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ExamWise
For
Windows® 2000 Server Certification
For Exam 70-215
Installing, Configuring, and Administering
Microsoft® Windows® 2000 Server



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Chapter 1

The objective of this chapter is to provide the reader with an understanding of the following:

1. Perform an attended installation of Windows 2000 Server.
2. Perform an unattended installation of Windows 2000 Server.
3. Create unattended answer files by using Setup Manager to automate the installation of Windows 2000 Server.
4. Create and configure automated methods for installation of Windows 2000.
5. Upgrade a server from Microsoft Windows NT® 4.0.
6. Deploy service packs.
7. Troubleshoot failed installations.



Chapter 1: Installing Windows 2000 Server

1. You are upgrading a Windows NT Server 4.0 computer to Windows 2000 Server. It is a member server in a Windows 2000 domain named sales.bfq.local. The domain runs in native mode. You now want to change the role of the upgraded server from a member server to a domain controller. How should you do this?
 - A. Upgrade the server to Windows 2000 Server.
 - B. Run the Active Directory Installation Wizard to make the server a domain controller in the sales.bfq.local domain.
 - C. Choose the option during installation to install a domain controller.
 - D. You cannot upgrade the server to Windows 2000.
 - E. This server will not run in native mode.
-

2. You are installing Windows 2000 Server on a new computer that is connected to a network that contains Windows 98 computers and Windows 2000 Server computers. You want to install Windows 2000 Server from source files located on a server on the network. What is the best way to do this?
 - A. Start the new computer by using a Windows 98 network boot disk.
 - B. Connect to the network server.
 - C. Run WINNT.EXE.
 - D. Run WINNT32.EXE.
 - E. Start the new computer by using a Windows 2000 boot disk.



2 Chapter 1

1. You are upgrading a Windows NT Server 4.0 computer to Windows 2000 Server. It is a member server in a Windows 2000 domain named sales.bfq.local. The domain runs in native mode. You now want to change the role of the upgraded server from a member server to a domain controller. How should you do this?

***A. Upgrade the server to Windows 2000 Server.**

***B. Run the Active Directory Installation Wizard to make the server a domain controller in the sales.bfq.local domain.**

C. Choose the option during installation to install a domain controller.

D. You cannot upgrade the server to Windows 2000.

E. This server will not run in native mode.

Explanation: You must first upgrade the machine to Windows 2000 Server. Making the server a domain controller is then accomplished through running the Active Directory Installation Wizard.

2. You are installing Windows 2000 Server on a new computer that is connected to a network that contains Windows 98 computers and Windows 2000 Server computers. You want to install Windows 2000 Server from source files located on a server on the network. What is the best way to do this?

***A. Start the new computer by using a Windows 98 network boot disk.**

***B. Connect to the network server.**

***C. Run WINNT.EXE.**

D. Run WINNT32.EXE.

E. Start the new computer by using a Windows 2000 boot disk.

Explanation: WINNT.EXE should be used because the installation is being started from DOS.



3. How can you install a customized HAL designed for a computer on which you are installing Windows 2000 Server?
- A. During the hardware confirmation portion of Windows 2000 Setup, install the customized HAL.
 - B. After the Windows 2000 Server installation completes, install the customized HAL through the System Control Panel.
 - C. After the Windows 2000 Server installation completes, install the customized HAL through the Add/Remove Hardware Control Panel.
 - D. After the Windows 2000 Server installation completes, install the customized HAL through the Add/Remove Programs Control Panel.
 - E. Before Windows 2000 Setup, copy the customized HAL to the partition, which will contain Windows 2000.
-

4. You are installing Windows 2000 Server on ten new computers. These computers will provide file and print services to branch offices. You want to install, configure and test Windows 2000 Server on the branch offices' computers before shipping them to the branch offices. The users of the branch offices should enter the computer names and serial numbers when they receive the computers. What is the best way to do this?
- A. Install Windows 2000 Server on the computers. Use Setup Manager to create a SYSPREP.INF file for SYSPREP.EXE.
 - B. Place the SYSPREP.INF file on the computers and run the 'sysprep -nosidgen' command.
 - C. Install Windows 2000 Server on the computers. Use Setup Manager to create a SYSPREP.DAT file for SYSPREP.EXE.
 - D. Place the SYSPREP.INF file on the computers and run the 'sysprep -noreg' command.
 - E. This cannot be done. The computers must have the serial numbers and computer names entered first.



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3. How can you install a customized HAL designed for a computer on which you are installing Windows 2000 Server?

***A. During the hardware confirmation portion of Windows 2000 Setup, install the customized HAL.**

B. After the Windows 2000 Server installation completes, install the customized HAL through the System Control Panel.

C. After the Windows 2000 Server installation completes, install the customized HAL through the Add/Remove Hardware Control Panel.

D. After the Windows 2000 Server installation completes, install the customized HAL through the Add/Remove Programs Control Panel.

E. Before Windows 2000 Setup, copy the customized HAL to the partition, which will contain Windows 2000.

Explanation: The HAL should be specified during the hardware confirmation portion of setup.

4. You are installing Windows 2000 Server on ten new computers. These computers will provide file and print services to branch offices. You want to install, configure and test Windows 2000 Server on the branch offices' computers before shipping them to the branch offices. The users of the branch offices should enter the computer names and serial numbers when they receive the computers. What is the best way to do this?

***A. Install Windows 2000 Server on the computers. Use Setup Manager to create a SYSPREP.INF file for SYSPREP.EXE.**

***B. Place the SYSPREP.INF file on the computers and run the 'sysprep -nosidgen' command.**

C. Install Windows 2000 Server on the computers. Use Setup Manager to create a SYSPREP.DAT file for SYSPREP.EXE.

D. Place the SYSPREP.INF file on the computers and run the 'sysprep -noreg' command.

E. This cannot be done. The computers must have the serial numbers and computer names entered first.

Explanation: A SYSPREP.INF file will specify setup options to be used in a Windows 2000 Installation.



5. You are planning to install a Windows 2000 Server computer that has a disk controller that is not included in the HCL. You start the computer using the Windows 2000 Server CD-ROM. At the end of the text mode on the restart of the computer, you receive "Inaccessible_Boot_Device". What is the best way to do this?
- A. Restart Windows 2000 Setup by using the Windows 2000 Server CD-ROM.
 - B. Install a driver for the SCSI controller from a floppy disk.
 - C. Use the Add/Remove Hardware control panel.
 - D. Use the system applet in control panel.
 - E. Use the recovery console.

-
6. Each of your company's offices has a network of 5 - 20 computers. Employees have a limited knowledge of Windows 2000. You want to install 50 identical computers with Windows 2000 Server in these offices. You create a Setup Information File that specifies the company's standard configuration. Using the least possible amount of time, how should you automate the installation process?
- A. Create a floppy disk that contains only the SIF file.
 - B. Instruct an employee at each office to start the installation by using the Windows 2000 Server CD-ROM, with the floppy disk inserted.
 - C. Create a floppy disk that contains only the DAT file.
 - D. Instruct an employee at each office to copy the file from the floppy to the hard drive, then to start the installation by using the Windows 2000 Server CD-ROM.
 - E. Create step-by-step instructions for each user to configure their server.



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5. You are planning to install a Windows 2000 Server computer that has a disk controller that is not included in the HCL. You start the computer using the Windows 2000 Server CD-ROM. At the end of the text mode on the restart of the computer, you receive "Inaccessible_Boot_Device". What is the best way to do this?

***A. Restart Windows 2000 Setup by using the Windows 2000 Server CD-ROM.**

***B. Install a driver for the SCSI controller from a floppy disk.**

C. Use the Add/Remove Hardware control panel.

D. Use the system applet in control panel.

E. Use the recovery console.

Explanation: The SCSI controller should be installed during setup by pressing F6 when prompted.

6. Each of your company's offices has a network of 5 - 20 computers. Employees have a limited knowledge of Windows 2000. You want to install 50 identical computers with Windows 2000 Server in these offices. You create a Setup Information File that specifies the company's standard configuration. Using the least possible amount of time, how should you automate the installation process?

***A. Create a floppy disk that contains only the SIF file.**

***B. Instruct an employee at each office to start the installation by using the Windows 2000**

Server CD-ROM, with the floppy disk inserted.

C. Create a floppy disk that contains only the DAT file.

D. Instruct an employee at each office to copy the file from the floppy to the hard drive, then to start the installation by using the Windows 2000 Server CD-ROM.

E. Create step-by-step instructions for each user to configure their server.

Explanation: Windows 2000 setup will look for a SIF file on the floppy, and automate the installation accordingly.



7. Your network consists of Windows NT Server computers, Windows NT Workstation computers, and UNIX computers in a single Windows NT domain. You are upgrading a Windows NT Server to Windows 2000 Server. It is currently a BDC. The existing DNS server is a UNIX computer that supports SRV (service) records and accepts dynamic updates. Another Windows NT Server serves as a WINS server. You want on configuring the upgraded server as a domain controller in a new Active Directory forest, with the Windows NT domain accounts upgraded to Active Directory. Other domain controllers will be upgraded after this initial server upgrade. What is the best way to do this?
- A. Promote the server to the PDC of the domain.
 - B. Run Windows 2000 Setup on the server.
 - C. Install a new PDC for the domain.
 - D. Remove the UNIX computer.
 - E. Remove the WINS Server.
-

8. You are installing Windows 2000 Server on a multiprocessor computer. How can you install a customized HAL designed for a computer on which you are installing Windows 2000 Server?
- A. During the text mode portion of Windows 2000 Setup, install the customized HAL.
 - B. After Windows 2000 Setup completes, use the system applet in control panel to install the customized HAL.
 - C. Install the HAL before running Windows 2000 Setup.
 - D. During the GUI mode portion of Windows 2000 Setup, install the customized HAL.
 - E. During the Windows 2000 boot process, install the customized HAL.



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7. Your network consists of Windows NT Server computers, Windows NT Workstation computers, and UNIX computers in a single Windows NT domain. You are upgrading a Windows NT Server to Windows 2000 Server. It is currently a BDC. The existing DNS server is a UNIX computer that supports SRV (service) records and accepts dynamic updates. Another Windows NT Server serves as a WINS server. You want on configuring the upgraded server as a domain controller in a new Active Directory forest, with the Windows NT domain accounts upgraded to Active Directory. Other domain controllers will be upgraded after this initial server upgrade. What is the best way to do this?

***A. Promote the server to the PDC of the domain.**

***B. Run Windows 2000 Setup on the server.**

C. Install a new PDC for the domain.

D. Remove the UNIX computer.

E. Remove the WINS Server.

Explanation: The server should be promoted to PDC before running Windows 2000 Setup on it.

8. You are installing Windows 2000 Server on a multiprocessor computer. How can you install a customized HAL designed for a computer on which you are installing Windows 2000 Server?

***A. During the text mode portion of Windows 2000 Setup, install the customized HAL.**

B. After Windows 2000 Setup completes, use the system applet in control panel to install the customized HAL.

C. Install the HAL before running Windows 2000 Setup.

D. During the GUI mode portion of Windows 2000 Setup, install the customized HAL.

E. During the Windows 2000 boot process, install the customized HAL.

Explanation: The customized HAL should be installed during Windows 2000 setup.



9. You use Setup Manager to create an answer file for an unattended installation of Windows 2000 Server. Which components can you specify using Setup Manager?
- A. Create Txtsetup.oem files
 - B. Configure network settings
 - C. Create a subfolder in the distribution folder
 - D. Configure the installation to install IIS
 - E. Define user name options such as creating a Uniqueness Database File to access a file of valid computer names
-

10. Your company is adding 75 Windows 2000 servers to your network. The servers are Pentium II 400 MHz with 514 MB of RAM and five 30-GB SCSI hard drives. They have 100-Mbps Ethernet cards and writeable CD-ROM drives. You are in charge of deploying Windows 2000 Server on these computers. After formatting a partition and establishing network connectivity, you must install the software via an unattended installation. You must specify a Uniqueness Database File (UDF) and an answer file. How can you configure the answer file?
- A. Use Notepad to create the answer file unattend.txt
 - B. Use notepad to create the answer file unattend.msi
 - C. Use Setup Manager to create the answer file unattend.msi
 - D. Use Setup Manager to create the answer file unattend.txt
 - E. Use Notepad to create the answer file unattend.una



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9. You use Setup Manager to create an answer file for an unattended installation of Windows 2000 Server. Which components can you specify using Setup Manager?

A. Create Txtsetup.oem files

***B. Configure network settings**

C. Create a subfolder in the distribution folder

D. Configure the installation to install IIS

E. Define user name options such as creating a Uniqueness Database File to access a file of valid computer names

Explanation: The network settings are the only choice from the selection that can be specified in Setup Manager.

10. Your company is adding 75 Windows 2000 servers to your network. The servers are Pentium II 400 MHz with 514 MB of RAM and five 30-GB SCSI hard drives. They have 100-Mbps Ethernet cards and writeable CD-ROM drives. You are in charge of deploying Windows 2000 Server on these computers. After formatting a partition and establishing network connectivity, you must install the software via an unattended installation. You must specify a Uniqueness Database File (UDF) and an answer file. How can you configure the answer file?

***A. Use Notepad to create the answer file unattend.txt**

B. Use notepad to create the answer file unattend.msi

C. Use Setup Manager to create the answer file unattend.msi

***D. Use Setup Manager to create the answer file unattend.txt**

E. Use Notepad to create the answer file unattend.una

Explanation: The unattend.txt file can be created through Setup Manager or manually through a text editor.



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