

# Novell NetWare 6

## Installation and Upgrade

### MINIMUM SYSTEM REQUIREMENTS

- A server-class PC with a Pentium® II or AMD® K7 processor
- 256 MB of RAM
- A Super VGA display adapter
- A DOS partition of at least 200 MB and 200 MB available space
- 2 GB of available disk space outside the DOS partition for volume SYS:
- One network board
- A CD drive
- A USB, PS/2\*, or serial mouse (recommended but not required)

### RECOMMENDED SYSTEM REQUIREMENTS

- A multiprocessor PC with a least two Pentium III 700 MHz or higher processors
- 512 MB of RAM
- A Super VGA or higher resolution display adapter
- A DOS partition with 1 GB of available space
- 4 GB of available disk space outside the DOS partition
- One or more network boards
- A bootable CD drive that supports the El Torito specification
- A USB, PS/2, or serial mouse

## UPGRADE SYSTEM REQUIREMENTS

- The server to be upgraded must be running one of the following:
  - ◆ NetWare 5.1 with Support Pack 2 or later
  - ◆ NetWare 5 with Support Pack 6 or later
  - ◆ NetWare 4.2 with Support Pack 8 or later
  - ◆ NetWare 4.0 with Support Pack 8 or later
- A server-class PC with a Pentium II or AMD K7 processor
- 256 MB of RAM
- A Super VGA display adapter
- A DOS partition with 35 MB of available space
- 2 GB of available disk space on volume SYS:
- One network board
- A CD drive
- A USB, PS/2, or serial mouse (recommended but not required)

## SOFTWARE AND OTHER REQUIREMENTS

- NetWare 6 Operating System* CD
- NetWare 6 License/Cryptography* diskette
- Supervisor right at the [Root] of the eDirectory™ tree
- Supervisor right to the container where the server will be installed
- Read right to the Security container object for the eDirectory tree
- DOS and CD drivers (required if the computer does not boot from CD)

You can make a bootable floppy diskette using the MKFLOPPY.BAT program located in the INSTALL directory of the *NetWare 6 Operating System* CD.

- Client connection utilities (optional, for installing from a network):
  - ◆ Novell® Client™ for DOS and Windows\* 3.1x (optional, for installing from a NetWare server running IPX™).
  - ◆ IP Server Connection Utility (optional, for installing from a NetWare server running IP only).

For instructions, see PRODUCTS\SERVERINST\IPCONN.TXT on the *Novell Client* CD.

- ❑ IP address and domain names (required for connecting to the Internet):
  - ◆ An IP address
  - ◆ An IP address of a domain name server
  - ◆ The name of your domain
- ❑ Network board and storage device properties, such as the interrupt and port address (required if not included in NetWare)

## PREPARE THE NETWORK

- 1 Run NetWare Deployment Manager (NWDEPLOY.EXE), located on the *NetWare 6 Operating System* CD.
- 2 Complete all relevant tasks in the Prepare the Network section.

## START THE INSTALLATION

- 1 Access the *NetWare 6 Operating System* CD.
  - ◆ Boot from CD
  - ◆ Boot from DOS partition, access the CD, and enter INSTALL  
  
Make sure that the CONFIG.SYS file contains the `FILES=50` and `BUFFERS=30` commands.
- 2 Select the type of installation.
  - ◆ Express Installation sets up a server using standard settings.
  - ◆ Custom Installation lets you specify settings for your environment.

## SELECT SETTINGS AND DRIVERS

- 1 Select regional and server settings.
- 2 Select the mouse and video type.
- 3 Select a platform support module and storage adapter.
- 4 Select a storage device and a network board.

## SET UP THE SERVER

- 1 Create volume SYS:.
- 2 Name the server.
- 3 Install the NetWare 6 server file system.
- 4 Install networking protocols.

- 5 Set up Domain Name Service (DNS).
- 6 Set the server time zone.
- 7 Set up Novell eDirectory.
- 8 License the NetWare server.

### SELECT AND INSTALL ADDITIONAL PRODUCTS

Additional installation screens will appear depending on the products you select.

- 1 Set up Novell Certificate Server.
- 2 Configure LDAP.
- 3 Install Novell Native File Access Protocols.
- 4 Set up NetWare WebAccess.
- 5 Set up Novell iManager.
- 6 Install Novell iFolder™.
- 7 Install Novell NetStorage.

### REBOOT THE SERVER

- 1 Complete the installation/upgrade by rebooting the server when prompted.
- 2 Start the server.
  - ♦ If you chose to load the server on reboot, it will load automatically.
  - ♦ To load the server manually, change to the startup directory containing the NetWare server files (C:\NWSERVER) and enter `SERVER`.

### UPDATE NSS VOLUMES (UPGRADE ONLY)

If you upgraded from a NetWare 5.1 server with Novell Storage Services™ (NSS) volumes, you must complete the following procedure to update NSS volumes.

- 1 When prompted at the end of the upgrade, reboot the computer.
- 2 Make sure that all processes relating to the NetWare 6 upgrade have completed.
- 3 At the server console, enter the following command

```
NSS /ZLSSVOLUMEUPGRADE=ALL
```

The NSS volumes can now be mounted on the NetWare 6 server.

## WHAT'S NEXT?

Although you have installed or upgraded to NetWare 6, you might need to configure products to work in the new environment. Additionally, some products such as Novell Cluster Services™ can be set up only after completing the server installation. You can install products using NetWare Deployment Manager or from the GUI server console screen.