WHITE PAPER

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Prepared By
Systems Engineering

Compaq Computer
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Installing Microsoft Windows NT Server 3.5 with Custom Setup

This White Paper provides information on configuration options which are available during the installation of Microsoft Windows NT Server 3.5 using Custom Setup on the Microsoft Windows NT Server 3.5 from Compaq CD.

These configuration options are not available when installing Microsoft Windows NT Server 3.5 using the Compaq SmartStart Utility version 2.10.

NOTICE

The information in this publication is subject to change without notice.

Installing Microsoft Windows NT Server 3.5 with Custom Setup

Using Compaq SmartStart for Installation and Setup

The Compaq SmartStart installation and setup process for Microsoft Windows NT Server 3.5 provides a quick and easy way for you to install Microsoft Windows NT Server 3.5. The SmartStart Setup copies appropriate operating system files to the hard drive and configures the software necessary to run applications and use the network.

You can easily incorporate custom configuration settings after SmartStart completes the base software installation. Through Program Manager icons, you can configure any configuration options that are available through the Microsoft Windows NT Server 3.5 Custom Setup.

When you install Microsoft Windows NT Server 3.5 through the Compaq SmartStart process, you answer a minimum number of questions. SmartStart performs the installation without any further intervention from you.

Using Custom Setup

You can select Custom Setup by booting Microsoft Windows NT Server 3.5 from Compaq CD. Custom Setup is designed for experienced users who want or need more control over how Windows NT Server 3.5 is installed on their computers. However, all of the custom settings that you can configure during the Custom Setup can also easily be configured through Program Manager after SmartStart completes the installation.

By choosing the Custom Setup, you can override default values or accept recommended settings. During a Custom Setup, there are some configuration settings that you can define during the installation process which might be necessary for a particular installation. You can perform custom configuration of the protocols and the network environment during the setup process rather than through Program Manager Icons after a SmartStart installation.

The following table lists the configuration options and features which are *not* available during a Compaq SmartStart version 2.10 installation of Microsoft Windows NT Server 3.5, but which *are* available during a Microsoft Windows NT Server 3.5 Custom Setup, when using the Microsoft Windows NT Server 3.5 from Compaq CD.

Custom Setup Option or Feature	Description
Bypass automatic detection of disk controllers	This feature allows you to specify additional SCSI adapters, CD-ROM drives, or special disk controllers for use with Windows NT, including those for which there is a device support disk from a mass-storage device manufacturer.
	Compaq recommends letting Windows NT Setup detect these devices and install appropriate drivers, including those for which there is a device support disk from a manufacturer for mass-storage devices. Bypass this feature only when you know that automatic detection causes Setup to fail.
	NOTE: If you bypass the automatic detection process and the computer uses a special controller or SCSI adapter for the hard drive, Windows NT cannot configure the hard drive to use Microsoft Windows NT Server. If there is no driver associated with the hard drive controller, then Windows NT cannot detect the hard drive and install the operating system.
Specify or accept server hardware components	These components include selecting the proper: • Computer • Display • Keyboard • Keyboard Layout • Pointing Device
Conduct examination of hard drive	You can choose to perform an exhaustive examination of the hard drive to detect any signs of disk corruption.
Detect network adapters automatically or detect, install, and configure them manually	You can select automatic detection of network adapters or choose to select, install, and configure the network adapters manually.
Assign printer information manually	You can assign a printer name, a printer model, and a printer port for locally connected printers.
Select optional setup tasks	You can select optional tasks to perform, including: • Setup only the Windows components you select. • Setup Printers (locally connected printers only). • Setup Application on the hard drive.
Create or delete partitions on hard drives	You can delete any partition, create single or multiple partitions, and install Microsoft Windows NT on a selected partition.
Specify directory for Windows NT Server files	You can specify the directory where the Windows NT Server files will be installed.
	NOTE: The default location is *\WINNT35*, which is the same subdirectory where SmartStart would install the operating system files.
Specify location and size of *PAGEFILE.SYS* file	You can select the drive and directory where the *PAGEFILE.SYS* file will be located and the size of the file.

continued

Custom Setup Option or Feature	Description
Select TCP/IP Installation Options for configuration	If you select TCP/IP Transport, you can select from the following TCP/IP Installation Options for configuration: • Connectivity Utilities • SNMP Service • TCP/IP Network Printing Support • FTP Server Service • Simple TCP/IP Service • DHCP Server Service • WINS Server Service You can also choose to: • Enable Automatic DHCP Configuration • Import an existing *LMHOSTS* file during Advanced TCP/IP configuration
Specify WINS server IP configuration information	You can specify the WINS Server IP configuration as a primary WINS server or secondary WINS server.
Select applications for Windows NT	You can select which applications to install and configure to run with Windows NT.
Select additional network components for installation	You can use the Network Settings dialog box to add additional network adapters or software and customize any selected adapter or software component. Depending on which protocols and options you chose previously in the setup process, some of the software that you can add and configure during the Custom Setup includes: • DLC Protocol • FTP Server • Gateway Services for NetWare • Microsoft DHCP Server • Microsoft TCP/IP Printing • NetBEUI Protocol • NetBIOS Interface • Network Monitor Agent • NWLink IPX/SPX Compatible Transport • Remote Access Service • Remoteboot Service • RPC Configuration • SAP Agent • Server • Streams Environment • TCP/IP Protocol and related components • Workstation
Enter DNS Configuration Parameters	You can enter DNS Configuration Parameters, including: • Domain Name • Domain Name Services Search Order • Domain Suffix Search Order

continued

Custom Setup Option or Feature	Description
Specify Domain Controller information	You can use the Domain Settings Dialog box to specify the Domain Controller as Primary or Backup.
Install optional Windows components	You can install optional Windows components or specific files within a component, including: • Readme files • Accessories • Games • Screen Savers • Wallpapers
Enter Microsoft Windows NT Product ID	You can enter the Microsoft Windows NT Product ID, if you wish to do so. **NOTE:** You will not have a Product ID available when using the Microsoft Windows NT Server 3.5 from Compaq CD to install NT Server 3.5. The Product ID is an identification number found on the registration card when you purchase the product from Microsoft. Compaq SmartStart does *not* require a Microsoft Product ID.
Create an emergency repair diskette	You can create an optional emergency repair diskette.