VSE/ESA" on page 20 for more information about how to install the program. Figure 3 describes the tapes or cartridges. Figure 7 on page 7 describes the file content of the program tapes or cartridges.

Note: The program tape and cartridge contains "Restricted Materials of IBM."

Figure 3 (Page 1 of 2). Basic Material: Central System Feature, US English-Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification
1600 tape	5810	1	NETV VSE/ESA 3II CS
1600 tape	5810	1	NETV VSE/ESA 3AA CS
1600 tape	5810	1	NETV VSE/ESA 3AB CS
6250 tape	5811	1	NETV VSE/ESA 3II CS
6250 tape	5811	1	NETV VSE/ESA 3AA CS
6250 tape	5811	1	NETV VSE/ESA 3AB CS
3480 tape	5812	1	NETV VSE/ESA 3II CS
3480 tape	5812	1	NETV VSE/ESA 3AA CS
3480 tape	5812	1	NETV VSE/ESA 3AB CS
Quarter inch tape	5814	1	NETV VSE/ESA 3II CS

Figure 3 (Page 2 of 2). Basic Material: Central System Feature, US English-Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification
Quarter inch tape	5814	1	NETV VSE/ESA 3AA CS
Quarter inch tape	5814	1	NETV VSE/ESA 3AB CS

Figure 4. Basic Material: Central System Feature, Japanese - Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification
1600 tape	5870	1	NETV VSE/ESA 3II CS
1600 tape	5870	1	NETV VSE/ESA 3BA CS
1600 tape	5870	1	NETV VSE/ESA 3BB CS
6250 tape	5871	1	NETV VSE/ESA 3II CS
6250 tape	5871	1	NETV VSE/ESA 3BA CS
6250 tape	5871	1	NETV VSE/ESA 3BB CS
3480 tape	5872	1	NETV VSE/ESA 3II CS
3480 tape	5872	1	NETV VSE/ESA 3BA CS
3480 tape	5872	1	NETV VSE/ESA 3BB CS
Quarter inch tape	5874	1	NETV VSE/ESA 3II CS
Quarter inch tape	5874	1	NETV VSE/ESA 3BA CS
Quarter inch tape	5874	1	NETV VSE/ESA 3BB CS

Figure 5 (Page 1 of 2). Basic Material: Distributed System Feature, US English-Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification
1600 tape	5820	1	NETV VSE/ESA 3II DS
1600 tape	5820	1	NETV VSE/ESA 3AA DS
6250 tape	5821	1	NETV VSE/ESA 3II DS
6250 tape	5821	1	NETV VSE/ESA 3AA DS
3480 tape	5822	1	NETV VSE/ESA 3II DS
3480 tape	5822	1	NETV VSE/ESA 3AA DS

Figure 5 (Page 2 of 2). Basic Material: Distributed System Feature, US English-Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification
Quarter inch tape	5824	1	NETV VSE/ESA 3II DS
Quarter inch tape	5824	1	NETV VSE/ESA 3AA DS

Figure 6. Basic Material: Distributed System Feature, Japanese-Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification
1600 tape	5880	1	NETV VSE/ESA 3II DS
1600 tape	5880	1	NETV VSE/ESA 3BA DS
6250 tape	5881	1	NETV VSE/ESA 3II DS
6250 tape	5881	1	NETV VSE/ESA 3BA DS
3480 tape	5882	1	NETV VSE/ESA 3II DS
3480 tape	5882	1	NETV VSE/ESA 3BA DS
Quarter inch tape	5884	1	NETV VSE/ESA 3II DS
Quarter inch tape	5884	1	NETV VSE/ESA 3BA DS

3.1.1 NetView Base

Figure 7 is the format of the NetView Base VSE tape.

Figure 7. NETVIEW.B..2.3.0 VSE Tape Format (File Content)

File	Description	Name
1	Header	HD0383II
2	Product ID & History File	0383II 'SHIPMENT.0383II'
3	Product Production & Generation Libraries	PR$3II G1$3II

3.1.2 NetView Base U.S. English Language

Figure 8 is the format of the NetView Base U.S. English Language VSE tape.

Figure 8. NETVIEW.BE.2.3.0 VSE Tape Format (File Content)

File	Description	Name
1	Header	HD0383AA
2	Product ID & History File	0383AA 'SHIPMENT.0383AA'
3	Product Production & Generation Libraries	PR$3AA G1$3AA

3.1.3 NetView Base Japanese Language

Figure 9 is the format of the NetView Base Japanese Language VSE tape.

Figure 9. NETVIEW.BJ.2.3.0 VSE Tape Format (File Content)

File	Description	Name
1	Header	HD0383BA
2	Product ID & History File	0383BA 'SHIPMENT.0383BA'
3	Product Production & Generation Libraries	PR$3BA G1$3BA

3.1.4 NetView Extended U.S. English Language

Figure 10 is the format of the NetView Extended U.S. English Language tape.

Figure 10. NETVIEW.XE.2.3.0 VSE Tape Format (File Content)

File	Description	Name
1	Header	HD0383AB
2	Product ID & History File	0383AB 'SHIPMENT.0383AB'
3	Product Production & Generation Libraries	PR$3AB G1$3AB

3.1.5 NetView Extended Japanese Language

Figure 11 is the format of the NetView Extended Japanese Language VSE tape.

Figure 11. NETVIEW.XJ.2.3.0 VSE Tape Format (File Content)

File	Description	Name
1	Header	HD0383BB
2	Product ID & History File	0383BB 'SHIPMENT.0383BB'
3	Product Production & Generation Libraries	PR$3BB G1$3BB

3.2 Optional Machine-Readable Material

There are no optional machine-readable materials for NetView V2R3 VSE/ESA.

3.3 Program Publications

The following sections identify the basic and optional publications for NetView V2R3 VSE/ESA.

3.3.1 Basic Program Publications

Figure 12 identifies the basic program publications for NetView V2R3 VSE/ESA. One copy of each of these publications is included when you order the basic materials for NetView V2R3 VSE/ESA. For additional copies, contact your IBM representative.

Figure 12. Basic Material: Unlicensed Publications

Publication Title	Form Number
Thanks For Your Suggestions	GC31-7064
NetView Bridge Implementation	SC31-6131
NetView Licensed Program Specifications	GC31-6107
NetView At a Glance	GC31-7016
NetView Samples (VSE)	SC31-6184
NetView Administration Reference	SC31-6128
NetView Customization Guide	SC31-6132
NetView Customization: Writing Command Lists	SC31-6135
NetView Operation	SC31-6127
NetView Resource Alerts Reference	SC31-6136
NetView Tuning Guide	SC31-6137*
NetView Customization: Using Assembler	SC31-6133
NetView Customization: Using PL/I and C	SC31-6134
NetView Messages	SC31-6138
NetView Application Programming Guide	SC31-6129
NetView Automation Planning	SC31-6141
Planning and Reference for NetView, NCP, and VTAM	SC31-6191
NetView Installation and Administration Guide (VSE)	SC31-6182
NetView Storage Estimates for MVS, VM, VSE	SK2T-6002
Learning About NetView Operation	SK2T-1995
NetView Command Summary	SX75-0071
Bibliography and Master Index for NetView, NCP, and VTAM	GC31-7032*
Customer Requirements Submission Questionnaire	G325-6030**

* When available ** US domestic customers only

Figure 13. Basic Material: Licensed Publications

Publication Title	Form Number
NetView Problem Determination and Diagnosis	LY43-0014
NetView Automation Implementation	LY43-0015

3.3.2 Optional Program Publications

Figure 14. Optional Material: Unlicensed Publications

Publication Title	Order/Form Number
Networking System Products Softcopy Collection (CD-ROM)	SK2T-6012-03*
Networking System Products Softcopy Collection (3480 Cart.)	SK2T-6013
Softcopy Collection Kit User's Guide	GC28-1700

*Any subsequent release is also applicable.

3.4 Microfiche Support

There is no microfiche for NetView V2R3 VSE/ESA.

3.5 Publications Useful During Installation

The publications listed in Figure 15 may be useful during the installation of NetView V2R3 VSE/ESA. To order copies, contact your IBM representative.

Figure 15. Publications Useful During Installation

Publication Title	Form Number
VSE/Advanced Functions, Maintain System History Program (MSHP) Reference	SC33-6199
VSE/Advanced Functions System Control Statements	SC33-6198
VSE/Power Administration and Operation Guide	SC33-6571
VSE/Interactive Computing and Control Facility Users Guide	SC33-6563
NetView Installation and Administration Guide (VSE)	SC31-6182
NetView Samples (VSE)	SC31-6184

4.0 Program Support

This section describes the IBM support available for NetView V2R3 VSE/ESA.

4.1 Service Instructions

Contact your IBM marketing representative or systems engineer (SE) for specific information about available service instructions.

4.2 Preventive Service Planning

Before installing NetView V2R3 VSE/ESA, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see whether there is additional preventive service planning (PSP) information that you should know. To obtain this information, specify the following upgrade and subset values:

Figure 16. PSP Upgrade and Subset ID

UPGRADE	SUBSET	RETAIN Release
NETVIEW230	3II	PSP Information for NetView Base
NETVIEW230	3AA	PSP Information for NetView Base US English
NETVIEW230	3AB	PSP Information for NetView Extended US English
NETVIEW230	3BA	PSP Information for NetView Base Japanese
NETVIEW230	3BB	PSP Information for NetView Extended Japanese

If you have received NetView V2R3 VSE/ESA only from IBM Software Distribution, then before installing NetView V2R3 VSE/ESA, you should also check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see if there is additional PSP information.

4.3 Statement of Support Procedures

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

Figure 17 identifies the component IDs (COMP IDs) for NetView V2R3 VSE/ESA.

Figure 17 (Page 1 of 2). Component IDs

COMP ID	Component Name	REL
568605501	NetView Base	3II
568605502	NetView Base US English	3AA

Figure 17 (Page 2 of 2). Component IDs

COMP ID	Component Name	REL
568605503	NetView Extended US English	3AB
568605502	NetView Base Japanese	3BA
568605503	NetView Extended Japanese	3BB

5.0 Program and Service Level Information

This section identifies the program and service levels of NetView V2R3 VSE/ESA. 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.

5.1 Program Level Information

See Appendix A, "Program Level Information" on page 27 for a list of APAR fixes against previous releases of NetView V2R3 VSE/ESA that have been incorporated into this release.

5.2 Service Level Information

There is no service level information for NetView V2R3 VSE/ESA.

5.3 Cumulative Service Tape

A cumulative service tape, containing PTFs not incorporated into this release, might be included with this program.

6.0 Installation Requirements and Considerations for NetView V2R3 VSE/ESA Distributed System Option

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Note to Central System Option Users

If you have ordered a central system option, skip this chapter and proceed to 7.0, "Installation Requirements and Considerations for NetView V2R3 VSE/ESA Central System Option" on page 17.

The following sections identify the system requirements for installing NetView V2R3 VSE/ESA distributed system option.

Figure 18 shows the distributed base NLS options and their components.

Figure 18. Ordering Option Components for NetView V2R3 VSE/ESA Distributed System Option

	Component		
NLS Ordering Option	**NetView Base 3II 568605501**	**NetView Base US English 3AA 568605502**	**NetView Base Japanese 3BA 568605502**
NetView Distributed US English	√	√	
NetView Distributed Japanese	√		√

6.1 System Requirements for NetView V2R3 VSE/ESA Distributed System Option

The following describes the environment of the system required for installation of NetView V2R3 VSE/ESA distributed system option.

6.1.1 Operating System Requirements for NetView V2R3 VSE/ESA Distributed System Option

This program will operate under VSE/ESA 1.0 or later operating system.

6.1.2 Machine Requirements for NetView V2R3 VSE/ESA Distributed System Option

NetView V2R3 VSE/ESA runs in a virtual storage environment on any IBM system configuration with sufficient storage to support VSE/ESA Version 1.0 or later.

Any terminal in the 3270 family with a keyboard and at least a 1 920 character screen size is supported by

NetView as a communications network operator station. In addition, NetView will accept light pen input on selected items and provide color display output for terminals that have these features.

6.1.3 Programming Requirements for NetView V2R3 VSE/ESA Distributed System Option

- NetView V2R3 VSE/ESA is designed to run on ACF/VTAM* V3R4 (5666-363) or later.
- NetView will also operate with ACF/NCP Version 4 (5668-854) or later.
- NetView V2R3 for VSE requires OCCF V1R2 or later for automating system console operations.
- MSHP and/or ICCF will be used to install NetView V2R3 VSE/ESA distributed system option.

6.1.4 DASD Storage Requirements for NetView V2R3 VSE/ESA Distributed System Option

To install NetView V2R3 VSE/ESA distributed system option, library space must be available as shown in Figure 19:

Figure 19. Free Library Space

Device Type	Tracks	Blocks
3380	1400	NA
FB-512	NA	130,200

Space requirements are larger than needed for installation to allow for any PTF service which may be applied at a later date.

6.1.5 Programming Considerations for NetView V2R3 VSE/ESA Distributed System Option

The following sections list program, system, and special programming considerations for installing NetView V2R3 VSE/ESA distributed system option.

6.1.6 Program Considerations for NetView V2R3 VSE/ESA Distributed System Option

See 8.0, "Installation Instructions for NetView V2R3 VSE/ESA" on page 20 for specific instructions.

6.1.7 System Considerations for NetView V2R3 VSE/ESA Distributed System Option

There are no system considerations for NetView V2R3 VSE/ESA distributed system option.

6.1.8 Special Considerations for NetView V2R3 VSE/ESA Distributed System Option

It is recommended that the following PTFs be applied for OCCF V1R2:

- UL31898
- UL35820
- UL29068

DASD Conservation Option (DCO) is an installation option and not a packaging option. Its purpose is to allow the distributed system packaging option for NetView to be installed on systems that have constraints on DASD. With DCO, many panels that would normally take up DASD space are omitted while still allowing the distributed system function. Only the base tape, 568605501, needs to be installed for DCO.

Library space must be available as shown in Figure 20 for installation of NetView V2R3 VSE/ESA distributed system option DCO.

Figure 20. Free Library Space

Device Type	Tracks	Blocks
3380	1100	NA
FB-512	NA	102,300

You are now aware of all of the installation requirements for NetView V2R3 VSE/ESA distributed system option. Proceed to 8.0, "Installation Instructions for NetView V2R3 VSE/ESA" on page 20 to begin your product installation.

7.0 Installation Requirements and Considerations for NetView V2R3 VSE/ESA Central System Option

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Note to Distributed System Users

If you have ordered a distributed system option, ignore this chapter and return to 6.0, "Installation Requirements and Considerations for NetView V2R3 VSE/ESA Distributed System Option" on page 14 for installation requirements and considerations or proceed to 8.0, "Installation Instructions for NetView V2R3 VSE/ESA" on page 20 to begin your installation.

The following sections identify the system requirements for installing NetView V2R3 VSE/ESA.

Figure 21 shows the central system NLS options and their components.

Figure 21. Ordering Option Components for NetView V2R3 VSE/ESA Central System Option

	Component				
NLS Ordering Option	NetView Base 3II 568605501	NetView Base US English 3AA 568605502	NetView Base Japanese 3BA 568605502	NetView Extended US English 3AB 568605503	NetView Extended Japanese 3BB 568605503
NetView Central System US English	√	√		√	
NetView Central System Japanese	√		√		√

7.1 System Requirements for NetView V2R3 VSE/ESA Central System Option

The following describes the environment of the system required for installation of the NetView V2R3 VSE/ESA central system option.

7.1.1 Operating System Requirements for NetView V2R3 VSE/ESA Central System Option

This program will operate under a VSE/ESA 1.0 or later operating system.

7.1.2 Machine Requirements for NetView V2R3 VSE/ESA Central System Option

NetView V2R3 VSE/ESA central system option is designed to run in a virtual storage environment in any IBM system configuration with sufficient storage to support VSE/ESA 1.0 or later.

Any terminal in the 3270 family with a keyboard and at least a 1 920 character screen size is supported by NetView as a communications network operator station. In addition, NetView will accept light pen input on selected items and provide color display output for terminals that have these features.

7.1.3 Programming Requirements for NetView V2R3 VSE/ESA Central System Option

- NetView V2R3 VSE/ESA is designed to run on ACF/VTAM V3R4 or later.
- NetView will also operate with ACF/NCP (5668-854) Version 4 or later.
- NetView V2R3 for VSE requires OCCF V1R2 or later for automating system console operations.
- MSHP and/or ICCF will be used to install NetView V2R3 VSE/ESA central system option.

7.1.4 DASD Storage Requirements for NetView V2R3 VSE/ESA Central System Option

For installation of NetView V2R3 VSE/ESA central system option, library space must be available as shown in Figure 22:

Figure 22. Free Library Space

Device Type	Tracks	Blocks
3380	1800	NA
FB-512	NA	167,400

Space requirements are larger than needed for installation to allow for any PTF service which may be applied at a later date.

7.2 Programming Considerations for NetView V2R3 VSE/ESA Central System Option

The following sections list the programming, system, and special considerations for installing NetView V2R3 VSE/ESA central system option.

7.2.1 Program Considerations for NetView V2R3 VSE/ESA Central System Option

See 8.0, "Installation Instructions for NetView V2R3 VSE/ESA" on page 20 for specific instructions.

7.2.2 System Considerations for NetView V2R3 VSE/ESA Central System Option

There are no system considerations for NetView V2R3 VSE/ESA central system option.

7.2.3 Special Considerations for NetView V2R3 VSE/ESA Central System Option

For OCCF V1R2 it is recommended that the following PTFs be applied:

- UL31898
- UL35820
- UL29068

You are now aware of all of the installation requirements for NetView V2R3 VSE/ESA central system option.

8.0 Installation Instructions for NetView V2R3 VSE/ESA

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of NetView V2R3 VSE/ESA.

> **Important Note to Users**
>
> The installation process is designed to install either US English NetView or Japanese NetView on a single CPU. Any subsequent service that is applied follows the same strategy. If an attempt is made to install both a US English and a Japanese NetView into the same sublibraries, the prerequisite string will prevent this and if overridden, many of the files will be overlaid and the language features will not install correctly.

The following sections contain installation instructions for NetView V2R3 VSE/ESA.

8.1 Pre-installation Procedures

NetView V2R3 VSE/ESA can be installed on an operational VSE system as described under 6.0, "Installation Requirements and Considerations for NetView V2R3 VSE/ESA Distributed System Option" on page 14 and 7.0, "Installation Requirements and Considerations for NetView V2R3 VSE/ESA Central System Option" on page 17. NetView V2R3 is supplied as a copy of the production and generation libraries of NetView V2R3 which include phases, modules, and macros belonging to the NetView V2R3 licensed program. In addition, a history file containing installation records for the NetView V2R3 licensed program is supplied.

Installation consists of removing any previous versions of NetView from your system, then installing the production and generation sublibraries of the new version onto your system. This may be done by executing an MSHP job on the VSE system or through the VSE/ICCF installation panels.

8.2 Installation Procedures

This program is intended to be installed on an operational VSE/ESA system.

For VSE product installation procedures, refer to *VSE/Advanced Functions*, *Maintain System History Program (MSHP) Reference*, and *IBM VSE/Advanced Functions Planning and Installation*.

Use the following steps to install NetView V2R3 VSE/ESA:

1. **Back Up Current Production System to Tape**

   Before installing NetView you may use a job similar to the following sample to back up your current production system. Refer to *NetView Installation and Administration Guide (VSE)* for more information regarding system backup.

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```
// JOB BACKUP PRE-NETVIEW PRODUCTS
// EXEC MSHP
BACKUP PRODUCT=xxxxxxx ID='NETVIEW....1.2.0' HDR=HDyyyyy
```

2. **Delete Pre-NetView Products or Pre-V2R3 NetView**

   a. **Delete NCCF V2R2, NPDA V3R2, TARA V3R2 and NLDM V1R3**

   Before installing NetView V2R3 VSE/ESA you may use the sample job in Figure 23 on page 22 to erase TARA, NCCF, NPDA, or NLDM from your system. Figure 24 on page 23 contains a sample job to erase pre-V2R3 NetView from your system. If you have NetView installed skip to 2b on page 22. If you do not have one or more of the above products, modify the following sample to delete only the products that you have installed on your system.

   Note: Any user written files that begin with BNJ, BNI, BNK, DSI, or AAU should be backed up before this job is run.

```
// JOB DELETE PRE-NETVIEW PRODUCTS
// EXEC LIBR,PARM='MSHP'
ACCESS S=vvvv.ssss1
DELETE BNJ*.*
DELETE BNI*.*
DELETE BNK*.*
ACCESS S=vvvv.ssss2
DELETE BNJ*.*
ACCESS S=vvvv.ssss3
DELETE AAU*.*
ACCESS S=vvvv.ssss4
DELETE DSI*.*
/*
/&
* DELETE NPDA = 295I20
* DELETE TARA = 295I21
* DELETE NLDM = 971F63
* DELETE NCCF = 285F52
// JOB REMOVE PRODUCTS FROM HISTORY FILE
// EXEC MSHP
REMOVE 295I20
REMOVE 295I21
REMOVE 971F63
REMOVE 285F52
/*
/&

vvvv   = VSE PRODUCT LIBRARY
ssss1 = NPDA V3R2 PRODUCTION/GENERATION SUBLIBRARY
ssss2 = TARA V3R2 PRODUCTION/GENERATION SUBLIBRARY
ssss3 = NLDM V1R3 PRODUCTION/GENERATION SUBLIBRARY
ssss4 = NCCF V2R2 PRODUCTION/GENERATION SUBLIBRARY
```

Figure 23. Prior Product Deletion Example

Note: If the generation material has been installed into a sublibrary which is different from where the production material is installed, change the access statements to point to the generation sublibrary and re-run the first job step.

b. **Delete Pre-V2R3 NetView**

Before installing NetView V2R3 VSE/ESA you may use the following sample job to delete pre-V2R3 NetView from your system.

Note: Any user written files that begin with BNJ, BNI, BNK, DSI, AAU, or CNM should be backed up before this job is run.

```
// JOB DELETE PRE-NETVIEW PRODUCTS
// EXEC LIBR,PARM='MSHP'
ACCESS S=vvvv.ssss1
DELETE BNJ*.*
DELETE BNI*.*
DELETE BNK*.*
DELETE AAU*.*
DELETE DSI*.*
DELETE CNM*.*
/*
/&
* DELETE NETVIEW = 343G03
* DELETE NETVIEW = 343G04
// JOB REMOVE PRODUCTS FROM HISTORY FILE
// EXEC MSHP
REMOVE 343G03
REMOVE 343G04
/*
/&

vvvv   = VSE PRODUCT LIBRARY (for example, PRD2)
ssss1  = NETVIEW PRE-V2R3 PRODUCTION/GENERATION SUBLIBRARY
```

Figure 24. Pre-V2R3 NetView Deletion Example

> **Note:** If the generation material has been installed into a sublibrary which is different from where the production material is installed, change the access statements to point to the generation sublibrary and re-run the first job step.

c. **Define VSE Product Library**

The following sample job will define a VSE library. The NetView V2R3 samples are written such that they assume that NetView is installed into the VSE sublibrary PRD2.PROD. This step is not necessary if you intend to install NetView in a library which already exists (for example, PRD2).

> **Note:** If you use a library other than PRD2, you will have to change all references to PRD2 in the NetView installation samples.

```
// JOB DEFINE
// DLBL vvvv,'vse.NetView.lib',1999/365,SD
// EXTENT ,xxxxxx,1,0,yyyy,zzzz
// EXEC LIBR
   DEFINE LIB=vvvv
/*
/&

'vse.NetView.lib' = NAME OF VSE NETVIEW LIBRARY
xxxxxx  = VOLID OF LIBRARY PACK
yyyy    = STARTING TRACK/BLOCK OF LIBRARY
zzzz    = SIZE OF THE LIBRARY IN TRACKS/BLOCKS
vvvv    = VSE PRODUCT LIBRARY (for example, PRD2)

NOTE: Labels and library names are arbitrary.
```

d. **Install the Product**

When you ordered NetView V2R3 VSE/ESA you specified two things:

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

Depending on the options chosen, you will receive two or three tapes to install the product. The table below summarizes these options:

Figure 25. Ordering Option Components

	Component				
Ordering Option	**NetView Base 568605501**	**NetView Base US English 568605502**	**NetView Base Japanese 568605502**	**NetView Extended US English 568605503**	**NetView Extended Japanese 568605503**
NetView Distributed US English	√	√			
NetView Distributed Japanese	√		√		
NetView Central System US English	√	√		√	
NetView Central System Japanese	√		√		√

The tapes must be installed in the left to right order shown in the table. For example, if you are installing NetView Central System US English, you must install the following tapes in order: 568605501, 568605502, 568605503.

Note that if you wish to install NetView distributed system with the DCO installation option, you only need to install the base tape, 568605501.

The target library must be online during installation procedures, and label information must be available in the label area.

Installation of both the production and generation sublibraries is required. The production and generation sublibraries on the product tapes may be installed into the same sublibrary or into separate sublibraries. The sample jobs below show the installation of NetView into one VSE sublibrary.

8.2.1 Installation Using the VSE Interactive Interface

You can install NetView V2R3 using the VSE/ICCF installation panels. To use the installation panels, complete the following steps.

1. Log on to ICCF. From the VSE Function Selection panel, select **Installation**. The Installation panel will appear.

2. From the Installation panel, select **Install Programs - Non-Stacked V2 Format or V1 Format**. The Install Programs- Non-Stacked V2 Format or V1 Format panel will appear.

3. Type the name of the external tape label of the installation tape that you want the operator to mount.

   You can install the product in PRD2.PROD, the default sublibrary, or if another library has been defined for this installation, type the name of the newly defined library and sublibrary in the appropriate Library and Sublibrary fields.

4. Press **PF5**. The VSE Install Product(s) Tape Specification panel appears. Enter the address of the tape drive you are using for the installation.

5. Press **Enter**. The Job Disposition panel will appear. The options on this panel control how the installation job is processed. You may use the defaults, or change them according to your specific installation requirements. If you change any of the defaults, you have the option of filing this job in a library for editing prior to job submission.

   After you have entered all required values, press **Enter** to either file the job in a library, or submit the job to batch.

At this point, NetView has been placed into your production sublibrary. Refer to the *NetView Installation and Administration Guide (VSE)*, listed in 3.3.1, "Basic Program Publications" on page 9 to continue with the installation.

8.2.2 Installation Using MSHP Job Stream

The following sample MSHP job will install NetView V2R3:

```
// JOB INSTALL NETVIEW V2R3
// OPTION CATAL
// ASSGN SYS006,cuu
// MTC REW,SYS006
// EXEC MSHP
   INSTALL PRODUCT FROMTAPE ID = 'NETVIEW.xx.2.3.0'    -
                          PRODUCTION INTO=vvvv.ssss1 -
                          GENERATION INTO=vvvv.ssss1
/*
/&
xx    = Tape Ordering Option Identifier (B.,BE,XE,BJ,or XJ)
cuu   = Input Tape Address
vvvv  = VSE PRODUCT LIBRARY (for example, PRD2)
ssss1 = NETVIEW V2R3 SUBLIBRARY

Note:  Labels and library names are arbitrary.
```

At this point, NetView has been placed into your production sublibrary. Refer to the *NetView Installation and Administration Guide (VSE),* listed in 3.3.1, "Basic Program Publications" on page 9 to continue with the installation.

8.3 Activating NetView V2R3 VSE/ESA

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

Appendix A. Program Level Information

This section identifies the program level of NetView V2R3 VSE/ESA. The program level refers to the APAR fixes that have been incorporated into the program.

DY38124	DY38215	DY38444	DY38880	DY39738	DY41407
DY38131	DY38222	DY38445	DY38957	DY39742	DY41479
DY38134	DY38239	DY38446	DY38990	DY39819	DY41493
DY38148	DY38240	DY38451	DY38993	DY39831	DY41512
DY38149	DY38244	DY38462	DY38994	DY39957	DY41513
DY38150	DY38271	DY38464	DY38995	DY39990	DY41516
DY38176	DY38278	DY38492	DY38997	DY40176	DY41533
DY38178	DY38279	DY38522	DY39049	DY40185	DY41547
DY38182	DY38297	DY38528	DY39169	DY40280	DY41592
DY38185	DY38302	DY38624	DY39355	DY40364	DY41596
DY38204	DY38309	DY38660	DY39371	DY40489	DY41603
DY38205	DY38312	DY38675	DY39380	DY40490	DY41653
DY38206	DY38346	DY38697	DY39427	DY40503	DY41763
DY38207	DY38351	DY38754	DY39449	DY40624	DY41911
DY38208	DY38352	DY38799	DY39488	DY40785	DY41913
DY38209	DY38364	DY38818	DY39577	DY41006	DY42068
DY38210	DY38399	DY38820	DY39689	DY41390	DY42147
DY38211	DY38416	DY38831	DY39690	DY41405	DY42173
DY38214	DY38425	DY38862	DY39737	DY41406	

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Reader's Comments

NetView V2R3 for VSE/ESA

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

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

```
┌── RATING SCALE ─────────────────────────────────────────────────
│   very                          very        not
│ satisfied  <====================>  dissatisfied  applicable
│    1       2       3       4       5            N
│
└──────────────────────────────────────────────────────────────────
```

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

What order media was this product received?

___   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 these products?

___   Yes
___   No

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If yes, how many years? __

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

_____

_____

_____

_____

_____

_____

_____

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_____

_____

_____

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Please provide the following contact information:

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Thank you for your participation.

Please send the completed form to (or give to your IBM representative who will forward it to the NetView V2R3 for VSE/ESA Development group):

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Research Triangle Park, NC 27709
ATTENTION: E15/B500

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