

Installing a NetWare 4.2 Server

NetWare® 4.2 includes an installation program that guides you through each step required to install a NetWare 4.2 server.

PREREQUISITES

- Plan your NDS™ tree.
- Read the README.TXT file.

SYSTEM REQUIREMENTS

- A PC with a 386, 486, Pentium, or higher processor.
- 20 MB of RAM.
- 215 MB available disk space (40 MB for a DOS partition, 175 MB for a NetWare partition containing volume SYS, not including additional NetWare 4.2 products).
- One or more network boards.
- A CD-ROM drive that can read ISO 9660-formatted CD-ROM disks.

The system requirements listed previously are minimum requirements. You can optimize the server performance by increasing the amount of server memory, disk space, and processor speed.

SOFTWARE REQUIREMENTS

- NetWare 4.2 Operating System CD-ROM.
- DOS 3.3 or later. (Novell DOS 7™ is included on the NetWare 4.2 License diskette. Do not use the version of DOS

that ships with Windows* 95*/98 or Windows NT* operating systems.)

- DOS CD-ROM drivers.
- NetWare 4.2 License diskette.
- Novell® Client™ for DOS and Windows 3.1x (optional, for installing from a network).
- Network board and storage device properties such as the interrupt and port address.

PREPARE THE SERVER

1. Back up any desired data to another computer or off-line storage media.
2. Boot the server with DOS 3.3 or later.
3. Use FDISK to create a 40 MB boot partition and make it active.
4. Use FORMAT /S to format and transfer system files to the boot partition.
5. If installing from CD-ROM, install the software necessary to access the CD-ROM drive.
6. If installing from the network, install Novell Client for DOS and Windows 3.1x to access the network.
7. Make sure that the CONFIG.SYS file contains the following commands:
FILES=40 and **BUFFERS=30**.

INSTALL NETWARE OPERATING SYSTEM

1. Insert the *NetWare 4.2 Operating System* CD-ROM or log in to the server

- containing the installation files.
- At the CD-ROM drive or network prompt, enter **install**.
 - Choose the NetWare Server language.
 - Accept the Novell Terms and Conditions.
 - Choose the type of server to install.
 - Continue with either Simple or Custom installation.

SIMPLE INSTALLATION

- Name the NetWare 4.2 or SFT III server.
- Select and set the properties for a storage adapter, storage device, and network board.
- Create a NetWare partition and volume SYS.
- Set up NDS.
- License the NetWare server by inserting the *NetWare 4.2 License* diskette.
- After the files have been copied, press **Enter** to exit to the system console screen and continue with Restart the NetWare 4.2 Server.

CUSTOM INSTALLATION

- Name the NetWare 4.2 or SFT III server.
- Enter the IPX™ Internal network number.
- Select the destination install path.
The default path is C:\NWSERVER.
- Select the hardware and regional settings.

- Modify, add, or delete any startup set commands by clicking Yes or No.
- Add commands to the AUTOEXEC.BAT file to load SERVER.EXE by clicking Yes or No.
- Select and set the properties for a storage adapter, storage device, or network board.
- Select Automatically or Manually to create NetWare disk partitions and volume SYS.
- Select View/Modify Protocol Settings or Continue Installation.
- Set up NDS.
- License the NetWare server by inserting the *NetWare 4.2 License* diskette.
- Select Save/Modify for STARTUP.NCF and AUTOEXEC.NCF.
- After the files have been copied, press **Enter** to exit to the system console screen and continue with Restart the NetWare 4.2 Server.

RESTART THE NETWARE 4.2 SERVER

After exiting to the system console, the server must be rebooted.

- At the server console, enter **down**.
- After the server is brought down, enter **exit** to return to DOS.
- Reboot the server.
- If the computer boots to a DOS prompt, change to the startup directory (the default is C:\NWSERVER) and enter **server**.