

Windows NT 4.0/IIS Installation Guide

This setup guide will guide you through the steps required to install Windows NT server on a system that has no operating system as well as the steps required to upgrade an existing system to NT server. The guide will also provide you with the information to install service pack 3(required) and Internet Information Server 4.0.

Prior to beginning installation of NT 4.0 you need to make sure you have the appropriate hardware installed. To avoid problems you need to check the HCL(Hardware compatibility list) that is included with NT products. You can also check for the latest information at www.microsoft.com/ntserver.

Minimum and recommended hardware requirements

Hardware	Minimum required	Academy recommendation
Processor	486/66Mhz	266Mhz Pentium
Memory	32mb	64mb
Hard Disk space	1 Gigabyte	2 Gigabyte
Display	VGA or better	VGA or better
Floppy Disk drive	3.5 inch high density	3.5 inch high density
CD-ROM Drive	Required	Required
Network Adapter	Ethernet Card	10/100 Ethernet Card
Mouse	Optional	Optional

Windows NT Server 4.0 Installation

Step 1. Insert the Server installation CD into the CD Rom. Follow the prompts on the screen. You will either be installing a new operating system or upgrading an existing system.

Step 2. At the welcome to setup screen press Enter to continue.

Step 3. NT server setup will attempt to determine the type of mass storage devices (i.e. hard drives) installed on your system. Check the information to make sure that it is correct. Then press enter.

Step 4. This is the licensing screen. You will have to page down to the bottom of the license before you can go on. At the end of the licensing screen press F8 to continue.

Step 5. Next you will be asked to either install a new version of NT or to upgrade an older version. Press "N" for new version.

Step 6. Setup will now show you a list of the hardware and software components that your computer contains. If they are correct press enter. If you need to make changes to any devices follow the instructions on the screen.

Step 7. The next prompt will be for the partition type and where you want to install NT. Select NTFS for the partition type.

The system partition must be installed on the active primary partition of the first hard drive(usually drive C:). After you have selected the partition types press enter to continue.

Step 8. Next you will select the default directory. Setup prompts you to use \WINNT as the default. Press enter to continue.

Step 9. Setup will then prompt you for the opportunity to examine your hard disks for corruption. You can press enter to allow it or press esc to skip it.

Step 10. The final screen in the installation process is the screen that should inform you that Setup has been completed successfully. Remove the Windows NT CD then press enter to restart the computer.

Step 11. Windows NT setup will then continue. Follow the prompts on the screen to complete setup. During this phase you will need to enter the user and organization names, the CD key, the licensing mode and the computer name. After the computer name you need to select the server type. For server type select "Stand-Alone Server", if you select any of the other options it will slow the access time to the server. Next enter the password you wish to use for the administrator account. If you do not want a password leave it blank. The next screen will prompt you for the "Emergency repair disk" (ERD), select yes and create the ERD. Setup will then prompt you to select the components you want to install. Accept the defaults and click next to continue.

Step 12 Next setup will install the networking connections. You need to select the wired to the

network option. On the following screen install internet information server(we will update it later). You will then be prompted to search for the Network adapter. Click start search and the adapter installed in your computer should show up. Select next and then choose the protocols you are running on your network. Next you will be shown a screen that lists the server services that will be installed. Accept the defaults by selecting next. Setup will know go out and install the ethernet card. You will also be prompted for DHCP information and an IP address during this phase Continue selecting next for the following series of screens. This will complete the installation phase of NT server.

Step 13 Setup will continue to install files and you will be prompted to set your time zone as well as test you video adapter. At this point you will again have to remove your CD-ROM and then select Restart.

Service Pack 3

- Step 1. Insert the Options Pack CD into your CD-ROM drive. It will launch automatically.
 - Step 2. Click install. On the next screen under number 3 install Windows NT Service Pack 3 (X86).
 - Step 3. You will be prompted to either open the file or save it. Select open, then follow the prompts on the screen.
It is not necessary to create an uninstall directory. The service pack will then continue to install. After it finishes click ok to restart the computer.
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Internet Explorer 4.0

- Step 1. Insert the Options Pack CD into your CD-ROM drive. It will launch automatically.
- Step 2. Click on install. On the next screen select number 4 Internet Explorer 4.01 (X86)
- Step 3. Select open, then follow the screen prompts. You must accept the license agreement. The installation type will be standard. At the next screen select no for the Windows desktop update. Select your country for the active channel selection. Accept the default for the program folder.
- Step 4. Explorer will know finish setting up. Accept the defaults through the rest of the operation.

Internet Information Server 4.0 (IIS)

- Step 1. Insert the Options Pack CD into your CD-ROM drive. It will launch automatically.
 - Step 2. Click on install. On the next screen select number 5 Install Windows NT 4.0 Option Pack.. Then select
run this program from its current location.
 - Step 3. Select the default's on the next set of screens, then select Typical for the installation type and accept the default
directories.
 - Step 4. Click finish to end the installation.
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Curriculum Installation

- Step 1. In the directory c:\InetPub\wwwroot delete the file default.htm.
 - Step 2. Unzip the webserver files (obtained from the network academy site) into c:\InetPub\wwwroot.
 - Step 3. Create the following directories in the wwwroot directory, sem1, sem2, sem3, and sem4.
 - Step 4. Copy semester 1, 2, 3, and 4 into the appropriate semester directory.
 - Step 5. This finishes the installation you should now be able to connect to the server with a webbrowser on another
computer using the IP address of the computer that you installed the IIS server on.
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