

**QUESTION 1**

You are responsible for installing Windows XP Professional on the Windows 2000 Professional computers at Certkiller .com. Before you begin the installation, you create a network shared folder named \\FileSrv01\WinXP. You copy the Windows XP Professional installation files to this folder.

Next, you use a 56-Kbps connection to the Internet to download updates from the Windows Update Web site to \\FileSrv01\XPUpdates.

Now, you need to install Windows XP Professional on the computers. Because your office's Internet connection is used for other purposes, you want to use the least possible WAN bandwidth while performing the installations. You also want to download updates to be applied to the computers with the least possible administrative effort.

Which action should you take on each computer?

- A. Run the \\FileSrv01\WinXP\Winnt32\dudisable command.
- B. Run the \\FileSrv01\WinXP\Winnt32\copydir:i386\XPUpdates\dudisable command.
- C. Run the \\FileSrv01\WinXP\Winnt32 command, accept the Dynamic Updates defaults, and install the updates.
- D. Run the \\FileSrv01\WinXP\Winnt32\duprepare:\\FileSrv01\XPUpdates command. Then, run the \\FileSrv01\WinXP\Winnt32\dushare:\\FileSrv01\XPUpdates command.

Answer: D.

Explanation: The /duprepare switch prepares the downloaded update files to be used during an installation with the /dushare switch. When you run Winnt32.exe with the /DUShareswitch, the Dynamic Update wizard is not displayed to the user and no attempt is made to connect to Windows Update.

Incorrect Answers:

A:The /dudisable switch disables the dynamic update wizard but the installation will only use the original installation files without the downloaded updates.

B:This is an incorrect command.

C:If we accept the defaults, the installation wizard will connect to the Internet to download the updates.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 3

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**QUESTION 2**

You are the desktop administrator for you company's department. You need to perform a clean installation of Windows XP Professional on a computer that currently runs Windows 98.

You start the installation. The text-based portion of Setup finished successfully. Before the GUI-based portion of Setup starts, the computer stops responding. You investigate and discover that there is a problem with a device driver.

You want to know which device is causing the problem. What should you do?

- A. Modify the Boot.ini file to include the /fastdetectswitch.
- B. Modify the Boot.ini file to include the /sosswitch.
- C. Restart Setup by using the /dudisableswitch.
- D. Restart Setup by using the /dushareswitch.

- E. Restart the computer. From the Recovery console, read the Dr. Watson.log.
- F. Restart the computer. From the Recovery console, read the Comsetup.log.

Answer: B

Explanation: When trying to troubleshoot startup problems with Windows XP (or Windows 2000/NT), in particular when the system hangs at reboot as in this scenario, we should use the "/SOS switch in the boot.ini startup file. This switch causes the names of drivers to be displayed as they load during boot.

Incorrect Answers:

- A:The /fastdetect switch is used by default. It makes the early boot process, NTDETECT, skip the detection of parallel and serial devices (Plug and Play will find them). This makes booting faster. You cannot configure the /fastdetect switch to log information on device drivers.
- C:The /dudisable switch is used to configure if dynamic update should be run at setup. If latest patches should be downloaded from the Microsoft Web site. The /dudisable switch will not help finding the problematic device driver.
- D:The /dushare switch is used to with winnt32.exe to Deploy the Windows XP Dynamic Update packages. It will not help you find the device driver which causes problems.
- E:Dr. Watson logs application crashes. Dr. Watson log files do not contain information on device drivers.
- F:The Comsetup.log file is created during the installation process, but it contains Comsetup.log COM+ information, not information on device drivers.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 2

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### **QUESTION 3**

You are the desktop administrator for Certkiller .com. The company has a volume licensing agreement to install Windows XP Professional. You travel to a branch office to repair a failed hard disk on a Windows XP Professional computer. The computer's operating system had previously been upgraded from Windows 2000 Professional.

You did not bring a Windows XP Professional CD-ROM with you, and none is available at the branch office. You purchase a retail copy of Windows XP Professional, and you insert the CD-ROM to start the installation.

After Setup starts, you are prompted for the product key. What should you do?

- A. Type the serial number that appears in the System Properties dialog box of another Windows XP Professional computer in the branch office.
- B. Contact a Microsoft activation center to obtain your company's Windows XP Professional volume license product key, and type the product key.
- C. Type the product key that appears on the back of the Windows XP Professional CD case.
- D. Type the following product key: 11111-11111-11111-11111.

Answer: C

Explanation: Simply use the product key on the back of the Windows XP Professional CD case.

Incorrect Answers:

- A:The volume licensing serial number of Windows XP Professional would not work with a retailed Windows

XP Professional.

B:The volume license product key would not work with a retail copy of Windows XP Professional.

D:The product key 11111-11111-11111-11111 would not be accepted by the installation program.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 2

Windows XP product documentation, Windows XP Product Activation

Microsoft Licensing, Do You Need a Product Key?

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#### **QUESTION 4**

You are the desktop administrator for Certkiller . You need to upgrade a Windows 98 computer to Windows XP Professional. Windows 98 is installed in a folder named C:\Win98. You need to ensure that the computer's applications and settings are retained after the upgrade.

You insert the Windows XP Professional CD-ROM into the computer and restart the computer. The text-based portion of Setup appears. The text on the screen states that Windows XP Professional will be installed in a folder named C:\Windows, not in the C:\Win98 folder.

You need to ensure that Windows XP Professional upgrades the existing Windows 98 installation.

What should you do?

A. Rename the C:\Win98 folder to C:\Windows.

B. Modify the installation settings in the text-based portion of Setup so that Windows XP Professional is installed in the C:\Win98 folder.

C. Restart the computer by using Windows 98. Then insert the Windows XP Professional CD-ROM into the computer and run Setup from the CD-ROM.

D. Use the Windows XP Professional CD-ROM to create a set of Setup floppy disks. Restart the computer by using the first floppy disk in the set to launch Setup.

Answer: C

Explanation: You cannot boot to the XP CD if you want to upgrade the existing operating system. To upgrade Windows 98 to Windows XP, you need to start Windows 98 first. Then insert the Windows XP installation CD and run setup. When setup starts, you will have the option to upgrade the existing operating system.

Incorrect Answers:

A:Renaming the Windows 98 installation folder will not enable you to upgrade the operating system. You must run the Windows XP setup program from within the Windows 98 environment to upgrade Windows 98.

B:  
the Windows 98 installation.

D:You cannot use the setup floppy disks to upgrade Windows 98. You must run the Windows XP setup program from within the Windows 98 environment to upgrade Windows 98.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 2

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#### **QUESTION 5**

You are the desktop administrator for Certkiller . You want to deploy Windows XP Professional to 50 new computers with the least amount of administrative effort. You want to use a fully automated installation

process.

Each new computer is configured with a 20-GB hard disk, a CD-ROM drive, and floppy disk drive. The computers do not contain network adapter cards.

You specify the Certkiller .com's standard installation settings and save them on a floppy disk, in an answer file named Answers.txt.

You use a Windows XP Professional CD-ROM to start the unattended installation on the first computer, and then you insert the floppy disk into the computers floppy disk drive. However, Setup prompts you for configuration information.

You want to ensure that during future installations Setup will finish without prompting for configuration information. What should you do?

- A. Change the name of your answer file to Unattend.txt.
- B. Change the name of your answer file to Winnt.sif.
- C. Use the Rbfg.exe utility to create a RIS bootable floppy disk.  
Copy your answer file to this floppy disk.
- D. Create an MS-DOS startup disk-  
Copy your answer file to this floppy disk.

Answer: B

Explanation: The answer file on the diskette must be named Winnt.sif.

Incorrect Answers

A:When using an answer file on a diskette it must be named Winnt.sif, not Unattend.txt.

C:RIS is not mentioned in this scenario.

D:A boot diskette is not required. The answer file just has to be named Winnt.sif.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 2

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## QUESTION 6

You are the desktop administrator for Certkiller .com'ssalesdepartment. Katrin is a user in the salesdepartment. You need to upgrade Katrin's Windows 2000 Professional computer to Windows XP Professional.

Alan is the network administrator. He previously downloaded updated Setup files and placed them on a server named Certkiller 1, in a shared folder named Updates. Alan has successfully installed computers by using these updated Setup files.

You want to ensure that these updated Setup files are automatically installed on Katrins computer during the upgrade. Which command should you run to start Setup?

- A. Winnt32.exe /dushare:\\ Certkiller 1\updates
- B. Winnt32.exe /copydir:\\ Certkiller 1\updates
- C. Winnt32.exe /duprepare:\\ Certkiller 1\update
- D. Winnt32.exe /copysource:\\ Certkiller 1\updates

Answer: A

Explanation: We should use the dushare switch and specify the updates folder (step 4 in note).

Note:

After you download the Windows XP Dynamic Update package, prepare a folder:

1. Extract the files to a folder, for example, the c:\DU folder. After you do so, you should have two folders. Windows XP Professional is extracted to the IP folder, and Windows XP Home Edition is extracted to the IC folder.
2. On your Windows XP CD-ROM, run the winnt32.exe /duprepare: path to Dynamic Update package files command. In the example from step 1, you would run the winnt32.exe /duprepare:c:\du command.
3. After the folder is prepared, copy the contents to another folder, and then share the folder to which you just copied the contents.
4. On the computer on which you want to run Setup, run the winnt32.exe /dushare:\\ server name\ share name command.

Incorrect Answers

B:The copydir switch is not used for updated Setup files.

C:Alan has already installed computers with the updates files. He has already performed the duprepare action (step 2 in note).

D:The copysource switch creates a temporary additional folder within the folder in which the Windows XP files are installed. It would not help in applying the updates however.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 3

Microsoft Knowledge Base Article - Q312110, How to Deploy the Windows XP Dynamic Update Package

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### **QUESTION 7**

You are the desktop administrator for Trey Research. You need to build a RIPrep image of a Windows XP Professional computer.

You successfully install Windows XP Professional on a computer in your lab. Then, you log on to the computer by using a local administrator account. You install a virus scanner and three other standard applications.

Next, you run RIPrep.exe to create a RIS image of the computer. Then you deploy this image to 50 computers by using RIS

Users report that when they log on to their computers, the shortcuts for the three standard applications are unavailable.

You need to ensure that the RIPrep image includes the shortcuts for the domain user accounts. What should you do?

- A. Open Control Panel. In the system properties, change the local user profile to a roaming profile. Then run RIPrep.exe.
- B. Open control panel. In the system properties, copy the All users profile to the Default user profile. Grant the Everyone group Allow-Full Control permission on the copied profile.
- C. Open control panel. In the system properties, copy the local administrator account profile to the Default user profile. Grant the Everyone group Allow-Full Control permission on the copied profile. Then run RIPrep.exe.
- D. Run RIPrep.exe before installing the standard applications. Open control panel. In the system properties, copy the local administrator account profile to the Default user profile.

Answer: C.

Explanation: In this scenario the software was installed under the Administrator account. Therefore the shortcuts for the domain user accounts will be in the Administrator profile. We need to copy this profile to the Default User profile so that users will be able to receive this profile.

Incorrect Answers:

A: This will not affect the profile used by new users.

B: In this scenario the software was installed under the Administrator account. Therefore the shortcuts for the domain user accounts will be in the Administrator profile. Thus we need to copy the Administrator profile and not the All Users profile.

D: The applications need to be installed before we take an image of the hard disk.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 3

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### **QUESTION 8**

You are the desktop administrator for Certkiller .com. You are using RIS to install Windows XP Professional on a new computer. You start the computer, but instead of connecting to your network RIS server, your computer returns the following error message, "Operating system not found."

You verify that the computer contains a PXE-compliant network adapter that is connected to your network.

You need to start the computer and connect to your network RIS server. What should you do?

- A. Ask a network administrator to modify the network DHCP server to include a DHCP reservation for the computer.
- B. Ask a network administrator to modify the RIS server permissions to grant your domain user account Allow-Read permission on the RIS images.
- C. Modify the computer's BIOS settings, and ensure that the computer is configured to boot from the network.
- D. Modify the computer's BIOS settings, and ensure that the computer's boot password is the same as the RIS server's Administrator password.

Answer: C.

Explanation: The error in this scenario occurs because the computer is trying to boot from the hard disk which has no operating system installed. To use RIS the computer must be configured to boot from the network.

Incorrect Answers:

A: DHCP reservations are not necessary to use RIS.

B: This needs to be done but it is not the cause of the error message in the question.

D: There is no such thing as a boot password.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 3

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### **QUESTION 9**

You are the desktop administrator for Certkiller . Certkiller .com's network consists of three network segments that are connected by a router. All three segments contain Windows 2000 Professional computers that are used by company employees.

Each segment has a managed hub. The computers on each segment are connected to the managed hub on their respective segments.

SegmentA contains a Windows 2000 Server computer that runs RIS and DHCP. The server and all the client computers use DHCP to obtain IP addressing information.

Certkiller purchases 100 new client computers. You need to install Windows XP Professional on these computers. You connect 10 of the new computers to SegmentB. You use RIS server to deploy Windows XP Professional to the 10 new computers.

The users on SegmentB and SegmentC report that network response time is very slow during the time that you are applying RIS images to the new computers. You need to reduce the negative impact that RIS deployment has on the network.

What should you do?

A. Create a new network segment and connect it to the router.

Connect the new computer to the new segment during the time that you are applying the RIS images.

B. Configure the router to forward BOOTP packets only between SegmentA and SegmentB.

C. Replace the managed hub on SegmentB with a managed switch.

Connect all computers on SegmentB to the switch.

D. Connect the new computers to SegmentA during the time that you are applying the RIS images.

Answer: D

Explanation: By keeping the RIS traffic local within a single section the other segments would not be affected by the increased network traffic.

Incorrect Answers

A: Adding a new segment would not help if we don't add the RIS server to this segment. Traffic would still flow between the segments and decreasing network performance for all users.

B: BOOTP packets are used for communication between the DHCP server and the DHCP clients. Blocking BOOTP traffic would have minimal positive effect on network performance. Furthermore, this suggested solution would prevent any DHCP traffic to segment B and segment C. Any DHCP clients in these segments would not get appropriate IP configuration.

C: A switch would improve performance by reducing the number of broadcast domains. The traffic between the segments would still affect the whole network. It is better to contain the RIS traffic within one segment only.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 3

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## **QUESTION 10**

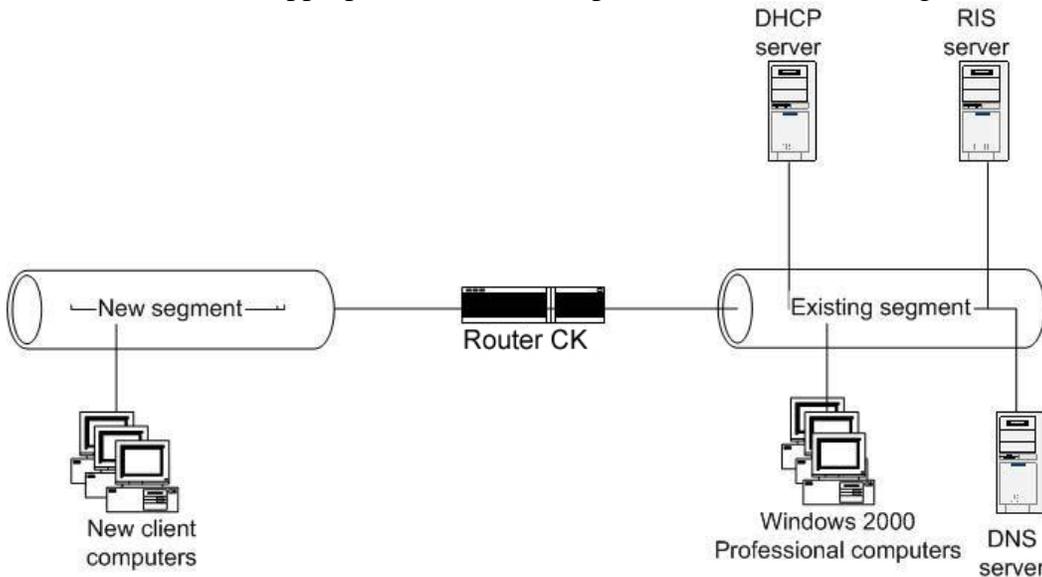
You are a desktop administrator for Certkiller . The company's network contains a RIS server, which contains Windows XP Professional images. The network also contains 50 Windows 2000 Professional computers, which are configured to use DHCP to obtain IP addressing information.

Certkiller purchases 200 new client computers that contain PXE-compliant network adapters. You create a new network segment. You connect the new segment to the company's central router, which is configured to forward BOOTP packets to the DHCP server. You can connect the new computers to the new network segment, and you turn on each computer.

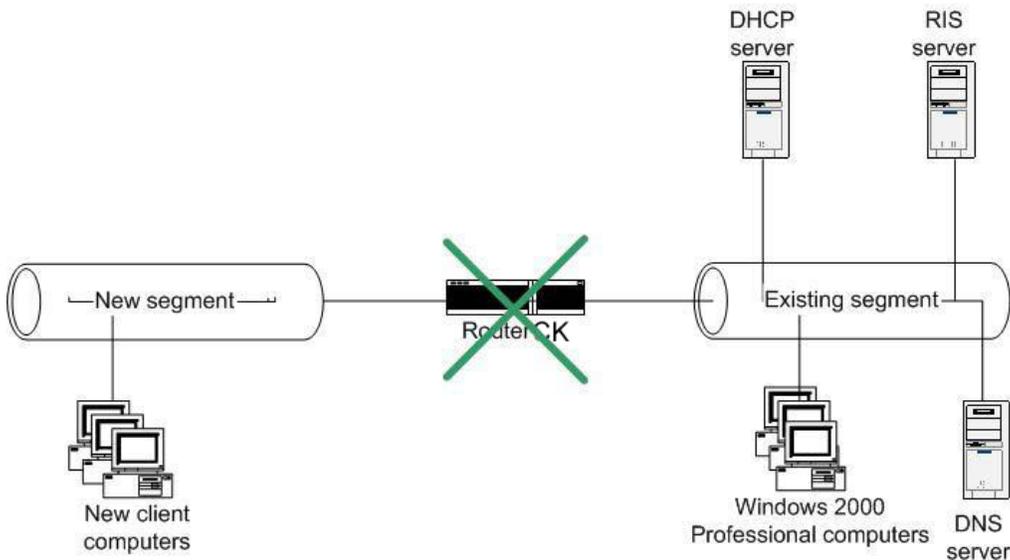
Each computer performs a power-on self-test (POST). Each computer then displays a message stating that the computer cannot obtain an IP address and that an operating system was not found.

You verify that the DHCP server has sufficient number of available IP addresses in its existing scope. You need to configure the network so that you can use RIS to deploy Windows XP Professional to the new computers. Which network component should you reconfigure?

To answer, click the appropriate network component in the network diagram.



Answer:



Explanation:

It seems likely that the router needs to be reconfigured if you want to use RIS. In the question it states that every computer successfully completes the power on self test, but that they are unable to obtain IP addresses. Since the question also mentions that the DHCP server has enough available IP addresses in its current scope then it is likely that the router that connects the computers on the new network segment to the DHCP server is not properly configured.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 3

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**QUESTION 11**

You are the desktop administrator for one of Certkiller 's branch offices. The network in the branch office consists of a single network segment, which contains a domain controller, a DHCP server, 10 Windows 2000 Server computers, and 50 Windows 2000 Professional computers. All servers and client computers are members of Certkiller 's Active Directory domain.

You purchase 50 new client computers for the branch office. Each new client computer contains a built-in PXE-compliant network adapter. You install and configure RIS on one of the Windows 2000 Server computers that is on the network in the branch office. You create a Windows XP Professional RIS image on the Windows 2000 Server computer.

You connect the new client computers to the network in the office, and you turn on each computer. Each computer displays a message stating that it cannot contact a PXE boot server. You verify that the RIS server is connected to the network.

You need to ensure that the new client computers can connect to the RIS server and can begin installing Windows XP Professional.

What should you do?

- A. Ask a domain administrator to authorize the RIS server.
- B. Grant the Everyone group Allow - Read NTFS permissions on the RIS image.
- C. Install RIS on the domain controller. Copy the RIS image to the domain controller.
- D. Add a reservation for the RIS server to the DHCP server.

Answer: A

Explanation: A RIS server must be authorized in Active Directory before it can begin servicing the client computers.

Incorrect Answers:

B:The Allow - Read NTFS permission is required on the RIS image. However, this would cause a different error message. The client computers would still be able to connect to the RIS server.

C:RIS does not need to run on a domain controller (as long as the RIS server is a member of a domain).

D:It is not necessary to add reservation for the RIS server to the DHCP server. A static IP address would be recommended for the RIS server.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 3

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**QUESTION 12**

You are the desktop administrator for Certkiller . Certkiller 's network contains a RIS server, a DHCP server and a DNS server.

You need to install Windows XP Professional on a computer that does not have a CD-ROM drive. The computer has the following configuration.

- \* A Pentium III 1-GHz processor
- \* A 5-GB hard disk
- \* 128 MB of RAM

- \* A modem in the first PCI slot
- \* An Ethernet card in the last ISA slot

You attempt to install Windows XP Professional on the computer by using a RIS bootable floppy disk. However, you are unable to connect to the RIS server. What should you do?

- A. Move the Ethernet card to the first ISA slot.
- B. Remove the Ethernet card and replace it with an Ethernet card that is PXE compliant.
- C. Share the RIS image on the RIS server.  
Create a network bootable floppy disk.  
Insert the floppy disk and install Windows XP Professional from the share.
- D. Place the NDIS network drivers in the root directory of the RIS bootable floppy disk.  
Use the floppy disk to connect to the RIS server.

Answer: B

Explanation: A RIS bootable floppy disk (created using the RBFg.exe utility) does not support ISA network  
NOTE:If you start Rbfg.exe and press the Adapter List button, the supported PCI adapters are displayed.

Incorrect Answers:

A:ISA network cards are not supported.

C:You cannot install Windows XP from a network share in this way. You could connect to a copy of the Windows XP installation files on a network share, but not a RIS image.

D:ISA network cards are not supported (even with the right driver).

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 3

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### **QUESTION 13**

You are the desktop administrator for Certkiller .com. You are responsible for automating the deployment of Windows XP Professional to new computers in Certkiller .com. You are preparing a Windows XP Professional computer, which you will use to test disk imaging.

You install Windows XP Professional on the test computer and run the Sysprep utility. You use a third-party software package to create a disk image to a new computer and then restart the computer.

Instead of completing the Windows XP Professional installation, the computer starts the Windows Welcome program, requiring you to enter additional setup information.

Because you will be deploying a large number of computers, you want to ensure that the disk image can be applied without additional user interaction. What should you do?

- A. Use a network-based RIS server to apply the disk image to new computers.
- B. On the test computer, run the Sysprep-factorycommand. Re-create the disk image by using the third-party software.
- C. Use setup manager to create a Sysprep answer file. Copy the answer file to a floppy disk, and insert the disk into new computers when the disk image is applied.
- D. Create an Unattend.txt answer file. Copy the file to the C:\Winnt\System32 folder on the text computer. Run the Sysprep utility and re-create the disk image by using the third-party software.

Answer: C.

Explanation: There is not a parameter for specifying the mini-Setup Wizard answer file. The answer file must be renamed to Sysprep.inf. Sysprep.inf can exist either in the %systemdrive%\Sysprep folder (located on the hard disk of the destination computer), or on a floppy disk. If the Sysprep folder is named differently, Setup ignores it.

Incorrect Answers:

A:A RIS server is not required in this scenario. RIS would still need a Sysprep answer file.

B:Factory is not used to automate the installation further. The -factory command restarts the computer in a network-enabled state without displaying Windows Welcome or mini-Setup. This is used to make configuration changes and testing. When you have finished your desired set of tasks in Factory mode, run Sysprep.exe with the -reseal parameter to prepare the computer for end-user delivery.

D:The answer file must be renamed to Sysprep.inf, and must reside either on a floppy diskette or in the Sysprep folder in the root of the drive on which Windows XP is installed.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 2

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#### **QUESTION 14**

You are the desktop administrator for Certkiller .com. You need to deploy Windows XP Professional on 50 new computers. You want to use a fully automated installation process.

Each new computer is configured with a 20-GB hard disk, a CD-ROM drive, and a floppy disk drive. The computers do not contain network adapter cards.

You specify the company's standard installation settings and save them in an answer file.

You want to use the Sysprep utility to prepare the source computer for deployment. Which two actions should you take? (Each correct answer presents part of the solution. Choose two.)

- A. Place the answer file in C:\Windows\System.
- B. Place the answer file in C:\Windows\System32.
- C. Place the answer file in C:\Sysprep.
- D. Place the Sysprep.exe and Setupcl.exe in C:\Windows\System.
- E. Place the Sysprep.exe and Setupcl.exe in C:\Windows\System32.
- F. Place the Sysprep.exe and Setupcl.exe in C:\Windows\Sysprep.

Answer: C, F

Explanation:

C:The answer file must be renamed to Sysprep.inf, and must reside in the Sysprep folder in the root of the drive on which Windows XP is installed.

F:The Sysprep.inf file must reside in the same location as Sysprep.exe and Setupcl.exe. These Sysprep files can exist either in the %systemdrive%\Sysprep folder (located on the hard disk of the destination computer), or on a floppy disk.

Incorrect Answers:

A:The answer file should be placed in the C:\Sysprep folder, not the C:\Windows\System folder.

B:The answer file should be placed in the C:\Sysprep folder, not the C:\Windows\System32 folder.

D:Sysprep and Setupcl should be placed in the C:\Sysprep folder, not in the C:\Windows\System folder.

E:\Sysprep and Setupcl should be placed in the C:\Sysprep folder, not in the C:\Windows\System32 folder.  
Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 2

Microsoft Knowledge Base Article (Q302577): HOW TO: Use Sysprep.exe Tool to Automate Successful Deployment of Windows XP

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**QUESTION 15**

You are the desktop administrator for your company's sales department. Philippe is a user in the sales department. Philippe's computer currently runs Microsoft Windows NT Workstation 4.0. You need to install Windows XP Professional on Philippe's computer. Philippe uses a legacy application that is compatible with only Windows NT Workstation.

Philippe's computer has two hard disks. The first disk is partitioned as drive C and has 3 GB of available space. The second disk is unpartitioned and has 3 GB of available space.

Windows NT Workstation 4.0 is currently installed on drive C. You want to install Windows XP Professional on the second hard disk, which you will format as drive D. You want to ensure that after Windows XP Professional is installed, Philippe can access all files that are on drive C and drive D. What should you do?

A. Install Windows XP Professional on drive D.

Copy Atdisk.sys from drive D to drive C.

B. Install Windows XP Professional on drive D.

Copy Ntfs.sys from drive D to drive C.

C. Prior to installing Windows XP Professional, install the most recent Windows 4.0 service pack.

Install Windows XP Professional on drive D.

D. Prior to installing Windows XP Professional, install Active Directory client extensions for Windows NT Workstation 4.0.

Install Windows XP Professional on drive D.

Answer: C

Explanation: Windows NT 4.0 with service pack 4.0 is able to access partitions with the latest version of NTFS, but with some limitations.

Incorrect Answers:

A: The Atdisk.sys is a low-level device driver for hard drives. Copying the Windows XP version of it to the Windows NT Workstation partition will not achieve the requirement. Furthermore, the XP version might not run in NT 4.0.

B: The Windows XP Ntfs.sys file cannot be run on a Windows NT 4.0 system.

D: The Active Directory client extensions will not help creating a multi-boot system.

Note: Microsoft has developed extensions for Windows 95, Windows 98, and Windows NT 4.0 operating systems that allow those client platforms to take advantage of features provided by the Windows 2000 Active Directory service.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

Microsoft Technet: Multibooting with Windows 2000 and Windows XP

**QUESTION 16**

You are the desktop administrator for Adventure Works. You perform a clean installation of Windows XP Professional on 25 computers. All of these computers are part of a workgroup named Dev. All of the computers in Dev are configured to require a user name and password for logon. Thirty days after the installation, all users in the Dev workgroup report that they cannot log on to their computers. How should you correct this problem?

- A. Use the Windows Product Activation Wizard on all computers to activate Windows XP Professional via the Microsoft Clearing House.
- B. On each computer, log on as a local administrator and reset the user password at the next logon.
- C. Restart each computer in safe mode, and change the local account policy expiration from 30 days to zero days.
- D. Restart each computer in safe mode. Use System Restore, specifying the restore point that was created after the clean installation of Windows XP Professional.

Answer: A.

Explanation: Windows XP must be activated within 30 days of installation. If it is not activated, you will only be able to use the activation wizard when you log in. You will not be able to use Windows until it has been activated via the Microsoft Clearing House, typically via the Internet.

Incorrect Answers:

B: The passwords are not the problem. The default password expiration is 42 days.

C: The local account policy does not expire.

D: This will not negate the need to activate Windows.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 2 & Chapter 10, Lesson 3

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**QUESTION 17**

You are the desktop administrator for Certkiller .com's office. You need to install Windows XP Professional on 100 client computers.

Your company has a volume licensing agreement with Microsoft Corporation that includes Windows XP Professional. You receive a volume license product key from Microsoft that must be used to install Windows XP Professional on the 100 client computers. However, you do not have access to the Windows XP Professional CD-ROM that Microsoft provided Certkiller .com.

You purchase a copy of Windows XP Professional at a local computer store. You begin installing Windows XP Professional on two client computers by using the attended installation method. When Setup prompts you for a product key, you type your company's volume license product key. However, Setup displays the following error message: "Invalid product key".

You need to complete the Windows XP Professional installation on all 100 computers. What should you do?

- A. Use the product key that is printed on the back of the CD case for the retail copy of Windows XP Professional that you purchased.
- B. Contact a Microsoft Activation center to obtain a product activation key.

C. Cancel Setup.

Obtain a volume license version of the Windows XP Professional CD-ROM from Microsoft.

Rerun Setup from the CD-ROM.

D. Cancel Setup.

Create an unattended installation answer file that contains your company's volume license product key, and use the answer file to perform an unattended installation of Windows XP Professional.

Answer: C

Explanation: We need to use the volume license version of the installation CD-ROM. Only this CD-ROM and the volume-license product key would enable us to install Windows XP on multiple computers.

Note: Licenses acquired through one of Microsoft's volume licensing programs are not required to be activated. Microsoft Product Activation does, however, require volume license customers to input a Volume License Product Key when installing from volume license media.

Incorrect Answers

A: The product key purchased from the local computer store would only be valid on one single computer. We cannot use it to install Windows XP on 100 computers.

B: A volume product activation key cannot be used for this purchased Windows XP CD-ROM.

D: We cannot use the volume license activation key on ordinary single machine Windows XP installation CD-ROM.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 2 & Chapter 10, Lesson 3

Windows XP product documentation, Windows XP Product Activation

<http://www.microsoft.com/licensing/resources/vol/>

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### **QUESTION 18**

You are a help desk technician for your company, which is in the process of deploying Windows XP Professional to all client computers.

You upgrade Pierre's Windows 98 portable computer to Windows XP Professional. After the upgrade, Pierre reports that some of his older software applications no longer work properly. Also, one of the hardware devices on his computer is not currently supported by Windows XP Professional. Pierre requests that you reinstall Windows 98 and all of his applications so that he can use his computer normally.

You need to restore Pierre's computer to its pre-upgraded state while retaining all of the applications, documents, and personal data on the computer. You want to accomplish this task in the minimum amount of time. What should you do?

A. Copy Pierre's documents and personal data to a shared folder on the network. Reinstall Windows 98 and Pierre's applications. Copy the documents and personal data to the My Documents folder on Pierre's computer.

B. On Pierre's computer, run Setup.exe from a Windows 98 installation CD.

C. On Pierre's computer, use the Add or Remove Programs Wizard to remove the Windows XP Professional installation item.

D. On Pierre's computer, use a third-party disk-imaging software utility to apply a disk image that contains Windows 98 and Pierre's applications.

Answer: C.

Explanation:

Windows XP includes an uninstall feature which allows us to uninstall Windows XP and return to the previous operating system.

Incorrect Answers:

A: This is not necessary. We can uninstall Windows XP therefore we do not need to reinstall Windows 98.

B: This will reinstall Windows 98. This is not necessary. We can uninstall Windows XP therefore we do not need to reinstall Windows 98.

D: The question does not mention having a backup image of Windows 98.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 5

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**QUESTION 19**

You are the desktop administrator for Certkiller .com. The company's network consists of a single Active Directory domain. All client computers run Windows XP Professional. All client computers are Advanced Configuration and Power Interface (ACPI) compliant and use the Windows XP Professional power management features.

You receive a flash BIOS update from the manufacturer of the client computers. You update the BIOS on your computer. The BIOS updates successfully. When the computer restarts, you receive the following error message: "STOP: 0x000000079HAL\_MISMATCH." You manually restart the computer and receive the same error message.

You need to be able to start your computer as quickly as possible. What should you do?

- A. Restart the computer by using the Recovery console, and copy the ACPI Hal.dll file from the Windows XP Professional CD-ROM to your computer.
- B. Restart the computer by using the last known good configuration.
- C. Restart the computer by using the Windows XP Professional CD-ROM, and select the option to repair the installation.
- D. Restart the computer. Enter BIOS setup, and re-enable ACPI power management support.

Answer: C

Explanation: By updating the BIOS the hardware of the computer has changed. Windows uses the Hardware Abstraction Layer (HAL) to communicate with the hardware on the system. The HAL must now be updated. This can be accomplished by reinstalling the operating system, or as in proposed in this scenario, by repairing the installation.

Note: During setup, Windows XP Professional determines which hardware abstraction layer (HAL) to install on the computer. If the computer has an ACPI-compliant BIOS, an ACPI HAL is installed and you are able to use ACPI power management features. If the computer does not have an ACPI-compliant BIOS, a non-ACPI HAL is installed and ACPI power management features are not available.

Incorrect Answers:

A: Just simply copying the ACPI hal.dll into the computer will not update the HAL. Instead the HAL should be updated by reinstalling or repairing the installation.

B: We have reconfigured the hardware of the system, not the software. The Last known good configuration

software configuration will not be of any help.

D: The hardware of the computer has changed. We cannot undo this change by making configurations in the BIOS setup.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 5

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**QUESTION 20**

You are the desktop administrator for Certkiller .com's support department. Susan is a user in the support department. Susan's computer currently runs Microsoft Windows NT Workstation 4.0. Susan uses a legacy application that is compatible with only Windows NT Workstation.

You want to install Windows XP Professional on Susan's computer. You plan to set up a dual-boot configuration so that Susan can run either Windows XP Professional or Windows NT Workstation.

Susan's computer has two hard disks, named drive C and drive G. You install Windows XP Professional on drive G. After Windows XP Professional is installed, Susan reports that Windows NT Workstation is no longer available.

You need to ensure that both operating systems are available on Susan's computer. What should you do?

A. Insert the Windows XP Professional CD-ROM into the computer.

Run the Sfc.exe /scannow command.

B. Insert the Windows XP Professional CD-ROM into the computer.

Run the Winnt32.exe /cmdcons command.

C. Start the computer by using an MS-DOS bootable floppy disk.

Run the Attrb.exe -r -h -s c:\bootsect.dos command.

D. Start the computer by using the Windows XP Professional CD-ROM.

From the Recovery console, run the Bootcfg/rebuild command.

Answer: D

Explanation: The bootcfg command is a Microsoft Windows XP Recovery Console command that manipulates the Boot.ini file. This command has a function that can scan your hard disks for Microsoft Windows NT, Microsoft Windows 2000, and Windows XP installations, and then add them to an existing Boot.ini file.

Incorrect Answers

A: SFC has no use in this scenario. SFC.exe scans all protected system files and replaces incorrect versions with correct Microsoft versions.

B: Installing the Recovery console on the hard drive would not enable us to boot Windows NT.

C: Changing the attributes of the bootsect.dos file would not help. Furthermore, the file would not be accessible from DOS if NTFS was used during the installation.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 5

Microsoft Knowledge Base Article - Q291980: A Discussion About the Bootcfg Command and Its Uses

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**QUESTION 21**

You are the desktop administrator for Certkiller . You successfully perform a clean installation of Windows XP Professional on drive C of a computer that is used by an employee named Susan.

Susan is a software developer. She wants her computer to have a dual-boot configuration so that she can use either Windows XP Professional or Windows 2000 Professional. She installs Windows 2000 Professional on drive G.

After installing Windows 2000 Professional, Susan restarts her computer and chooses to start Windows XP Professional. When Windows XP Professional starts, Susan sees the following error message, which is also shown in the exhibit.



"Windows 2000 could not start because the following file is missing or corrupt:  
\\WINDOWS\\SYSTEM32\\CONFIG\\SYSTEM"

However, Susan restarts her computer and is able to successfully start Windows 2000 Professional. You want Susan's dual-boot configuration to function properly. You start Susan's computer and choose to start Windows 2000 Professional. What should you do?

- A. Copy the NTLDR file and the Ntdetect.com file from the i386 folder on the Windows XP Professional CD-ROM to the root directory of drive G.
- B. Restore the C:\\Windows\\System32\\Config\\System file from a recent backup.
- C. Restore the G:\\Windows\\System32\\Config\\System file from a recent backup.
- D. Copy the NTLDR file and the Ntdetect.com file from the i386 folder on the Windows XP Professional CD-ROM to the root directory of drive C.

Answer: D

Explanation: This issue occurs because Windows XP did not exist when Windows 2000 was released. The Windows 2000 bootstrap loader files are not aware of the changes that have been made in Windows XP. The computer needs these changes to load Windows XP. The solution is to copy the NTLDR file and the Ntdetect.com file from the i386 folder on the Windows XP Professional CD-ROM to the root directory of drive C.

Incorrect Answers:

- A: The bootstrap loader files need to be copied to the root of the active partition (normally the C: drive).
- B: The C:\\Windows\\System32\\Config\\System file does not need to be restored. The problem is that the boot loader files can't load the C:\\Windows\\System32\\Config\\System file because they are the wrong version.
- C: The C:\\Windows\\System32\\Config\\System file does not need to be restored. The problem is that the boot

loader files can't load the C:\Windows\System32\Config\System file because they are the wrong version.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 5

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**QUESTION 22**

You are the desktop administrator for Certkiller .com's sales department. Certkiller .com's network contains a RIS server.

You need to install Windows XP Professional on a computer that has a SCSI disk subsystem. You start the computer by using the Windows XP Professional CD-ROM, and you begin the installation. However, Setup reports that it cannot find any disk on which to install Windows XP Professional.

You start the computer by using a RIS bootable floppy disk, and you receive the same result. What should you do?

- A. Add an answer file to the root directory of the RIS bootable floppy disk. Start the computer by using the RIS bootable floppy disk, and run Setup by using RIS.
- B. Add the SCSI-controller driver to the root directory of the RIS bootable floppy disk. Start the computer by using the RIS bootable floppy disk, and run Setup by using RIS.
- C. Start the computer by using the Windows XP Professional CD-ROM, and run Setup. After Setup starts, provide an answer file on a floppy disk.
- D. Start the computer by using the Windows XP Professional CD-ROM, and run Setup. After Setup starts, provide a SCSI-controller driver on a floppy disk.
- E. Start the computer by using the Windows XP Professional CD-ROM, and run Setup. After Setup starts, provide the appropriate HAL on a floppy disk.

Answer: D

Explanation: The problem here is that Windows XP doesn't have a driver for the SCSI-controller and so can't find a hard disk to install onto. We can solve this problem by providing a driver during the installation. During the text mode part of the installation, you will see the option to "Press F6 to install a third party SCSI driver". When you press F6, you will be prompted to insert a floppy disk with the SCSI-controller driver on it. Windows XP will then be able to see the SCSI hard disks and install successfully.

Incorrect Answers:

A: An answer file provides answers to the questions you get asked during the graphical part of the setup routine. The setup program won't run because Windows XP doesn't have a driver for the SCSI-controller and so can't find a hard disk to install onto. Therefore, an answer file won't help.

B: We need to install a SCSI controller driver. However, this is not the correct way to do this.

C: An answer file provides answers to the questions you get asked during the graphical part of the setup routine. The setup program won't run because Windows XP doesn't have a driver for the SCSI-controller and so can't find a hard disk to install onto. Therefore, an answer file won't help.

E: We don't need to install a new HAL. You would install a new HAL on a high end server with multiple processors.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 5

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**QUESTION 23**

You are the desktop administrator for Certkiller .com. You install Windows XP Professional on a new portable computer that will be used by one of the company's software developers. You test the computer after you complete the installation and find out the computer functions properly.

The computer contains a 6-GB hard disk and a removable 4-GB hard disk. The 6-GB hard disk is configured as drive C, and the removable hard disk is configured as disk D. You install Windows 98 on drive D and deliver the computer to the software developer.

The software developer reports that the computer does not start when drive D is not connected. Instead, the computer briefly displays an operating system menu, and then it displays an error message stating that an operating system could not be found. When drive D is connected, the computer starts Windows 98.

You need to configure the computer so that it starts Windows XP Professional whether or not drive D is connected. What should you do?

- A. Modify the computer's BIOS so that it automatically detect whether drive D is connected.
- B. Modify the computer's BIOS so that drive C is first in the computers boot order.
- C. Modify the Boot.ini file on the computer by changing the default= entry to the following value:  
multi(0)disk(0)rdisk(0)partition(1)="Microsoft Windows XP Professional" /fastdetect
- D. Modify the Boot.ini file on the computer by changing the entry for Windows 98 to the following value: D:  
"Microsoft Windows 98" /fastdetect

Answer: C

Explanation: The scenario indicates that the computer always tries to start from the second disk:

1. When the second disk is connected it starts from it.
2. When only the first disk is connected it fails to start.

We must change the default start entry to the first disk. This is achieved by changing the default entry to:  
multi(0)disk(0)rdisk(0)partition(1)="Microsoft Windows XP Professional" /fastdetect

Incorrect Answers

- A: This is not a feature that can be configured in BIOS. Furthermore, the BIOS always detects if any drives are connected in the first place.
- B: The C drive is already the drive which the computer boots from. It is just that disk 2 is the default boot disk.
- D: This is not the format of boot.ini entries.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 5

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**QUESTION 24**

Exhibit:



You are the administrator of Certkiller .com's network.

Certkiller .com upgrades its network to 100 Mbps. All Windows XP computers have been recently upgraded with new 10/100 Mbps network adapters. All computers have been configured with TCP/IP protocol settings so that IP and DNS settings are obtained automatically. A user has reported that he cannot access the network. You view the network adapters node in Device Manager as shown in the Device Manager window. See exhibit.

You want this computer to communicate on the network using the least amount of administrative effort. What should you do?

- A. Configure IP address settings manually.
- B. Replace the network adapter. Reinstall the network adapter driver.
- C. Enable the network adapter.
- D. Enable IEEE 802.1x authentication.

Answer: B

Explanation: The exhibit shows a problem with the network adapter as indicated by the exclamation mark. The problem is either a faulty adapter and/or a corrupt driver. To fix this, we should first try reinstalling the driver. If that doesn't work, replace the network adapter and install a new driver.

Incorrect Answers:

- A: The network is configured to use DHCP. It is not necessary to configure a static IP address.
- C: If the network adapter was disabled, it would have a red cross next to it, not an exclamation mark.
- D: IEEE 802.1x authentication is used for wireless network and therefore is not applicable in this scenario.

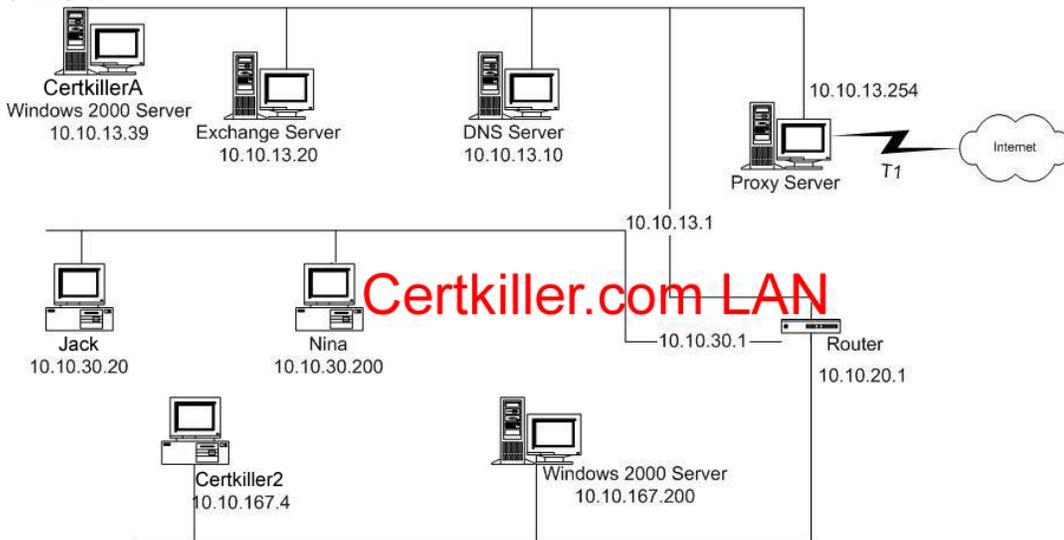
Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 40-42

## QUESTION 25

You are adding a Windows 2000 Professional computer named Certkiller 2 to the Certkiller company network. Your network consists of a single domain named Certkiller . Certkiller is configured as shown in the

exhibit.



All of the computers use TCP/IP as the only network protocol. You want users on Certkiller 2 to access shared resources on Certkiller A.

A. You also want Certkiller 2 to be a member of the Certkiller domain.  
What should you do?(Choose all that apply)

- A. Create an account for Certkiller 2 on Certkiller A.
- B. Create an account for Certkiller 2 in the Certkiller domain.
- C. Configure the router to support BOOTP.
- D. Configure Certkiller 2 to have an IP address of 10.10.20.78 and a default gateway of 10.10.20.1.
- E. Configure Certkiller 2 to have an IP address of 10.20.20.133 and a default gateway of 10.10.13.1.
- F. Configure Certkiller 2 to have an IP address of 10.10.30.200 and a default gateway of 10.10.20.1

Answer: B, D

Explanation:

B:Every client computer must be a member of the domain.

D:The IP address of Certkiller 2 (10.10.20.78) is in the 10.10.20.1 - 10.10.20.255 range. The local interface of the router, 10.10.20.1, should be used as a default gateway.

Incorrect Answers

A:There is no need to create a local user account on a server in order to share resources in the domain.

C:Enabling BOOTP on a router would make sure that DHCP traffic would be forwarded. However, in this scenario the client computer Certkiller 2 has a static address and there is no need for DHCP.

E:The local interface of the router, 10.10.20.1, should be used as a default gateway. 10.10.13.1 is the external interface of the router.

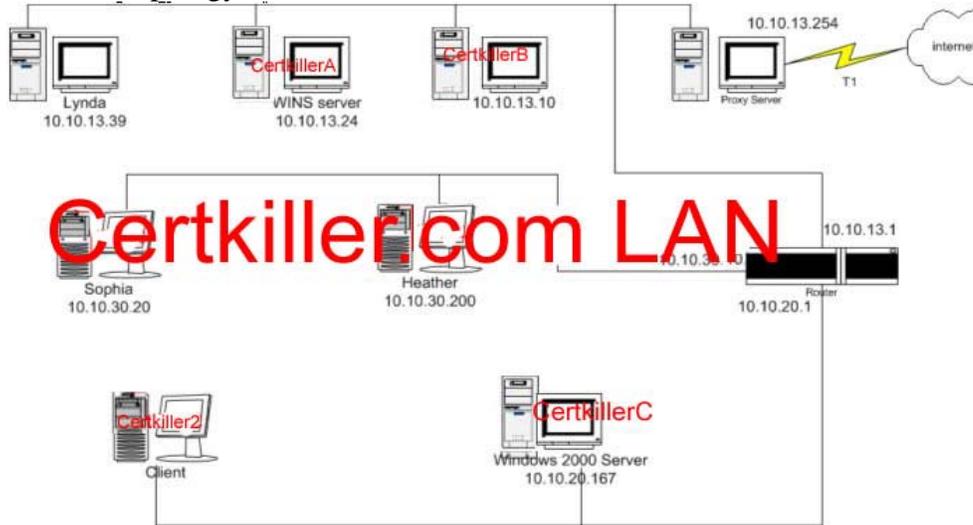
F:The range of IP addresses on the subnet seems to be in the 10.10.20.1 - 10.10.20.255 range. 10.10.30.200 is not in this range.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 1

**QUESTION 26**

Network topology exhibit:



You are the administrator at Certkiller .com.

You use TCP/IP as the only protocol on your network. The network is configured as in the network topology exhibit. All existing computers and devices use the same subnet mask. You install Windows XP on a computer named Certkiller 2. You configure Certkiller 2 to have a TCP/IP address of 10.10.13.234, a default gateway of 10.10.20.1, a subnet mask of 255.255.255.0 and a WINS server address of 10.10.13.24. You cannot connect to shared resources on Certkiller C by using its UNC name.

You want Certkiller 2 to be able to connect to Certkiller C.

What should you do?

- Install a WINS server on the same segment as Certkiller 2
- Install and configure a DNS server and configure Certkiller 2 to use the DNS Server service.
- Configure Certkiller 2 with a default gateway address 10.10.13.1.
- Configure Certkiller 2 with a default gateway address of 10.10.30.1.
- Configure Certkiller 2 with a TCP/IP address of 10.10.20.234.

Answer: E

Explanation: The IP address of Certkiller 2 does not belong to the same subnet as Certkiller C or the local router interface. The third octet of Certkiller 2 is 13, while the third octet of Certkiller C and the local interface of the router are 20. The IP address of Certkiller 2 must be changed accordingly.

Incorrect Answers:

A: The WINS server does not need to be on the same segment as Certkiller 2. Certkiller 2 is correctly configured with the IP address of the WINS server.

B: We are using WINS for name resolution; therefore, it is unnecessary to configure a DNS server.

C: Certkiller 2 is correctly configured with a default gateway of 10.10.20.1.

D: Certkiller 2 is correctly configured with a default gateway of 10.10.20.1.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 369

**QUESTION 27**

Network topology exhibit:

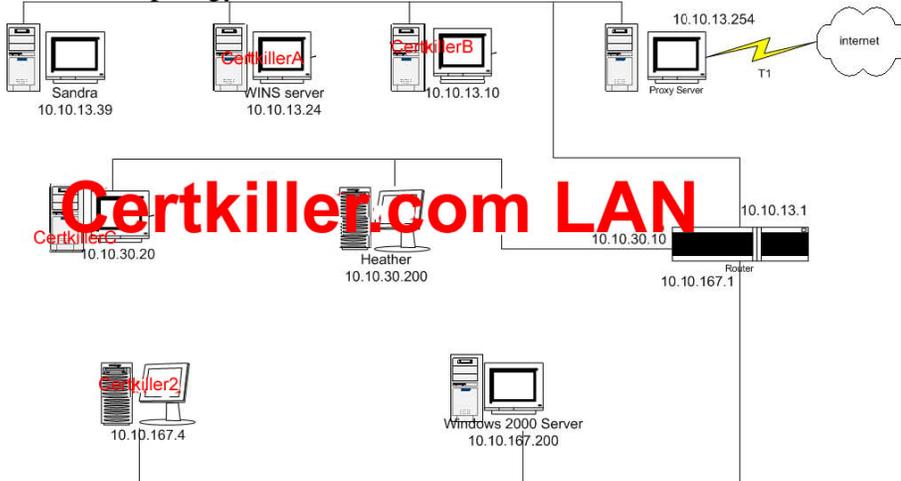


Exhibit #2:

```

C:\WINDOWS\System32\cmd.exe
C:\>ipconfig /all

Windows 2000 IP Configuration

Host Name . . . . . : Certkiller2
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . :

Ethernet adapter Local Area Connection1:

Connection-specific DNS Suffix . : Certkiller.com
Description . . . . . : Compaq Integrated NetFlex 3/P Controller 2.3
Physical Address. . . . . : 00-08-C7-C3-13-04
Dhcp Enabled . . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IP Address. . . . . : 10.10.167.4
Subnet Mask . . . . . : 255.255.252.0
Default Gateway . . . . . : 10.10.13.1
DHCP Server . . . . . : 10.10.13.20
DNS Server . . . . . : 10.10.13.10
Primary WINS Server . . . . . : 10.10.13.20
Secondary WINS Server . . . . . : 10.20.13.20
Lease Obtained. . . . . : Monday, August 02, 1999 8:41:00 AM
Lease Expires . . . . . : Thursday, August 12, 1999 8:41:00 AM

```

You are the administrator at Certkiller .com.

You install Windows XP on a computer named Certkiller 2. The network is configured as shown in the network topology exhibit. You attempt to use a URL to connect to a Web site on the Internet but are unsuccessful. You are also unsuccessful when you attempt to use the TCP/IP address for the web site.

You run ipconfig to review the configuration as shown in the Command Prompt. See Exhibit #2.

You want to be able to connect to the Web site.

What should you do first?

- A. Configure your computer to use Certkiller A as a WINS server.
- B. Configure your computer with a default gateway address of 10.10.167.1.
- C. Configure your computer to use Certkiller B as a proxy server.
- D. Configure your computer to use Certkiller B as a DNS server.
- E. Configure your computer to use the proxy server as the default gateway.

Answer: B

Explanation: The ipconfig exhibit shows that the default gateway is configured as 10.10.13.1. The network

exhibit shows us that the local interface of the router is 10.10.167.1. The default gateway should therefore be changed to 10.10.167.1.

Incorrect Answers:

A: WINS is not used to resolve URLs to IP addresses.

C: Certkiller B is not a proxy server.

D: Certkiller B is already configured as a DNS server.

E: The proxy server should not be configured as the default gateway. The default gateway address is the address of the local interface of the router.

Reference:

Lisa Donald & James Chellis, *MCSA/MCSE: Windows XP Professional Study Guide Second Edition*, Sybex Inc., Alameda, 2003, p. 369

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### QUESTION 28

You are the desktop administrator for Certkiller .com's sales department. Carlos is a user in the sales department. Carlos's Windows XP Professional computer has a single hard disk with two partitions, named drive C and drive H. Drive C is formatted as FAT32, and drive H is formatted as NTFS. Carlos stores his data on drive H.

Carlos reports that he is unable to compress a folder on drive H. To troubleshoot the problem, you examine the advanced attributes for a file on drive H on his computer, as shown in the Advanced Attributes exhibit.



You run the Chkdsk command on drive H to obtain disk statistics. You receive the report shown in the Chkdsk exhibit.

```

C:\WINDOWS\System32\cmd.exe
H:\>chkdsk
The type of the file system is NTFS.
Volume label is DATA.

WARNING! F parameter not specified.
Running CHKDSK in read-only mode.

CHKDSK is verifying files (stage 1 of 3)...
File verification completed.
CHKDSK is verifying indexes (stage 2 of 3)...
Index verification completed.
CHKDSK is verifying security descriptors (stage 3 of 3)...
Security descriptor verification completed.

524287 KB total disk space.
134928 KB in 1072 files.
 304 KB in 28 indexes.
   0 KB in bad sectors.
 6239 KB in use by the system.
 4672 KB occupied by the log file.
382816 KB available on disk.

   8192 bytes in each allocation unit.
 65535 total allocation units on disk.
 47852 allocation units available on disk.

H:\>

```

You want to enable Carlos to compress files and folders. What should you do?

- A. Defragment drive H.  
Run the Chkdsk/Fcommand.
- B. Back up the files that are on drive H.  
Format drive H as NTFS and use the default settings.  
Restore the files to drive H.
- C. Back up the files that are on drive H.  
Convert the disk to a dynamic disk.  
Restore the files to drive H.
- D. Add Carlos to the Power Users group.

Answer: D

Explanation:

This is a lack of permission problem. Carlos does not have permission to compress file and folders. By adding him the Power Users group we ensure that he is given this permission.

Reference:Microsoft Knowledge Base Article - Q307987, HOW TO: Use File Compression in Windows XP  
Incorrect Answers

A:Defragmentation improves performance of the hard disk by ordering the files sequentially. The Chkdsk /f command is run to determine if the file system is corrupt. However, neither of these two actions would make the compress command available.

B:The only NTFS setting which prevents compression of a volume is the encryption attribute. However, the first exhibit shows that no encryption is used on this specific folder.

C:NTFS compression is available on any volumes that use the NTFS file system. There is no need to convert the disk to a dynamic disk.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 1

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**QUESTION 29**

You are the desktop administrator for Certkiller .com. All employees use Windows XP Professional computers. All employees are members of the local Power Users group on their client computers.

There are three daily work shifts, and employees share computers with employees who work on different shifts.

Each client computer has a defined set of desktop icons and shortcuts in addition to the system icons. All users must be able to access these icons and shortcuts. Users can place their own icons and shortcuts on the desktop, but these icons and shortcuts should be invisible to other users of the computer

You want to prevent users from adding or removing icons and shortcuts to the default desktop. You also want to allow users to customize their own desktops.

What should you do?

- A. For the Power Users group, remove Allow-Modify permission from the Documents and settings\All Users folder.
- B. For each user, remove Allow-Full Control and Allow-Modify permissions from the Document and Settings\%username% folders.
- C. For the Power Users group, assign the Deny-Full Control permission on the Documents and Settings folder.
- D. For the Power Users group, assign the Deny-Full Control permission on the Documents and Settings/Default User folder.

Answer: A.

Explanation: In this scenario the shortcuts are in the All Users folder. By removing the modify permission from this folder the users will not be able make changes that would affect other users. The users will be able to add their own shortcuts because these are placed in their individual profiles.

Incorrect Answers:

B: The users need modify access to their own profiles.

C: This would disallow all access to the user profiles.

D: This would prevent any new users from logging on because they will not be able to create a new profile.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 1

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**QUESTION 30**

You are the desktop administrator for your company's network. You are preparing a Windows XP Professional computer for Carlos, a new user in the sales department. This computer formerly belonged to an employee named Anne. Carlos requires access to all of Anne's files, but he does not have the appropriate permissions.

You log on as the local administrator and attempt to reassign permission so Carlos can access Anne's files. However, you receive an "access denied" error message.

You need to ensure that Carlos can access Anne's file. What should you do?

- A. Copy Anne's account and name the new account Carlos.
- B. Give Carlos ownership of the files and folders on the computer.

- C. Grant Carlos Allow-Change Permissions permission on the files and folds on the computer.
- D. Take ownership of the files and folders on the computer, and grant Carlos Allow-Full Control permission.

Answer: D.

Explanation: If an administrator has been removed from the access control list of a file or folder, the administrator needs to take ownership of the files to enable him to change the permissions on the files.

Incorrect Answers:

A:Each account has a different Security Identifier (SID). The permissions on the files are specific to the SID of the user account. When we copy an account, the new account is assigned a different SID which means the permissions will not apply to the new account.

B:You cannot give ownership of a file; you can only take it.

C:We are unable to change the permissions on the files because we are denied access to them.

Reference:

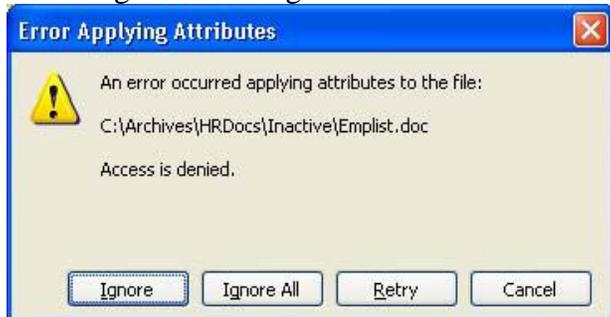
Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 1

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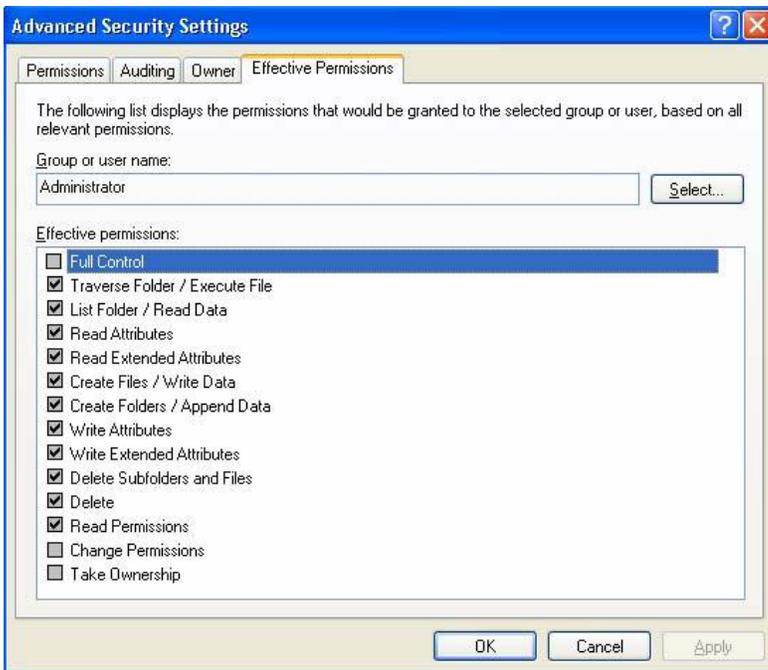
### QUESTION 31

You are the desktop administrator for Certkiller .com. The company network consists of a single Active Directory domain. Helene, a domain user in the human resources department reports that her Windows XP Professional computer is running out of hard disk space.

You decide to implement file compression on the archive folders stored on her hard disk. You log on to her computer as a local administrator and attempt to compress the folders. However, you receive the following error message.



You discover that the local administrators group on Helene's computer has the effective NTFS permissions shown in the exhibit.



You need to compress files and folders on Helene's computer. What should you do?

- A. Instruct Helene to unencrypt the files and folders that you want to compress.
- B. Take ownership of the files and folders. Then select the Compression attribute for the files and folders.
- C. Grant the local administrator account Allow-Full control permission on the files and folders.
- D. Grant the local administrator account Allow-Modify permission on the files and folders.

Answer: B.

Explanation: In this scenario we don't have enough permission on the folder to compress it. We can obtain full control of the folder by taking ownership of the folder. We are then able to compress the folder.

Incorrect Answers:

A: Encryption is not mentioned in this question. Furthermore, if the file were encrypted, an administrator has the authority to decrypt the files.

C: We do not have permission to change the permissions, therefore we need to take ownership of the folder first.

D: We do not have permission to change the permissions, therefore we need to take ownership of the folder first.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 1

## QUESTION 32

You are the desktop administrator for Certkiller .com. You are configuring a Windows XP Professional computer named MKT1. Twenty members of the marketing department will use MKT1 interactively. All of these users will require access to files on this computer. However, the users should not be able to overwrite or delete other users' files.

You create the folder structure on MKT1 and grant the permissions shown in the following table.

<b>Group</b>	<b>NTFS permission</b>
<b>Everyone</b>	<b>Allow-read</b>
<b>Users</b>	<b>Deny-full control</b>
<b>Marketing users</b>	<b>Allow-read &amp; execute</b>
<b>Creator owner</b>	<b>Allow-modify</b>
<b>Administrators</b>	<b>Allow-full control</b>

Now, users in the marketing department report that they cannot access, modify, or save any files to the folders on MKT1.

You need to grant the appropriate permissions to users in the marketing department. What should you do?

- A. Remove Allow-Read permission from the Everyone group.
- B. Remove Deny-Full control permission from the users group.
- C. Grant the everyone group Allow-Modify permission on the folders.
- D. Grant the marketing users group Allow-Modify permission on the folders.
- E. Grant the Marketing users group Allow-full control permission on the folder.

Answer: B.

Explanation: When we deny full control to a group, we are denying all access. The Deny permission overrides all other permissions, including read and write, that a user may be assigned in all groups that the user is a member of. We therefore need to remove this restriction for the users group as all users are part of this group.

Incorrect Answers:

A: This will not resolve the problem because the Deny permission overrides all other permissions users have in the other groups and all users are automatically part of the users group.

C: This will not resolve the problem because the Deny permission overrides all other permissions users have in the other groups and all users are automatically part of the users group.

D: This will not resolve the problem because the Deny permission overrides all other permissions users have in the other groups and all users are automatically part of the users group.

E: This will not resolve the problem because the Deny permission overrides all other permissions users have in the other groups and all users are automatically part of the users group.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 2

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**QUESTION 33**

You are a help desk technician for Certkiller .com. All employees use Windows XP Professional

computers.

Asalesperson named Philippe receives a removable disk drive cartridge from his supervisor. Philippe now reports that he cannot edit files on the cartridge, he receives an "access denied" error message.

Philippe's supervisor is currently out of the office.

You place the cartridge in the removable drive on your computer. You receive the same "access denied" error message when you try to access the files and folders.

You call Philippe's supervisor. She asks you to grant permission to access the contents of the cartridge only to Philippe. However, she also wants to prevent Philippe from changing permissions on the contents of the cartridge.

Which two actions should you take? (Each correct Answer: presents part of the solution. Choose two)

- A. As Administrator, take ownership of the files and folders.
- B. As Administrator, grant your help desk user account Allow-Full Control permission on the files and folders.
- C. Grant Philippe Allow-Modify permission on the files and folders.
- D. Grant Philippe Allow-Full Control permission on the files and folders.
- E. Grant Philippe Allow-Take Ownership permission on the files and folders.

Answer: A, C.

Explanation:

A. We need to take control of the files and folders. This will enable us to bypass the permissions on the files so that we can change the permissions.

C. The modify permission will allow Phillippe to edit the files but will not allow him to change the permissions on the files.

Incorrect Answers:

B: We do not require full control permission on the files. We can take ownership of the files then give Phillippe permissions on the files.

D: This will give Phillippe the required permission to change the permissions on the files.

E: This will give Phillippe the required permission to change the permissions on the files.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 2

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### **QUESTION 34**

You are a help desk technician for Certkiller .com. A user named Bruno has a Windows XP Professional portable computer that contains two hard disks, which are configured as logical drives C and D. Both hard disks are formatted as NTFS.

You run the Cachemove utility to move Bruno's Client Side Cache (CSC) to the D:\Data\CSC folder.

Bruno now reports that his offline files cannot be synchronized. He does not receive any error messages or warnings to indicate the source of the problem.

Whenever Bruno tries to synchronize the files, Synchronization Manager reports that the synchronization completed successfully. However, when he opens the file, it is not the correct version.

You verify that the D:\Data\CSC folder exists on Bruno's computer.

You need to ensure that Bruno can synchronize his offline files. What should you do?

- A. On Bruno's computer, re-initialize the offline files CSC.
- B. Instruct Bruno to delete the offline files on his computer.
- C. On Bruno's computer, modify the NTFS permissions on drive D to grant Bruno the ability to create new folders.
- D. Ask a network administrator to modify the server-based file permissions on Bruno's files so that Bruno has Allow-Read permission on each file.

Answer: C.

Explanation: Cache offline files (also known as client-side caching [CSC) allows network users to access files on network shares, even when the client computer is disconnected from the network.

The Offline Files cache is a folder structure located in the %SystemRoot%\CSC folder, which is hidden by result in data loss and a complete breakdown of Offline Files functionality.

The Offline Files Cache Mover utility, cachemov.exe, allows user to move offline files cache to a different drive volume. Users may experience a problem when they attempt to synchronize changes made to files while working offline. Synchronization Manager reports that the synchronization finished successfully, but the files on the server do not reflect the changes made. This can be a problem if users are not given NTFS permissions to write to the root of a drive. If the temporary file cannot be created, the modified files never get synchronized with the server. By giving Bruno modify NTFS permission on Drive D. Then he would be able to write in the new offline files cache folder.

Incorrect Answers:

A:It is possible to reinitialize the offline cache. This procedure is used when the client side cache is corrupt not when synchronization is failing.

B:Only deleting the offline files will not resolve the problem. It could help if Bruno, after deleting the off-line files, performed a synchronization of files by using the Synchronization Manager.

D:The NTFS permissions on the local computer, not at the server, must be changed.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 2

Microsoft Knowledge Base Article (Q230738): How to Restart the Offline Files Cache/Database

Microsoft Knowledge Base Article (Q257839): CSC Does Not Synchronize Files But Reports That Synchronization Was Successful

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### **QUESTION 35**

You are the desktop administrator for Certkiller .com. All employees use Windows XP Professional computers.

A user named Julie is a member of the Sales user group. She reports that she cannot save a sales report spreadsheet to a shared folder on another computer.

You examine the shared folder, which has the permissions shown in the following table.

User or group	Permission	Permission type
Everyone	Allow-Full control	Shared folder
Sales	Allow-Read & Execute	NTFS

<b>Managers</b>	<b>Allow-Modify</b>	<b>NTFS</b>
<b>Admins</b>	<b>Allow-Full control</b>	<b>NTFS</b>

You need to ensure that Julie can save her spreadsheet to the shared folder. What should you do?

- A. Grant Julie Allow-Modify shared folder permission.
- B. Grant the Sales group Allow-Modify NTFS permission.
- C. Grant Julie Allow-Full Control shared folder permission.
- D. Grant the sales group Allow-Create Files/Append Data NTFS permission.

Answer: B.

Explanation: Julie does not have enough NTFS permission to write to the folder. This is the only Answer: that else in the sales group).

Incorrect Answers:

- A:The shared folder permission is not restricting her because the everyone group has full control.
- C:The shared folder permission is not restricting her because the everyone group has full control.
- D:This is a non existent permission.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lessons 1 & 2

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**QUESTION 36**

You are the desktop administrator for your company's sales department. Susan is a user in the sales department. Susan's Windows XP Professional computer has single hard disk, which is formatted as NTFS.

Susan's computer contains a folder named C:\Files1. The C:\Files1 folder is shared as Files 1. Users in the sales department have permissions to create files in the Files shared folder.

Company policy allows interns to read files, but prohibits interns from creating files in the Files1 shared folder. Company policy allows members of the Sales group and the Marketing group to create files in the Files1 shared folder.

Carlos is an intern. He is a member of the Interns group, the Sales group, and the Marketing group.

Susan reports that Carlos is able to create files in the Files1 shared folder.

You inspect Susan's computer to evaluate the Files1 shared folder. Permissions on Susan's computer are granted as shown in the following table.

	<b>Files1 shared folder</b>	<b>C:\Files1 folder</b>
Interns group	Allow - Read	Allow - Write
Sales global group		Allow - Modify

Everyone group	Allow - Change	
Marketing global group		Allow - Modify

You want to ensure that Carlos cannot create files in the Files1 shared folder. What should you do?

- A. On the Files1 shared folder, remove the Interns group's access.
- B. On the C:\Files1 folder, remove the Interns group's access.
- C. On the C:\Files1 folder, assign the Interns group Deny - Full Control permission.
- D. On the C:\Files1 folder, assign the Interns group Deny - Write permission.

Answer: D

Explanation: The interns group has Change Share permission, as a member of the Everyone group, and Modify NTFS permission, as a member of the Sales group (and the Marketing group). The effective combined remote permissions is there Change. By explicitly denying Denying NTFS Write permission the effective permission would be Read, and Carlos would no longer be able to create files in the Files1 folder.

Incorrect Answers:

A:Removing the Interns shared access to Files1, will not help since the Everyone group has Change share permission to the Files1 folder and the Interns group is a member of the Everyone group.

B:Removing the Interns NTFS Write permission on C:\Files will not help, since Carlos is a member of Sales group (and Marketing group) which as Modify NTFS permissions to C:\Files folder.

C:Denying Full Control will be too restrictive. It would deny Read as well. The interns group would have no access to the C:\Files folder.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 2

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**QUESTION 37**

You are the desktop administrator for Certkiller .com. The company's network consists of a single Windows 2000 domain.

A user named Carmen reports that her Windows XP Professional computer Certkiller 11 is not functioning properly. Upon investigation, you find out that the single hard disk on Certkiller 11 has failed. Carmen replaces the hard disk and performs a clean installation of Windows XP Professional. During the installation, she accepts the default settings.

Carmen now reports that she cannot access files on the server. She receives the following error messages: "Error 5: Access is denied". You need to ensure that Carmen can successfully access network resources. What should you do first?

- A. Instruct Carmen to clear the Use Fast User Switching check box.
- B. Add Carmen's user account to the Power Users group.
- C. Delete Carmen's local profile.
- D. Instruct Carmen to join her computer to the domain.

Answer: D

Explanation: In order to be able to access resources in the domain and on the server in particular, Certkiller 11 must be added to the domain.

Incorrect Answers

A: In Microsoft Windows XP, if you enable the Fast User Switching feature, multiple user accounts can log on to a computer simultaneously. This would address the problem at hand however.

B: The Power Users group only has permissions and rights on the local machine Certkiller 11, not in the domain. In the particular the Power Users group has no permission on the server.

C: The locale profile of Carmen would not prevent her from accessing the network.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 2

Microsoft Knowledge Base Article - Q279765, HOW TO: Use the Fast User Switching Feature in Windows XP

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### QUESTION 38

You are the desktop administrator for Certkiller .com's sales department. Jack King is a user in the sales department.

Tess King's Windows XP Professional computer has a single hard disk, which is formatted as NTFS. Tess stores her data in a folder named C:\Certkiller Files1, which is shared as Certkiller Files1.

Certkiller policy allows members of the Sales group and the Marketing group to add files to the Certkiller Files1 shared folder. A user named Philippe is a member of the Sales group and Marketing group. Jack King reports that Philippe is not able to add files to the Certkiller Files1 shared folder.

While troubleshooting the problem, you discover that the Sales global group has Allow - Read permission for the Certkiller Files1 shared folder, and that the Marketing global group has Allow - Modify permission for the C:\Certkiller Files1 folder.

You need to ensure that users in the Sales group and the Marketing group can add files to the Certkiller Files1 shared folder.

Which two actions should you take? (Each correct answer presents part of the solution. Choose two)

- A. For the Certkiller Files1 shared folder, grant the Everyone group Allow - Full Control permission.
- B. For the Certkiller Files1 shared folder, grant the Marketing global group Allow - Read permission.
- C. For the CertK KingFiles1 shared folder, grant the Sales global group Allow - Change permission.
- D. For the C:\Certkiller Files1 folder, grant the Marketing global group Allow - Read permission.
- E. For the C:\Certkiller Files1 folder, grant the Sales global group Allow - Modify permission.
- F. For the C:\Certkiller Files1 folder, grant the Marketing global group Allow - Write permission.

Answer: C, E

Explanation: Read permission allows the user to see files and subfolders in the folder and view folder ownership, permissions, and attributes (such as Read-Only, Hidden, Archive, and System)

Write permission allows the user to create new files and subfolders within the folder, change folder attributes, and view folder ownership and permissions

Modify permission allows the user to delete the folder plus perform actions permitted by the Write permission and the Read & Execute permission

Full Control permission allows the user to change permissions, take ownership, and delete subfolders and files,

plus perform actions permitted by all other NTFS folder permissions

1. Apply the least restrictive permissions to files and folders and groups
2. Apply the least restrictive permissions to shares.
3. Apply the most restrictive permissions comparing the permissions found in 1 and 2.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 1

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**QUESTION 39**

You are the desktop administrator for Certkiller . Certkiller 's network consists of a single Active Directory domain. All client computers run Windows XP Professional.

Bruno is a user in the graphics department. Bruno creates a new shared folder named GFXTemplates on his computer. The GFXRTemplates folder contains custom templates that are used by various applications. The permissions on the GFXTemplates folder must meet the following requirements:

- \* Users must be able to access the GFXTemplates folder and all files it contains.
- \* Users must be able to add newly created template files to the GFXTemplates folder.
- \* Users must not be able to delete any files in the GFXTemplates folder.

Bruno configures permissions on the GFXTemplates folder as shown in the following table.

Group	NTFS folder permission	Shared folder permission
Everyone	Allow - Read	Allow - Read
Users		Allow - Change

The users in the graphics department report that they cannot add files to the GFXTemplates folder. What should you do to resolve this problem?

- A. Modify the NTFS permissions on the GFXTemplates folder to grant the Everyone group Allow - Modify permission.
- B. Modify the NTFS permissions on the GFXTemplates folder to grant the Users group Allow - Read and Allow - Write permissions.
- C. Modify the shared folder permissions on the GFXTemplates folder to grant the Everyone group Allow - Change permissions.
- D. Modify the shared folder permissions on the GFXTemplates folder to grant the Users group Allow - Read and Allow - Write permissions.

Answer: B

Explanation:

To calculate the effective permissions, you combine the total NTFS permissions and the total share permissions, then take the most restrictive of the two. So in this question, the total NTFS permission is Allow-Read and the total share permission is Allow-Change. Therefore, the effective permissions are Allow-Read. The users need write permission to be able to write files to the folder. The share permission 'Change' includes write permission, so we need to add Write permission to the NTFS permissions for the users

group.

Incorrect Answers:

A:The share permission for the everyone group is read, so the effective permissions would be Allow-Read. Write permission is required.

C:The NTFS permission for the everyone group is read, so the effective permissions would be Allow-Read. Write permission is required.

D:The Users group has no NTFS permission. We need to add Allow-Read and Allow-Write to the NTFS permission for the Users group.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 3

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### QUESTION 40

You are a help desk technician for Certkiller .com. The network consists of a single Active Directory domain. The network includes Windows 2000 Advanced Server computers, and Windows 2000 Professional and Windows XP Professional client computers. Except for the domain controllers, all computers on the network use DHCP for their TCP/IP configuration.

During the business day, the network administrators perform emergency maintenance on a file server named Filesrv1. Filesrv1 is then restarted and experiences no further problems.

Users begin reporting that when they try to access resources on Filesrv1, they receive the following error message: "Network path not found."

You verify that Filesrv1 is functional.

You need to ensure that all users can access Filesrv1. What command should you instruct users to run?

A.Nbtstat -R

B.nbtstat -RR

C.IPconfig /flushdns

D.IPconfig /registerdns

Answer: C.

Explanation: The likely problem in this scenario is that when the file server was restarted, it received a new IP address. When a user connects to a server using a user-friendly name, DNS resolves the user-friendly name to an IP Address that is then used to connect to the server. This name-to-IP address resolution is then stored in cache on the user's computer so that when they attempt to connect to the same server, they do not have to use DNS. The DNS cache on the users' computers has the old IP address for the file server. Thus, when the client attempts to contact the file server it is using the wrong IP address that it has cached. The /flushdns switch of the IPconfig command flushes the list of locally cached DNS names.

Incorrect Answers:

A:Nbtstat -R command are WINS command that is used to flush the NetBIOS name-to-IP Address cache. In a Windows 2000/XP environment, we do not use NetBIOS names but host names which requires a DNS server rather than WINS server. The Nbtstat command would thus be inappropriate.

B:Nbtstat commands are used to resolve NetBIOS name resolution problems and are related to WINS servers. In a Windows 2000/XP environment, we would be using DNS servers rather than WINS servers for name resolution purposes.

D:The IPconfig/registerdns command will register the users' addresses in DNS. This will not flush the DNS

cache on the users' computer and thus will not resolve the problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lessons 1 & 2

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**QUESTION 41**

You are the administrator of 25 Windows XP Professional computers. The computers are members of a Windows 2000 domain. Domain users of the Windows XP Professional computers use roaming profiles. For the network resources that the users connect to on Certkiller 1, the default logon credentials are not sufficient to gain access. When users are prompted for alternate credentials, they are allowed to select the Remember my password checkbox.

A user named Katrin reports that she connected to Certkiller 1 an hour ago and was prompted for alternate credentials. She typed a user name and password, and she cleared the Remember my password check box. She was able to connect to Certkiller 1. However, she intended to connect to Certkiller 1 with a different set of credentials. Now when she connects to Certkiller 1, she is not prompted to provide credentials. But she connects by using the credentials she provided earlier.

You want to ensure that Katrin is prompted again for alternate credentials when she connects to Certkiller 1. What should you do?

- A. Instruct Katrin to use the Net use \\ Certkiller 1 /delete command.
- B. Instruct Katrin to use the Net session \\ Certkiller 1 /delete command.
- C. Instruct Katrin to open the Stored User Names and Passwords dialog box and to remove the entry for Certkiller 1.
- D. On Certkiller 1, use Computer Management to disconnect all sessions from Katrins computer.

Answer: B

Explanation: The first session is still active. We must delete so that she can use new credentials.

The Net session \\ Certkiller 1 /delete commands ends the computer's session with Certkiller 1 and closes all open files on the computer for the session.

Incorrect Answers

A:The net use \\ Certkiller 1 /delete command only cancels a single connection. The session and the credentials already supplied would still be used for new connections.

C:Passwords are not stored. She cleared the Remember my password check box already.

D:It is possible to use the Computer Management console to disconnect sessions. However, it would be safer to close the session from the client. If a session is closed from Certkiller 1 Katrin might lose data that is contained in open files that are disconnected.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lessons 1 & 2

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**QUESTION 42**

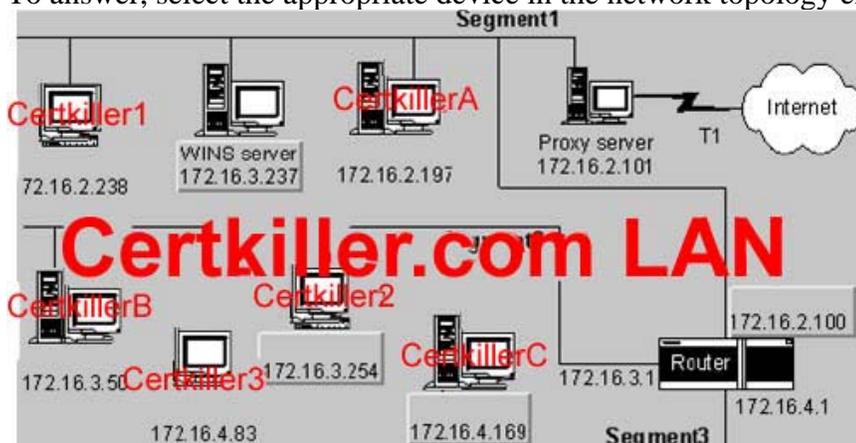
You are the network administrator for Certkiller .com's Windows network.

All computers and routers at Certkiller .com use a 24-bit subnet mask. You install Windows XP on a computer named Certkiller 2. After the installation you attempt to connect to a shared resource on

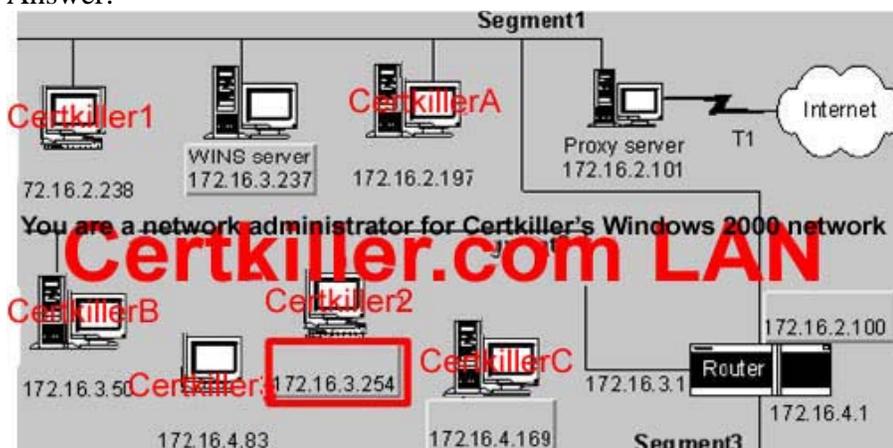
Certkiller C. You are unable to connect to Certkiller 3. However, you are able to connect to Certkiller B. Further investigation reveals that client Certkiller 3 is able to connect to Certkiller B. You use the ping command from Certkiller 2 to attempt to contact Certkiller C. The command returns the message shown in the exhibit.



You want Certkiller 2 to be able to connect to Certkiller 3. To answer, select the appropriate device in the network topology exhibit that requires corrective action.



Answer:



Explanation:

All evidence points to a local configuration problem on Certkiller 2, such as an incorrect default gateway setting.

This is illustrated by the fact that Certkiller 2 can connect to resources on the local subnet, but not resources on remote subnets.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 398-399

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**QUESTION 43**

You are the desktop administrator for Certkiller .com's sales department. Certkiller .com's network consists of a single domain.

Carlos is a user in the sales department. Carlos uses a client computer named Certkiller 1. Certkiller 1 runs Windows XP Professional and is a member of the domain.

Carlos attempts to create a new shared folder named Files1 on Certkiller 1 so that other users in the sales department can save documents in the shared folder. However, Carlos reports that he is unable to create a new shared folder by using Windows Explorer or by using the command line.

You want to grant Carlos the minimal rights required to create shared folders. What should you do?

- A. Add Carlos user account to the Power Users group on Certkiller 1.
- B. Add Carlos user account to the Administrators group on Certkiller 1.
- C. Add Carlos user account to the Network Configuration Operators group on Certkiller 1.
- D. Grant Carlos user account by Bypass traverse checking user right.

Answer: A

Explanation: As a member of the Power Users group Carlos would have adequate permissions and rights.

Incorrect Answers

B: This would give Carlos too much permissions and rights.

C: There is no group called Network Configuration Operators in Windows.

D: The Bypass traverse checking permission would enable him to browse through folders. It would not permit him to create and share folders.

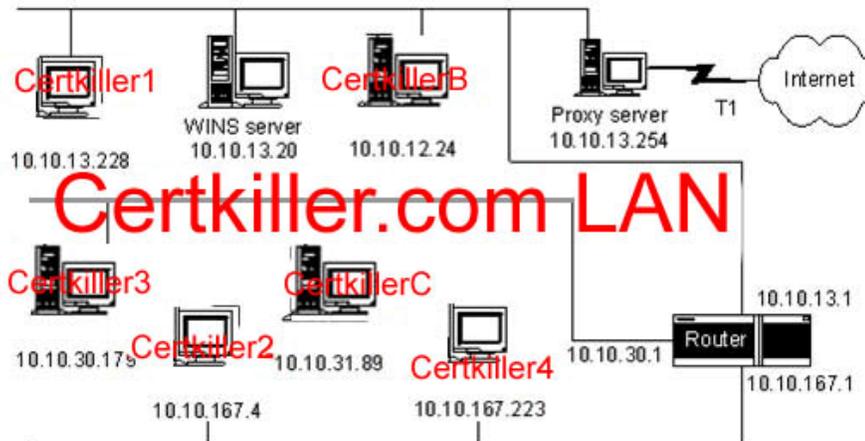
Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 15, Lessons 1 & 2

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**QUESTION 44**

Exhibit, Network Topology



Exhibit, Command Prompt

```

C:\WINNT\System32\cmd.exe
C:\>ipconfig /all
Windows 2000 IP Configuration

Host Name . . . . . : CLIENT2
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . :

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . . :
Description . . . . . : Compaq Integrated NetFlex
Physical Address. . . . . : 00-08-C7-C3-13-C4
Dhcp Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IP Address. . . . . : 10.10.167.4
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 10.10.167.1
Dhcp Server . . . . . : 10.10.13.20
Primary WINS Server . . . . . : 10.10.13.20
Secondary WINS Server . . . . . : 10.10.13.20

```

You are the network administrator for Certkiller .com's Windows network.

You install Windows XP on a computer named Certkiller 2. The computer is configured to have a TCP/IP address of 10.10.167.4 and a default gateway of 10.10.167.1. The network is configured as shown in the Network Topology exhibit. Each segment is configured as a Class C subnet. You want to connect to a shared folder on Certkiller C. When you attempt to connect to the shared folder, you receive the following error message:

The network location could not be reached.

You run the ipconfig and review the configuration as shown in the command prompt exhibit.

You want to allow Certkiller 2 to connect to Certkiller C.

What should you do?

- Change the IP address on Certkiller C.
- Place Certkiller 2 on the same segment as the WINS server.
- Configure Certkiller 2 to use a default gateway of 10.10.13.1.
- Configure Certkiller 2 to use a DNS server address of 10.10.13.20.
- Place a computer running the WINS proxy service on the same segment as Certkiller 2.

Answer: A

Explanation: Class C subnets are used on each segment which means that 24-bit network masks are used. Taking this into account we see that the IP address of Certkiller C is not in the same subnet as the router's address in this segment (the third octet on Certkiller C is 31, but third octet on the router interface is 30). We need to change the IP address on Certkiller C accordingly.

Incorrect Answers:

B: Certkiller 2 does not need to be on the same subnet as the WINS server. Certkiller 2 is correctly configured with the address of the WINS server.

C: The default gateway address on Certkiller 2 is correct and so does not need to be changed.

D:

to configure a DNS server address on Certkiller 2.

E: You do not need a WINS proxy in a Windows network. A WINS proxy is used to enable non-Windows clients (UNIX etc) to use a WINS server.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 398

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### QUESTION 45

You are the desktop administrator for Certkiller .com. An employee named Bruno uses IIS to develop a Web application on his Windows XP Professional computer.

Bruno creates a new Web page named Private.htm for the Web application. He saves the Web page in the C:\inetpub\wwwroot folder on his computer. Private.htm should be accessible only to users who provide a valid user name and password.

Other pages in the Web site should be accessible to anyone.

Using his Web browser, Bruno can access Private.htm without providing a user name or password. The directory security on the Web site is configured as shown in the exhibit.



You need to ensure that users are required to provide a valid user name and password in order to access Private.htm. What should you do?

- A. Clear the Anonymous access check box in the Web site properties.
- B. Select the Basic authentication check box in the Web site properties.
- C. Modify the Web site properties to enable the session state. Rename Private.htm to Private.asp.
- D. Modify the security permissions on private.htm to list the users who are authorized to access the file.

Answer: D.

Explanation

: By using permissions we will prevent unauthorized people from access the Web site. Permissions rely on and Access Control List (ACL), which contains a list of all user accounts and groups that have been granted access to the Web site as well as the type of access that they have been granted. When a user attempts to gain access to the resource, the ACL must contain an entry for the user account or a group to which the user belongs. The entry must allow the type of access that is requested by the user before that user can gain access to the resource. If the access control entry does not exist or the entry does not match the type of access the user requests, the user will not be granted access to the resource. We must allow anyone access the Web site. The only exception is the private.htm file that should be accessible only to users who provide a valid user name and password. We accomplish this by setting the appropriate NTFS permissions, the security permission, on the file private.htm. In this scenario the anonymous access check box on the Web site properties dialog box is selected. This permits people to access the Web site anonymously without any form of authentication.

Incorrect Answers:

A:There is a requirement that all users should be able to access the Web site. We cannot disallow Anonymous access since this would prevent non-authenticated users from accessing the Web site.

B:There is no need to switch to Basic Authentication. We already have selected Integrated Windows Authentication. Authenticated users will automatically be authenticated. Basic authentication would require the users to provide a user name and password whenever they need to use their ACLs to get access to certain files and folders.

C:Session state data is holds information about a user that you want to track when that user visits to your Web site. It is not related to authentication and is thus inappropriate to this problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 2

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**QUESTION 46**

You are the desktop administrator for Certkiller .com. Maria is one of your company's software developers. Her client computer runs Windows XP Professional and Internet Information services. Her computer is configured with the values shown in the following table:

Setting	Configured value
Computer name	MKP01
IP addresses	172.24.67.45 172.24.67.46

Other than these settings, Maria's computer uses the default configuration values.

The default Web site on Maria's computer contains a static HTML page. Maria adds a new virtual Web site named Web2 to her computer. She installs a new Web application in Web2. However, when she types http://MKP01 in the address bar of her Web browser, the browser displays the HTML page from the default Web site.

You need to ensure that Maria can use her Web browser to access the application in Web2. What should you do?

- A. Instruct Maria to access the Web application by typing http://Web2 in the address bar of her Web browser.
- B. Instruct Maria to access the Web application by typing http://172.24.67.45 in the address bar of her Web browser.
- C. Configure the Web2 virtual web site to use the host header name Web2. Instruct Maria to access the Web application by typing http://MKP01/Web2.
- D. Configure the Web2 virtual web site to use the IP address 172.24.67.46. Instruct Maria to access the Web application by typing http://172.24.67.46 in the address bar of her Web browser.

Answer: D.

Explanation: In Windows XP Professional, the default Web site uses the name default.html. When a user default.html or index.html in the root of that server. In this scenario that server name is MKP01.

Therefore when Maria types http://MKP01, default.html is loaded. By configuring the Web site to use the IP address 172.24.67.46 the Web site could be accessed by the URL http://172.24.67.46.

Incorrect Answers:

A: We need to specify the server name and the site name in the URL. We cannot specify only the site name as the Web browser will search for a server by that name.

B: We could assign one of these IP addresses to the virtual site and use that IP address to access the site. The Virtual Web site must be with the IP address first though.

C: When you configure host headers you must register the host header name with the appropriate name resolution system. This has not been done.

If host headers were set up correctly the site would be accessed by http:// Web2 not //MKP01/Web2.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 3

Microsoft Knowledge Base Article (Q190008): HOW TO: Use Host Header Names to Host Multiple Sites from One IP Address

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**QUESTION 47**

You are the desktop administrator for Certkiller .com. You set up a new Windows XP Professional computer at home. The computer is always connected to the Internet via an ADSL modem.

You enable the Internet Connection Firewall on the ADSL connection. After several days, you notice that the computer is running slower than normal.

You examine the Internet Connection Firewall on your home computer. A portion of the log file is shown here.

```
2001-10-2515:28:36 CLOSE TCP 172.30.23.1 172.30.23.103 3738 80 - - - - -
```

```
2001-10-2515:28:36 CLOSE TCP 172.30.23.104 172.30.23.103 1076 80- - - - -
```

```
2001-10-2515:28:53OPEN-INBOUND TCP 172.30.23.104 172.30.23.103 1077 80 - - - - -
```

You want to prevent the activity shown in the log. How should you configure the Internet Connection Firewall?

- A. Clear the Telnet Server check box on the Services tab.

- B. Clear the Allow incoming echo requests on the ICMP tab.
- C. Clear the Web server (HTTP) check box on the Services tab.
- D. Clear the Internet Mail Server (SMTP) check box on the Services tab.
- E. Clear the Log successful connections checkbox on the Security Logging tab.

Answer: C.

Explanation: The fields in the log file seen above are: date time action protocol src-ip dst-ip src-port  
We see that the protocol is TCP and source port is 80. The logged traffic is traffic involving a local Web Server.  
We simply disable the Web server (HTTP) service to avoid this kind of traffic. A firewall is a security system that acts as a protective boundary between a network and the outside world. Windows XP includes Internet Connection Firewall (ICF) software you can use to restrict what information is communicated between the Internet and your home or small office network.

Incorrect Answers:

- A:Telnet uses TCP port 23, not TCP port 80.
- B:ICMP does not use TCP port 80.
- D:SMTP use TCP port 25, not TCP port 80.
- E:We want to disable traffic not to disable logging.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 3

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### **QUESTION 48**

You are the desktop administrator for Certkiller .com. Your company's software developers use Windows XP Professional and IIS on their client computers to develop Web-based applications.

One of the developers reports that he can no longer access the Web-based application on his desktop by using his Web browser. When you attempt to access the application by using your Web browser, you receive the following error message, "Cannot find server or DNS Error."

You verify that the World Wide Web Publishing Service is started on the developer's computer. You also verify that you are using the correct URL to access the developer's computer by using your Web browser.

You need to ensure that the developer can access the Web application by using his Web browser. How should you configure the developer's computer?

- A. Start the default Web site.
- B. Start the IIS Admin Service.
- C. Run the IPconfig /registerdnscommand.
- D. In the default Web site properties, disable the host header setting.

Answer: A.

Explanation: In this scenario the Web site needs to be started as well as the WWW service.

Incorrect Answers:

- B:This will not affect a user's ability to connect to the Web site.
- C:This will register the IP address of the computer with DNS. This will not affect a user's ability to connect to the Web site.

D: The question says the correct URL is being used, so the host header should not be disabled.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 2

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**QUESTION 49**

You administer the default Web site, which contains a page that lists the Web development projects in progress. The Web page also contains links to each of the virtual directories that are hosted on the Web server. You use Microsoft FrontPage to manage the default Web site. Users in the Web development department control the permissions on their own NTFS folders and virtual directories.

Occasionally, users report that the permissions on their folders and virtual directories are reset to the default values. You investigate and discover that this occurs whenever you update the default Web site. What should you do to resolve this problem?

- A. In the default Web site's properties, on the Server Extensions tab, select the Manage permissions manually check box.
- B. Change the NTFS permissions on the default Web site to only Allow - Read and Allow - Write.
- C. Change the IIS permissions on the default Web site to only Read.
- D. In the properties for each virtual directory, set the Execute Permissions option to Scripts only.

Answer: A

Explanation: If you use FrontPage to manage permissions, it will change any custom permissions you set by resetting the ACLs. If we want to use specific permissions to files and folders we must use the Manage permissions manually option.

Incorrect Answers

B, C, D: As we want to set permissions to file and folders we must use the Manage permissions manually option.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 3

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**QUESTION 50**

You are the manager of Certkiller 's Web development department. Certkiller 's network consists of a single Active Directory domain. All client computers run Windows XP Professional.

You install Internet Information Services (IIS) on a Windows XP Professional computer. Users in your department use the computer as a test Web server for new content that they develop. You are a member of the Administrators group on the computer, and you use Remote Desktop to perform routine administrative tasks.

Several of the virtual directories on the Web server contain confidential company data. You assign NTFS and IIS permissions to the folders and files on the Web server, the default Web site, and the virtual directories, as shown in the following table.

NTFS folder	Permission	User or group	IIS folder or virtual directory	IIS permission

C:\Inetpub\Wwwroot	Allow - modify	Administrators	Default Web site	Read and Write
C:\InetPub\Web\Tsweb	Allow - modify	Administrators	Tsweb	Read

You administer the default Web site, which contains a page that lists the Web development projects in progress. The Web page also contains links to each of the virtual directories that are hosted on the Web server. You use Microsoft FrontPage to manage the default Web site. Users in the Web development department control the permissions on their own NTFS folders and virtual directories.

Occasionally, users report that the permissions on their folders and virtual directories are reset to the default values. You investigate and discover that this occurs whenever you update the default Web site. What should you do to resolve this problem?

- A. In the default Web site's properties, on the Server Extensions tab, select the Manage permissions manually check box.
- B. Change the NTFS permission on the default Web site to only Allow - Read and Allow - Write.
- C. Change the IIS permissions on the default Web site to only Read.
- D. In the properties for each virtual directory, set the Execute Permissions option to Scripts only.

Answer: A

Explanation: The Read permission allows the user to see files and subfolders in the folder and view folder ownership, permissions, and attributes (such as Read-Only, Hidden, Archive, and System). The Write permission allows the user to create new files and subfolders within the folder, change folder attributes, and view folder ownership and permissions

If you use FrontPage to manage permissions, it will change any custom permissions you set by resetting the ACLs. If we want to use specific permissions to files and folders we must use the Manage permissions manually option.

Incorrect Answers

B, C, D:As we want to set permissions to file and folders we must use the Manage permissions manually option.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 8, Lesson 1 & Chapter 9, Lesson 3

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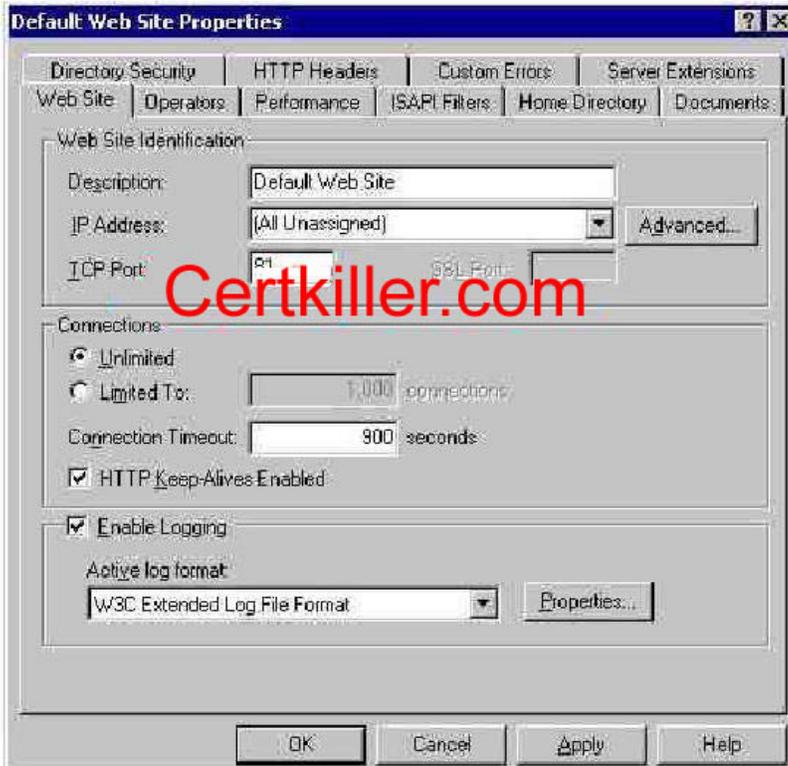
**QUESTION 51**

You are the desktop administrator for Certkiller .com. Doug is a user in the accounting department. Doug reports that he cannot access an intranet Web server by using Internet Explorer on his Windows XP Professional computer.

The Web server that Doug is attempting to access is named team. Certkiller .com. When Doug attempts to access the Web server by using the URL http://team. Certkiller .com, Internet Explorer displays the

following error message: "DNS error or server not found."

You examine the Web site properties on the Web server. The server's Default Web Site Properties dialog box is shown in the exhibit.



You need to ensure that Doug can access the Web server by using Internet Explorer on his computer. Which URL should you instruct Doug to use?

- A. `http://team. Certkiller .com:Keep-Alive`
- B. `http://team. Certkiller .com:81`
- C. `http://team. Certkiller .com/default.asp`
- D. `http://unassigned. Certkiller .com/team`

Answer: B

Explanation: The exhibit shows that the web site is configured to use port 81. HTTP uses port 80 by default. Therefore, Doug will need to specify port 81 in the URL. To access `http://team. Certkiller .com` over port 81, the

URL should be `http://team. Certkiller .com:81`.

Incorrect Answers:

A: Doug cannot access the web site because the port number has been changed to port 81. The URL in this answer is invalid.

C: You would only need to specify `/default.asp` if the default page isn't set in the web site properties. That is not the problem here.

D: This URL is look for a virtual directory named `/team` in a website named `unassigned. Certkiller .com`. This will not solve the problem here.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 3

## QUESTION 52

Exhibit:



You are the desktop administrator for Certkiller .com. Certkiller .com's network consists of a single Active Directory named Certkiller .com. All client computers run Windows XP Professional. Doug is a user in the accounting department. Doug reports that he cannot access an intranet Web Server by using Internet Explorer on his Windows XP Professional computer.

The Web server that Doug is attempting to access is named crew. Certkiller .com. When Doug attempts to access the Web server by using the URL `http://crew. Certkiller .com`, Internet Explorer displays the following error message:

"DNS error or server not found."

You examine the Web site properties on the Web server. The server's Default Web Site Properties dialog box is shown in the exhibit.

You need to ensure that Doug can access the Web server by using Internet Explorer on his computer. Which URL should you instruct Doug to use?

- A. `http://crew. Certkiller .com:Keep-Alive`
- B. `http://crew. Certkiller .com:81`
- C. `http://crew. Certkiller .com/default.asp`
- D. `http://unassigned. Certkiller .com/crew`

Answer: B

Explanation: The exhibit shows that the web site is configured to use port 81. Internet Explorer will try to connect on port 80 by default which is why the connection attempt was unsuccessful. To connect to the website, Doug will need to specify the port number in the URL. In this case, the URL would be `http://crew. Certkiller .com:81`.

Incorrect Answers:

A: This is an invalid URL.

C: This would attempt to connect to a web page named default.asp on port 80 in a web site named crew. Certkiller .com.

D: This would attempt to connect to a virtual directory named 'crew' in a web site named unassigned. Certkiller .com.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 9, Lesson 3

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### **QUESTION 53**

You and Stephan are the desktop administrators for Certkiller .com. You install a printer on your Windows XP Professional computer. You share this printer on the company network.

You want to ensure that only members of the DTAdmins local group can use this printer, and that only you and Stephan can manage the printer and all print jobs.

You also want to ensure that members of the DTAdmins local group can manage only their own print jobs.

How should you configure security on this printer?

A. Grant Allow-Print permission to the DTAdmins group.

Grant Allow-Manage Documents permission to your user account and to Stephan's user account.

B. Grant Allow-Print permission to the DTAdmins group.

Grant Allow-Manage Documents and Allow-Manage Printers permissions to your user account and to Stephan's user account.

C. Grant Allow-Manage Documents permission to the DTAdmins group.

Grant Allow-Manage Printers permission to your user account and to Stephan's user account.

D. Grant Allow-Print permission to the DTAdmins group.

Remove Allow-Manage Documents permission from the Creator Owner group.

Grant Allow-Manage Printers permission to your user account and to Stephan's user account.

Answer: B.

Explanation: By default, anyone with Allow-Print permission can manage their own print jobs. This is because anyone who sends a print job is placed in the Creator Owner group. The creator owner of a document can manage it. To manage other people's documents we need Allow Manage Documents permission. To manage the printer we need Allow Manage Printer permissions

Incorrect Answers:

A: This does not give you the permission to manage the printer.

C: This will allow members of the DTA group to manage any document.

D: This will prevent members of the DTA group from managing their own documents.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 7, Lesson 1

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### **QUESTION 54**

You are the desktop administrator of your company's network. You install a print device on a Windows XP

Professional computer. This print device should be used only by the desktop administration staff and by managers. You share the printer on the network as DTA-Print and assign Allow-Print permissions to the DTA-S group, which includes staff members' computers

Later, the managers report that they must wait a long time for their jobs to print. You discover that the desktop administration staff generates many problematic print jobs. As a result, the managers' print jobs must wait a long time in the print queue.

You need to ensure that the managers' print jobs print as quickly as possible while minimizing hardware costs. What should you do?

- A. Install a second printer for the same print device on the Windows XP Professional computer. Share this printer as DTA-Manager and grant Allow-Print permission to the DTA-Microsoft group only. Configure a priority setting of 1 on DTA-Print. Configure a priority setting of 99 on DTA-Manager.
- B. Install a second printer for the same print device on the Windows XP Professional computer. Share this printer as DTA-Manager and grant Allow-Print permission to the DTA-Microsoft group only. Configure a priority setting of 99 on DTA-Print. Configure a priority setting of 1 on DTA-Manager.
- C. Connect a second print device to the Windows XP Professional computer. Create a printer pool from the first defined printer. Configure a priority setting of 1 on the printer pool. Grant Allow-Manage Documents permission to DTA-Microsoft group.
- D. Connect a second print device to the Windows XP Professional computer. Create a printer pool from the first defined printer. Configure a priority setting of 99 on the printer pool. Grant Allow-Manage Documents permission to DTA-Microsoft group.

Answer: A.

Explanation: Any print jobs sent to the printer with the higher priority will be printed first. 99 is the highest priority and 1 is the lowest. We only want the managers to be able to use the higher priority printer so set the permissions accordingly.

Incorrect Answers:

B: The management printer must have the higher priority. 1 is the lowest priority.

C: There is no need for a second print device. Furthermore, this configuration will not ensure the managers print jobs print first.

D: There is no need for a second print device. Furthermore, this configuration will not ensure the managers print jobs print first.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 7, Lesson 1

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## **QUESTION 55**

You are the desktop administrator for Certkiller .com. You install a new printer on your Windows XP Professional computer. You share this printer with several users in your department.

When you attempt to print to this printer, the output is several pages of unreadable characters. Other users report similar results.

You need to ensure that the appropriate users can successfully print to this printer. What should you do?

- A. Configure the printer to print directly to the print device. Instruct the other users to make the same

configuration.

- B. Configure the printer to use the WinPrint print processor and to use RAW as the default data type.
- C. Configure the printer to hold mismatched documents. Disable the advanced printing features.
- D. Run the AddPrinter Driver Wizard to install the correct printer driver on your computer. Instruct the other users to disconnect and then reconnect to your shared printer.

Answer: D.

Explanation: Unreadable text usually indicates an incorrect printer driver. We need to install the correct driver. The users will need to disconnect and reconnect to download the new driver.

Incorrect Answers:

- A: This will not make any difference with an incorrect driver.
- B: This is the default setting so it does not need to be configured.
- C: This will not make any difference with an incorrect driver.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 2

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### **QUESTION 56**

You are a help desk technician for your company, which includes a main office and one branch office. All employees in the main office have Windows XP Professional computers. All employees in the branch office have Microsoft Windows NT Workstation 4.0.

Users in the branch office require access to a network printer shared on a Windows XP Professional computer in the main office. Branch office users access this printer by using their Web browser software. These users cannot install the printer on their own computers.

Branch offices users now report that they are prompted to insert a manufacturer' disk whenever they try to access the printer by connecting to the company intranet Web site. Users in the main office do not report any problems using the printer.

You need to make the printer accessible to the branch office users. What should you do?

- A. Enable the Basic authentication method on the Printers intranet site.
- B. Enable support for ActiveX control on the branch office computers.
- C. Configure the browsers on the branch office computers to support automatic logon.
- D. Disable the Advanced printing features on the Windows XP Professional print server.
- E. Install the Windows NT Workstation 4.0 printer drivers on the Windows XP Professional print server.

Answer: E.

Explanation: We need to install the Windows NT drivers on the print server so that the drivers are downloaded to the Windows NT clients when they connect to the shared printer.

Incorrect Answers:

- A: The client machines are prompting for a driver disk. This suggests that the clients are successfully connecting to the print server.
- B: ActiveX controls are not used for printing.
- C: The client machines are prompting for a driver disk. This suggests that the clients are successfully connecting to the print server.

D:There is no need to disable advanced printing features

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 2

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**QUESTION 57**

You are the desktop administrator for Certkiller . You connect a print device to a Windows XP Professional computer for the users in the help desk department. You share the printer on the network as HDPrint. You grant the HDUsers and HDManagers groups Allow - Print permissions on HDPrint.

Several users in the HDUsers group report that it often takes several minutes for their print jobs to print after they are submitted. You investigate and discover that under normal use, the print queue length often exceeds 50 print jobs.

You want to improve printing performance for the users in the HDUsers group.

What should you do?

- A. Install a second printer that uses the same print device. Share the second printer as HDPrint2. Configure a priority setting of 99 on HDPrint1.
- B. Increase the print job priority settings to 99 for all print jobs that are submitted by the users in the HDUsers group.
- C. Connect a second, identical print device to the Windows XP Professional computer. In the properties for HDPrint, select the Enable printer pooling check box.
- D. In the printer properties for HDPrint, select the Print directory to the printer option and clear the Enable advanced printing features check box.

Answer: C

Explanation:

The single print device is struggling to keep up with the number of print jobs. Therefore, we need to create a printer pool. The printers in a printer pool must be identical (at least they need to be able to use the same printer driver).By connecting one logical printer to multiple print devices through multiple ports on the print server, the printing pool appears to users as a single printer. When a user prints a document to the printing pool, the document is printed on the first available printer in the pool. Users are not required to know which printer is available. The logical printer checks for an available port and then sends documents to ports in the order in which they were added.

Incorrect Answers:

A:With this solution, print jobs sent to HDPrint2 will print before print jobs sent to HDPrint. However, this will not improve the overall printing performance. The problem is the number of print jobs being sent to the single print device. We can alleviate the problem by adding another print device.

B:This will have no effect on the print jobs. The print jobs will still have the same priority as every other print job and so will not print any quicker.

D:This option will not make the print jobs print any faster. It just means that the print jobs will join the print queue slightly quicker.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 2

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**QUESTION 58**

Your Windows XP Professional computer has a removable disk device installed. The device can use storage modules of varying sizes. You use these storage modules to transfer graphics files between your location and a printing company. The printing company uses Windows NT 4.0 service pack 3.

You insert a new 20 MB disk device into your computer. When you attempt to format it as FAT32 with the default options, you receive the following error message "Windows was unable to complete the format."

You need to format the device so that you can use it to send a large graphic file to the printing company. How should you format the device?

- A. As FAT 16 with a 4-KB cluster size.
- B. As FAT 32 with a 1-KB cluster size.
- C. As FAT 32 with a 4-KB cluster size.
- D. As NTFS with a 4-KB cluster size.

Answer: A

Explanation: FAT16 and NTFS 4.0 are the only file formats supported by Windows NT 4.0 Service Pack 3.

Incorrect answers:

B:FAT32 cannot be used in Windows NT 4.0 Service Pack 3.

C:FAT32 cannot be used in Windows NT 4.0 Service Pack 3.

D:NTFS with a 4 KB cluster size was first supported in NTFS 5, which is used by Windows XP. Windows NT 4.0 needs at least Service Pack 4 to be able to use NTFS 5.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 1

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**QUESTION 59**

You are the desktop administrator for Certkiller .com. You upgrade all computers in the company from Windows 98 to Windows XP Professional.

Andrew, a user in the graphics department, works with very large graphics and desktop publishing files. He wants to be able to save his files in a folder named GFX on drive C of his computer. However, Andrew does not have enough free space on the drive.

You install a new hard disk on Andrew's computer and create an NTFS volume named NewVolume. You attempt to mount NewVolume to the GFX folder. However, the option to mount the volume to a folder is unavailable.

You need to be able to mount the volume to the GFX folder. Which command should you run on Andrew's computer?

- A. Convert c:/fs:ntfs
- B. Convert c:/V/NoSecurity
- C. Fsutil objected create NewVolume c:\GFX
- D.Fsutil hardlink create c:\GFXNewVolume

Answer: A.

Explanation: Mounted volumes are only available on NTFS drives. The system was upgraded from Windows 98 so the file system will be FAT32. This command will convert the drive to NTFS while keeping the file structure in tact.

Incorrect Answers:

B:Windows XP only allows us to convert file systems (fs) to NTFS.

C:This command is incorrect.

D:This command is incorrect.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 1

### QUESTION 60

You are a help desk technician for Certkiller .com. All users have computers that run Windows XP Professional. Users in the software development department use computers that have a dual-boot configuration. These computers have both Windows XP Professional and Windows 98 installed. The hard disks on these computers are configured as shown in the table.

Physical disk	Drive letter	File system	Volume type
0	C	FAT 32	Windows 98 Boot
0	D	FAT 32	Windows XP Professional system and Boot
1	E	FAT32	Data

A software developer converts drives D and E on his computer to NTFS. He inadvertently runs Convert.exe on drive C. He is now worried that he will no longer be able to start Windows 98 after his computer restarts.

You need to stop the user's conversion process so that he can continue to access Windows 98. What should you do?

- A. Run the Fsutil behavior set disabledlastaccess 1 command on the computer before restarting the computer.
- B. Configure the Read-only and system attributes on the root of drive C before restarting the computer.
- C. Restart the computer in the Recovery console. Run the Fixmbr command and then the Fixboot command
- D. Delete the Autocheck autoconv\??\c:/fs:ntfsstring from the BootExecute value in HKEY\_LOCAL\_MACHINE\_SYSTEM\CurrentControlSet\Control\SessionManager

Answer: D.

Explanation: When we run the convert.exe utility, the registry key is modified so that the process will continue at the next reboot.

Incorrect Answers:

A:Fsutil is a file system command line tool. The "fsutil behavior set disablelastaccess 1" command would disable NTFS Last Access Update. File system performance would be increased somewhat and not much else is lost by this action. However it would not prevent the file system from being converted to NTFS on next reboot.

B:Changing these attributes will not stop the pending file system conversion.

C:These will rewrite the first two sectors of the hard disk. These will not affect the file conversion.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 2, Lesson 1

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**QUESTION 61**

You are the desktop administrator for Certkiller .com. The network consists of a single Active Directory domain. All users have Windows XP Professional computers, and all users store their data on file servers. No company or user data is stored locally on client computers.

Users from the sales department have portable computers. When these users travel, they must be able to use company data files even when they are not connected to the network.

Caching of offline files is enabled on all shared folders on the file servers. Offline files are configured on all computers used by employees of the sales department. Additionally, these users select several folders to be made available offline.

However, sales department users report that when they are out of the office, the offline files are not available to them. You need to ensure that the offline files are available to the sales users, even when they are not connected to the network.

What should you do?

- A. Grant the sales users Allow-Full Control permission on the shared folders.
- B. Change the caching options for the shared folder to allow automatic caching of documents.
- C. Add the servers containing the sales department files to the Exception list on the offline files configuration.
- D. In the Advanced properties for Offline Files, select the Notify me and begin working offline check box on each of the sales department client computer.

Answer: D.

Explanation:

The portable clients must be configured to begin to work offline when they are disconnected from the network. To configure this we must open Control Panel on the client computers and then open Folder Options. On the Offline Files tab, click Advanced and under When a network connection is lost, select Notify me and begin working offline. This is the preferred option for portable notebook systems and it specifies that you can continue working offline if you lose your connection to a computer or the network. Any network files will continue to be available to you.

Incorrect Answers:

A: This is an Off-line configuration problem, not a NTFS permission problem.

B: We do not want or need automatic caching on all clients. We just want the Sales users to be able to work offline.

C: There might be other users to these servers. There is not Exception list on the offline files configuration.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 15, Lesson 4

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**QUESTION 62**

You are a help desk administrator for Certkiller .com. Eric, an employee in the marketing department, uses a

Windows XP Professional computer.

Eric often works with a file named Plan.xls, which is stored in a folder named \\MktFiles\Plans. Initially, he can work with the file when he is out of the office and offline, without copying it to his local hard disk. However, Eric now reports that he can no longer open the file when he is out of the office.

You need to ensure that Eric can always access Plan.Xis when he is out of office and offline. What should you do?

- A. Instruct Eric to increase the amount of hard disk space used for offline files on his computer.
- B. Instruct Eric to right-click the \\MktFiles\Plans\Plan.xls file and select Make available offline from the context menu.
- C. Instruct Eric to open Windows explorer, select Folder Options from the Tools menu, and select the Enable offline files check box on the Offline Files tab.
- D. Instruct Eric to open Windows Explorer, select Folder Options from the Tools menu, and select the Synchronize all offline files before logging off check box on the Offline Files tab.

Answer: A.

Explanation: Eric used to be able to work with the Plan.xls offline. He cannot use offline any longer. Apparently the amount of disk space available for offline folders has been exceeded. We should increase the size of the offline disk cache.

Incorrect Answers:

B: The file used to be available out of office so it is already configured for offline access. We don't have to make it available for offline access.

C: This is the general offline configuration. It must already have been enabled since the file plan.Xis was available offline before.

D: The file will not be synchronized since the amount of disk space available for offline folders has been exceeded.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 15, Lesson 4

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### **QUESTION 63**

You are a help desk technician for Certkiller .com. An employee named Anne is using her Windows XP Professional portable computer to work with a file named MarketingPlan.doc, which is located in a folder named \\Mfiles01\Plans.

Anne needs to make the file available on her portable computer, when she is out of the office. You verify that she has permission to make the file available offline. However, when Anne Right-clicks the file, the menu option labeled Make available offline is not visible.

You need to ensure that Anne can make the file available offline. What should you do?

- A. Instruct Anne to map a network drive to the \\Mfiles\Plans folder.
- B. Instruct Anne to move the MarketingPlan.doc file from the \\Mfiles01\Plans folder to a shared folder that is formatted as NTFS.
- C. Ask a network administrator to modify the permissions on the MarketingPlan.doc file to grant Anne Allow-Read & Execute permission.
- D. Ask a network administrator to open the properties of the Plans shared folder and ensure that the Allow

caching of files in this shared folder check box is selected.

Answer: D.

Explanation: Enabling offline files is a two step process. First, it must be enabled on the shared files by allowing the caching of the files. Only when this is done will Anne be able to make the files available to her offline.

Incorrect Answers:

A: There is no need to map a drive to the folder.

B: We do not require NTFS to enable offline files.

C: These permissions affect her ability to enable the files to be available offline.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 15, Lesson 4

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**QUESTION 64**

You are the desktop administrator for your company's sales department. Susan is a user in the sales department. Susan uses a desktop computer named Desktop1 and a portable computer named Portable1. Both computers run Windows XP Professional.

Desktop1 contains a shared folder named Sales. When she uses Portable1, Susan browses in My Network Places to connect to the Sales folder on Desktop1.

Susan is able to access all of the files in the Sales folder by using Portable1 when she is in the office.

However, she reports that she is not able to access all of the files in the Sales folder when she uses Portable1 when she travels.

You need to ensure that Susan can access all of the files in the Sales folder by using Portable1 when she is not connected to the network.

What should you do?

A. On Desktop1, set the caching of the Sales folder to Manual caching of documents.

On Portable1, on the Offline files tab, select the Synchronize all offline files when logging on check box.

B. On Desktop1, set the caching of the Sales folder to Automatic caching of programs and documents.

On Portable1, on the Offline files tab, select the Synchronize all offline files when logging on check box.

C. On Portable1, right-click the Sales folder and choose Make available offline.

D. On Portable1, right-click the Sales folder and choose Map Network drive.

Answer: A

Explanation: First we must make the shared folder available offline. We must configure the Sales share on Desktop1 with the Make Available Offline option. We must then choose the caching option of the folder (Manual or Automatic caching). Since we want the whole folder to be available offline we should use the Manual caching of documents option.

We then configure the portable computer to Synchronize all offline files when logging on.

Incorrect Answers:

B: The Automatic caching of programs and documents option works well when connected to network (for example on slow or unreliable connections). This caching option only caches files that are used. It would make the entire folder available for offline use.

C:The shared folder must be made offline on Desktop1 since the share is on Desktop1.

D:There is no need to explicitly map the shared folder on the Portable1 computer.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 15, Lesson 4

Microsoft Windows XP Professional Resource Kit Documentation, Chapter 7: Supporting Mobile Users, Configuring Offline Files for Portable Computers

IT Professional Featured Article, Manage and Secure Your Mobile Users' Laptops with Three Powerful Windows XP Professional Features

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**QUESTION 65**

You are a help desk technician for Certkiller . Certkiller uses a custom database application to track sales information. The database application saves its data in files with a .dta file extension. The .dta files are stored in the same shared folder as several shared Microsoft Word 2002 documents.

Your manager reports that the application's .dta files are becoming corrupted. Each time the files are corrupted, they must be restored from a tape backup.

Users with portable computers often select the Word 2002 documents in the shared folder to be made available offline. You discover that several users also select the .dta files to be made available offline.

You need to ensure that users cannot make the .dta files available offline. Your solution must not affect user access to the other files in the folder.

What should you do?

- A. Use Remote Assistance to disable offline files on the local computer policy of all portable computers.
- B. Modify the file share that contains the .dta files, and disable offline file caching.
- C. Ask a network administrator to modify the file permissions on the .dta files to assign all users the Deny - Change permission.
- D. As a network administrator to modify domain security policy to add the .dta file type to the Files not cached domain group policy.

Answer: D

Explanation: The offline caching of the .dta files are causing the files to become corrupted. Therefore, we need to prevent this type of file being made available offline. We can do this by configuring the 'Files not cached' setting in group policy.

Files not cached

Computer Configuration\Administrative Templates\Network\Offline Files

Lists types of files that cannot be used offline. This policy lets you override the system's default list of file types that are never cached for offline use.

By default, the system never caches files of the following types, as identified by their file name extension:

<b>File name extension</b>	<b>File type</b>
.slm	Microsoft Source Library Management file
.mdb	Microsoft Access database file

.ldb	Microsoft Access security file
.mdw	Microsoft Access Workgroup file
.mde	Microsoft Access compiled module file
.pst	Microsoft Outlook personal folder file
.db?	Generic database file

Incorrect Answers:

A: This is unnecessary and impractical.

B: Disabling offline file caching for the share will affect the other files in the shared folder. This is contrary to the requirements of the question.

C: Denying the change permission will mean that no one can enter data into the database. Furthermore, it will not prevent offline caching.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 344

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**QUESTION 66**

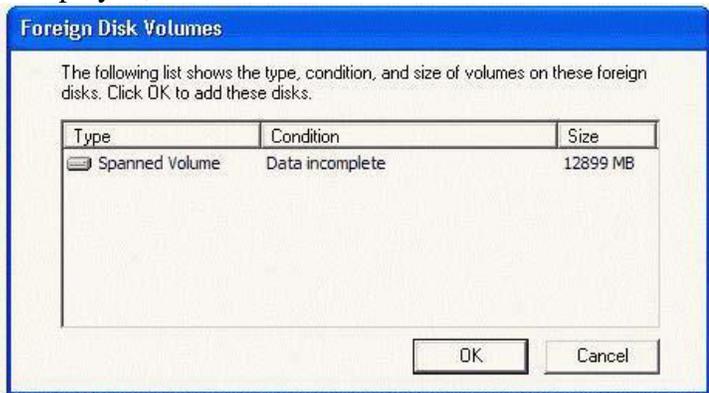
You are the desktop administrator for Certkiller .com. All client computers currently run Windows 2000 Professional. The client computers have a typical disk configuration, as shown in the following table.

Physical hard disk	Volume	Volume type or usage
0	C	System and boot
0	D	Applications
0	E	User data
1	E	User data

You are in the process of deploying new Windows XP Professional computers to users in the Certkiller support department. The new computers currently have one hard disk. Each hard disk is configured as a dynamic disk, and it contains the system and boot volume. To maintain user data, you are moving the physical hard disks from the user's original computers to the new computers.

Laura is a user in the graphics department. You move disk 1 from Laura's original computer to her new computer. You do not move disk 0 to the new computer. When you run the Disk Management console on the new computer, the disk that you moved from Laura's original computer appears with the status of Foreign. When you attempt to run the Import Foreign Disk utility, the Foreign Disk Volumes dialog box

is displayed, as shown in the exhibit.



When you click the OK button, the disk is imported. However, the status of the disk changes to Failed, and you cannot access data that is stored on the disk.

You need to ensure that Laura can access the data that is stored on the hard disk that you moved to the new computer. What should you do?

- A. Move disk 0 from Laura's original computer to the new computer. Run the Import Foreign Disk utility in the Disk Management console.
- B. Move disk 0 from Laura's original computer to the new computer. Delete and re-create the spanned volume.
- C. Convert the moved hard disk to a dynamic disk. Delete the spanned volume and create a simple volume.
- D. Run the Ftonline e: command on the new computer. Back up the data that is on drive E. Delete and re-create the spanned volume, and restore the data.

Answer: A

Explanation: The 1st exhibit shows that volume E spans both disk 0 and disk 1. To be able to recreate E we must therefore move disk 0 from the original computer to the new computer. Then we use the Import Foreign Disk utility to recreate the volume. We would then be able to access all required data.

Incorrect Answers

B: We want to use the data on the hard disk. If we delete the volume the data would be lost.

C: We must be able to access the data stored on the disk. This proposed solution would delete the data.

D: The XP utility FTOnline can be used to temporary mount volume or stripe sets that were created on pre-Windows XP machines. It would not be of any use in this scenario however.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 15, Lesson 6

## QUESTION 67

You are the desktop administrator for Certkiller . You are in the process of upgrading all client computers from Microsoft Windows NT Workstation 4.0 to Windows XP Professional.

Tess is a user in the development department. Jack uses a Windows NT Workstation 4.0 computer that contains four hard disks. The first hard disk contains the system and boot partition. The remaining three

hard disks contain a stripe set.

After the upgrade, Jack reports that she can no longer access data that is stored on the stripe set on her computer. You investigate and discover that the three hard disks that contain the stripe set are now identified as drives D, E, and F, and that the status of each partition is shown as Failed in the Disk Management console.

You need to ensure that Jack can access all data on these hard disks. What should you do?

- A. Delete the partitions that make up the stripe set.  
Convert the hard disks to dynamic disks, and re-create the stripe set.
- B. In the Disk Management console, select each hard disk and run the Import Foreign Disk utility.
- C. From the DiskPart command line, run the Import d: command, and then run the Rescan command.
- D. Run the Ftonline d: command.  
Back up the data that is on drive D.  
Delete and re-create the partitions on the hard disk, and restore the data.

Answer: D

Explanation: The Ftonline tool (Ftonline.exe) is used from the command prompt from the Windows XP Support tools so that you can recover data on the legacy disks.

Incorrect Answers

A: There is no need to delete and recreate the partition. We can upgrade the legacy disks.

B: We want to upgrade the disks, not to import foreign disks.

C: DiskPart is a Windows XP Professional tool which allows the administrator to handle disk administrative tasks from a command prompt. Diskpart enhances the Disk Administrator graphical user interface (GUI). The import command of DiskPart is used to import all of the disks from a foreign disk group. In this scenario, however, we want to upgrade the disks, not import them.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

Microsoft Knowledge Base Article - Q303246: Fault-Tolerant RAID Volumes or Volume Sets Are Displayed as "Failed" After You Install Windows XP,

Microsoft Knowledge Base Article - Q300415: A Description of the Diskpart Command-Line Utility,

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### **QUESTION 68**

A user named Dr. King reports that applications on his Windows XP Professional computer are running slowly. You notice that Dr. King's computer has 64 MB of RAM and 100 MB free disk space. Which method can you use to improve performance? (Choose all that apply)

- A. Add Dr. King to the Power Users group.
- B. Set the total paging file to 75 percent of physical memory.
- C. Perform a disk analysis, and use the disk defragmenter, if recommended.
- D. Use disk cleanup to delete temporary files and unnecessary program files.
- E. Ensure that the performance options setting is optimized for background services.

Answer: C, D

Explanation: The system in this scenario is showing symptoms that Dr. King is running out of disk space. The Disk Cleanup utility can be used to free some disk space. It's also a good idea to defragment the hard drive as a hard drive which is close to its maximum capacity can become fragmented fast.

Incorrect Answers:

A: Adding a user to a group will not improve system performance. Users and user groups have an impact on network performance and not system performance.

B: The minimum recommended setting of the page file is 1.5 times the physical memory, not 75%.

E: On a Windows XP Professional computer the performance options should be optimized for Applications, not Background services.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

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**QUESTION 69**

You are the network administrator for Certkiller . The network consists of a single Active Directory domain named Certkiller .com. All client computers run Windows XP Professional.

Dr King is a user in the development department. Dr King uses his computer to develop new applications. The computer is currently running Windows 2000 Server, which is installed in the C:\Winnt folder. The computer's disk configuration is shown in the following table.

Physical hard disk	Volume	Volume type or usage
0	C	System and boot
1	C	System and boot (mirrored)
2	D	Applications
3	E	User data
4	E	User data (mirrored)

Dr King installs Windows XP Professional in the C:\Windows folder on the computer. The installation completes successfully.

However, when Dr King restarts the computer, he receives the following error message:

"STOP: INACCESSIBLE\_BOOT\_DEVICE." Windows XP Professional will not start. The existing Windows 2000 Server installation starts successfully.

You need to ensure that Dr King can start both operating systems.

What should you do?

- A. From the DiskPart command line, run the Active c: command, and then run the Rescan command.
- B. Run the Dmdiag c: command.
- C. Reinstall Windows XP Professional and specify drive D as the installation partition.
- D. Restart the computer by using the Recovery console, and run the Fixboot command.

Answer: D

Explanation: The Windows XP Professional Recovery Console is a command-line interface that you can use to perform a variety of troubleshooting and recovery tasks. The Fixboot command writes a new partition boot sector to the system partition. The fixboot command is only available when you are using the Recovery Console.

Incorrect answers:

A& B : You need to use the Recovery Console and run the Fixboot command that will enable Dr. King to start both operating systems since both operating systems are already installed.

C: Reinstalling Windows XP Professional and specifying drive D as the installation partition will not allow Dr. King to start both operating systems. The question states pertinently that in the installation occurred successfully, rendering this option obsolete.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 18, Lesson 3

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**QUESTION 70**

You are the administrator of a Windows XP Professional computer. The disk and volume configuration of the computer is shown in the following table.

Disk	Volume	Capacity	Free space
0 (basic)	C (system)	1.0 GB	0.9 GB
0 (basic)	D (boot)	3.0 GB	0.2 GB
0 (basic)	E	8.0 GB	2.5 GB
1 (dynamic)	F	3.0 GB	1.5 GB
1 (dynamic)	G	4.0 GB	0.3 GB

The paging file is currently stored on drive D. The size of the paging file is 400 MB. In the system event log on the computer, you find the following repeated message: "Disk D is at or near capacity. You may need to delete some files."

You want to move the paging file to another volume to make more space available on drive D. You also want to ensure that you move the paging file to a volume that improves system performance as much as possible. You do not want to increase the size of the paging file or divide the paging file over multiple volumes.

To which drive should you move the paging file?

- A. Drive C
- B. Drive E
- C. Drive F

D. Drive G

Answer: C

Explanation: We have a choice of volumes C, E or F because these are the only volumes with enough free space for the paging file. Using the system volume for the paging file will slow the performance so we are left with a choice of volumes E or F. Volume F is on a separate physical disk to the operating system. Placing the paging file on a separate physical disk is the best way to improve performance so we should move the paging file to volume F.

Incorrect Answers:

A:Using the system volume for the paging file will slow the performance.

B:This would work but we can improve performance further by placing the paging file on a separate physical disk to the operating system.

D:Drive G doesn't have enough free space for the paging file.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

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**QUESTION 71**

You are the administrator of a Windows XP Professional computer. The computer has three identical 4-GB hard disks. The disk and volume configuration of the computer is shown in the following table.

Disk	Volume	Capacity	Free space
0 (basic)	C (system)	4.0 GB	1.0 GB
1 (basic)	D	2.5 GB	0.8 GB
1 (basic)	(Unallocated)	1.5 GB	(Not applicable)
2 (basic)	E	1.5 GB	1.2 GB
2 (basic)	(Unallocated)	2.5 GB	(Not applicable)

At the beginning of the new project, you want to configure the computer's disks so that you can store 2.5 GB of new data. You want to ensure that you optimize the performance with which the 2.5 GB of data can be written to the disks.

Which two actions should you take? (Each correct answer presents part of the solution. Choose two)

A. Convert both disk 1 and disk 2 to dynamic disks.

B. Convert only disk 2 to a dynamic disk.

C. Extend volume D to include the unallocated space on disk 1.

D. Create a new spanned volume that contains the 1.5 GB of unallocated space on disk 1 and 1.5 GB of the unallocated space on disk 2.

E. Create a new striped volume that contains 1.5 GB of unallocated space on disk 1 and 1.5 GB of the unallocated space on disk 2.

Answer: A, E

Explanation: The question states that you want to ensure that you optimize the performance with which the 2.5 GB of data can be written to the disks. A striped volume can be written to faster than a simple volume or a spanned volume. This is because the data can be written to the two disks simultaneously. To create a striped volume, the disks must be converted to dynamic disks.

Incorrect Answers:

B: We are creating a striped volume with two disks. Therefore, disks 1 and 2 should be converted to dynamic disks.

C: A striped volume can be written to faster than a simple volume or a spanned volume.

D: A striped volume can be written to faster than a simple volume or a spanned volume.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

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### QUESTION 72

You are the desktop administrator for Certkiller .com. All employees have Windows XP Professional computers.

Twenty engineers at the company use portable computers.

An engineer named Tom wants to install an external parallel-port tape backup drive to use the removable storage features of Windows XP Professional. The tape drive is included on the Hardware Compatibility List (HCL)

Tom connects the tape drive to his computer and installs the manufacturer-provided drivers and software. When Tom attempts to create a media library for removable storage, the tape drive is not listed as an available library to select.

You need to enable Tom to install the driver for the tape drive. What should you do?

- A. Add Tom to the local Backup Operator group on his computer.
- B. Run the Sigverif utility to verify the digital signer and version information for the print device driver.
- C. Disable Enhanced Parallel Port (EPP) support in the system BIOS on Tom's computer.
- D. Ensure that the Driver Signing Options are set to Warn-Prompt me each time to choose an action.

Answer: A.

Explanation: The backup operators group has permission to access storage devices and to bypass file permissions to backup files. We should therefore add Tom to this group so that he can inherit these permissions and would then gain access to storage devices.

Incorrect Answers:

B: Tom needs access to the tape drive, which is a storage device, and not the print device.

C: disabling Enhanced Parallel Port support will not enable Tom to access the storage device as he does not have the required permissions to the device. Furthermore, should be enabled, not disabled.

D: The tape drive is on the hardware compatibility list and the driver and software provided by the

manufacturer has been installed. Driver signing are used to ensure that device drivers that have been tested by Microsoft and found to be compatible with Windows XP Professional are used. These devices that are compatible are then added to the hardware compatibility list.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 1

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**QUESTION 73**

You are the desktop administrator for Certkiller .com. All employees have Windows XP Professional computers.

All employees are members of the local Users group on their own computers.

A user in the graphics department has a removable disk cartridge drive on his computer. The disk cartridge contains an unsupported, third-party file system. When he tries to save data to the disk cartridge, the user is prompted to reformat the disk cartridge. However, he receives an "Access denied" error message when attempting to reformat.

You need to enable the user to save data to the disk cartridge. What should you do?

- A. Instruct the user to format the cartridge as FAT32.
- B. Remove the Read-only attribute from the disk cartridge.
- C. Add the user to the Power Users local group on the computer.
- D. Grant the user Allow-Full Control permission on the disk cartridge.
- E. Configure the local security settings to allow the user to format and eject removable media.

Answer: E.

Explanation: In the local security settings, we can set the permission to allow or deny someone the ability to format and/or eject removable media. The user in this scenario is receiving an access denied message which suggests the local security policy is denying him this permission.

Incorrect Answers:

A: The user is receiving an access denied message. This indicates that he does not have the necessary permissions to access the resource. Therefore attempting to format with a different file system would not make any difference.

B: If the cartridge was set to Read only the user would receive a message indicating that the cartridge is read-only. He would not receive an access denied message.

C: By adding the user to the Power Users group, the user will inherit the permissions assigned to that group. This could give the user too much permissions and privileges. It also does not guarantee that the local Power Users group has the necessary permissions to access the device.

D: NTFS file permissions are only supported on NTFS volumes. The file system used on the computer in this scenario is a third party file system. Therefore NTFS permission will not be supported on this computer.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 1

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**QUESTION 74**

You are the desktop administrator for Certkiller .com. A graphics designer named Pierre installs a new application and an updated video driver on his Windows XP Professional computer.

After the installation, Pierre restarts his computer and logs on. However, when he moves Windows and dialog boxes, the display is distorted.

You need to find the correct video driver for the new application. Meanwhile, you need to ensure that Pierre can run his other applications without video distortion.

What should you do?

- A. Use Device Manager to roll back the video driver.
- B. Restart the computer with the last known good configuration.
- C. Run the Msconfig utility, and select the /BASEVIDEO check box.
- D. Use the Add Hardware Wizard to scan for new hardware. Install any found hardware.

Answer: A.

Explanation: Device Manager in XP has the added functionality of rolling back to a previous driver. To do this in Device Manager right-click the device for which the previous version of the driver is desired and then click Properties. Click the Drivers tab and click "Roll Back Driver".

Incorrect Answers:

B: The Last Known Good Configuration is a copy of the hardware and registry configuration that was automatically saved by Windows XP on the last successful start up of Windows XP. Windows XP considers a startup successful when a user logs on at that computer. When this occurs, the Last Known Good Configuration is overwritten. In this scenario we have already logged on therefore Windows XP considered the startup to be successful and replaced the Last Known Good Configuration with the current settings.

C: The Msconfig utility is a system configuration utility. When the /basevideo check box is selected, the computer is run in VGA mode. This however will not restore the old driver.

D: As driver has already been installed for the video adapter, the Add/Remove Hardware Wizard will not detect any new hardware.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 1

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### **QUESTION 75**

You are the desktop administrator for Certkiller .com. You upgrade all client computers from Microsoft Windows NT workstation 4.0 to Windows XP Professional.

After the upgrades, a user named Anne reports that her computer now starts with Display settings of 640 x 480 screen resolution and 16 colors. She is unable to change these settings. She also wants to be able to select Windows XP themes.

You need to enable Anne to use the Windows XP interface options. What should you do?

- A. Update the driver for the video adapter to support increased screen resolution and color depth.
- B. On the Color Management tab in the Advanced Display settings, add the color profile for Anne's monitor.
- C. In the Advanced Properties for the video adapter, clear the Enable Write Combining check box.
- D. Roll back the current video adapter driver to the previous Windows NT workstation 4.0 video adapter driver.

Answer: A.

Explanation: In this scenario the Windows NT video driver is incompatible with Windows XP therefore it

needs to be updated.

Incorrect Answers:

B: This is a video driver problem, not a monitor problem.

C: Windows XP Professional supports write combining, which improves video performance by speeding up the display of information to our screen. However, increased speed can also cause screen corruption. This is not the problem in this scenario as write combining does not cause a video adapter to run in VGA mode, i.e. 640 x 480 resolution with 16 colors. This is a video driver (or lack of) problem.

D: In this scenario the Windows NT driver is incompatible with Windows XP. We have not installed any other video drivers and therefore we cannot use the roll back option.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 1

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**QUESTION 76**

You are the desktop administrator for Certkiller .com. Initially, all employees use Windows 2000 Professional computers. You upgrade all computers to Windows XP Professional. Users experience no problems after the upgrade is complete.

A new user is issued a new client computer that is identical to all other client computer in the company. The user installs Windows XP Professional on this computer from a network installation point. The user now reports that he cannot change his Display settings to anything other than 640 x 480 resolution with 16 color.

You verify that this computer has the same video hardware as all the other client computers. You also verify that the hardware vendor does not currently offer a video driver for Windows XP Professional. You need to enable the user to change his Display settings to higher resolution and color quality. What should you do?

- A. Reboot the computer in safe mode and select the standard VGA video driver.
- B. Install the Windows 2000 Professional version of the video drivers on the computer.
- C. On the Monitor tab in the Advanced Display settings, specify the correct driver for the monitor.
- D. On the Color Management tab in the Advanced Display settings, specify the appropriate color profile for the monitor.

Answer: B.

Explanation: In this scenario, the computers that were upgraded worked properly but the new computer did not. This suggests that the Windows XP installation CD does not have drivers for the video adapter and that the upgraded computers are still using the Windows 2000 drivers. It also suggests that the Windows 2000 driver is compatible with Windows XP Professional and that we could therefore use the Windows 2000 video adapter driver on the Windows XP Professional computer.

Incorrect Answers:

A: The standard VGA video driver only supports VGA video mode, which is 640 x 480 and 16 bit color. This is the only mode that is available on the computer because Windows XP Professional has installed the standard VGA video adapter driver for the video adapter card. Therefore, selecting the standard video driver in safe mode will not alter the situation.

C, D: The question states that the display settings cannot be changed which would indicate a Video adapter driver problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 1

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**QUESTION 77**

You are the desktop administrator for Certkiller .com. All users have Windows XP Professional computers. Users in the sales department have portable computers. The portable computers are used to create customer presentations and perform online ordering.

Sales representatives want to be able to use large external monitors to display their presentations at customer locations. These users also want to use the displays on the portable computers to show their speaker notes and extra data.

You verify that the video adapters in the portable computers support multiple monitor and dual-view capabilities. However, the sales representatives report that when they attach the external monitors to their computers, the option to define separate desktop displays does not appear in the Display settings. You need to enable the sales representatives to display multiple desktops. What should you do?

- A. Obtain and install an updated driver from the video adapter manufacturer.
- B. Instruct the sales representatives to disable all hardware video acceleration during their presentations.
- C. Configure the monitors on the sales representatives' computers to use the Presentation power scheme.
- D. Create a monitor profile on the sales representatives' computers for the external monitors at the customer sites.

Answer: A.

Explanation: The video adapter supports external monitors so it must be a device driver problem. We need to obtain and install an updated video adapter device driver that supports the use of an external monitor.

Incorrect Answers:

B: We should disable all hardware video acceleration when we have problems with the video adapter with one display. Disabling all hardware video acceleration will not enable different displays.

C: Power schemes on Laptop computers can be used to lower electrical consumption, in particular in could preserve the battery of the laptop. However, Power Scheme configuration would not enable use of external monitors.

D: We cannot create a monitor profile to support multiple displays.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 1

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**QUESTION 78**

You are the desktop administrator for Certkiller .com. All client computers run Windows XP Professional.

Several users in the marketing department have video capture cards and USB-connected digital video cameras. You install these devices by using built-in Windows XP Professional drives.

Later, one of the users, named Stefan, installs an updated manufacturer's driver for the video card. After the installation, he receives an error message stating that a service or driver failed to start. Stefan logs on to his computer and discovers that he can no longer access the video capture card or the digital video camera.

You need to ensure that Stefan can access these devices. What should you do?

- A. Restart Stefan's computer by using the last known good configuration.
- B. Restart Stefan's computer by using the Recovery console. Disable the new video capture card driver.
- C. In Device Manager, select the Roll Back Driver option in the video capture card's properties.
- D. Log on as the local administrator, and configure the File signature verification option to Ignore.

Answer: C

Explanation: We must configure the devices to use the old device drivers. We could install the old drivers but Windows XP has an even simpler solution called the Roll Back Driver option that we can use to roll back the system to a previously working driver. This will resolve the problem in this scenario at minimal administrative effort.

Incorrect Answers:

A: The last known configuration is the system state at the last successful logon. But in this scenario the last good logon occurred after the new driver was installed so the last known good configuration would not change the system state.

B: We don't just want to disable the driver. We want to make sure Stefan can access and use the devices.

D: We must configure the devices to use the old drivers. Changing Driver signing configuration will not help.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 1

Microsoft Knowledge Base Article (Q283657): HOW TO: Use the Roll Back Driver Feature in Windows XP

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### **QUESTION 79**

You are the desktop administrator for Southridge Video. You have recently installed Windows XP Professional on a portable computer that meets the minimum installation requirements for the operating system.

After the installation, you attempt to configure hibernation, but this option is unavailable. To ensure that the option becomes available, you update the BIOS on the computer. After the update, the computer displays a STOP error every time you attempt to restart the computer. You cannot successfully start the computer.

You need to start the computer and enable hibernation. What should you do?

- A. Use System Restore to restore the last restore point.
- B. Restart the computer with the last known good configuration.
- C. Use the Recovery console to add the correct Advanced Configuration and Power Interface (ACPI) HAL to the computer.
- D. Reinstall Windows XP Professional to enable Advanced Configuration and Power Interface (ACPI) and power management support.

Answer: D.

Explanation: We upgrade the BIOS to enable Windows use hibernation. Hibernation is an ACPI feature. The BIOS upgrade requires an upgrade of the Hardware Abstraction Layer (HAL) of Windows XP. Some HAL upgrades can be accomplished by using the Device Manager, in particular the Device Manager can be used when upgrading a single processor system to a multi-processor system. However, the change from non-ACPI to

ACPI by changing drivers is not supported. To properly make this change, an in-place upgrade (where the computer is converted to ACPI during Setup) is mandatory. We must reinstall the operating system.

Note: The HAL (Hardware Abstraction Layer) is a set of drivers, upon which the Windows NT kernel is based. If the installed HAL is incorrect, you may have a problem ranging from certain settings not working (such as ACPI or APM) to Windows not starting at all.

Incorrect Answers:

A: When we install Windows XP, a restore point is automatically created. We could roll back the system to this point by starting in safe mode and using the restore wizard. This would not help in this scenario however, since the BIOS have been updated to allow ACPI. ACPI HAL changes require reinstallation of the Operating system.

B: The Last Known Good Configuration is used to load Windows XP Professional with the hardware and registry settings that were automatically saved by Windows XP Professional on the last successful boot of Windows XP Professional. In this scenario we have not changed any registry settings. We therefore cannot use the Last Known Good Configuration to resolve this problem.

C: We cannot use the Recovery Console to add the ACPI HAL.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 2

Microsoft Knowledge Base Article (Q309283): HAL Options after Windows XP Setup

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### **QUESTION 80**

You are the desktop administrator for Certkiller .com. You plan to install Windows XP Professional on a client computer. The computer contains a PCI network adapter, a PCI video adapter, and an industry standard architecture (ISA) SCSI adapter that hosts the hard disk and a CD-ROM drive.

After the installation begins, you receive an error message indicating that Setup cannot find a hard disk.

You verify that the SCSI hard disk is connected and functional. Nevertheless, the error message persists when you restart Setup. The installation will not resume.

What should you do to complete the installation?

- A. Disable the APM features in the system BIOS.
- B. Enable UDMA in the system BIOS for the primary hard disk.
- C. Reserve an IRQ for the ISA SCSI adapter in the system BIOS.
- D. Set the system BIOS boot device option to boot from the SCSI hard disk.
- E. Restart Setup and install the driver for the SCSI adapter while initially copying the files.

Answer: E.

Explanation: During the early text-mode phase of the setup process, you can press F6 and install the driver for the SCSI adapter.

Incorrect Answers:

A: APM is not the problem.

B: UDMA is enabled by default. This will not affect the ability of Windows to detect the SCSI adapter.

C: This will not fix the problem. Windows cannot detect the SCSI adapter so it cannot assign it an IRQ.

D: The system cannot find the hard disk so it cannot boot from it.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

**QUESTION 81**

You are the desktop administrator for Certkiller .com. All employees have Windows XP Professional computers.

A user named Anne is given a new portable computer. She successfully installs her printer and scanner hardware.

Two weeks later, Anne installs and update print driver. When she restarts her computer, she receives the following error message:

"STOP.IRQL\_NOT\_LESS\_OR\_EQUAL"

Anne restarts the computer again, and she receives the same error message.

You need to ensure that Anne can successfully start Windows XP Professional. What should you do?

A. Restart Anne's computer with the last known good configuration.

B. Restart Anne's computer in safe mode.

Log on as a local administrator and set the Driver Signing Options to Ignore-Install the software anyway and don't task for my approval.

C. Restart Anne's computer in safe mode.

Create a local computer policy to enable Windows File Protection.

D. Restart Anne's computer in Recovery console.

Enable the new print driver with the Service\_system\_start parameter.

Answer: A.

Explanation:

If the system is unable to start after installing a troublesome driver, the first step in troubleshooting is to start the computer with the Last Known Good Configuration. This will load the last hardware and registry configuration that was automatically saved by Windows XP on the last successful start up of Windows XP. This will thus restore the registry to what it was at the time of the last successful logon.

Incorrect Answers:

B:In this scenario the driver has been installed and is the cause of the problem. By setting the Driver Signing Option to ignore, all new drivers installed on the computer will be installed regardless of whether they are signed or not. This will not affect drivers that are already installed.

C:Windows File Protection prevents the replacement of protected system files that may occur during the installation of new device drivers. This would prevent a similar problem in the future but will not resolve the current problem.

D:In this scenario the driver has been installed and is the cause of the problem. We therefore want to disable the driver, not enable it.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 597

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**QUESTION 82**

You are the desktop administrator for the sales department at Certkiller .com. All employees have Windows XP Professional portable computers.

Sales department users require dial-in access to the company network when they travel to customer locations. These users must also be able to fax documents to customers from their computers.

You need to configure network dial-up access immediately for a user named Anne. First, you insert a 56-Kbps PCMCIA fax modem into Anne's computer. You restart the computer and log on as a local administrator. Then, you start the Network Connection Wizard. However, the modem does not appear in the list of devices that you can select for marking the dial-up connection. You need to be able to install Anne's modem. What should you do?

- A. Disable the portable computers' built-in serial ports.
- B. Manually install the modem device driver provided by the manufacturer.
- C. Decrease the maximum port speed on the modem's COM port to 57600.
- D. Set the Driver Signing Options to Ignore - Install the software anyway and do not ask for my approval.
- E. Use the Add or Remove Windows Components Wizard to install the Fax service.

Answer: B.

Explanation: In this scenario the device is not listed therefore it has not been installed. This is because Windows XP Professional did not detect the device at start up and thus did not automatically install the device drivers. If a device is not installed automatically by Plug and Play enumeration during startup, we must use the Add/Remove Hardware Wizard to manually install the device drivers.

Incorrect Answers:

A: In this scenario the device is not listed therefore it has not been installed. This is because Windows XP Professional did not detect the device at start up and thus did not automatically install the device drivers. We should therefore attempt to install the device manually before attempting to reconfigure the computer's hardware configuration. Furthermore, the portable computer's built-in serial ports should be enabled, not disabled.

C: We will not be able to decrease the modem's COM port speed as the modem has not been installed.

D: The computer did not detect the device at startup and therefore it did not attempt to install the device driver. Furthermore, when the driver signing option is set to warn or block and the device drivers are unsigned, the user will be informed. In this scenario there was no message to inform us that the driver was unsigned.

E: In this scenario the modem is not listed because it has not been installed. As the modem has not been installed, the fax service will not work.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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### **QUESTION 83**

You are the desktop administrator for Southridge Video. A user named Marie installs the Fax service with the default options on her Windows XP Professional computer. Her computer is configured to use an internal fax modem.

Marie now reports that she can successfully send faxes from her computer. However, her computer's Fax monitor never answers incoming calls.

How should you correct this problem?

- A. Restart Marie's computer.
- B. Use the Fax console to redirect faxes to the My Faxes folder.
- C. Reinstall the Fax service, selecting the option to receive faxes.
- D. Use the Fax configuration Wizard to enable the fax modem to receive faxes.

Answer: D.

Explanation: The fax service is not able to receive faxes by default. This option needs to be configured.

Incorrect Answers:

A: This will not resolve the problem. The option to receive faxes must be manually configured.

B: We cannot redirect the faxes because they are not being received.

C: It is not necessary to reinstall the service. The option to receive faxes just needs to be enabled.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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**QUESTION 84**

You are the desktop administrator for Certkiller .com. Your Windows XP Professional computer is configured to use an external fax modem.

The fax modem is configured to send and receive faxes. You install a new application that requires the computer to be restarted.

After the computer restarts, you can no longer send and receive faxes. When you open the Fax console, you notice that the options to send and receive faxes are unavailable.

You need to configure your computer to send and receive faxes. What should you do?

A. Turn the fax modem off and then on again.

B. Configure the Fax service to start automatically.

Then start the Fax server.

C. Use the Fax Configuration Wizard to configure the fax modem to send and receive faxes.

D. Log on as a local administrator, and grant your user account Allow Full Control Permission on the fax printer driver.

Answer: C.

Explanation: The Fax modem device is configured to send and receive faxes, but to receive a fax from within box in the Fax Configuration Wizard to receive faxes.

Incorrect Answers:

A: Turning the fax modem on and off will not resolve the problem.

B: The fax service needs to be configured to receive. Just starting it automatically will not enable it to receive faxes.

D: This is a configuration task that needs to be done, not a permission problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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**QUESTION 85**

You are the desktop support technician for Margie's Travel. Every day, a user named Andrea successfully faxes travel itineraries from her Windows XP Professional computer.

Andrea's computer is configured to use an external fax device. The fax device is configured to receive faxes. However, Fax monitor does not answer any incoming calls.

You need to configure Andrea's computer to receive faxes. What should you do?

- A. Restart Andrea's computer.
- B. Turn the external fax device off and then on again.
- C. Use the fax monitor to manually answer the incoming fax calls.
- D. Configure the fax device to automatically answer incoming fax calls after the first ring.

Answer: D.

Explanation: In Windows XP the Fax Service is only enabled to send faxes by default. We can either manually receive each individual fax or we can configure the Fax Service to automatically receive faxes. We can use the Fax Configuration Wizard to configure Fax to automatically receive faxes. We can specify after how many rings the fax will attempt to

Answer: the fax line. In this scenario we can specify the fax device to automatically

Answer: after the first ring.

Incorrect Answers:

- A: Restarting the computer will not resolve the problem.
- B: Turning the fax device off and on will not resolve the problem.
- C: The fax monitor can be used to manually receive incoming fax calls. However it would be better to configure the Fax Service to automatically receive faxes

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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### **QUESTION 86**

You are the administrator for your company Certkiller .com. The network consists of a single Active Directory domain named Certkiller .com. All client computers run Windows XP. You have several sales users who dial in to the company network. Sales users travel to remote locations which have outdated technology phone lines.

When they dial in to the corporate remote access server they are unable to establish contact.

Which action should you take?

- A. Change the flow control option in the modem to XON/XOFF
- B. Disable error correction in the modems default data connection path
- C. Adjust the modems default connection speed to lower rate
- D. Disable first in first out (FIFO) receive and transmit buffer in the modem

Answer: C

Explanation: Since the remote areas where the sales users travel to has outdated telephone technology, it is highly likely that the current connection speed of the modems on their computers are set to the more modern technology telephone lines and thus cannot handle the outdated technology. However, they must make use of the technology where they find themselves. To enable them to establish contact you should thus adjust the default connection speed to a lower rate.

Incorrect answers:

A: There is no need to change the flow control option.

B: It is not a matter of the error correction in the modems default data connection path, rather it has to deal with outdated technology telephone line.

D: There is no need to disable the first in first out receive and transmit buffer, since the problem stems from having to connect via outdated technology phone lines.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 17, Lessons 1 & 2

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**QUESTION 87**

You are a network administrator for Certkiller .com. The company has a main office and a branch office. The branch office has a cable modem connection to the Internet and uses a virtual private network (VPN) connection to access resources on the main office network. The cable modem is connected to a Windows XP Professional computer named Certkiller 1.

You configure Internet Connection Sharing (ICS) on Certkiller 1 to allow users in the branch office to use the VPN connection. ICS sets the network adapter to use the IP address 192.168.0.1.

Several sales representatives in the branch office use wireless network adapters to share files between their client computers. They need access to the VPN connection to upload sales reports to the main office. You install a wireless network adapter in Certkiller 1 and configure it with the appropriate settings for the wireless LAN.

The sales representatives who use the wireless LAN report that they cannot access the VPN connection. However, they are able to connect to resources in the branch office. Users on the wired network do not report any connectivity problems.

The sales representatives need to be able to access the VPN. What should you do?

A. Configure the wireless network connection on Certkiller 1 so that it has an IP address of 192.168.0.2.

B. Disable and re-enable Internet Connection Sharing (ICS) on Certkiller 1.

C. Create a network bridge between the wired and wireless connections on Certkiller 1.

D. Clear the Allow other network users to control or disable the shared Internet connection check box in the advanced properties of the VPN connection.

Answer: C

Explanation: You can create a Network Bridge connecting two or more local area networks and share the Internet connection with the computers on all of them. This is especially useful if your XP computer is connected to both a wired and wireless network.

Note: The Network Bridge feature of ICS was introduced with Windows XP. It is not available in earlier versions of Windows.

Incorrect Answers

A: We need to configure a network bridge, not configure the wireless adapter with a static IP address.

B: Disabling and re-enabling ICS would not help.

D: ICS does not need to be configured by the network users.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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**QUESTION 88**

You are the network administrator for Certkiller . The network consists of a single Active Directory domain Certkiller .com. All client computers run Windows XP Professional. Employees in the marketing department use portable computers. All portable computers use 802.11b wireless LAN adapters to connect to the network. The computers also have external removable cartridge drives that are connected by means of a legacy PC Card SCSI adapter. The Power Options for each portable computer are configured to use the Portable/Laptop power scheme. Users in the marketing department report that their computers run out of battery power very quickly. You investigate and discover that the computers never enter standby or hibernation when they are not in use, even if they are running on only battery power. You verify that the computers have both standby and hibernation enabled and have sufficient disk space to allow hibernation. You want to ensure that the portable computers enter standby or hibernation to conserve battery power. What should you do?

- A. Configure each computer to use the Max Battery power scheme.
- B. In the properties for the wireless network adapter, disable the Allow this device to bring computer out of standby option.
- C. Replace the SCSI adapters in each computer with SCSI adapters that are listed on the Windows XP Professional Hardware Compatibility List (HCL).
- D. In each computer's system BIOS, disable Wake on LAN support.

Answer: B

Explanation: Some legacy devices might prevent Windows XP from entering Standby mode. To resolve this problem we should prevent these devices the ability to bring the computer out of standby mode.

Incorrect Answers

A: The computer is already configured to enter standby mode and to hibernate. Max Battery scheme would not change this.

C: This is a possible solution, but it is not necessary.

D: A SCSI adapter is not affected by the BIOS Wake on LAN setting. SCSI adapters are not used for network adapters.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

Microsoft Knowledge Base Article - Q305876, Computer That Is Equipped with an IBM ScrollPoint Mouse Does Not Enter Standby Mode

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**QUESTION 89**

You are the desktop administrator for Certkiller .com. Certkiller 's network consists of a single Active Directory domain named Certkiller .com. All client computers run Windows XP Professional. Employees in the sales department use portable computers. All portable computers use 802.11b wireless LAN PC adapters and a wireless access point to connect to the network. The wireless access point is connected to Certkiller .com's network by means of a wireless bridge. The wireless LAN uses 128-bit Wired Equivalent Privacy (WEP) encryption.

A user in the sales department returns from a business trip and reports that she cannot connect to Certkiller .com's network. You run the configuration utility for the wireless LAN adapter. The status of

the wireless network connection is shown as Not Linked. When you attempt to scan for the network, a connection cannot be made. The configuration for the LAN adapter and the wireless network connection is shown in the exhibit.



You need to ensure that the user can connect to the network. What should you do?

- A. Clear the This is a computer-to-computer (ad hoc) network check box.
  - B. Select the Network Authentication (Shared mode) check box.
  - C. Clear the Key is provided for me automatically check box.
- Type the WEP network key information for the wireless LAN.
- D. Clear the Key is provided for me automatically check box.
- Configure the Key index option to 1.

Answer: A

Explanation: The exhibit shows that the "This is a computer-to-computer (ad hoc) network: wireless access points are not used" check box is checked. The question states that a wireless access point is used. Therefore, this checkbox should be unchecked.

Incorrect Answers:

B: The question doesn't mention the type of authentication used. Therefore, this answer is incorrect.

C: The question doesn't state whether the key is provided automatically or not. However, since there is a definite misconfiguration in Answer A, we can assume the key is provided automatically and this answer is incorrect.

D: You don't need to configure the Key index option if you are using 128 bit WEP encryption.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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**QUESTION 90**

You are the desktop administrator for Certkiller .com. All employees have Windows XP Professional portable computers.

Asales representative named Richard has a local user account on his computer. Richard is issued a portable USB print device. You log on to his computer and disable the restrictions on loading unsigned drivers. All other local computer policies are configured with the default settings.

You restart Richard's computer. Then Richard connects the USB print device, but the printer does not appear in the Printers folder, and Richard cannot print any documents.

You need to ensure that Richard can install the printer and print successfully. What should you do?

- A. Add Richard to the local Print Operators group on his computer.
- B. Add the /fastdetectswitch in the Boot.ini file on Richard's computer.
- C. Disable the Prevent users from installing printer drivers local security policy setting.
- D. Modify the Driver Signing Options, selecting the Make this action the system default check box.

Answer: D

Explanation: To ensure that Richard can install the USB print device, we must enable him to load unsigned drivers. In this scenario you, as an administrator, logged on to his computer and disabled the restriction on loading unsigned drivers. However, you forgot to check the Make this action the system default option. And the option only applies to your account. We must there select the Make this action the system default check box.

Incorrect Answers:

A:Richard does not have to be a member of the Print Operators group to install printer drivers.

B:The /fastdetect switch is a startup parameter. With this switch, serial mouse detection is disabled on all ports. This is not related to the loading of the printers.

C:The scenario states that all local computer policies are configured with their default settings. In particular the Prevent users from installing printer drivers are disabled by default. So disabling this setting makes no sense.

D:If 'driver signing' were blocking the installation of the driver, Windows would inform us and would not install the driver.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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**QUESTION 91**

You are the desktop administrator for your company's network. All employees use Windows XP Professional computers. All employees in the research department use both desktop and portable computers. All computers in the research department have four-port USB hubs attached.

A user in the research department connects a portable USB hard disk to the USB hub attached to his portable computer. However, the port on the USB hub shuts down and the hard disk does not function. The user experiences no problem when he attaches the same hard disk to his desktop computer's USB hub.

When the user attaches a USB mouse or keyboard to the portable computer's USB hub, the port and device function normally. When he attaches the hard disk directly to the USB port on his portable computer, the device functions normally.

You need to ensure that the USB hub on the user's portable computer can use the USB hard disk. What

should you do?

- A. Replace the portable hard disk's USB cable with a shorter USB cable.
- B. Replace the portable computer's bus-powered USB hub with a self-powered USB hub.
- C. Enable the Assign IRQ to USB option in the computer's system BIOS.
- D. Disable all USB power management features for the USB Root Hub.
- E. In the properties of the USB Root Hub, increase the reserved USB bandwidth for the external USB hub.

Answer: B.

Explanation: The bus-powered USB hub is not able to supply the power to the USB hard drive. We must replace the hub with a self-powered hub.

Incorrect Answers:

A: It is unlikely that the cable is too long.

C: Windows will assign an IRQ as necessary. The other USB devices work ok so this is not the problem.

D: The other USB devices work ok so this is not the problem.

E: This is a power problem, not a bandwidth problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

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### **QUESTION 92**

You are the desktop administrator for Certkiller .com. All employees use Windows XP Professional computers.

Users in the sales department have portable computers. Each of these users also has a portable USB hard disk and a digital camera. You install these devices on the portable computers by using built-in Windows XP Professional drivers

One user installs an updated camera driver from the manufacturer and restarts his computer. After the installation, he receives an error message indicating that a service or driver failed to start. When he logs on to his computer, he discovers that he can no longer access his digital camera.

How should you correct this problem?

- A. Restart the user's computer with the last known good configuration.
- B. Restart the user's computer in safe mode. Log on as the local administrator and set the Driver Signing Options to Warn-Prompt me each time to choose an action.
- C. Restart the user's computer in safe mode. In device manager, select the Roll Back Driver option in the digital camera's properties.
- D. Restart the user's computer in the Recovery console. Enable the new digital camera driver with the Service\_system\_auto parameter.

Answer: C.

Explanation: Windows XP supports a Roll Back Driver option that we can use to roll back the system to a previously working driver. This will resolve the problem in this scenario.

Incorrect Answers:

A: The user has logged in so the registry settings will not be changed by using the last known good

configuration.

B:The driver has already been installed. We need to uninstall the driver.

D:The camera worked before the driver was updated so the camera does not need to be enabled. The driver is causing the problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lessons 1 & 2

Microsoft Knowledge Base Article (Q283657): HOW TO: Use the Roll Back Driver Feature in Windows XP

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**QUESTION 93**

You are the desktop administrator for Certkiller .com. The company network consists of a single Active Directory domain. All employees have Windows XP Professional computers that use DHCP for their TCP/IP configuration.

A new user reports that he cannot access network resources. No other users report problems. When you run IPconfig.exe on the user's computer, you receive the following log.

Windows IP Configuration

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix. :

IP address. . . . . :169.254.96.107

Subnet Mask. . . . . :255.255.0.0

Default Gateway. . . . . :

You must ensure that the new user can connect to the network. What should you do?

- A. Run the Netstat -e command on the new user's computer.
- B. Run the IPconfig/renewcommand on the new user's computer.
- C. Run the Nostat -RR command on the new user's computer.
- D. Add the IP address of the DHCP server to the HOSTS file.
- E. Disable Automatic Private IP addressing (APIPA) on the new user's computer.

Answer: B.

Explanation: When the client computer cannot contact the DHCP server for IP address configuration, Windows XP uses APIPA (Automatic Private IP Address) for IP configuration. This allows the client computer to communicate with other computers and printers on a single subnet. APIPA uses the private IP address range of 169.254.0.1 through 169.254.255.254 and a subnet mask of 255.255.0.0. 169.254.96.107 is thus an APIPA address that was assigned by Windows because the computer did not receive an IP configuration from a DHCP server. By running the Ipconfig/renew command we will force the computer to attempt to contact the DHCP server again so that it renew the client IP configuration.

Incorrect Answers:

- A:The Netstat -e command is used to display Ethernet statistics. It will not renew the client IP configuration.
- C:The Nostat -RR command is used to release and reregister the clients address in WINS. WINS however is used for pre-Windows 2000 computers. This is not the case in this scenario. The problem in this scenario is a lack of a valid DHCP IP address.
- D:The DHCP server is contacted by using a DHCPdiscover broadcast packet. It is therefore not necessary to add the DHCP server's IP address to the HOST file.
- E:To disable APIPA you would need to configure a static IP address. The network however uses dynamic IP

addressing.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 2

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**QUESTION 94**

You are the desktop administrator for Certkiller .com. You install a new driver for the network adapter card on your Windows XP Professional computer. When you restart the computer, the monitor displays a STOP error with no text before you are able to log on. Every time you restart the computer, a STOP error halts the start process.

You need to correct the error without affecting the user data on the computer. You also need to restore the original network adapter driver.

What should you do?

- A. Restart the computer with the last known good configuration.
- B. Restart the computer by using the Recovery console, and stop the Network Connections service.
- C. Restart the computer by using a Windows XP Professional CD, and select the option to perform an Automated System Recovery (ASR) restore when prompted.
- D. Restart the computer by using a Windows XP Professional bootable floppy disk, and disable the network adapter.

Restart the client computer, and enable the network adapter.

Answer: A.

Explanation: This will restore the registry to what it was at the time of the last successful logon.

Incorrect Answers:

B: This will not stop the faulty driver from loading at startup.

C: This will restore the system files. User data will be lost. This should only be used as a last resort.

D: We will not be able to boot with a floppy. The driver would still be loaded which would cause startup to fail.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 2

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**QUESTION 95**

You are the desktop administrator for Certkiller . Laura is a user in Certkiller 's accounting department. Laura uses a Windows XP Professional computer. Laura installs a new software application that was listed in her Add or Remove Programs list.

Laura reports that the new application now opens whenever she double-clicks any file that has a .doc file name extension. She also reports that 24 new icons appear on the New menu when she right-clicks her desktop. Laura asks you to reconfigure her computer so that Microsoft Word opens when she double-clicks files that have a .doc file name extension. She also wants you to remove the new icons from the New menu.

You instruct Laura to uninstall the new application. After she uninstalls the application, she reports that she can no longer open .doc files by double-clicking them. She also reports that the unwanted icons on the New menu are still present. You reinstall the new application, and it continues to open when Laura double-clicks .doc files.

You want to restore the .doc file association and to remove the unwanted icons from the New menu on Laura's computer. You want to accomplish these tasks as quickly as possible. You also want to ensure that none of Laura's other documents or personal settings are affected.

What should you do?

- A. Restore the computer to the restore point that was created when Laura installed the new application.
- B. Restore the System State data to Laura's computer from a backup tape.
- C. Use the Windows XP Professional CD-ROM to perform an Automated System Recovery (ASR) restore.
- D. Restart the computer by using the last known good configuration.

Answer: A

Explanation: System Restore is a component of Windows XP Professional that you can use to restore your computer to a previous state, if a problem occurs, without losing your personal data files (such as Microsoft Word documents, browsing history, drawings, favorites, or e-mail). System Restore monitors changes to the system and some application files, and it automatically creates easily identified restore points. These restore points allow you to revert the system to a previous time. They are created daily and at the time of significant system events (such as when an application or driver is installed). You can also create and name your own restore points at any time.

Incorrect Answers:

B: Restoring the system state data will not remove the application or restore file associations.

C: An Automated System Recovery (ASR) restore would be used to repair a computer that won't boot. It is not used to restore file associations or remove applications.

D: The last known good configuration will return the registry to its state at the time of the last successful logon. This will not restore file associations or remove applications.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 2

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### **QUESTION 96**

You are the administrator for Certkiller .com's network.

Tess, who works in the Financial department, wants to update the printer connected to her Windows XP Professional computer so that she can print graphics at a higher resolution. Jack downloads a printer driver from the Internet. She then asks for your assistance in installing the driver.

You are unsure of the source of the driver. You want to ensure that the user does not lose production time because of an incompatible driver.

What should you do?

- A. Display the Advanced Attributes dialog box for the printer driver file. Install the driver if the contents have been secured.
- B. Run File Signature Verification to verify that the new driver has a Microsoft digital signature. Do not install the driver if it does not have the signature.
- C. Install the driver. Logon to the computer. If the computer fails after installing the driver, restart the computer. Then use the last known good configuration to recover the original driver.
- D. Install the driver. Logon to the computer. If the computer fails after installing the driver, use the Hardware troubleshooter. Then use the Recovery Console to recover the original driver.

Answer: B

Explanation: When installing new software on your computer, system files and device driver files are sometimes overwritten by unsigned or incompatible versions, causing system instability. The system files and device driver files provided with Windows XP have a Microsoft digital signature, which indicates that the files are original, unaltered system files or that they have been approved by Microsoft for use with Windows. Using File Signature Verification, you can identify unsigned files on your computer. You should not install the driver if it does not have the signature if you want to prevent the loss of production time due to incompatible driver installation that you are unsure of.

Incorrect Answers:

A: The advanced attributes of a file do not tell you if the file is digitally signed or not.

C: Installing the driver and repairing any damage it may cause will waste production time. This is contrary to the requirements stated in the question.

D:

Installing the driver and repairing any damage it may cause will waste production time. This is contrary to the requirements stated in the question.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 4

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**QUESTION 97**

You are the desktop administrator for your company's sales department. There are 20 Windows 2000 Professional portable computers in the sales department. You need to upgrade these computers to Windows XP Professional.

You are able to successfully upgrade all 20 of the computers. However, one user reports that he is unable to open Add or Remove Program in Control Panel. You suspect that there is a corrupt .dll file.

You want to repair this user's computer with the least amount of administrative effort. What should you do?

- A. Run the Sfc.exe command to scan the computer.
- B. Run the Sigverif.exe command to verify file signatures.
- C. Run the Verify command to ensure file verification.
- D. Restart the computer, and select the last known good configuration.

Answer: A

Explanation: In Windows 2000 and Windows XP, the Windows File Protection (WFP) feature prevents overwriting or replacement of certain system files, such as system .dll files. A command-line utility called System File Checker (SFC.EXE) allows an Administrator to scan all protected files to verify their versions. SFC.exe scans all protected system files and replaces incorrect versions with correct Microsoft versions. In this scenario it seems likely that a system .dll is corrupted and should be replaced or repaired.

Incorrect Answers:

B: The Windows Signature Verification tool (Sigverif.exe) can be used to identify unsigned drivers on a Windows-based computer. However, it would not be able to repair or replace corrupted .dll files.

C: There is no specific command called Verify in Windows XP that verifies files. Instead the sfc.exe command

can be used to verify system files.

D:Last Known Good configuration would be useless since the computer has just been upgraded from Windows 2000 Professional.

Reference:

Windows 2000 Platform Development, Windows File Protection and Windows

Microsoft Knowledge Base Article (Q259283): How to Use the File Signature Verification Tool to Find Third-Party Drivers

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**QUESTION 98**

You are the desktop administrator for Certkiller . All client computers run Windows XP Professional.

Currently, 10 of the computers in the graphics department contain two processors.

You want to install a second processor in each of the remaining computers in the support department.

You install a second processor in a test computer. When you start the computer, the start process begins normally and then terminates. You receive the following error message:

"STOP: 0x00000079 HAL\_MISMATCH."

When you restart the computer, it stops again, and you receive the same error message. You remove the second processor, and the computer starts normally. When you attempt to install a second processor in a different test computer, the same STOP error occurs.

You need to eliminate the error so that you can install the second processor on all of the computers.

What should you do?

- A. Before you install the second processor, install the multiprocessor HAL on each computer.
- B. Before you install the second processor, configure the each computers system BIOS for multiprocessor APM.
- C. After you install the second processor, restart each computer by using the Recovery console, and copy the multiprocessor HAL files from the Windows XP Professional CD-ROM.
- D. After you install the second processor, start each computer in safe Mode. Configure the SSDP Discovery startup parameter to Manual.

Answer: A

Explanation: The hardware abstraction layer (HAL) on the Windows XP professional computer must be updated for it to recognize and use multiple CPUs.

Incorrect Answers

B:Advanced Power Management (APM) would not address the problem at hand.

C:This is not how a new HAL is installed.

D:Simple Service Discovery Protocol (SSDP) provides Universal Plug and Play functionality. However, it is not useful in providing multiprocessor support.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 11, Lesson 5

Microsoft Knowledge Base Article - Q299340: How to Force a Hardware Abstraction Layer During an Upgrade or New Installation of Windows XP,

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**QUESTION 99**

You are the desktop administrator for Baldwin Museum of Science. You are configuring a Windows XP

Professional desktop computer for a new employee named Maria.

Maria will be using the Magnifier utility. You need to configure the computer so that Maria can more easily distinguish between interface colors and fonts. You also need to configure Maria's screen to display fonts and colors designed for easy reading.

What should you do?

- A. In Accessibility Options, enable the Use High Contrast Display setting.
- B. Enable the Invert Colors setting for the Magnifier utility's configuration screen.
- C. In the Display Properties, change the Appearance settings to use the Windows Classic theme instead of the Windows XP theme.
- D. In the display Properties, change the system Display settings to enable large fonts.

Answer: A.

Explanation: We can use the Accessibility Program in Control Panel to enable and configure features that assist users who have low vision. To open the Accessibility dialog box click Start, click Control Panel, and then click Accessibility Options. In the Accessibility Options dialog box, select the Display tab to have access to options for visually-impaired users. Select the Use High Contrast check box to change the screen display to use colors and fonts designed for easier reading. Click the Settings button to select a high-contrast color scheme for your Windows XP system. The default high-contrast scheme is High Contrast Black (Large). Choose a scheme "extra large" in the scheme name is typically best. Use the Cursor Options section of the dialog box to change the appearance of the cursor so that it is easier to see. If we prefer the wizard interface to enable features, we could open the Accessibility Wizard.

Incorrect answers:

B: Invert colors setting being enabled will not have the desired effect in this case.

C: The Appearance setting has nothing to do with setting the contract levels of the display setting which is necessary since Maria need to be able to distinguish between interface colors and fonts.

D: Enabling large fonts will not set the contract to the desired levels to enable Maria to distinguish between interface colors and fonts.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 4

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### **QUESTION 100**

You are the administrator of 35 Windows XP Professional computers. Each computer has 196 MB of physical memory and a 300-MHz processor. Each hard disk has one 4-GB volume and is formatted as NTFS.

Users report only one problem with computer performance. When they use the mouse pointer to select multiple file icons, computer performance becomes very slow. You want to ensure that the computers do not slow down when users use the mouse pointer to select file icons. What should you do?

- A. Change the Folder Options to enable the Do not cache thumbnails option.
- B. Change the System Performance Options to disable the Show translucent selection rectangle option.
- C. Change the System Performance Options to disable the Show window contents while dragging option.
- D. Run the Diskperf utility to disable the disk performance counters.
- E. Run the Fsutil to prevent NTFS from updating the last access timestamp on files

Answer: B

Explanation: The 35 client computers seem to have some video performance problems when users select files. We could tweak this performance by disabling the Show translucent selection rectangle option.

Note: Other settings that could affect performance on systems with a slow video adapter are: Slide taskbar buttons Use drop shadows for icon labels on the desktop, Smooth edges of screen fonts, Fade or slide menus into view, Fade out menu items after clicking, Fade or slide ToolTips into view, and Show shadows under menus.

Incorrect Answers:

A: The Do not cache thumbnails option makes folders with thumbnail images start up faster. It would not affect selection of file icons.

C: The decreased performance is reported during file selection, not during dragging.

D: The disk performance counters overhead, which is minimal and should not be noticed, affects the overall performance of computers.

E: Do not apply.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 4

Windows Platform Development, Benchmarking on Windows XP

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**QUESTION 101**

You are a Help desk technician for Certkiller .com. All users have Windows XP Professional computers. All desktop computers in your company have dual Pentium III processors, 128 MB of RAM, and two hard disks, which are configured as shown in the table.

Physical disk	Partition	File System	Partition role
0	C	NTFS	System and boot
0	D	NTFS	Application storage
1	E	NTFS	Data storage

Users report that under normal working conditions, their computer performance is slow. When they run a large database application, computer performance becomes significantly slower. When the application processes large amounts of data, hard disk activity is very slow and no other applications can be run.

While monitoring the users' computers, you discover that when the database application is running, the sustained processor utilization on both processors is at 100 percent. There are also numerous hard page faults. When the application is not running, sustained processor utilization drops to 30 percent, but the number of hard page faults remains high.

You need to improve performance on the computers while minimizing hardware costs. Which two actions should you take? (Each

Answer: presents part of the solution. choose two)

A. Add RAM to each computer.

- B. Upgrade the processors in each computer.
- C. Move the paging file from the system partition to drive E on each computer.
- D. Move the paging file from the system partition to drive D on each computer.
- E. Increase the size of the paging file to at least twice the amount of RAM in each computer.

Answers: A, B.

Explanation: In Task Manager, page faults are the number of times data has to be retrieved from the hard disk for a process because it was not found in memory. We can resolve this problem by increasing system Ram. Furthermore, processor utilization that is above 80% for sustained periods of time indicate that the processor is not able to handle the workload required of it. We should thus upgrade the processor.

Incorrect Answers:

C:Placing the paging file on a drive that does not hold the operating system will improve the performance of the page file but the system does not have sufficient RAM. We should rather add more RAM.

D:Placing the paging file on a drive that does not hold the operating system will improve the performance of the page file but the system does not have sufficient RAM. We should rather add more RAM.

E:This will improve the performance of the page file but it will result in a larger paging file which is virtual memory and is the least efficient type of memory. Furthermore, it is recommended that the paging file should be 1.5 times the size of the RAM. We should thus rather add more RAM.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

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### **QUESTION 102**

You are the desktop administrator for Certkiller .com. All users in the network have Windows XP Professional computers. Users in the research department have dual-processor computers.

Users in the research department report that when they run 16-bit Windows programs, their computer performance becomes very slow. You use system monitor to monitor the users' computers. You discover that when the users are running their 16-bit applications, one processor shows a sustained utilization of more than 90 percent while the other processor only shows utilization of less than 10 percent.

You need to improve application performance for the users in the research department. What should you do?

- A. Configure each application to run in a separate memory space.
- B. Configure each application to run in A 1 priority class.
- C. For each application, set the compatibility mode to Windows 95.
- D. Configure processor affinity for each application to allow it to run on both processors.

Answer: A.

Explanation: In order for the legacy 16-bit program to take advantage of the preemptive multitasking feature of Windows XP they must be configured to run in separate memory spaces. This will allow Windows XP to assign 16-bit applications to the 2nd processor. This would increase performance.

Incorrect Answers:

B:This will have an adverse affect on other processes.

C:Setting the compatibility mode to Windows 95 could make some legacy program run in Windows XP. It will not make the legacy programs to run faster though.

D:16-bit programs are single threaded. This means they can only run on one processor, not two.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

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**QUESTION 103**

You are the administrator of 20 Windows XP Professional computers. Each computer has one hard disk that has three volumes named C, D, E. Each volume is 4 GB in size and has approximately 1 GB available space. The total physical memory of each computer is 196 MB in size. The paging file on each computer is located on drive D.

A user named Andrea reports that every day one hour after she start her Windows XP Professional computer, the computer appears to perform very slowly for 15 seconds. This always happens after she receives an error message stating that the system is low on virtual memory.

You want to improve the performance of Andrea's computer. You do not want to install additional memory.

What should you do?

- A. Increase the initial size of the paging file.
- B. Move the current paging file to the system drive.
- C. Increase the Buffers setting in the Config.sys file.
- D. Enable the Adjust for best performance of: System cache memory usage option.

Answer: A

Explanation: The virtual memory is reported low. Then the computer performs slowly for a short time period. No performance decrease is reported after this. It is most likely that the paging file is full when this message appears and then the size of the paging file is increased. During this operation the computer performs somewhat slowly.

The initial size of the paging file seems to be too low. By increasing it to an appropriate setting, it would not have to grow, and the error message and the short decreased performance interval would disappear.

Note: The default setting of the size of the paging file is 1.5 times amount of the RAM in the system.

Incorrect Answers:

B: The page file should be placed on a separate partition than the operating system, not the system partition, for better performance. Placing it on the system drive, the default selection, would not improve performance.

C: This is a setting used in older operating systems. It is no longer used.

D: The System cache option should be selected if your computer is used primarily as a server, or if you use programs that require a larger cache. This is not the case in this scenario.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

Microsoft Knowledge Base Article (Q308417): HOW TO: Set Performance Options in Windows XP

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**QUESTION 104**

You are the administrator of a Windows XP Professional computer named CertK . You run five 16-bit applications on CertK . You want to monitor the performance of the computer when all five applications run at the same time.

You use System Monitor to collect the performance data. The performance counters you want to include in your analysis are IO Read Bytes/sec, IO Write Bytes/sec, and Page Faults/sec. You want to ensure that you can collect these counters for each application.

What should you do?

- A. Run the five 16-bit applications in one process.  
Monitor each thread of Ntvdm.exe.
- B. Run each of the five 16-bit applications in its own memory space.  
Monitor each instance of the applications.
- C. Run the five 16-bit applications in Windows 95 compatibility mode.  
Monitor each instance of the applications.
- D. Start the five 16-bit applications by using the Start /normal command-  
Monitor each instance of the applications.

Answer: B

Explanation: In order to monitor performance counters for each 16-bit application we must run each application in a separate virtual machine (NTVDM.EXE). This is achieved by running in its own memory space.

Incorrect Answers

A: This would only enable us to monitor one set of counters.

C: The Windows 95 compatible mode is used to make legacy application run in Windows 98. However, it would not enable us to monitor performance counters for each application.

D: The Start /normal starts a program in with normal priority.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

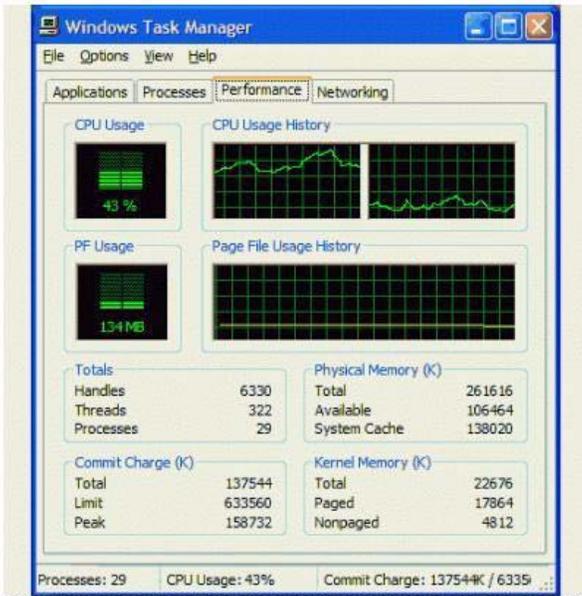
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### **QUESTION 105**

You are the desktop administrator for Certkiller .com. All employees in the Certkiller salesdepartment use identical dual-processor Windows XP Professional computers. The employees in the Certkiller salesdepartment use only 32-bit Windows applications.

Veronica is a user in the Certkiller salesdepartment. Veronica reports poor system performance when she runs a certain custom application. The application was designed for multiprocessor use with Windows 2000. Veronica reports that the performance problems have only recently begun.

You run Task Manager on Veronica's computer. You view the performance statistics shown in the exhibit.



You need to improve application on Veronica's computer. What should you do?

- A. Create a shortcut for the application that includes the Start /separate command in the command line.
- B. Configure the application to run by using Windows 2000 compatibility mode.
- C. Upgrade the system BIOS on Veronica's computer to Support Automatic Programmable Interrupt Controller (APIC) symmetric multiprocessing.
- D. Configure the processor affinity option on Veronica's computer so that all application processes use both processors.

Answer: D

Explanation:

The Windows task manager's shows that Windows has detected both CPUs. However, while the first CPU is under heavily load the second CPU is almost idle. We change the processor affinity configuration so that both processors will be utilized.

Incorrect Answers

A: The /separate switch is used to start 16-bit programs in a separate memory space. This method is not used to configure use of multiple CPUs.

B: Windows 2000 compatibility mode is mostly used to configure older games to run in Windows XP. It is not useful to configure use of the 2nd CPU.

C: The first exhibit shows that both CPUs have been detected already.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

### QUESTION 106

You are the desktop administrator for Certkiller .com. All users have Windows XP Professional or Windows 2000 Professional computers. Users in the accounting department run an application that requires several hours to process financial and accounting data.

Users in the accounting department report that when they run this application, the performance of other

business applications becomes significantly slower.

You need to allow the accounting application to run with the least amount of performance impact on the other business applications. How should you configure the users' applications?

- A. Configure all other business applications to have High priority.
- B. Configure all other business applications to have Realtime priority.
- C. Configure the accounting application to have AboveNormal priority.
- D. Configure all accounting application to have BelowNormal priority.

Answer: D.

Explanation: To resolve the problem in this scenario we must lower the priority of the accounting application. The priority must be lowered from Normal to either Low or to BelowNormal. This will result in less system resources being allocated to the application and will leave more resources for other processes. This would thus improve the performance of the other applications while allowing accounting application to run.

Incorrect Answers:

A:It would be best to lower the priority of the accounting application, rather than increase the priority of other applications because this could adversely affect the running of normal system processes. By lowering the priority of the accounting application, less system resources will be allocated to the accounting application and more system resources will be available the other processes.

B:It would be best to lower the priority of the accounting application, rather than increase the priority of other applications because this could adversely affect the running of normal system processes. By lowering the priority of the accounting application, less system resources will be allocated to the accounting application and more system resources will be available the other processes.

C:It would be best to lower the priority of the accounting application, rather than increase the priority of other applications because this could adversely affect the running of normal system processes. By lowering the priority of the accounting application, less system resources will be allocated to the accounting application and more system resources will be available the other processes.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

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### **QUESTION 107**

You are the desktop administrator for Certkiller . A user named Roger uses a custom software application on his Windows XP Professional computer. The application creates databases that require many hundreds of megabytes of storage space.

Roger's computer has two hard disks. Disk 0 is 2 GB in size, and disk 1 is 4 GB in size.

Disk 0 contains a partition that is named driveC. Drive Cis formatted as NTFS and has 50 MB of available space.

Disk 1 contains a partition that is named driveH. Drive His formatted as NTFS and has 2 GB of available space. Disk 1 also has 2 GB of unpartitioned space.

When Roger runs the custom application, he receives an error message from the application stating that the database must be created on drive C.

You need to ensure that the application functions properly. What should you do?

- A. Convert disk 0 to a dynamic disk.

- Extend volume C to include the unpartitioned space that is available on disk 1.
- B. Convert disk 0 to a dynamic disk.
- Create a stripe set that includes the unpartitioned space that is available on disk 1.
- C. Create a mount point on drive C that points to the root directory of drive H.
- D. Create a mount point on drive H that points to the root directory to drive C.

Answer: C

Explanation: Volume mount points allow a volume to be mounted on an existing folder rather than at the root of a new drive letter. Establishing a volume mount point for an empty NTFS directory allows an administrator to create new volumes without requiring additional drive letters.

We create a mount point on the volume that needs more space, Drive C, and points it to the volume which has the required free disk space.

Incorrect Answers

A: You cannot extend the current system or boot partitions. It is most likely that C is a system, boot partition, or both.

B: To make a stripe set we would have to delete the original information on Drive C.

D: This would extend the H volume with available Disk space on Drive C. This is opposite to what we want to achieve.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3

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### **QUESTION 108**

You are the administrator for Certkiller .com. You have just installed Windows XP Professional on a portable computer for a user named Andrew. The computer is configured to have a modem and Ethernet PC card.

At the office, Andrew uses his computer in a docking station. At home, he uses his computer in an undocked state by using the power adapter.

Andrew travels to customer locations frequently. While traveling, he creates and edits documents. When he returns from a customer location, he informs you that the battery power in his computer has not lasted as long as he would like.

You need to configure Andrew's portable computer to conserve battery power for his sales trips. What should you do?

- A. Modify the Device Manager settings to disable all devices used by the docked hardware profile
- B. Restart the computer in the undocked profile. In control panel, disable the server service in the services options
- C. Configure the hardware profiles so that the Undocked hardware profile is at the top of the list of available hardware profiles.
- D. Create a new hardware profile named Remote. Use Device Manager to disable the modem and Ethernet PC card devices for this hardware profile.

Answer: D.

Explanation: A hardware profile is used to store the configuration settings for a set of devices and services that are used on a computer. In Windows XP Professional you can create different hardware profiles to meet a user's

needs in different situations. The user can then choose the appropriate profile the Windows XP Professional should load when starting the computer. To ensure the optimal performance in different networking environments, we should create different hardware profiles that the users can choose from under different network environments. In this scenario we should create a profile that has the modem and Ethernet card disabled to save the battery resources used to power these cards. The user can then choose this profile when he is visiting client sites

Incorrect Answers:

A: Windows XP Professional automatically creates separate hardware profiles for portable computers for when they are docked and when they are undocked. The appropriate profile is automatically selected by the operating system when the computer is booted while in docked state and when it booted while in undocked state.

B: Disabling the server service will not save any battery power as it is a service and not a device. Devices consume power. Furthermore, by disabling the server service other user will not be able to connect to any shared drive or folder on our computer but we will still be able to access shared folders on other computers.

C: The modem and Ethernet card are enabled in the undocked profile. When you have a docked and undocked profile, the undocked profile will be loaded by default if the computer is undocked. The same goes for the docked profile when the computer is docked. Therefore the order in which they appear in the hardware profiles list would not make any difference.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

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### **QUESTION 109**

You are the desktop administrator for Certkiller .com. You install Windows XP Professional on your portable computer. The computer is configured to use an IEEE 1394 PC card. You use the computer to download pictures from a digital camera while you are at the office.

You attend a meeting every Monday. During the meeting you use a battery to supply power to your portable computer. Occasionally, the battery runs out of power during these meetings.

You need to configure the computer to conserve battery power while you attend your weekly meeting without affecting your power options when you use the computer at your office.

How should you configure your computer?

A. Use Device Manager to disable the IEEE 1394 PC card power device.

B. In control panel, select the Minimal Power Management power scheme in the Power Options Properties.

C. Create an additional hardware profile, and disable the IEEE 1394 PC card for this profile.

D. Use Device Manager to configure the IEEE 1394 PC card Host Controller power management scheme. Select the Allow this device to bring the computer out of standby check box.

Answer: C.

Explanation: To ensure the optimal performance in different networking environments, we should create different hardware profiles that the users can choose from under different network environments. We do not require the IEEE 1394 PC card at the meeting therefore we should create a profile that has the IEEE 1394 PC card disabled to save the battery resources used to power this card. We can then choose this profile when we are at the meeting.

Incorrect Answers:

A. Using Device Manager to disable the IEEE 1394 PC card would disable the device in the current profile. We should create a new profile by copying the current profile, provide a name for the copied profile and select the new profile when we reboot the computer. We can then disable the device in the new profile and will be able to select the new profile when we boot the computer at the meetings.

B. In the Minimal Power Management power scheme, some power management features, such as timed hibernation or a timed event that can put the disk drive in a sleep mode, are disabled. This will thus conserve less battery power than the default power scheme, which is the Always On power scheme.

D. Configuring a device to bring a computer out of standby mode will not decrease the device's power consumption. It will only configure the device to bring the computer out of standby mode when activity is detected in the device.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

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**QUESTION 110**

You are the desktop administrator for Certkiller .com. A remote sales representative named Laura uses a Windows XP Professional portable computer.

Laura travels to customer locations daily, and she usually works from home. She does not use a docking station when she starts the computer at home. Each time Laura starts her computer, she is prompted to choose between the Docked and Undocked hardware profiles from the Hardware Profile Menu.

You need to ensure that Laura is not prompted to choose a hardware profile each time she starts her computer. You also need to allow her computer to start automatically with the undocked profile and without delay.

How should you configure Laura's computer?

A. Modify the BIOS settings, and disable support for the docking station.

B. Modify the hardware profiles, and remove the Docked hardware profile.

C. Modify the Device Manager settings to disable all devices used by the docking station.

D. Configure the hardware profiles so that the Undocked hardware profile is the default hardware profile for startup.

Answer: B.

Explanation: There is no need for the docked profile because Laura does not use a docking station.

Incorrect Answers:

A: There is no such BIOS setting.

C: She would still be prompted to choose a hardware profile.

D: She would still be prompted to choose a hardware profile. After a set period of time, the undocked profile would be selected by default.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

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**QUESTION 111**

You are a help desk administrator for Certkiller .com. You install Windows XP Professional on all portable computers in the marketing department.

Users in this department bring their computers from their offices to a conference room for a weekly marketing meeting. These users need a simple method to manually place their computers in a low-power state without using the Start button. Additionally, they need their computers to start as quickly as possible.

You need to configure the Power Options on the portable computers to meet these requirements. What should you do?

- A. Configure the power button on each computer to enable hibernation.
- B. Configure the computers to enable standby when the lid is closed.
- C. Configure all the computers to use the Portable/Laptop power scheme.
- D. Configure the computers to use the Minimal Power Management power scheme.
- E. Configure the Critical Battery Alarm on the computers to hibernate when the battery capacity reaches 3 percent.

Answer: B.

Explanation: 'Standby' is the quickest sleep mode to wake up from. The hard disks and screen are turned off but the RAM is kept running by using a small amount of power. You can configure the machine to do different things when the lid is closed, such as shutdown, hibernate or standby. Here we should use standby to enable the machines to wake quickly.

Incorrect Answers:

A: The Hibernation option copies the contents of RAM to the hard disk and then shuts down the computer. When the computer is reactivated, the operating system is restarted and the contents of the RAM that was saved to the hard disk is reloaded. This process takes longer than waking from standby mode.

C: Configuring all the computers to use the Portable/Laptop power scheme will enable the computers to standby or shutdown after a certain amount of idle time.

D: In the Minimal Power Management power scheme, some power management features, such as timed hibernation or a timed event that can put the disk drive in a sleep mode, are disabled. This will not enable a quick standby.

E: As a precaution we should configure the Critical Battery Alarm on the computer. However, this will not resolve the problem at hand. We need a quick, manual way of putting the laptops into standby mode.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

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## **QUESTION 112**

You are the administrator of 15 Windows XP Professional portable computers in the sales department of Certkiller.com. The company network uses DHCP to configure the IP addresses of the portable computers when the computers are used in the office.

Company policy allows the company portable computers to be connected to users' home networks. The sales department reports that users who use home networks that have manually configured IP addresses are unable to connect the portable computers to their home networks.

You want to ensure that users can connect portable computers to their home networks when they are at home and to the company network when they are in the office. You do not want to change the administrative privileges of the sales department users.

What should you do?

- A. Configure the network adapters of the portable computers to enable Internet Connection Sharing (ICS).
- B. Configure the network adapters of the portable computers to enable Automatic Private IP Addressing (APIPA).
- C. Add a script to the users' desktops that changes the IP configuration between dynamic and manual.
- D. Configure the IP properties of the portable computers so that they have an alternative configuration.

Answer: D

Explanation: The Alternative configuration feature enables mobile computers to have two different IP configurations, for example one at the office and one at home.

Incorrect Answers:

A:ICS allows an Internet connection to be shared. ICS is not useful in this scenario, however, since ICS will not help with two different IP configurations on the same computer.

B:APIPA allows DHCP configured clients to use a private IP configuration when a DHCP server is unavailable. It is not useful in this scenario, however, since ICS will not help with two different IP configurations on the same computer. APIPA is not useful in this scenario, however, since APIPA will not help with two different IP configurations on the same computer.

C:It would be awkward and require much effort to write and apply a script that changes IP configuration between dynamic and manual.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

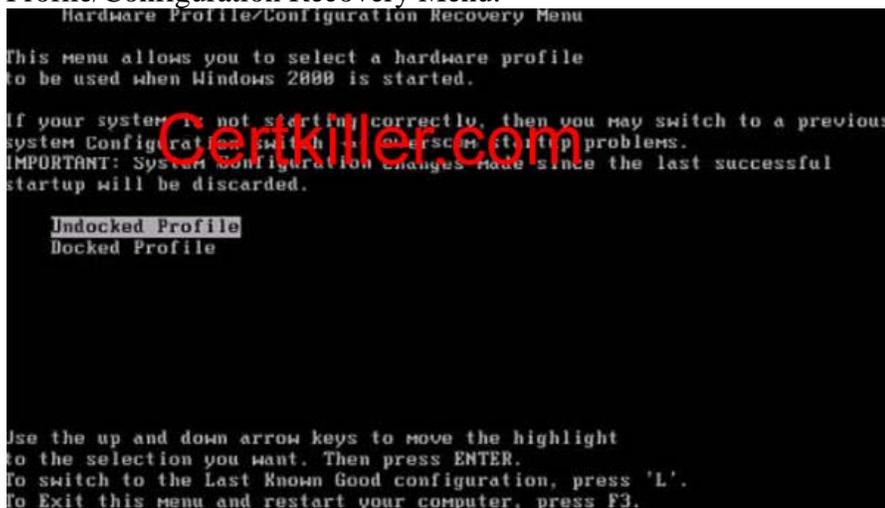
Microsoft Knowledge Base Article (Q283676): HOW TO: Use the Alternate Configuration Feature for Multiple Network Connectivity in Windows XP

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### QUESTION 113

You are the network administrator for Certkiller .

An employee uses a Windows XP Professional portable computer. When he starts the computer, Windows XP prompts him to select in either a docked or an undocked mode as shown in the Hardware Profile/Configuration Recovery Menu.



The employee primarily works out of the office and does not use a docking station when he is in the office.

You want to configure his portable computer so that it will not prompt him to select a docked or an undocked mode.

What should you do?

- A. Modify the portable computer's BIOS settings, and disable support for the docking station.
- B. Modify the portable computer hardware profile settings to select the first profile listed if a profile is not specified. Set the number of seconds to wait to zero.
- C. Modify the portable computer's device settings to disable the Unplug Devices icon in the system tray.
- D. Modify the portable computer's hardware profiles, and position the Docked hardware profile at the top of the list of hardware profiles.

Answer: B

Explanation: The portable computer is configured with two hardware profiles, but we only need one hardware profile. If we go into the System Properties and select the Hardware tab, then click the Hardware Profiles button, we can configure the hardware profiles. Here we can either delete the unwanted profile (which isn't given as an answer in this question), or we can select a default profile and configure the computer to display the profile list for zero seconds, thus not displaying the list at all.

Incorrect Answers:

A: Disabling support for a docking station will not remove the unwanted hardware profile.

C: The Unplug Devices icon cannot be used to remove a hardware profile and should not be disabled.

D: The default hardware profile is the one at the top of the profile list. If we moved the docked profile to the top docked profile.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

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### **QUESTION 114**

You are the desktop administrator for Certkiller . Tom is a user in Certkiller 's accounting department. Tom uses a Windows XP Professional portable computer.

Tom reports that when the computer is unlocked, it randomly displays the following error message: "JZXDRV.dll failed to load". You discover that the JZXDRV.dll file is used by the device driver for an external storage device that is connected to Tom's docking station. Tom reports that the error message does not appear when the computer is docked.

You need to ensure that the error does not occur on Tom's computer. You also need to ensure that the storage device continues to function correctly when Tom's computer is docked.

What should you do?

- A. Remove the storage device from the hardware profile on Tom's computer.
- B. Create a local user account for Tom on his computer. Copy the JZXDRV.dll file to the profile folder for Tom's local user account. Instruct Tom to log on to his computer by using his local user account whenever the computer is unlocked.
- C. Copy the computer's default hardware profile to create a new hardware profile named Undocked. Remove the storage device from the Undocked hardware profile.
- D. Copy the computer's default hardware profile to create a new hardware profile named Unlocked. Disable the storage device in the Undocked hardware profile. Instruct Tom to start the computer by using the Undocked

hardware profile whenever the computer is undocked.

Answer: D

Explanation: The purpose of hardware profiles is to load different sets of device drivers according to which profile is selected. In this question, we have a docking station with an external storage device attached. Therefore, we want to load the driver for the external storage device when the computer is docked, but not when the computer is undocked. To do this, we can create another hardware profile to be used when the computer is undocked. We can configure the undocked profile to not load the driver by disabling the external storage device in Device Manager.

Incorrect Answers:

A: We need the storage device driver to load when the computer is docked. Therefore, we should not remove the device from the existing hardware profile.

B: There is no need to create another user account. Furthermore, copying the JZXDRV.dll file to the profile folder will not cause the driver to load.

C: This answer is close but not quite correct. We need to instruct Tom to start the computer by using the Undocked hardware profile whenever the computer is undocked.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 3 & Chapter 15, Lesson 6

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**QUESTION 115**

You are the network administrator for Certkiller .com.

You use Windows Backup to back up the files on your Windows XP computer. Your computer is configured to automatically perform a nightly backup of the files on drive D according to the schedule in the table below.

Day	Time	Backup Type
Monday	11:00 p.m.	Incremental
Tuesday	11:00 p.m.	Incremental
Wednesday	11:00 p.m.	Incremental
Thursday	11:00 p.m.	Incremental
Friday	11:00 p.m.	Normal
Saturday	11:00 p.m.	Incremental
Sunday	11:00 p.m.	Incremental

On Monday morning, drive D on your computer fails. You replace the failed hard disk with a new hard disk.

You want to restore your files on drive D to the new hard disk. You want to recover as much data as possible.

In what order should you restore your data?

To answer, drag the appropriate day from the Actions area to the appropriate field in the Objects area in the correct order.

Actions		Objects
Monday	Friday	Place here
Tuesday	Saturday	Place here
Wednesday	Sunday	Place here
Thursday		Place here
		Place here

Answer:

Actions		Objects
Monday	Friday	Friday
Tuesday	Saturday	Saturday
Wednesday	Sunday	Sunday
Thursday		Place here
		Place here

Explanation:

During a normal backup, all selected files and folders are backed up. A normal backup doesn't rely on markers to determine which files to back up. During a normal backup, any existing marks are cleared and each file is marked as having been backed up. Normal backups speed up the restore process because the backup files are the most current and you don't need to restore multiple backup jobs.

During an incremental backup, only selected files and folders that have a marker are backed up, and then the backup clears markers. Because an incremental backup clears markers, if you did two incremental backups in a row on a file and nothing changed in the file, the file would not be backed up the second time.

Normal and incremental backups: On Friday a normal backup is performed, and on Saturday through Thursday, incremental backups are performed. Incremental backups clear markers, which mean that each backup includes only the files that changed since the previous backup. If data becomes corrupt on Monday morning, you need to restore the normal backup from Friday and all incremental backups, from Saturday through Sunday. This strategy takes less time to back up but more time to restore.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 637-639

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**QUESTION 116**

You are the desktop administrator for Certkiller . A graphics designer named Eric installs a photo editing application on his Windows XP Professional computer. After the installation, performance on his computer is significantly slowed.

In an attempt to resolve the problem, Eric uninstalls the photo editing application and restarts his computer. However, performance is not improved.

You want to ensure that you preserve Eric's data and his computer settings while returning his computer to its previous working condition as quickly as possible. What should you do?

- A. Restart the computer with the last known good configuration.
- B. Use Disk Defragmenter on the computer's hard disk.
- C. Restore Windows XP Professional by using the most current system restore point.
- D. Restore Windows XP Professional by using an Automated System Recovery (ASR) backup.

Answer: C

Explanation: System Restore works a lot like the Undo command in Microsoft Word. You can use System Restore to remove any system changes that were made since the last time you remember your computer working correctly. System Restore does not affect your personal data files (such as Microsoft Word documents, browsing history, drawings, favorites, or e-mail) so you won't lose changes made to these files.

Windows XP periodically records a snapshot of your computer. These snapshots are called restore points.

Windows XP also creates restore points at the time of significant system events (such as when an application or driver is installed) or you can create and name your own restore points at any time. If you've installed a program that has made your computer unstable, you can open system restore, choose a restore point, and return your computer to its previous stable state.

Incorrect Answers:

A:The last known good configuration starts the computer with the registry in the same state as the time of the therefore, this solution won't work in this scenario.

B:Defragmenting a hard disk can improve disk performance by improving read/write times. However, it will not return the computer to its previous working condition.

D:Automated System Recovery is used to recover a system that will not start. The computer starts in this question but is unstable. Therefore, ASR won't work in this scenario.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 637-639

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**QUESTION 117**

You are the desktop administrator for Certkiller . You have just deployed new Windows XP Professional computers to all graphic designers. Each computer has a built-in tape drive for data backups.

The graphic designers need to back up their own data to the tape drive. You add all graphic designer's user accounts as members of the Backup Operators group on their computers. Then you instruct the graphic designers to create a full backup of all their data every Monday morning.

The graphic designers need to back up all of their data once a week. They also need to back up all the changes since the last full backup. The graphic designers want to use a backup method that allows them to recover their data as quickly as possible.

What should you advice the graphic designers to do?

- A. Perform a Differential backup every Monday. Create an Incremental backup for Tuesday, Wednesday, Thursday, and Friday.
- B. Perform a Daily backup every Monday. Create a Differential backup for Tuesday, Wednesday, Thursday, and Friday.
- C. Perform a normal backup every Monday. Create a Differential backup for Tuesday, Wednesday, Thursday, and Friday.
- D. Perform a copy backup every Monday. Create an Incremental backup for Tuesday, Wednesday, Thursday, and Friday

Answer: C

Explanation: To back up all the changes that were made since the last full backup, we would need to perform a differential backup.

A Differential back up only backs up files and folders that are marked as having been altered since the last full backup but does not clear these markers. These markers are called archive bits. Thus, if we performed two differential backups on a file that has been altered since the last full back up but not since the last differential backup, the file would be backed up on both occasions.

This provides the quickest recovery method as we would have to restore only the most recent full backup and the most recent differential backup.

Incorrect Answers:

A: When we perform

an incremental backup, the archive bits are cleared and the files are marked as having been backed up. Thus, if we performed a second incremental backup on a file that has been altered since the last full backup but not since the last incremental backup, that file would not be backed up the second time. Using incremental backups increases the time required to recover data as we would need to restore the data from the last full backup, then from the last differential backup and then all the incremental backups that were performed since the last differential backup. These incremental backups would be restored in sequence from the first to the most recent backup since the last full of differential backup. Furthermore, we cannot have a backup scheme that only

B: When we perform a daily backup, we backup all the files that have changed during the day. This type of backup uses the date stamp of each file to determine which files should be included in the backup and does not clear the archive bit. The files are thus not marked as having been backed up. Therefore, if we perform an incremental backup after performing a daily backup, the files that were backed up during the daily backup would also be backed up during the incremental backup. Furthermore, we cannot have a backup scheme which

D: When we perform a copy backup, all the selected files are backed up but the archive bit is not cleared. The files are thus not marked as having been backed up. Therefore, if we perform an incremental backup after performing a daily backup, the files that were backed up during the daily backup would also be backed up during the incremental backup. Furthermore, we cannot have a backup scheme which only includes daily and Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 637-639

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## QUESTION 118

You are the desktop administrator for Wingtip Toys. Management requires that a standard user profile be created for all domain user accounts. Additionally, the standard profile must be protected so that domain users cannot make permanent changes to the standard profile.

You create a company standard user profile. You require all domain user accounts to use this profile. Later, users report that the changes they make to their desktop are overwriting the standard profile settings.

What should you do to ensure permanent changes cannot be made to the standard user profile?

- A. Open the local default user profile. Rename ntuser.dat to ntuser.man.
- B. Enable the local Group Policy to exclude directories in roaming profile for all users in the Wingtip Toys domain.
- C. Open control panel. In system properties, copy the standard user profile to the profile server. Grant the Everyone group Allow-Full Control permission on the copied profile. Change the profile type from Local to Roaming.
- D. Open control panel. In system properties, copy the standard user profile folder to the profile server. Grant the Everyone group Allow-Full Control permission on the copied profile. Name the directory that contains the standard user profile to standard man.

Answer: A.

Explanation: A mandatory user profile is a preconfigured user profile. The user can still modify the desktop, but the changes are not saved when the user logs off. The next time the user logs on, the mandatory user profile is downloaded again. User profiles become mandatory when you rename the NTuser.dat file on the server to NTuser.man. This extension makes the user profile read-only.

Incorrect Answers:

- B: Simply rename the user profile to ntuser.man. Changing the Group Policy in this way is not possible.
- C: Making the profile roaming would allow the users to keep their settings as they use different clients in the network. But this is not the requirement. The requirement was that no changes can be made to the standard user profile.
- D: Renaming the directory where the profile file is copied to standard man has no significance.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 3, Lesson 4

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### **QUESTION 119**

You are the desktop administrator for Certkiller, Ltd. A graphic designer named Peter saves all his files in the My Documents folder on his Windows XP Professional computer. Peter now needs to work on several computers each day to complete his work.

Peter needs to be able to access his files at any time. You implement a roaming user profile and a home directory for Peter. However, Peter reports that when he uses his roaming profile, it takes 10 minutes for him to log on to computers other than his own.

You need to reduce the amount of time it takes for Peter to log on to computers when using his roaming profile. What should you do?

- A. Change the UNC path of Peter's roaming profile to his home directory folder.
- B. Log on as a local administrator on Peter's computer. Change the roaming profile to a local profile.
- C. Log on as a local administrator on Peter's computer. Edit the local Group Policy to exclude Directories in Roaming Profile.

D. Log on as a local administrator on Peter's computer. In the properties of the My Documents folder, change the Target folder location to Peter's home directory.

Answer: D.

Explanation: Every time Peter logs on to another computer than his own, the whole content of the My Documents folder has to be copied. This increases Peter's logon time. By changing the Target folder location of the My Documents folder to Peter's home directory these files and folders would be moved to a central location in a server and would not have to be copied during the logon process.

Incorrect Answers:

A: This will not affect the logon time. The UNC path must point to his profile. If you moved his profile to the home directory then changed the UNC path, it would take him longer to log on to his own machine.

B: We need a roaming profile, not a local one.

C: Logon time could be improved by using the Exclude directories in roaming profile policy and adding the My Documents folder to the list of excluded folders. But it would prevent Peter from accessing his files when he using other computers than his own.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 3, Lesson 4

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### **QUESTION 120**

You are deploying new Windows XP Professional computers in Certkiller .com. All employees will receive new computers, and their old Windows 98 and Windows 2000 Professional computers will be sold to another company.

You must ensure that each employee's documents, personal data, Microsoft Office XP settings, and desktop settings are copied from their old computers to their new computers. You want this data to be copied to the new computer when Windows XP Professional is installed.

What should you do?

- A. Run the Scanstate utility on each employee's computer. Save the information generated by the utility to a shared folder on the network. Run the Loadstate utility in the installation script for each employee's new computer, specifying the shared folder on the network as the state source.
- B. Start each employee's old computer in the Recovery console. Copy the Registry files, documents, and personal data to a removable storage device. In each new computer's installation script, copy the information from the removable storage device to each new computer.
- C. Use Windows Explorer to copy all documents and personal data from each employee's old computer to each new computer. Run the Regedit command to export the Registry to a .REG file. In the installation script for each new computer, copy the documents and personal data to the computer, and import the .REG file.
- D. Run the Sysprep utility on each employee's old computer. Use a third-party disk-imaging software utility to create an image of the hard disk. After installing Windows XP Professional, apply the hard-disk image to each new computer.

Answer: A.

Explanation: The scanstate and loadstate tools are part of the User State Migration Tool. These tools can be used to collect user data and settings from one machine and load them on to another machine.

Incorrect Answers:

B: This is an unnecessarily long way of achieving the desired results. It wouldn't work since the registry files would be incompatible with Windows XP.

C: This is an unnecessarily long way of achieving the desired results. It wouldn't work since the registry files would be incompatible with Windows XP.

D: The image will be an image of the old system. Applying the image will overwrite the XP installation.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 3, Lesson 4

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### **QUESTION 121**

You are the domain administrator for Certkiller .com. Roaming profiles are enabled for all users in the salesdepartment. Roaming profiles are stored on a server named Certkiller 1, in a shared folder named Profiles.

Roger is a user in the sales department. Susan is Roger's manager. Susan reports that Roger modifies his desktop settings, which results in the need for help desk assistance and in lost productivity for Roger.

You want to ensure that Roger cannot modify his roaming profile. What should you do?

A. In Active Directory Users and Computers, on Roger's profile tab, change the profile path to \\Server1\Profiles\%username%.dat.

B. In Active Directory Users and Computers, on Roger's profile tab, change the profile path to \\Server1\Profiles\%username%.man.

C. In Roger's profile on Server1, change the file name of Ntuser.dat to Ntuser.man.

D. In Roger's profile on his computer, change the file name of Ntuser.dat to Ntuser.man.

Answer: C

Explanation: Ntuser.dat is the default profile which can be changed by the user. The Ntuser.man is the mandatory profile which cannot be changed by the user. We create the mandatory profile by changing the name of the default profile. Since we use roaming profiles we must change the profile that is located on the server.

Incorrect Answers

A: This is the path that is currently used.

B: There are no mandatory profiles created by default. We must create them ourselves.

D: We should not change the local profile. We must change the roaming profile located on the server.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 3, Lesson 4

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### **QUESTION 122**

You are the desktop administrator for Certkiller .com's salesdepartment. Carlos is the manager of the salesdepartment.

Carlos designs a new custom bitmap graphic that he wants to use for the desktop background on all of the computers in the salesdepartment conference rooms. He wants the graphic to be displayed after each computer starts, but before the user logs on. He named the graphic Background.bmp.

You log on to each computer as the local Administrator. What should you do on each conference room computer?

- A. Load %systemdrive%\Documents and Settings\Default User\Ntuser.dat into the Registry Editor. Modify Ntuser.dat to use Background.bmp. Export Ntuser.dat from the Registry Editor.
- B. Load %systemdrive%\Documents and Settings\Default User\Ntuser.dat into the Registry Editor. Modify Ntuser.dat to use Background.bmp. Unload Ntuser.dat from the Registry Editor.
- C. Using the Registry Editor, modify HKEY\_CURRENT\_USER to use Background.bmp.
- D. Using the Registry Editor, modify HKEY\_USERS\DEFAULT to use Background.bmp.

Answer: D

Explanation: To change the Windows Logon Background open your registry and find the HKEY\_USERS\DEFAULT\Control Panel\Desktop, Key: Value Name: Wallpaper. Modify the value of 'Wallpaper' to equal the path and filename of the bitmap (BMP) file you want to use as the background (e.g. 'c:\windows\Background.bmp'). Restart Windows for the changes to take effect.

Incorrect Answers

A, B:Ntuser.dat cannot be loaded into the registry.

C:This is the incorrect key.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 3, Lesson 4

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### **QUESTION 123**

You are the desktop administrator for Certkiller .com'ssales department. All client computers run Windows XP Professional. Certkiller .com's IT manager configures salesdepartment home folders, roaming profiles, and folder redirection for the My Documents folder to use a server in the salesdepartment.

Billy Bob is a user in the salesdepartment. He reports that when he is in the office, he can use any computer in the office and access the files he placed on the desktop. However, when he takes his portable computer home from the office and dials in to the network, he cannot always access the files he has placed on the desktop.

You need to ensure that Billy Bob can always access the files he places on the desktop.

What should you do?

- A. Enable the Maximum Retries to unload and update user profile policy.
- B. Enable the Group Policy slow link detection policies in the User and Computer nodes.
- C. Enable the Turn off background refresh of Group Policy policy.
- D. Enable the Wait for Remote User Profile policy.

Answer: D

Explanation: The Wait for Remote User Profile policy directs the system to wait for the remote copy of the roaming user profile to load, even when loading is slow. If you disable this policy or do not configure it, then when a remote profile is slow to load, the system loads the local copy of the roaming user profile.

Incorrect Answers

A: The Maximum Retries to unload and update user profile policy is applied when a user logs off the system, not at logon. The policy determines how many times the system tries to unload and update the registry portion of a user profile.

B: The Group Policy slow link detection policy is used to detect slow links. This would not be useful here however, since we want the remote client to use remote copy of the roaming user profile.

C: Enabling Turn off background refresh of Group Policy would not enable any policies until the user has logged on. This would not address the current problem however.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 3, Lesson 4

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**QUESTION 124**

You are the desktop administrator for Wide World Importers. You have installed Windows XP Professional on a portable computer for a user named Bruno. Bruno travels between the main office in New York and the branch office in Tokyo. Bruno needs to create documents in the English and Japanese languages.

You need to provide an easy method for Bruno to switch between languages. You also need to allow Bruno to create documents in the selected language immediately.

How should you configure the Regional and Language Options on Bruno's computer?

A. In the Languages options, configure the Language bar to show additional Language bar icons.

B. In the Languages options, select the Install files for complex script and right-to-left languages (including Thai) check box.

C. In the Languages options, select the Install Files for East Asian languages check box. Add Japanese as an input language.

D. In the Advanced options, select Japanese as the Language for non-Unicode programs. In the Language options, add the Japanese keyboard/ME layout.

Answer: C.

Explanation: In the Windows operating systems, a locale is a set of user preference information related to the user's language, environment and/or cultural conventions. We must install the Japanese input locale, and in order to do so we must install the Japanese language group. The Japanese language group is included in the East Asian language collection.

In order to use one of the locales it is necessary to have the appropriate Language Group installed. Open Control Panel, start Regional Options, click on Languages tab. In Supplemental language support box, check the Install Files for East Asian languages and click OK. Additional files will be copied to your machine. We may need to provide the Windows XP CD or the network share name. After reboot, support for new languages will become available.

Incorrect Answers:

A: The Language bar is used for Speech and Handwriting Recognition, not for multiple input languages. HOW TO: Use the Language Bar in Windows XP (Q306993)

B: The Complex Script and Right-to-Left Language Collection can be installed to support languages such as Arabic, Hebrew, Indic, or Thai. This option is not used for Japanese.

D: Non-UNICODE programs options are only used for legacy programs. There seems to be no such

requirement here.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 4

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**QUESTION 125**

You are the desktop administrator for Blue Yonder Airlines. You have recently upgraded a client computer to Windows XP Professional. Before the upgrade, the computer had the Multilanguage edition of Windows 2000 Professional installed.

After the upgrade, the users of this computer report that the Regional and Language Options no longer provides the option to switch between the English and the Japanese user interface. As a result, only the English user interface can be used.

You need to configure the computer to use the Japanese and English user interfaces. What should you do?

- A. Use the Regional and language options to add the Japanese Input Language.
- B. Run Muisetup.exe from the Multilanguage CD-ROM to install the Japanese user interface. Restart the computer.
- C. Use the regional and language options to install files for East Asian languages, and to switch between the English to the Japanese user interface.
- D. Use the Regional and Language Options to install files for complex script and to right-to-left languages, and to switch between the English to the Japanese user interface.

Answer: B.

Explanation: The users want to be able to switch between the English and Japanese user interface. They have a multilingual version of Windows XP Professional but they are not able to switch to Japanese using the Regional and Language options. The Japanese language has to be added. User Interface languages can be easily added or removed through use of MUISetup.exe, the installation tool. The tool is very similar to the Regional Options control panel, and can be used by administrators to select which of the available languages to add or remove.

Incorrect Answers:

A: We have to add the Japanese language pack.

C: We have to add the Japanese language pack.

D: We have to add the Japanese language pack.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 4

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**QUESTION 126**

You are the desktop administrator for Wide World Importers. The company has a main office in New York and a branch office in Paris. A user named Irene travels to and from the branch office.

During Irene's last trip, the desktop administrator at the Paris office configured Irene's Windows XP Professional portable computer to display the French date and time settings. When Irene returns to the main office in New York, all of her e-mail messages display the French date and time settings.

You need to change Irene's date and time settings back to the English format. What should you do?

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- A. In the Regional and Language Options, apply the English user interface.
- B. In the Regional and Language Options, apply the English input language keyboard.
- C. In the regional and language options, apply the English (United States) Standards and Formats.
- D. In the date and time options, select the English language.
- E. In the date and time options, change the Time Zone to Eastern Time (US & Canada).

Answer: C.

Explanation: In this scenario we must change the date format to English. To do this we must open Control Panel, open Regional and Language Options, select Regional Options tab, and under Standards and Formats select English.

Incorrect Answers:

- A: We want to change the Date format not the user interface.
- B: We want to change the Date format not the input language.
- D: We cannot select the preferred language in date and time options.
- E: We want to change the Date format not the time zone.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 4

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**QUESTION 127**

You are a help desk technician for Certkiller .com. You have created a Windows installer package and a transform file with custom changes for a third-party application. You install the Windows installer package on your Windows XP Professional computer. After the installation is complete, you notice that none of the custom changes have been applied.

You need to install the Windows installer package and the custom changes on your computer only. What should you do?

- A. Start the Windows Installer service, and install the package.
- B. Create a ZAP file for the package, and redeploy the package.
- C. From a command prompt, use the Msiexec utility to repair the package.
- D. Install the Windows installer package by using an .mst file.

Answer: D.

Explanation: In this scenario we installed the Windows installer package but not the transform file. A transform file is an .mst file which should be used when installing the package.

Incorrect Answers:

- A: As the service is running, the program is installed.
- B: The program has installed properly with an .msi file therefore we need not create a .zap file.
- C: The package installed so it does not need repairing, it just needs the .mst file added.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

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**QUESTION 128**

You are the administrator of a Windows XP network that has 1,500 Windows XP Professional computers. Microsoft Office XP was assigned to all the computers on the network by using a Group Policy Object (GPO).

You deploy the Office XP service release to all the Windows XP Professional computers on the network. The service release, in addition to other software that had been assigned, fails to install on only one of the computers.

What should you do?

- A. Redeploy the service release by using a .Zap file.
- B. Redeploy the service release by using a .mst file.
- C. Restart Windows installer on the domain controller.
- D. Restart Windows installer on the computer that failed to install the service release.

Answer: D

Explanation: As the deployment works on 1,499 out of 1,500 computers, the most likely problem lies with that particular computer. The first option in attempting to solve the problem is to restart the Windows installer on that computer.

Incorrect answers:

A: There is no need to redeploy the service release as it worked successfully on all the other computers.

B: There is no need to redeploy the service release as it worked successfully on all the other computers.

C: The Windows installer service on the domain controller is not used in the deployment process of the clients.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 19, Lesson 4

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**QUESTION 129**

You are the administrator of 150 Windows XP Professional computers. The computers are members of a Windows 2000 domain. You use Group Policy objects (GPOs) and Windows Installer to install applications on the computers.

Users in the App Managers group frequently need access to new applications. You want to deploy the applications so that they can be used from all 150 Windows XP Professional computers. You do not want the deployed applications to appear on users' Start menus before the applications are installed.

What should you do?

- A. Use a GPO linked to the domain to assign the new applications to users.  
Filter the GPO for the App Managers group.
- B. Use a GPO linked to the domain to publish the new applications to users.  
Filter the GPO for the App Managers group.
- C. Use a GPO linked to the domain to assign the new applications to computers.  
Filter the GPO for the App Managers group.
- D. Use a GPO linked to the domain to publish the new applications to computers.  
Filter the GPO for the App Managers group.

Answer: B

Explanation: Published applications do not appear in the Start menu. You must install them with the Add/Remove Programs Control Panel applet. Applications can only be published to users, not to computers.

Incorrect Answers:

A: We cannot use assigned applications as they appear on the Start menu.

C: We cannot use assigned applications as they appear on the Start menu.

D: Applications cannot be published to computers, only assigned.

Reference:

Microsoft Windows 2000 Server White Paper, Windows 2000 Group Policy

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### **QUESTION 130**

You are the desktop administrator for your company's sales department. The IT manager for the sales department needs to distribute three custom applications to the department's Windows XP Professional computers. She deploys these applications by using Group Policy.

Some users report that they must log several times before the newly deployed applications are present on their computers. You need to ensure that all software is deployed the next time the users log on.

What should you do?

A. Enable the Always wait for the network at computer startup and logon policy.

B. Enable the Always use classic logon policy.

C. Enable the Turn off background refresh of Group Policy policy.

D. Enable the Group Policy slow link detection policy.

Answer: A

Explanation: By default Windows XP clients, contrary to Windows 2000 clients, use Fast Logon Optimization.

This results in the asynchronous application of policy when the computer starts up and when the user logs on.

This makes the logon process faster, but some GPOs might not be applied. To ensure that all GPOs are applied we should enable the Always wait for the network at computer startup and logon policy. This would force the Windows XP clients to process the GPOs synchronously which guarantees that they are all applied.

In this scenario this would ensure that all published software would be deployed next time the users log on.

Incorrect Answers:

B: The Always use classic logon policy only overrides the default simple logon screen and uses the logon screen from previous versions of Windows. It would not affect the processing of GPOs.

C: The Background Refresh of Group Policy determines how often the GPOs are refreshed. If we enable the Turn off background refresh of Group Policy no GPOs would be refreshed. This would not address the current problem.

D: The Group Policy slow link detection policy defines a slow connection for purposes of applying and updating Group Policy. There is no indication that any slow WAN links are used in this scenario however.

Reference:

Professor Windows - February 2002, Managing a Windows 2000 Domain with Windows XP Professional Clients Present

MSDN, Platform SDK: Policies and Profiles, Logon Optimization

Microsoft Windows XP Professional Administrator's Pocket Consultant, Chapter 8, Working with Logon and Startup Policies

MSDN, Platform SDK: Policies and Profiles, Background Refresh of Group Policy  
Windows 2000 Server documentation, Policy for Group Policy: User configuration

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**QUESTION 131**

You are the desktop administrator for Certkiller 's sales department. The IT manager for the sales department creates a custom policy that will apply to a custom application that is loaded on the department's Windows XP Professional computers. He deploys this policy by using Group Policy. When you inspect the sales department's computers, you find out that the application has not been modified by the policy. You want to examine Windows XP Professional to find out whether the custom policy is affecting the correct location in the Registry.

Which command should you run?

- A. Msinfo32.exe
- B. Gpresult.exe
- C. Gpedit.msc
- D. Rsop.msc

Answer: B

Explanation: Gpresult.exe is used to examine the effects of group policies. This tool is useful when you have multiple GPOs applied to an object at different levels. Gpresult.exe will show you the combined effect of all the applied GPOs.

Gpresult also provides the following information about Group Policy:

- \*The last time policy was applied and the domain controller that applied policy, for the user and computer.
- \*The complete list of applied Group Policy objects and their details, including a summary of the extensions that each Group Policy object contains.
- \*Registry settings that were applied and their details.
- \*Folders that are re-directed and their details.
- \*Software management information detailing assigned and published applications.
- \*Disk quota information.
- \*IP Security settings.
- \*Scripts.

Incorrect Answers:

A: Msinfo32.exe is the system information utility. This is not used to display group policy information.

C: Gpedit.msc is used to edit group policy. It does not show the final settings that are applied to an object.

D: RSOP.msc (Resultant Set Of Policy) is the GUI version of the gpresult.exe command. This answer would work, but the question asks, "Which command should you run?"

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 239

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**QUESTION 132**

You are a desktop administrator for Certkiller . You are responsible for deploying a new application. The application is packaged in an .msi file.

You need to deploy the application to only three users in Certkiller . The .msi file contains all of the

information necessary to correctly install the application.

You need to install the application so that users see information about the installation progress, but no other user interface is displayed during the installation. What should you do?

- A. Use the Msiexec.exe program to perform a quiet installation of the application.
- B. Use the Msiexec.exe program to perform a passive installation of the application.
- C. Create a Group Policy Object (GPO) that assigns the application. Link the GPO to the site containing the users who will use the application.
- D. Create a Group Policy object (GPO) that advertises the application. Link the GPO to the domain.

Answer: B

Explanation: With the Passive display option, the installer displays a progress bar to the user that indicates that an installation is in progress but no prompts or error messages are displayed to the user. The user cannot cancel the installation.

Incorrect Answers:

A:With a quiet installation, the application is installed without displaying any progress indicators.

C:It is not necessary to create a GPO to assign the application for just three users. Furthermore, an assigned application will not show any progress indicators.

D:It is not necessary to create a GPO to assign the application for just three users. Furthermore, an assigned application will not show any progress indicators.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 239

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### **QUESTION 133**

You are a desktop administrator for Certkiller .

Certkiller 's software developers create an update for an existing line-of-business application. Only five users use this application. The update is packaged in a Windows Installer .msp file named Update.msp. You need to install the update on the user's computers. What should you do?

- A. Install both the application and the update on your own computer. Create a Windows Installer transform (.mst file). Install the transform on the user's computers.
- B. Create a Group Policy object (GPO) that advertises the update. Link the GPO to the domain.
- C. On the user's computers, run the Msiexec.exe /update update.mspcommand.
- D. On the user's computers, run the Msiexec.exe /I update.mspcommand.

Answer: C

Explanation: MsiExec.exe is the executable program of the Windows Installer used to interpret installation packages and install products on target systems.

Msiexec.exe /update update.mspis the correct syntax to update an existing application using a patch file named update.msp.

Incorrect Answers:

A:It is not necessary to install the application and update on your own computer. Furthermore, this is the incorrect use of a .mst file.

B:The application is installed on only five computers. It is not necessary to link a GPO to the entire domain.  
D:The /I switch is used to create a network installation point. It is not used to apply a patch to an installed application.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 78

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**QUESTION 134**

You are a desktop administrator for Certkiller . Certkiller 's software developers create a new application, which is packaged in an .msi file.

You are responsible for deploying this application to several users on Certkiller 's network. Certkiller policies require that applications be installed from a network location. They also require that application repair processes use the network location as the source for application files.

You need to prepare the application for deployment. What should you do?

- A. Use the Msiexec.exe program to perform an administrative installation to a shared folder.
- B. Use the Msiexec.exe program to perform a passive installation to a shared folder.
- C. Copy the .msi file to a shared folder. Create a Group Policy object (GPO) that advertises the application to all users who will use the application. Point the GPO to the .msi file in the shared folder.
- D. Copy the .msi file to shared folder. Create a logon script that executes the .msi file in unattended mode. Assign the logon script to all users who will use the application.

Answer: C

Explanation: The easiest way to deploy an application to several users is to use a Group Policy object (GPO). The application package file (.msi) needs to be copied to a network location and the GPO should be configured with the path to the application package. Then the GPO can be applied to the necessary users.

Incorrect Answers:

A:It is not necessary to perform an administrative installation to the shared folder. The .msi file just needs to be copied to the shared folder.

B:is not necessary to perform a passive installation to the shared folder. The .msi file just needs to be copied to the shared folder.

D:It is unnecessary and impractical to use a logon script for this purpose. It is easier to use a group policy object.

Reference:

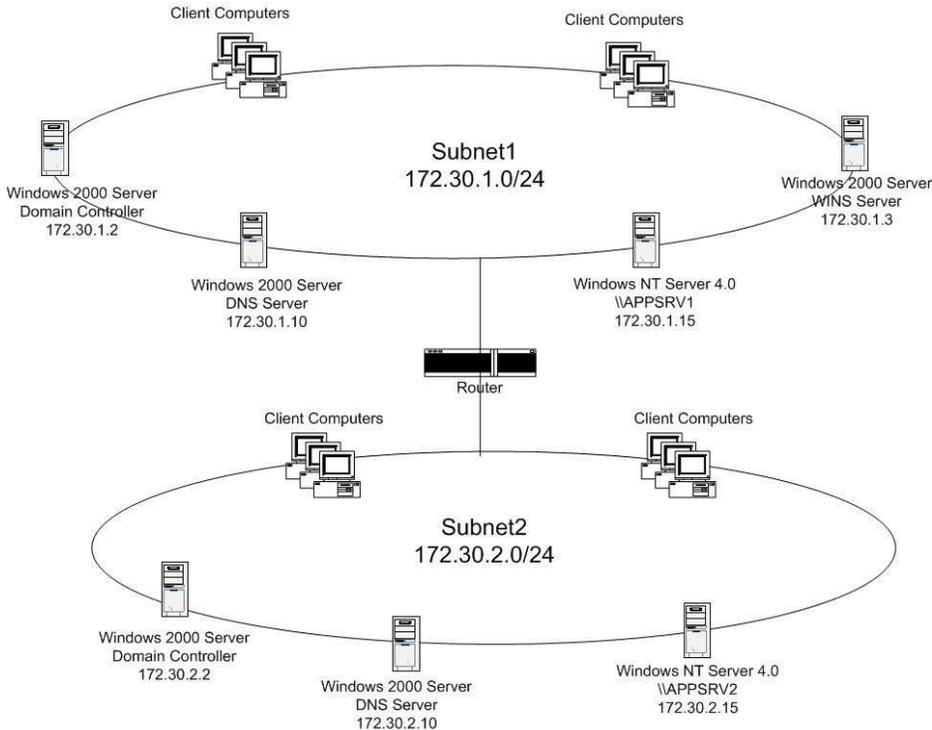
Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 78

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**QUESTION 135**

You are the administrator of your company's network. The network consists of a single Active Directory domain. The network includes Windows XP Professional and Windows 2000 Professional client computers. All computers have manually configured IP addresses.

A portion of your network is shown in the configuration exhibit.

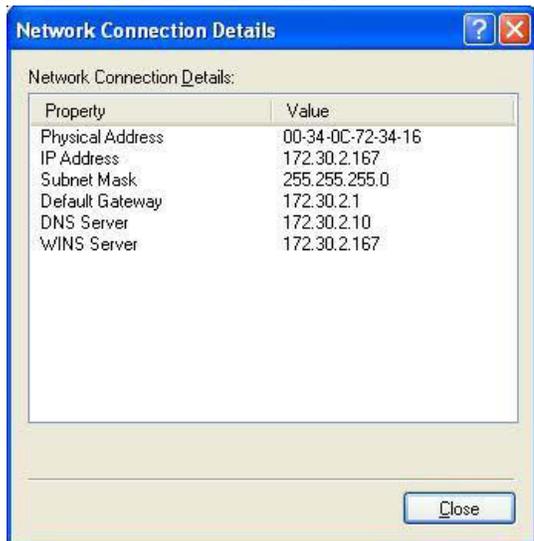


You install a new Windows XP Professional client computer on Subnet2. The user of this computer reports that she cannot access an application hosted on APPDRV1.

When she tries to access the application, she receives the following error message, "Network path not found."

The user verifies that she can access resources on other servers located on both subnets.

You view the configuration of her network connection, as shown in the Network Connection Details exhibit.



You need to ensure that the user can access the application on APPDRV1. What should you do?

- Configure the computer to use the address of the DNS server on Subnet1.
- Configure the computer to use the address of the WINS server on Subnet1.

- C. Configure the computer to use DHCP to automatically receive its TCP/IP configuration.
- D. Configure the computer to use an IP address from Subnet1 as an alternate configuration.

Answer: B.

Explanation: The application server is a Window NT machine so it will use a NetBIOS name. NetBIOS names are resolved with WINS servers. The Windows NT machine should register with the WINS server on subnet 1. But the IP Configuration exhibit shows that the WINS server entry is incorrect. It should be 172.30.1.3, not 172.30.2.167.

Incorrect Answers:

A:DNS is not used for NetBIOS names.

C:All computers have static IP addresses.

D:Alternative IP configuration is used for portable computer. This setting does not apply in this situation.

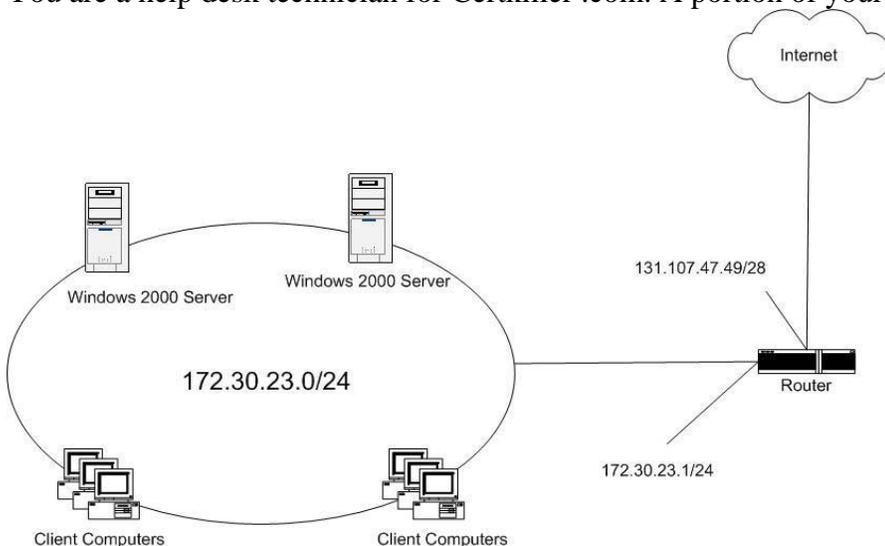
Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

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**QUESTION 136**

You are a help desk technician for Certkiller .com. A portion of your network is shown in the exhibit.



All employees use Windows XP Professional computers. All client computers in the Web development department require manually configured IP addresses to access a Web-based application on the Internet. All other client computers used DHCP for their TCP/IP configuration.

A new user in Web development reports that he cannot access Internet resource from his computer. No other users in the Web development department are reporting any connectivity problems.

You run the Netstat -r command on the new user's computer and receive the following log entries.

Active Routes:

Network

Destination Netmask Gateway Interface Metric

0.0.0.0 0.0.0.0 172.30.23.57 174.30.23.57 1

127.0.0.0 255.0.0.0 127.0.0.1 127.0.0.1 1

172.30.23.0 255.255.255.0 172.30.23.1 172.30.23.57 1

172.30.23.57 255.255.255.255 127.0.0.1 127.0.0.1 1

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127.30.255.255 255.255.255.255 172.30.23.57 127.30.23.57 1  
244.0.0.0 240.0.0.0 127.30.23.57 127.30.23.57 1  
255.255.255.255 255.255.255.255 127.30.23.57 127.30.23.57 1  
Default Gateway: 172.30.23.57

You need to configure the new user's computer to have Internet access. What should you do?

- A. Configure the subnet mask to be 255.0.0.0.
- B. Configure the subnet mask to be 255.255.255.240.
- C. Configure the default gateway parameter to have the IP address 172.30.23.1.
- D. Configure the default gateway parameter to have the IP address 131.107.47.49.

Answer: C.

Explanation: The default gateway should be set to the internal interface of the router. This is 172.30.23.1.

Incorrect

Answer:

A: The network uses a 24 bit subnet mask which is 255.255.255.0.

B: The network uses a 24 bit subnet mask which is 255.255.255.0.

D: This is the external address of the router. The default gateway should be set to the internal interface of the router.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

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**QUESTION 137**

You are a help desk technician for Certkiller .com. The company has a main office and a branch office.

You work at the branch office.

The company's network consists of a single Active Directory domain. All client computers run Windows XP Professional. The two offices are connected by means of T1 connections that are hosted by an Internet Service Provider (ISP).

The network addresses are shown in the following table.

Location	Public network	Private network
Main office	131.107.12.0/30	172.30.1.0/24
Branch office	131.107.13.0/30	192.168.1.0/24
ISP	131.107.0.0/16	10.0.0.0/8

Helene, a user in the branch office, reports that she cannot access resources located on computers in the main office. When she attempts to connect to servers in the main office, she receives the following error message: "Network path not found." Helen is able to access resources and computers in the branch office.

You run the Ping command to verify connectivity to the Windows 2000 Server computer that functions as a router in the main office. You receive the following response.

```
C:\WINDOWS\system32>ping -a main-router.contoso.com
```

```
Pinging 131.107.12.51 with 32 bytes of data:
```

```
Request timed out.  
Request timed out.  
Request timed out.  
Request timed out.
```

```
Tracing route to 131.107.12.51 over a maximum of 10 hops
```

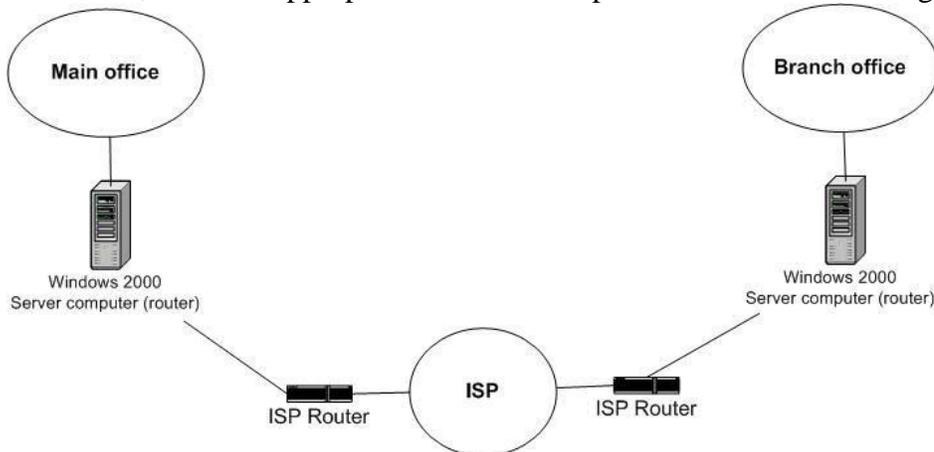
1	2 ms	3 ms	2 ms	192.168.1.1
2	75 ms	83 ms	88 ms	131.107.13.1
3	73 ms	79 ms	93 ms	10.0.2.1
4	24 ms	11 ms	39 ms	10.0.1.2
5	32 ms	2 ms	29 ms	10.0.2.1
6	51 ms	7 ms	4 ms	10.0.1.2
7	20 ms	23 ms	22 ms	10.0.2.1
8	14 ms	25 ms	23 ms	10.0.1.2
9	26 ms	26 ms	26 ms	10.0.2.1
10	21 ms	25 ms	31 ms	10.0.1.2

```
Trace complete.
```

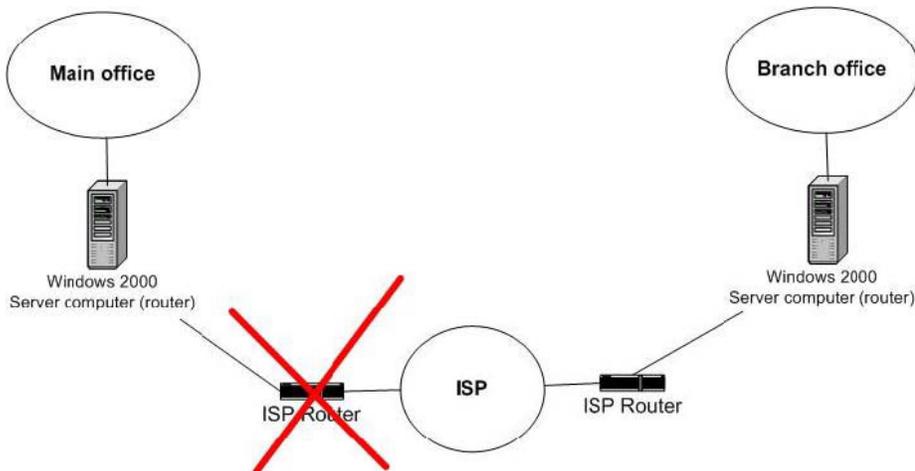
You verify that there is no connectivity to the main office. You need to identify which network component is causing the connection failure so that you can refer to the problem to the appropriate department.

On which network component does the network interruption occur?

To answer, click the appropriate network component in the network diagram.



Answer:



Explanation:

The trace is looping. The most likely cause of this is a configuration error of the remote ISP router.

Incorrect answers:

Router at main office: The trace doesn't reach the main office.

ISP: If the network at the ISP was the cause of the problem then the trace would not loop.

Closest ISP router: If this Router was at fault we should not reach the ISP network 10.0.0.0.

Router at Branch office: The trace shows that the ISP router is reached.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

### QUESTION 138

You are the desktop administrator for your company. The company's network consists of a single Active Directory domain Certkiller .com. All client computers are Windows XP Professional computers that have manually configured IP addresses.

A new user named Marc reports that he cannot connect to the network. All other users can connect to the network. You run Ipconfig.exe on Marc's computer, and you receive the following response:

```
C:\WINDOWS\system32>ping -a main-router.contoso.com
```

```
Pinging 131.107.12.51 with 32 bytes of data:
```

```
Request timed out.
```

```
Tracing route to 131.107.12.51 over a maximum of 10 hops
```

1	2 ms	3 ms	2 ms	192.168.1.1
2	75 ms	83 ms	88 ms	131.107.13.1
3	73 ms	79 ms	93 ms	10.0.2.1
4	24 ms	11 ms	39 ms	10.0.1.2
5	32 ms	22 ms	29 ms	10.0.2.1
6	51 ms	6 ms	4 ms	10.0.1.2
7	20 ms	23 ms	22 ms	10.0.2.1
8	14 ms	25 ms	23 ms	10.0.1.2
9	26 ms	26 ms	26 ms	10.0.2.1
10	21 ms	25 ms	31 ms	10.0.1.2

```
Trace complete.
```

You want to ensure that Marc can connect to the network. What should you do?

- A. Run the Netstat -n command on Marc's computer.
- B. Run the Netdiag /test:ipconfig /fixcommand on Marc's computer.
- C. Manually configure Marc's computer so that it has an appropriate IP address and subnet mask.
- D. Disable Automatic Private IP Addressing (APIPA) on Marc's computer.

Answer: C

Explanation: Marc's computer has an APIPA address, an IP address in the 169.254.0.1 through 169.254.255.254 range with a subnet mask of 255.255.0.0. APIPA self-configuration is used by DHCP clients when a DHCP server is unreachable. In this scenario no DHCP server is in use and all clients are supposed to have static IP configuration. We must manually configure the computer with a static IP configuration.

Incorrect Answers

A:-The Netstat -n command identifies computers using IP addresses instead of names. This would not be useful in this scenario.

B: Netdiag is a command-line diagnostic tool that you can use to test network connectivity. However, we already know from the output of the IPCONFIG command that the computer has an incorrect IP configuration. Netdiag would not be able to reveal any interesting information.

D:Disabling APIPA would prevent the computer from getting an APIPA address. It would still not be properly configured since it still would be a DHCP client. It would have no IP configuration.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

Microsoft Knowledge Base Article - Q321708, HOW TO: Use the Network Diagnostics Tool (Netdiag.exe) in Windows 2000

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### **QUESTION 139**

You are the desktop administrator for Certkiller . Tom is a user in the accounting department. In the office, Tom uses a Windows XP Professional portable computer named Portable1. He also used Portable1 each night on his home network. Tom's home network also contains two other computers, which run Windows 98.

Tom's home network contains a cable modem and a cable modem gateway device. The gateway device allows all the computers on Tom's home network to connect to the Internet through the cable modem. However, the gateway device does not contain a DHCP server.

Tom reports that Portable1 cannot connect to the Internet when Portable1 is connected to his home network. Portable1 functions normally when it is connected to the network in the office.

You examine the TCP/IP properties of Portable1's LAN connection, and you discover that the computer is configured to obtain IP addressing information from the DHCP server that is on the network in the office.

You need to configure Portable1 so that it can connect to the Internet when connected to his home network. You also need to ensure that Portable1 will continue to function correctly when connected to the network in the office.

What should you do?

- A. Create a second hardware profile on Portable1 by copying the default hardware profile.

Instruct Tom to select the second hardware profile when he starts Portable1 at home.

B. Instruct Tom to modify the configuration of his gateway device so that its internal IP address is the same as the IP address of the default gateway that is on the network in the office.

C. Configure the TCP/IP properties on Portable1 with a static IP address that is valid on the network in the office and with the IP address of the company's DNS server.

Instruct Tom to configure his gateway device so that its external IP address is the same as the IP address of the default gateway that is on the network in the office.

D. Configure the alternate TCP/IP properties on Portable1 with an IP address that is valid on Tom's home network and with the IP address of the DNS sever that is assigned to Tom by his cable Internet Service Provider (ISP).

Answer: D

Explanation: If you are a mobile computer user, you can use the Alternate Configuration functionality to maintain seamless operations on both office and home networks without having to manually reconfigure TCP/IP settings. This feature specifies that TCP/IP uses an alternative configuration if a DHCP server is not found. The Alternate Configuration functionality is useful in situations where you use the computer on more than one network, where one of those networks does not have a DHCP server, and you do not want to use an automatic private Internet protocol (IP) addressing configuration.

Incorrect Answers

A:Hardware profiles are used when different hardware configurations are used at different locations. However, in this scenario the same hardware is used both at home and at the office, only the TCP/IP configuration should be different.

B, C:Most likely, Tom would not be able to reconfigure the gateway device and maintain Internet connectivity.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

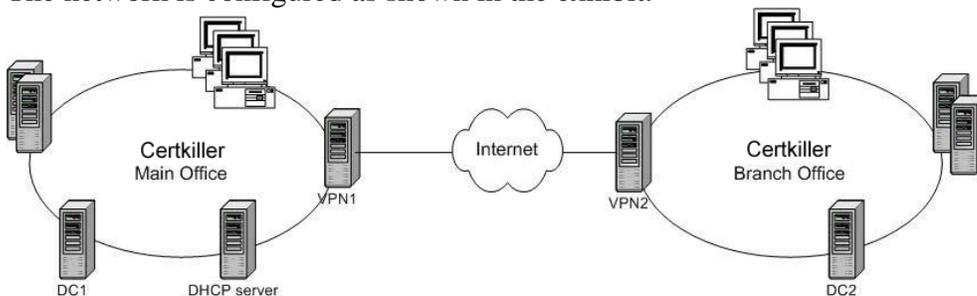
Microsoft Knowledge Base Article - Q283676: HOW TO: Use the Alternate Configuration Feature for Multiple Network Connectivity in Windows XP,

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### QUESTION 140

You are the network administrator for Certkiller . The company has a main office and a branch office. All client computers run Windows XP Professional. Computers in the main office receive their TCP/IP configuration from DHCP. TCP/IP settings are manually configured on computers in the branch office.

The network is configured as shown in the exhibit.



Marc is a user who works in the main office. He uses a Windows XP Professional portable computer named Portable1. When he uses Portable1 in the main office, he is able to access resources that are located in both offices.

Marc reports that when he visits the branch office and uses Portable1, he is not able to access any network resources that are located in either office. All other users in the branch office are able to access all network resources that are located in both offices.

You need to ensure that Marc is able to use Portable1 to access all network resources when he is in either main office or the branch office. You want to ensure that this goal is accomplished with the minimum amount of administrative effort, with no future administrative action required.

What should you do?

- A. Enable Automatic Private IP Addressing (APIPA) on Portable 1.
- B. On Portable1, manually set an alternate TCP/IP configuration for the branch office subnet.
- C. Configure the VPN2 server as a DHCP relay agent.
- D. On Portable1, specify the address of the VPN2 server as an additional gateway address.

Answer: B

Explanation: Windows XP uses either Automatic Private IP Addressing (APIPA) or the alternate configuration to automate Internet Protocol (IP) configuration of network connections. By default, the computer first attempts to contact a DHCP server on the network and dynamically obtain configuration for each installed network connection, as follows:

1. If a DHCP server is reached and leased configuration is successful, TCP/IP configuration is completed.
2. If a DHCP server is not reached after approximately 60 seconds or leased configuration fails, the computer uses the setting on the Alternate Configuration tab to determine whether to use APIPA for automatic TCP/IP configuration or to configure TCP/IP with the alternate configuration.

Incorrect Answers

A:APIPA is only used for IP self-configuration. It would not enable the computer to communicate with the rest of the network-

C:Even if Portable1 would receive IP configuration from the DHCP server at the main office it would not be able to communicate with the branch offices computers: it would be configured for the main office.

D:Only setting an alternative default gateway would not help. The portable cannot communicate with branch office computers.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

Windows XP Help, To configure TCP/IP for an alternate configuration

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## **QUESTION** 141

You are the network administrator for Certkiller .com. All client computers run Windows XP Professional. The company has a main office and a branch office. The branch office has a dedicated 256-Kbps connection to the main office.

For Internet access, the branch office used a DSL connection from a local telephone-service provider.

The DSL modem is connected to a Windows XP Professional computer named Certkiller 1. Internet Connection Sharing (ICS) is configured on Certkiller 1 to allow users from the branch office to connect to the Internet.

Occasionally, users in the branch office report connectivity problems when they attempt to access resources on the Internet. The connectivity failures do not appear to be consistent. Sometimes, users report that the problems occur when they attempt to access Web sites, and sometimes the problems occur

when the users send e-mail messages that contain large file attachments.  
What should you do to resolve this problem?

- A. Configure a TCP/IP Maximum Transmission Unit (MTU) size of 1400 on Certkiller 1 and all users' computers.
- B. Configure Internet Connection Firewall (ICF) on Certkiller 1 to allow HTTP and SMTP traffic to the addresses of the problematic Web and e-mail servers.
- C. Uninstall QoS Packet Scheduler from Certkiller 1 and all users' computers.
- D. Add the addresses of the problematic Web and e-mail servers to the Hosts file on Certkiller 1.

Answer: A

Explanation: There is a speed mismatch between the local LAN traffic and the DSL connection to the ISP. By fixing the MTU size, the so called Windows size, to a relatively small value we can eliminate the speed mismatch.

Incorrect Answers

B:The problems are intermittent. The current firewall configuration is already configured appropriately.

C:We do not need to disable QoS. We should just adjust the MTU size.

D:Since the problem is intermittent, it is most likely not caused by any name resolution problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

Microsoft Knowledge Base Article - Q316666: Windows XP Quality of Service (QoS) Enhancements and Behavior,

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**QUESTION 142**

You are the network administrator for Certkiller .com. The network consists of a single Active Directory domain. The network contains two IP subnets that are connected by a router.

The router is configured as shown in the following table.

<b>Router interface</b>	<b>Subnet</b>	<b>IP address</b>	<b>Subnet mask</b>
<b>Interface1</b>	<b>Subnet1</b>	<b>192.168.1.1</b>	<b>255.255.255.0</b>
<b>Interface2</b>	<b>Subnet2</b>	<b>192.168.2.1</b>	<b>255.255.255.0</b>

Each subnet contains one domain controller. Each domain controller runs the DNS Server service and hosts an Active Directory integrated zone. The domain controller on Subnet1 also runs the WINS Server service. All client computers run Windows XP Professional and have statically configured IP addresses. Pierre is a visiting user on Subnet2. Pierre reports that he cannot access resources on servers located on Subnet1.

Pierre is able to connect to resources on Subnet2. All other users on Subnet2 are able to access resources on Subnet1. You run the Ipconfig /all command on Pierre's portable computer and receive the following response.

```
Windows IP Configuration
Host name . . . . . : Accounting201
Primary DNS Suffix . . . . . : Certkiller.com
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : Certkiller.com
```

Ethernet adapter Local Area Connection:

```
Connection-specific DNS Suffix  :
Description . . . . . : 10/100 Ethernet Adapter
Physical Address. . . . . : 00-8C-D2-55-F1-C9
DHCP ENABLED. . . . . : No
IP Address. . . . . : 192.168.2.201
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.2.201
DNS Servers . . . . . : 192.168.2.10
Primary WINS Server . . . . . :
```

What should you do on Pierre's computer to resolve this problem?

- A. Add the address of the WINS server on Subnet1.
- B. Configure an alternate gateway that has a metric of 1 for the router's Subnet1 interface.
- C. Create an alternate TCP/IP configuration that specified an address for Subnet1.
- D. Change the default gateway parameter to 192.168.2.1.

Answer: D

Explanation:

The default gateway parameter is incorrect. The current value is 192.168.2.201, the IP address of the computer itself. We should change it to IP address of the router interface connected to Subnet2, 192.168.2.1.

Incorrect Answers

A:DNS is configured. There is no need for WINS.

B:Only one correctly configured default gateway is required,

C:Alternative IP configuration is not useful in this scenario. It is used for portable computers.

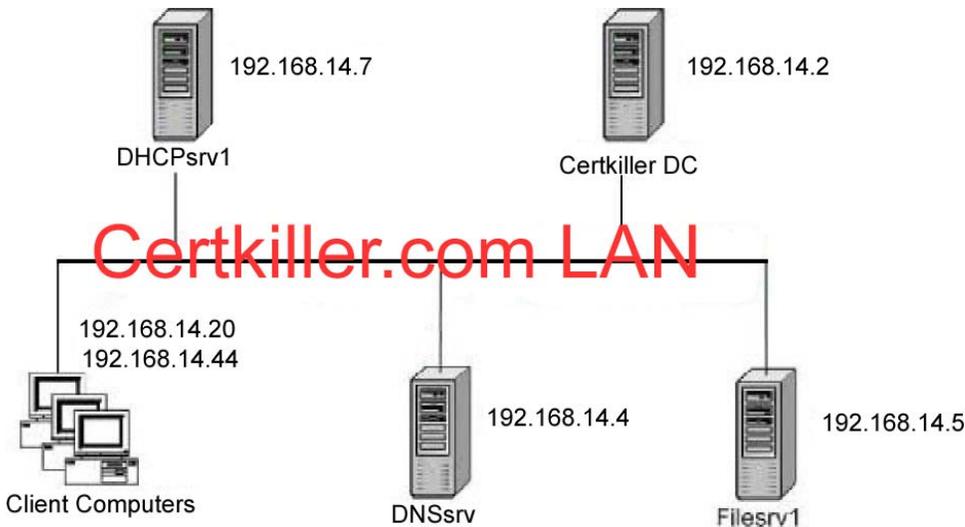
Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

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**QUESTION 143**

You are the network administrator for Certkiller . Your network consists of 25 Windows XP Professional client computers and four Windows 2000 Server computers in a native-mode Windows 2000 domain. All of the computers are on a single subnet. The client computers are configured for dynamic IP address allocation. The network is configured as shown in the exhibit.



A developer named Jack reports that she cannot connect to file server Filesrv1 from her client computer named Computer22. When she attempts to browse \\Filesrv1 from the Run line she receives the message, "The network path was not found". No other users are reporting problems connecting to Filesrv1. From Tess's client computer, you browse \\192.168.14.5 from the Run line and successfully connect to the server. You run the `ipconfig /all` command. The relevant results are shown in the following table.

<b>Host Name</b>	<b>Certkiller22</b>
<b>DHCP Enabled</b>	<b>Yes</b>
<b>IP Address</b>	<b>192.168.14.42</b>
<b>Subnet Mask</b>	<b>255.255.255.0</b>
<b>Default Gateway</b>	<b>(not configured)</b>
<b>DHCP Server</b>	<b>192.168.14.7</b>
<b>DNS Server</b>	<b>192.168.14.7</b>
<b>WINS Server</b>	<b>(not configured)</b>
<b>Node Type</b>	<b>Peer-peer</b>

You want Jack to be able to access resources on Filesrv1 by using the computer name. What should you do?

- Configure the client computer with a default gateway of 192.168.14.2.
- Configure the client computer with a subnet mask of 255.255.0.0.
- On the Internet Protocol (TCP/IP) Properties sheet, select the Obtain DNS server address automatically option.
- On the Internet Protocol (TCP/IP) Properties sheet, select the Obtain an IP address automatically option.

Answer: C

Explanation: The computer obtains its IP address and subnet mask automatically, but the DNS server address is statically configured. The DNS server configuration is incorrect. It should be set to 192.168.14.4 not 192.168.14.7. We could either do this statically, or by enabling the DHCP server to configure the DNS address.

Incorrect Answers

A: There is only one subnet in the network so no default gateway is required.

B: It is not an IP configuration problem. Jack can access Filesrv1 using an IP address.

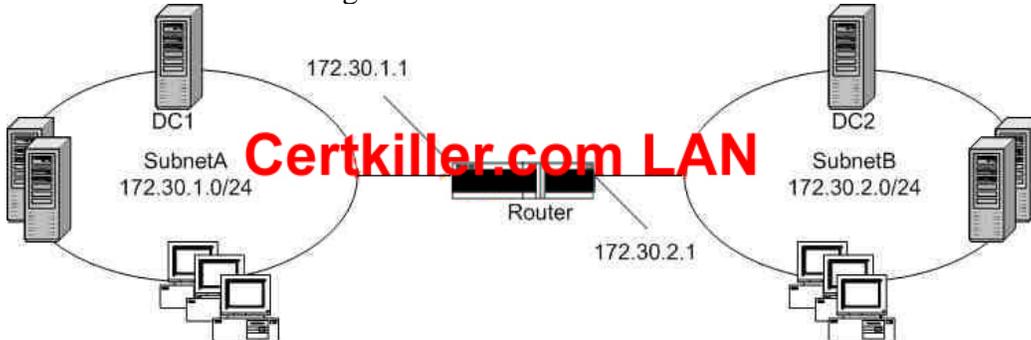
D: The computer is already configured to obtain an IP address automatically. This can be seen in the second exhibit which states that DHCP is enabled.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

**QUESTION 144**

You are the desktop administrator for Certkiller. Certkiller's network consists of a single Active Directory domain. All client computers run Windows XP Professional. The network consists of two IP subnets as shown in the Network Diagram exhibit.



Andrea is a user whose computer is located on Subnet A.

Andrea reports that she cannot access resources that are located on SubnetB. She is able to successfully log on to the domain and access resources that are located on Subnet A.

You examine the network configuration of Andrea's computer and discover the information shown in the Network Connection Details exhibit.



You need to ensure that Andrea can access resources that are located on SubnetB. What should you do?

- A. Configure the subnet mask on Andrea's computer to be 255.255.255.0.
- B. Configure the default gateway on Andrea's computer to be 172.30.2.1.
- C. Configure Andrea's computer to use 172.30.1.10 as its primary DNS server.
- D. Configure Andrea's computer to use 172.30.1.11 as its primary WINS server.

Answer: A

Explanation: We can see from the exhibit that the network address for Subnet A is 172.30.1.0/24. The /24 indicates a 24 bit subnet mask which equates to 255.255.255.0 in decimal notation. The network connection details exhibit shows that Andrea's Subnet mask is 255.255.0.0. Therefore, the subnet mask needs to be changed.

Incorrect Answers:

B: The default gateway setting of 172.30.1.1 is correct and therefore does not need to be changed.

C: Andrea's computer cannot contact its primary DNS server because it is in subnet B. Therefore, the computer will attempt to use the secondary DNS server.

D: Andrea's computer cannot contact its primary WINS server because it is in subnet B. Therefore, the computer will attempt to use the secondary WINS server.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 4, Lessons 1 & 2

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### **QUESTION 145**

You are the desktop administrator for Certkiller .com. The company has a main office that has 10 IP subnets and a branch office that has 3 IP subnets. There is not a persistent network connection between the two offices. All client computers run Windows XP Professional.

The users in the branch office access resources located in the main office by using a virtual private network (VPN) connection over the Internet. The users can successfully connect to the VPN server and can access resources in the main office. However, users report that they cannot access resources located on their local network until they end the VPN connection.

You want to enable the branch office users to access resources on both networks while they have an active VPN connection. What should you do?

- A. Run the Netdiag /test:route /fixcommand on the client computers.
- B. Run the Route add -p command to add the routes of the branch office subnets to the routing tables of the client computers.
- C. In the properties for VPN connection, clear the Use default gateway on remote network check box.
- D. In the TCP/IP properties of the client computers, add the address of the VPN server in the main office as an additional gateway address.

Answer: B

Explanation: The branch office users use the VPN server at main office as default gateway as long as the VPN connection is used. The local gateway is only used when the VPN is not used.

By adding static routes to the local subnets on all client computers in branch office they would be able to use resources on both the main office and at the branch office.

Incorrect Answers:

A: The Netdiag utility, included in Windows 2000/XP support tools, can be used to perform tests on a Windows TCP/IP network. The Netdiag utility is only able to fix trivial problems. Furthermore, it is not likely that an error in the routing table is causing the problems.

C: If we want to access the remote subnets at the main office we must keep the

Use default gateway on remote network setting enabled.

D:Using the advanced TCP/IP properties settings, it is possible to use additional default gateways. However, the VPN server at the main office is already used as the default gateway when the VPN connection is active. Furthermore, the VPN server should only be used as a default gateway as long as the VPN connection is active.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 17, Lessons 1 & 2

Windows 2000 White paper, Windows 2000 Virtual Private Networking Scenario

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**QUESTION 146**

You are the administrator of a Windows XP Professional computer named Certkiller

A. The computer is

connected to the Internet. Pro1 provides Internet access to eight other Windows XP Professional computers that are connected to Pro1.

You enable Internet Connection Sharing (ICS) and Internet Connection Firewall (ICF) on Certkiller A.

You run an application named App1 on Certkiller

A. App1 communicates with an online training

company on the Internet. In order to display an online seminar, the training company needs to contact the App1 application at port 5800.

You want to ensure that the training company can connect to the App1 application. What should you do?

A. Configure ICF to enable the Internet Control Message Protocol (ICMP) Allow redirect. Then start the App1 application that opens port 5800.

B. Create a new service definition named App1. Use port 5800 as the external and internal port number.

C. Edit the %systemroot%\System32\Drivers\Etc\Services file on Pro1 to include a service definition named App1 for port 5800.

D. Change the TCP/IP settings on Certkiller A to enable TCP/IP filtering. Permit network traffic on port 5800.

Answer: B

Explanation: We must add a service definition for the application. This will enable traffic for this new service definition.

Incorrect Answers

A: The Allow redirect option makes data sent from this computer to be rerouted if the default path changes

Leading the way in IT testing and certification tools, [www.Certkiller.com](http://www.Certkiller.com)

C: It is not necessary to edit the registry.

D: By default TCP/IP filtering allows all traffic.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 17, Lesson 3

Internet connection services, To add a service definition

[http://www.microsoft.com/windowsxp/home/using/productdoc/en/hnw\\_services\\_add.asp](http://www.microsoft.com/windowsxp/home/using/productdoc/en/hnw_services_add.asp)

Microsoft Knowledge Base Article - Q320855: Description of the Windows XP Internet Connection Firewall

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**QUESTION 147**

You are a help desk technician for Certkiller .com. An employee name Marc is attempting to open a Microsoft Word document Phonelist.doc by using Internet Explorer. However, when he types `http://Server1/Files/Phonelist.doc` into the address bar in Internet Explorer, he receives the following error message: "404: Page not found."

You verify that Phonelist.doc exists in a shared folder named Files on Server1.

You need to ensure that Marc can access Phonelist.doc by using Internet Explorer. What should you do?

- A. Instruct Marc to run the `IPconfig/flushdns` command on his computer.
- B. Grant Marc's domain user account Allow-Read permission on the File shared folder.
- C. Grant Marc's domain user account Allow-Read permission on Phonelist.doc.
- D. Instruct Marc to type `file://server1/File/Phonelist.doc` into the address bar in Internet Explorer.

Answer: D.

Explanation: The error message 404 indicates that the Web page cannot be located at the URL address specified by the user. This is because the user specified a Web server address, which is denoted by `http://` in the URL. He should use `file://` in the URL to specify a file server. The correct URL for opening the file with a Web browser in this scenario is `file://server1/File/Phonelist.doc`.

IncorrectAnswers:

A: The `IPconfig/flushdns` command is used to clear the DNS cache on the user's client computer. This command is useful for when the server has been restarted and has a new IP address that does not match the one held in cache on the user's client computer. This command will not aid the user in opening a file in a Web browser, particularly as the user has not specified the URL correctly.

B & C: If Marc did not have the required permissions to the file, he would have received an access denied error and not a "page not found" error.

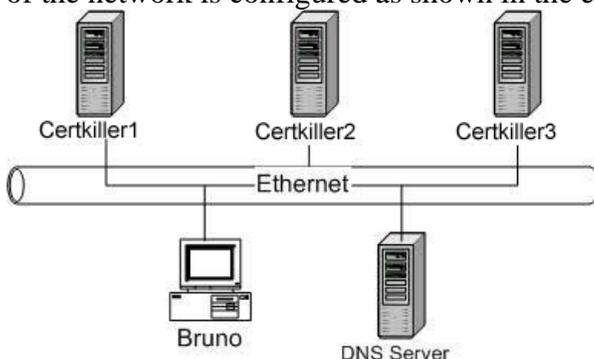
Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 9, Lesson 2

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**QUESTION 148**

You are the desktop administrator for Certkiller , Inc. The company's network contains an intranet Web farm, which consists of three Web servers. The Web servers are named Certkiller 1, Certkiller 2, and Certkiller 3. Users access the Web farm by using the URL `http://team.Certkiller.com`. The relevant portion of the network is configured as shown in the exhibit.



Bruno is a user in the company operations department. Bruno uses Internet Explorer on this Windows XP Professional computer to access files that are located on the Web farm. Bruno reports that when he

attempts to access a file named Schedule.xls by using the URL http://team. Certkiller .com/ops/schedule.xls, Internet Explorer displays the following error message: "DNS error or server not found".

The network administrator informs you that the company DNS server is unavailable. However, Bruno needs to access the Schedule.xls file immediately. You need to ensure that Bruno can access the file by using Internet Explorer on his computer.

Which URL should you instruct Bruno to use?

- A. http:// Certkiller 1/ops/schedule.xls
- B. file:// Certkiller 1/ops/schedule.xls
- C. http://team. Certkiller .com/ops\$/schedule.xls
- D. file://team. Certkiller .com/ops/schedule.xls

Answer: B

Explanation: We explicitly refer to the file on one of the servers in the web farm.

Incorrect Answers

A: To use the http protocol we would have to use FQDN name.

C, D: Since the DNS server is not available we should not use the FQDN team. Certkiller .com.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 9, Lesson 2

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**QUESTION** 149

You are the administrator of 45 Windows XP Professional computers for Certkiller .com. The computers are members of a Windows 2000 domain.

Users in your company often access Web sites of a partner company named Certkiller , Ltd. You want to facilitate short names to Certkiller , Ltd., Web sites, such as http://support instead of http://support. Certkiller .com. To accomplish this goal, you add Certkiller .com to the list of domain name suffixes on the Windows XP Professional computers.

Now users report that ActiveX components and scripts from Certkiller , Ltd., Web sites are downloaded and run without prompting users. For ActiveX components and scripts that come from other Web sites on the Internet, Internet Explorer displays a dialog box prompting users to approve downloading.

You want to use shorter names for the Certkiller , Ltd., Web sites. You also want to ensure that security settings for the Certkiller , Ltd., Web sites are the same as the settings for other Internet Web sites.

Company policy does not allow you to change the current settings for ActiveX components and scripts for Internet Explorer security zones.

What should you do?

- A. Remove Certkiller .com from the list of domain name suffixes.  
Add the Certkiller .com zone to the DNS server on the company network.
- B. Remove Certkiller .com from the list of domain name suffixes.  
Add \*. Certkiller .com to the Host files.
- C. Configure the Internet Explorer LAN connection settings to disable the Bypass proxy server for local addresses option.
- D. Configure the Local intranet zone to disable the  
Include all local (intranet) sites not listed in other zones option.

Answer: D

Explanation: The Include all local (intranet) sites that are not listed in other zones option ensures that all site names that does not contain any periods, for example the shorthand http://support in this scenario, is included in the local intranet zone. However, we do not want to include Certkiller .com in the local intranet zone,

we don't want to use the Local Intranet security settings when accessing Certkiller .com, so we should disable this option.

Incorrect Answers

A: Adding the Certkiller .com zone to the local DNS servers would not, by itself, allow use of the shorthand http://support instead of http://support. Certkiller .com.

B: Host files does not allow entries containing wildcards. Furthermore, local name resolution would not by allow use of the shorthand http://support instead of http://support. Certkiller .com.itself

D: The Bypass proxy server for local addresses option only affects name resolution and not security settings. Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 9, Lesson 2

Microsoft Knowledge Base Article - Q174360: How to Use Security Zones in Internet Explorer

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### **QUESTION 150**

You are the desktop administrator for Certkiller .com. The relevant portion of Certkiller 's network is configured as shown in the exhibit.

\*\*\*MISSING\*\*\*

Bruno is a user in the accounting department. Bruno uses a new Windows XP Professional computer. Bruno reports that he cannot access Web sites on the Internet by using Internet Explorer. However, he can access intranet Web sites that are located on other network subnets by using Internet Explorer.

Other users on the network can successfully access Internet Web sites.

You need to ensure that Bruno can access Internet Web sites by using Internet Explorer on his computer.

What should you do?

- A. Configure Internet Explorer on Bruno's computer to use the proxy server.
- B. Configure Internet Explorer on Bruno's computer to permit SSL connections.
- C. Configure TCP/IP on Bruno's computer to use 192.168.10.57 as the default gateway.
- D. Configure TCP/IP on Bruno's computer to use 192.168.10.56 for DNS name resolution.

Answer: Need exhibit. Possibly A.

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### **QUESTION 151**

You are the desktop administrator for Contoso, Ltd. Philippe is a user in the accounting department. Philippe reports that he is not able to download a file from an FTP server by using Internet Explorer on his Windows XP Professional computer.

When Philippe attempts to access the FTP server by using the URL ftp://ftp.contoso.com, Internet Explorer displays the following error message: "The password was rejected." Philippe informs you that he has a user name and password for the FTP server, but that Internet Explorer does not prompt him to

type the user name and password.

You need to ensure that Philippe can access the FTP server by using Internet Explorer on his computer. Which URL should you instruct Philippe to use?

- A. ftp://ftp.contoso.com/Philippe
- B. ftp://Philippe:password@ftp.contoso.com
- C. ftp://Philippe@ftp.contoso.com
- D. ftp://ftp.contoso.com@Philippe:password

Answer: B

Explanation: This is the correct syntax to supply username and password.

Incorrect Answers:

A: This would try to access the Philippe folder, by anonymous login, at the ftp.contoso.com ftp server.

C: The password must be supplied as well, not just the username.

D: This syntax is incorrect.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 5

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### **QUESTION 152**

You are the desktop administrator for your company's sales department. Each Windows computer in the sales department runs Windows XP Professional and a third-party Internet browser.

Carmen is a user in the sales department. Carmen's computer has a single hard disk with two partitions, named drive C and drive G. Both partitions are formatted as FAT32. Carmen stores her data on drive G. A folder named Files1 in drive G is shared as Files1. Users in the sales department have permissions to save documents in the Files1 shared folder.

Roger is the manager of the sales department. He wants to be able to read the documents that are in the Files1 shared folder from his UNIX client computer.

Carmen reports that users of the Windows XP Professional computers are able to successfully save files on the Files1 shared folder. Roger reports that he is not able to locate the Files1 shared folder while using his UNIX client computer.

You need to ensure that Roger can read files in the Files1 shared folder from his UNIX computer. Which two actions should you take? (Each correct answer presents part of the solution. Choose two)

- A. Create an additional share for the G:\Files1 folder and name the new share Wwwroot.
- B. Create a Web share for the G:\Files1 folder.
- C. Install Internet Information Services (IIS) on Carmen's computer.
- D. Install Internet Explorer on Carmen's computer.
- E. Convert drive G to NTFS.
- F. Convert drive C to NTFS.

Answer: B, C

Explanation: In order to share a folder from a Windows XP we could install IIS and create a Web share.

Incorrect Answers:

A:Naming the additional share Wwwwroot would not enable the UNIX clients to access it.

D:Installing Internet Explorer on the Windows XP computer would not enable the UNIX clients to access shares on the computer. Furthermore Internet Explorer is included in the Windows XP operating system and cannot be removed.

E, F:The file system on the computer does not have to be changed.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 5

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**QUESTION 153**

You are the network administrator for Certkiller .com. The network consists of a single Active Directory domain. All client computers run Windows XP Professional.

The Web development department installs Internet Information Services (IIS) on a Windows XP Professional computer named Web1. Users in the department use the computer as a test Web server for new content that they develop. All users in the Web development department have administrative access to Web1.

Users report that there is no option in the IIS Microsoft Management Console (MMC) snap-in that allows them to create a new Web site on Web1. They can create new virtual directories, but they cannot create new Web sites.

The users need to be able to create new Web sites on Web1. What should you do?

- A. Install the Microsoft FrontPage Server Extension on Web1.
- B. Assign the users the Create permanent shared object user right.
- C. Allow Read and Write access to the Web Sites folder in IIS.
- D. Install Windows 2000 Server and its version of IIS on Web1.

Answer: D

Explanation: The Windows XP/2000 Professional edition of IIS has several limitation compared to the Windows 2000 Server version of IIS. For example, only one web site is supported on Windows XP/2000 Professional IIS.

Incorrect Answers:

A:FrontPage Server would not enable creation of more web sites.

Note:The FrontPage Server Extensions are a set of programs on the Web server that support Authoring FrontPage webs, Administering FrontPage webs, and Browse-time FrontPage web functionality.

B, C:This is not a permission problem.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 10, Lesson 5

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**QUESTION 154**

You are a help desk technician for Certkiller .com. Helene is a user in the sales department who works from home. She reports a problem on her Windows XP Professional computer.

You instruct Helene to send you a Remote Assistance invitation, and then disconnect from the ISP.

You receive the invitation on your Windows XP Professional computer and instruct Helene to reconnect to her ISP. After you accept the invitation, you cannot connect to Helene's computer.

**070-270**

You need to establish a Remote Assistance connection with Helene's computer. What should you do?

- A. Run the Ipconfig/flushdns command on your computer, and reaccept the invitation.
- B. Run the Remote Desktop Connection application on your computer to establish a connection to Helene's computer.
- C. Instruct Helene to disable the Internet Connection Firewall on her computer. From your computer, reaccept the invitation.
- D. Instruct Helene to send a new Remote Assistance invitation and remain connected to her ISP. From your computer, accept the new invitation.
- E. Instruct Helene to edit the System properties of her computer and add your domain user account to the Remote Desktop Users list on the Remote tab. From your computer, reaccept the invitation.

Answer: D.

Explanation: In this scenario Helene needs to remain connected to her ISP so that we can connect to her computer via the Internet. We should therefore instruct Helene to send a new Remote Assistance invitation and remain connected to her ISP. We can then accept the new invitation and connect to her computer from our computer.

Incorrect Answers:

A: The Ipconfig/flushdns command is used to remove all IP configuration entries from the cache. This is useful when we encounter name resolution problems that result from the server being restarted after we have accessed the server. This however is not the case in this scenario. The problem in this scenario is that we cannot connect to Helene's computer as she has disconnected from her ISP.

B: We cannot run the Remote Desktop Connection application on our computer to establish a connection to

C: A firewall is not preventing us from accessing Helene's computer. We have no connection to her computer as she has disconnected from the ISP.

E: It is not necessary for Helene to add our domain user account to her Remote Desktop Users list as she has sent an invitation. She has however disconnected from the ISP, therefore we cannot establish a connection to her computer.

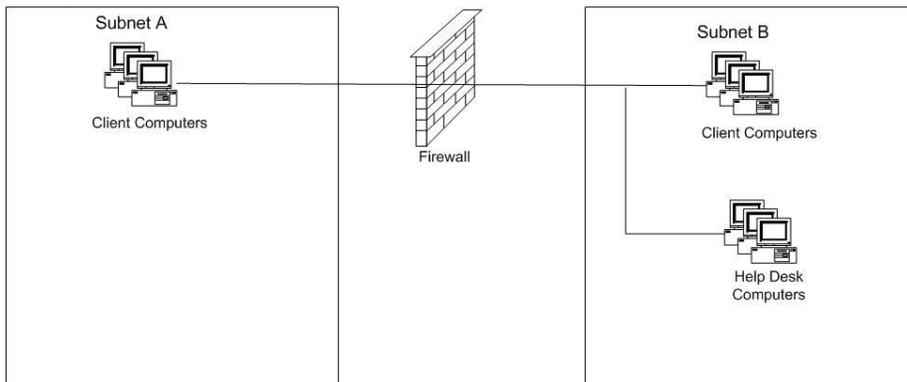
Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

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**QUESTION 155**

You are a help desk technician for Certkiller .com. A portion of your company's network is shown in the exhibit.



Michael is an employee in your company's marketing department. Michael uses a Windows XP Professional computer that is located on Subnet

A. You use a Windows XP Professional computer that is located on Subnet B. The company's firewall does not use Network Address Translation (NAT). Michael sends you a Remote Assistance invitation. In Windows messenger, you accept the invitation, but you cannot connect to Michael's computer. Next, you run the Ping command, which verifies connectivity to Michael's computer. You need to establish a Remote Assistance connection with Michael's computer. What should you do next?

- A. Ask your firewall administrator to open the TCP/IP ports that are used by Windows Messenger.
- B. Ask your firewall administrator to open the TCP/IP ports that are used by Remote Desktop Services.
- C. Instruct Michael to create an invitation file and then e-mail the file to you as a file attachment. When you receive the e-mail, open the file attachment.
- D. Instruct Michael to edit the System properties for his computer and add your domain user account to the Remote Desktop Users list on the Remote tab.

Answer: B.

Explanation: The problem in this scenario is that the firewall is blocking the Remote Desktop Protocol port 3389. Remote Assistance uses the Remote Desktop Protocol port 3389 for outbound RDP traffic. This port is typically blocked on most firewalls, in which case we cannot connect to the Remote Desktop. We must configure the firewall to enable Remote Desktop Services program, which is Mstsc.exe, to make outbound TCP connections on port 3389.

Incorrect Answers:

A: The Windows Messenger uses port 1863 for instant messaging; ports 6891 through 6900 for file transfers; and port 1503 for Whiteboard and application sharing. Remote Desktop Services on the other hand uses port 3389 for outbound traffic. Enabling the ports used by Windows Messenger will thus not enable us to connect to the Remote Desktop.

C: E-mail can be used to send the invitation which Michael has already done. However, the firewall is preventing outbound traffic from our computer via port 3389. This port is used to create a connection to a remote desktop and should be configured to allow the Remote Desktop Services program to send outbound traffic.

D: The remote computer must be configured with a list of users that are permitted to connect remotely to the computer before the user will be able to send a Remote Assistance invitation. As an invitation has been sent, therefore our user account is on the remote Desktop Users list.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

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### **QUESTION 156**

You are the desktop administrator for Certkiller .com. Your company has offices in Los Angeles and New York. Both offices are connected by a wide area network (WAN) connection. The networks at both offices include Windows XP Professional computers. The company uses a single Active Directory domain that includes a Microsoft Exchange 2000 server computer. Neither office is connected to the Internet. Peter is a member of the marketing department in the New York office. Peter needs to use Remote

Assistance to obtain help from another marketing employee in Los Angeles. However, when Peter attempts to send a Remote Assistance invitation by using Windows Messenger, and error message reports that he does not have a Net Passport. You need to ensure that Peter can send a Remote Assistance invitation by using Windows Messenger. How should you configure Peter's computer?

- A. Configure Windows Messenger to log on by using an Exchange account.
  - B. Install MSN Explorer. Configure MSN Explorer to connect to the Internet.
  - C. Configure Windows Messenger to log on using a valid Net Passport user name and password.
  - D. Install a modem.
- Configure the modem to dial up to an Internet Service Provider (ISP) when an Internet connection is required.

Answer: A.

Explanation: Windows messenger can be configured to use an Exchange 2000 server within a corporate environment.

Incorrect Answers:

B: This requires an Internet connection.

C: This requires an Internet connection.

D: This will not resolve the problem because the other user would also need an Internet connection.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

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**QUESTION 157**

You are a help desk technician for Certkiller .com. Your Windows XP Professional computer is connected to the company network, which is connected to the Internet via a T1 line. Your computer hosts a Web site that is accessed by other help desk technicians.

You set up a new Windows XP Professional computer at home. The home computer is connected to the Internet via a cable modem that is always on. The home computer is configured to use a static IP address assigned by your Internet service provider.

You want to use a remote desktop connection to control your home computer while you are at work.

However, you want to prevent any other Internet traffic from reaching the home computer. You verify that your company's Internet firewall permits remote desktop connection traffic.

Which two actions should you take? (Each

Answer: presents part of the solution. Choose two)

- A. On your office computer, enable the Internet connection firewall.
- B. On your office computer, enable Internet connection sharing.
- C. On your home computer, enable Internet connection sharing.
- D. On your home computer, enable the Internet connection firewall.
- E. On your home computer, enable the Remote Desktop Option in the Internet connection firewall services.
- F. On your home computer, enable the web Server (HTTP) option in the Internet connection firewall service.
- G. On your home computer, select the Internet connection Sharing Advanced tab. Select the establish a dial-up connection whenever a computer on my network attempts to access the Internet check box.

Answer: D, E.

Explanation: Enable the Internet Connection Firewall. This can be configured to block all ports except the ports used by Remote Desktop. This will block all Internet traffic except Remote Desktop traffic.

Incorrect Answers:

A: The office is protected by a firewall so you do not need to enable it on our computer.

B: This question is not related to Internet connection sharing.

C: This question is not related to Internet connection sharing.

F: We want to block this port as stated in the question. All Internet traffic (except Remote Desktop) should be blocked.

G: The computer has a permanent Internet connection so a dial up connection is not needed.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

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**QUESTION 158**

You are the help desk manager for Certkiller .com. The company network consists of a single-Active Directory domain Certkiller .com. All client computers run Windows XP Professional.

All help desk technicians are members of the Help Desk Technicians group. They use Remote Assistance to remotely control user sessions to provide online support and training to users. The users currently use Windows Messenger to submit Remote Assistance invitations to the help desk technicians.

You want to reduce the time required for help desk technicians to respond to Remote Assistance requests. To accomplish this goal, you want to configure the client computers to allow help desk technicians to establish a Remote Assistance session with a client computer without requiring an invitation from a user.

What should you do?

A. In the Default Domain Policy, set the Remote Assistance - Solicited Remote Assistance policy setting to Disabled.

B. In the Default Domain Policy, set the Remote Assistance - Offer Remote Assistance policy setting to Enabled and add the Help Desk Technicians group to the Helpers list.

C. In each computer's Local Security Policy, grant the Help Desk Technicians group the Allow logon through Terminal Services user right.

D. In the System properties for each computer, select the Allow users to connect remotely to this computer option, and add the Help Desk Technicians group to the list of allowed users.

Answer: B

Explanation: Remote Assistance is a technology in Windows XP which enables Windows XP users to help each other over the Internet. The Remote Assistance tool can be configured to enable an expert user to initiate a Remote Assistance session by using the Offer Remote Assistance feature. This feature requires the computer of the expert user as well as the computer of the novice user (that the expert user is going to help) to be members of the same domain, or members of trusted domains.

Incorrect Answers

A: Experts using Offer Remote Assistance will not be able to connect to Novice computer when Solicited Remote Assistance is disabled on the Novice computer.

C:Terminal services is not required for Remote Assistance.

D:The Remote Assistance feature does not require the Allow users to connect remotely to this computer option.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

Microsoft Knowledge Base Article - Q301527, HOW TO: Configure a Computer to Receive Remote Assistance Offers in Windows XP

Microsoft Knowledge Base Article - Q300546, Overview of Remote Assistance in Windows XP

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**QUESTION 159**

You are a help desk technician for Certkiller . Certkiller .com's network consists of a single Active Directory domain named Certkiller .com. All client computers run Windows XP Professional. The help desk technicians use Remote Assistance to remotely control user sessions to provide online support to users. The users currently use Microsoft Exchange and Microsoft Outlook to submit Remote Assistance invitations to help desk technicians.

Rolf is a user in the salesdepartment. Rolf has a portable computer and frequently travels to customer locations. While Rolf is in the corporate office, he submits a Remote Assistance invitation to the help desk. When you attempt to answer the invitation and establish the Remote Assistance session, you receive the error message shown in the exhibit.



You verify that Rolf's computer is connected to the network and that he did not cancel the invitation.

You also verify that the invitation did not expire. You do not experience similar problems when establishing Remote Assistance sessions with other computers.

You need to be able to establish a Remote Assistance session with Rolf's computer.

What should you do?

- A. Enable the Remote Desktop service definition in Internet Connection Firewall (ICF) on Rolf's computer.
- B. Add your user account to the Remote Desktop Users list on Rolf's computer.
- C. In the System properties of Rolf's computer, select the Allow users to connect remotely to this computer option, and add your user account to the list of allowed users.
- D. In the Local Security Policy of Rolf's computer, grant your user account the Allow logon through Terminal Services user right.

Answer: A

Explanation: This looks like a firewall issue. It looks like Rolf has Internet Connection Firewall (ICF) enabled on his computer. Therefore, we need to configure ICF to allow Remote Desktop connections. We do this by enabling the Remote Desktop service definition in Internet Connection Firewall (ICF) on Rolf's computer.

Incorrect Answers:

B: You do not need to be listed in the Remote Desktop Users list on Rolf's computer. Rolf has sent you an invitation which would allow you to connect.

C: The Allow users to connect remotely to this computer

option allows the listed users to connect to the computer without needing an invitation. Selecting this option will not solve the problem.

D: You do not need the Allow logon through Terminal Services user right. Rolf has sent you an invitation which would allow you to connect.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

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## QUESTION 160

Exhibit



You are the desktop administrator for Certkiller .com. Certkiller .com's network consists of a single Active Directory named Certkiller .com. All client computers run Windows XP Professional.

The help desk technicians use Remote Assistance to remotely control user sessions to provide online support to users. The users currently use Microsoft Exchange and Microsoft Outlook to submit Remote Assistance invitations to the help desk technicians.

Tess King is a user in the sales department. Jack has a portable computer and frequently travels to customer locations. While Jack is in the corporate office in London, she submits a Remote Assistance invitation to the help desk. When you attempt to answer the invitation and establish the Remote Assistance session, you receive the error message shown in the exhibit.

You verify that Jack computer is connected to the network and that she did not cancel the invitation.

You also verify that the invitation did not expire. You do not experience similar problems when establishing Remote Assistance sessions with other computers.

You need to be able to establish a Remote Assistance session with Jack computer. What should you do?

- A. Enable the Remote Desktop service definition in Internet Connection Firewall (ICF) on Jack computer.
- B. Add your user account to the Remote Desktop Users list on Jack computer.
- C. In the System properties of Jack computer, select the Allow users to connect remotely to this computer option, and add your user account to the list of allowed users.
- D. In the Local Security of Jack computer, grant your user account the Allow logon through Terminal Services user right

Answer: A

Explanation: This problem is caused by Jack computer having Internet Connection Firewall enabled. To establish a remote desktop connection to Jack computer, you need to be able to connect on port 3389. We can enable this by enabling the Remote Desktop service definition in Internet Connection Firewall (ICF) on Tess' computer.

Incorrect Answers:

B:Your user account does not need to be listed in the Remote Desktop Users list on Jack's computer. This is because Jack sent you a remote assistance invitation.

C:The Allow users to connect remotely to this computer option does not need to be selected. You will be able to establish a remote desktop connection because Jack has sent you a remote desktop invitation.

D:You do not need the Allow logon through Terminal Services user right. You will be able to establish a remote desktop connection because Jack has sent you a remote desktop invitation.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 10, Lesson 3

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### **QUESTION 161**

You are a help desk technician for Certkiller .com. Stefan and Irene are software developers for Certkiller .com. Stefan is developing a Web application on his Windows XP Professional computer. The computer is named Stefan132.

When Irene types http://Stefan132 in the address bar of her Web browser, she cannot access the Web application by typing http://localhost or http://Stefan132 in the address bar of her Web browser. She can access other resources on the company network.

When you run thePing command from your computer, you cannot connect to Stephan's computer.

When you attempt to access http://Stefan132 from your computer, Internet Explorer displays "DNS or Server error."

You need to ensure that Irene can access the Web application on Stefan's computer. First, you establish a Remote Assistance connection to Stefan's computer.

What should you do next on Stefan's computer?

- A. Run the Ipconfig/renewcommand.
- B. Stop and then restart the World Wide Web Publishing service.
- C. Ensure that the Everyone group Allow-Full Control permission on the Inetpub folder.
- D. In the properties of the Local Area Connection connection, clear the Internet Connection Firewall Check box.

Answer: D.

Explanation: When an expert attempts to connect to a novice's computer, the expert may receive the following error message:

A Remote Assistance connection could not be established. You may want to check for network issues or determine if the invitation expired or was cancelled by the person who sent it.

This problem can occur if the Internet Connection Firewall has been enabled after the Remote Assistance invitation was created. To resolve this problem, we should either create a new Remote Assistance invitation novice's computer, and then have the expert establish the Remote Assistance session.

Incorrect Answers:

A:The Ipconfig/renew command is used to renew the client computer's IP address lease from a DHCP server. It will not resolve a Remote Assistance connection problem.

B:In this scenario the pings are being blocked therefore it is more likely a firewall problem. Restarting the World Wide Web Publishing service will not solve this problem

C:For security reason we should not give the Everyone group Full Control permission on the inetpub folder.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 17, Lesson 3

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**QUESTION 162**

You are the desktop administrator for Certkiller .com. You have just set up a new Windows XP Professional computer at home. The computer is always connected to the internet via an ADSL modem. The computer is configured to have a static IP address assigned by your Internet Service Provider.

You enable the Internet connection Firewall on the ADSL connection. You use thePing command on your office computer to try to connect to your home computer. However, you receive the following error message: "Request timed out."

You examine the Internet connection firewall on your home computer. A portion of the log file is shown here.

```
2001-06-25 15:23:02 DROP ICMP 172.30.23.1 172.30.23.103 - - 60 -  
- - - 8 0 -
```

```
2001-06-25 15:23:07 DROP ICMP 172.30.23.1 172.30.23.103 - - 60 -  
- - - 8 0 -
```

```
2001-06-25 15:23:13 DROP ICMP 172.30.23.1 172.30.23.103 - - 60 -  
- - - 8 0 -
```

```
2001-06-25 15:23:18 DROP ICMP 172.30.23.1 172.30.23.103 - - 60 -  
- - - 8 0 -
```

You need to ensure that you can connect to your home computer by using thePing command from your office computer. You also need to prevent any unauthorized access of your home computer by internet users.

How should you configure your home computer?

- A. Clear the Internet Connection Firewall Check box on the Advanced Tab of the ADSL connection.
- B. Clear the Log dropped packets check box on the security Logging tab of the internet connection firewall settings.
- C. Select the Allow incoming echo requests check box on the ICMP tab of the Internet connection firewall settings.
- D. Select the Allow incoming router requests check box on the ICMP tab of the Internet connection firewall settings.
- E. Select the Allow outgoing destination reachable check box on the ICMP tab of the Internet connection firewall settings.

Answer: C.

Explanation: The ping command sends a series of ICMP echo requests to the specified computer. However, the ICMP echo requests are being dropped by the firewall and are therefore not reaching the specified computer. We need to configure the firewall to allow the ICMP echo requests so that they can pass to the specified computer.

Incorrect Answers:

A: Clearing the Internet Connection Firewall Check box on the Advanced Tab of the ADSL connection will allow access on any ports.

B: Clearing the Log dropped packets check box on the security Logging tab of the Internet connection firewall settings will only stop the logging. It will not allow the ICMP echo requests to pass through the firewall.

D:The ping command sends ICMP echo requests, not router requests.

E:There is no Allow outgoing destination reachable check box on the ICMP tab.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 17, Lesson 3

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**QUESTION 163**

You are a help desk technician for Certkiller .com. Andrew is a salesperson who works remotely. Andrew uses a Windows XP Professional portable computer. He connects to the company network by dialing in to a company remote access server and logging on to the company Active Directory domain. Andrew dials in to several different branch offices, depending on where he is located.

Andrew's user account is a member of the local Administrators group on his computer. He reports that he cannot enable the Internet Connection Firewall on a new dial-up connection that he created. In the past, he enabled the Internet Connection Firewall on other dial-up connections that he created.

You need to ensure that Andrew can enable the Internet Connection Firewall on new dial-up connections that he creates. What should you do?

A. Remove Andrew's user account from the local Administrator group.

Add his user account to the local Power Users group.

B. Ask a domain administrator to remove the Prohibit use of Internet Connection Firewall on your DNS domain group policy in the domain.

Instruct Andrew to connect to the company network and to log on to the domain.

C. Instruct Andrew to disable Internet Connection Sharing (ICS) Discovery and Control on his computer.

Instruct Andrew to delete and re-create the new dial-up connection.

D. Instruct Andrew to delete and re-create the new dial-up connection.

Instruct Andrew to share the new dial-up connection by using Internet Connection Sharing (ICS).

Answer: B.

Explanation: A group policy is preventing Andrew from using Internet Connection Firewall (ICF) on connections to a branch office. This group policy might not apply to all Andrew's remote connections.

Andrew must ask a domain administrator to disable this group policy. The Prohibit use of internet connection firewall on your DNS domain

setting determines whether users can enable the Internet Connection Firewall (ICF) feature on a connection, and if the ICF service can run on a computer. This setting is location aware. It only applies when a computer is connected to the same DNS domain network it was connected to when the setting was refreshed on that computer. If a computer is connected to a DNS domain network other than the one it was connected to when the setting was refreshed, this setting does not apply. This is designed to protect the integrity of corporate networks but it does not prevent users with laptops, for example, from taking their computers home and using these features on their own networks.

Incorrect Answers:

A:The Power Users group has less rights and permissions compared to the Local Administrators group. You must be an administrator for the system in order to enable and manipulate ICF.

C:Recreating a new dial-up connection will not resolve the problem. A network policy blocks configuration of ICF.

D:Recreating a new dial-up connection will not resolve the problem. A network policy blocks configuration of

ICF.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 6, Lesson 3 & Chapter 17, Lesson 3

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**QUESTION 164**

You are the desktop administrator for Certkiller . You are deploying new Windows XP Professional computers with Service Pack 2 (SP2). All computers will be members of Certkiller 's Active Directory domain.

Certkiller uses a standard antivirus and personal firewall application for all client computers. The manufacturer of this application informs you that the application does not include Windows Management Instrumentation (WMI) providers.

You need to ensure that client computers do not display potentially misleading security messages regarding the antivirus and firewall software. What should you do?

- A. Configure the client computers so that the Windows Management Instrumentation Service is disabled.
- B. Configure the client computers so that the Security Center does not display warning messages about applications that are not present.
- C. Configure Group Policy objects (GPOs) to disable Windows Firewall on the new client computers.
- D. Configure Group Policy objects (GPOs) to deploy the antivirus and firewall application to the new client computers.

Answer: B

Explanation: The manufacturer of the anti-virus application informs you that the application does not include Windows Management Instrumentation (WMI) providers. This means that the Windows Security Center will not be able to detect the presence of the anti-virus application. By default, the Security Center will display messages saying that your computer may be at risk. To prevent this, we need to configure the Security Center to not display warning messages about applications that are not present.

Incorrect Answers:

A:It is not necessary to disable this service. Furthermore, disabling this service will not prevent the security messages.

C:Disabling Windows Firewall will not prevent the security messages.

D:Deploying the software using GPOs will not enable the security center to detect the software. Therefore, this solution will not prevent the security messages.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 470-471

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**QUESTION 165**

You are the administrator of a Windows XP Professional computer named Certkiller 1. The computer is connected to the Internet. Certkiller 1 provides Internet access to five other Windows XP Professional computers that are connected to Certkiller 1.

You enable Internet Connection Sharing (ICS) and Windows Firewall on Certkiller 1.

Users on the five computers can successfully ping Certkiller 1. The Certkiller 1 computer can successfully ping Internet sites. However, users on the Internet do not receive a response when they use the Ping

command to test the connection to Certkiller 1.

You want to ensure that users on the Internet can successfully use the Ping command to test the connection to Certkiller 1. What should you do?

- A. Configure the connection to the Internet to bridge the connection.
- B. Change the TCP/IP settings on Certkiller 1 to enable TCP/IP filtering.
- C. Configure Windows Firewall to enable Internet Control Message Protocol (ICMP) echo requests.
- D. Add a new service exception named Ping to Windows Firewall. Use external port number 8 and internal port number 8 for this service exception.

Answer: C

Explanation:

The ping command uses Internet Control Message Protocol (ICMP) echo requests to test connectivity between computers. The ping test is failing in this case because the Internet Control Message Protocol (ICMP) echo requests are being blocked by the Windows firewall. We can solve this problem by configuring the firewall to allow Internet Control Message Protocol (ICMP) echo requests.

Incorrect Answers:

A: With Internet Connection Sharing enabled, the internet connection and the LAN connection are already bridged. This is not the solution to the problem.

B: It is not necessary to enable TCP/IP filtering. TCP/IP filtering is used to allow or deny certain types of TCP/IP traffic. The problem in this question is that the 'pings' are being blocked at the firewall.

D: It is not necessary to add a new service exception. Windows firewall is already 'aware' of ICMP. We just need to configure the firewall to allow ICMP through.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 470-471

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### **QUESTION 166**

You are the network administrator for one of Certkiller's branch offices. Ten employees work in the branch office. All client computers in the branch office run Windows XP Professional. All client computers have manually configured IP address in the 192.168.1.0/24 range.

The branch office has a cable modem connection to the Internet. All employees in the branch office need access to the main office by means of a virtual private network (VPN) connection over the Internet. The VPN connection is configured as shown in the exhibit.

Exhibit

\*\*\*MISSING\*\*\*

Employees in the branch office report that they cannot access resources that are located on the main office network. You investigate and discover that you can establish a VPN connection locally on a client computer named Pro1 and can access main office network resources. However, you cannot connect to Pro1 from other computers on the branch office network.

You want all employees in the branch office to be able to access main office network resources by means of the VPN connection on Pro1. What should you do?

- A. Disable Windows Firewall on the main office VPN connection.
- B. Add a port exception to Windows Firewall to allow incoming PPTP traffic on the main office VPN

connection.

- C. Select the Allow other network users to control or disable the shared Internet connection check box.
- D. Configure all client computers in the branch office to obtain IP address automatically.

Answer: D

Explanation: You can establish a VPN connection to the main office and access main office resources. However, you cannot connect to local resources from your client computer (Pro1). The VPN connection on Pro1 is shared using Internet Connection Sharing. This changes the IP address of the LAN interface to 192.168.0.1 and enables DHCP on that interface. The branch office network is using a 192.168.1.0 address range which is why the branch office users are unable to access the VPN connection and why you are unable to access the branch office computers from Pro1.

If you configure all client computers in the branch office to obtain their IP addresses automatically, they will receive IP addresses in the 192.168.0.0/24 range which will enable them to access the VPN.

Incorrect Answers:

A: The fact that you can access the main office network from Pro1 indicates that the firewall at the main office is correctly configured.

B: The fact that you can access the main office network from Pro1 indicates that the firewall at the main office is correctly configured.

C: This would enable users to disconnect the shared internet connection (if they could access it). It won't however enable the users to access the VPN connection.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, pp. 470-471

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### **QUESTION 167**

You are a help desk technician for Certkiller .com. Irene is a user in the human resources department. She often works with documents that contain confidential information.

Irene creates a folder named Private on volume C. Volume C is an NTFS volume on her Windows XP Professional computer. Then she adds the confidential files to the Private folder. Whenever Irene opens a file, any subsequent temporary files are created within the same folder as the source document.

You need to configure Irene's computer so that only she can access the confidential documents. You also need to minimize the impact of the configuration on her computer's performance.

What should you do?

- A. In the Encrypted data Recovery Agents policy for the local computer, import a certificate. Compress the contents of volume C.
- B. Instruct Irene to modify the properties of each file in the Private folder by selecting the option to encrypt the contents of the files.
- C. Instruct Irene to modify the properties of the Private folder by selecting the option to encrypt the contents of the folder.  
Then instruct Irene to accept the default setting on the Confirm Attributes Changes dialog box.
- D. Ensure that Irene has Allow-Full Control permission on the Private folder.  
Instruct Irene to modify the properties of the Private folder and then select the option to compress the contents of the folder.

Answer: C.

Explanation: By encrypting the files Irene will ensure that only she and an Encrypted data Recovery Agent can access the files.

Incorrect Answers:

A: Compressing the volume will not encrypt the files.

B: This would work but it would be easier to encrypt the folder. This will cause any new files created in the folder to inherit the encryption.

D: Compressing the folder will not encrypt the files.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3

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**QUESTION 168**

You are a help desk technician for Certkiller .com. All users have Windows XP Professional computers. Ten users run a custom application named Finance on their computers. Finance stores user passwords in a file named Passwords.ini

By default, the Passwords.ini file is stored in a folder named C:\Winnt\App1. The location and name of the file can be changed by an administrator. Each Passwords.ini file is unique. Each computer contains a single logical drive, which is drive C and is formatted as NTFS.

In order

to comply with a new company security policy, you need to ensure that the Passwords.ini files are encrypted. What should you do?

A. In the Properties of the C:\Winnt\App1 folder, use Windows Explorer to select the option to encrypt the contents of the folder. Accept the default settings on the Confirm Attributes Changes dialog box.

B. Ask a network administrator to share a new encrypted folder named PassFiles on a network server and to permit users to read the files contained within the folder. Copy the passwords.ini file from each computer into the PassFiles folder. On each computer, configure Finance to use the Passwords.ini file in the PassFiles folder.

C. Create a folder named C:\Files. Copy the Passwords.ini file to the C:\Files folder. In the properties of the C:\Files folder, select the option to encrypt the contents of the folder. Accept the default settings on the Confirm Attributes Changes dialog box. Configure Finance to use the C:\Files\Passwords.ini file.

D. Create a folder named C:\Files. Move the passwords.ini file to the C:\Files folder. Instruct the user of each computer to open the properties of the C:\Files folder and select the option to encrypt the contents of the folder. Accept the default settings on the Confirm Attributes Changes dialog box. Configure Finance to use the C:\Files\Passwords.ini files.

Answer: D.

Explanation: The user must encrypt the files. If the administrator encrypts the files, the user will not be able to access them.

Incorrect Answers:

A: The user must encrypt the files.

B: Each Passwords.ini file is unique. We cannot have 10 files with the same name in one shared folder.

C: The file is copied so the original is left unencrypted.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3

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**QUESTION 169**

You are a network Administrator for Certkiller .com. The network consists of Windows XP Professional computers in a Windows 2000 domain Certkiller .com. Users store encrypted documents on the Windows XP Professional computers. The company does not use roaming user profiles.

You perform a maintenance upgrade on the Windows XP Professional computer of a user named Katherine. During this upgrade, Katherine's user profile is deleted by mistake. When Katherine logs on again and attempts to open her documents, she receives error message stating that access is denied. There is no backup to Katherine's documents.

You want to allow Katherine access to her documents again. What should you do?

- A. Run the Cipher command to update the encryption of all documents.
- B. Restore the computer to the last restore point.
- C. Use the Password Reset disk to gain access to Katherine's Encrypting File System (EFS) keys.
- D. Use the Data Recovery Agent key to decrypt the documents.
- E. Select all documents and add Katherine to the list of users who can transparently open the files.

Answer: D

Explanation: The Data Recovery Agent would be able to decrypt the documents. This is the best solution with least administrative effort.

Incorrect Answers

A: Cipher displays or alters the encryption of folders and files on NTFS volumes. You would not be able to decrypt the files however. Only the Data Recovery Agent would be able to do that.

B: It is no need to use the last restore point. If we used it we would have to perform the upgrade again.

C: You can use a password reset disk to gain access to your Windows XP Professional-based computer if you forget your password. However, it would not give access to the Encrypting File System (EFS) keys.

E: There is no permission or right "transparently open". This notion is sometimes used in an FTP context.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3

Microsoft Knowledge Base Article - Q306214, HOW TO: Create and Use a Password Reset Disk for a Computer in a Domain in Windows XP

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**QUESTION 170**

You are the administrator of 250 Windows XP Professional computers for Certkiller . All computers at Certkiller are members of a Windows 2000 domain. Group Policy objects (GPOs) in the domain are used to manage the Windows XP Professional computers. Each user account is configured to use a roaming profile.

Three of the Windows XP Professional computers are used at the reception desk. You want to disable the use of Encrypting File System (EFS) on these three computers.

What should you do?

- A. Place the three computers in a separate organization unit (OU):

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Configure a GPO on the OU to remove the data recovery agents.

B. On the three computers, configure the local security policy to remove the data recovery agents.

C. On the three computers, configure the local security policy so that users are not allowed to encrypt files.

D. On the three computers, delete the private key of the data recovery agent.

Answer: A

Explanation: Windows 2000 follows the LSDOU model in which inheritance flows in the order Local Computer->Site->Domain->OU. To ensure that the policy is not overridden by other policies we therefore prefer a GPO linked to an OU compared to a local policy. In this scenario we create a new OU, put the three computers into the new OU, and create new GPO that is link to the OU. We configure the GPO to remove the data recovery agents and since EFS requires an encrypted data recovery agent policy before it can be used, EFS would be disabled.

Incorrect Answers

B:The local policy can be overridden.

C:This is not the way to prevent use of EFS.

D:There might be several data recovery agents.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3

Microsoft Knowledge Base Article - Q222022: HOW TO: Disable EFS for All Computers in a Windows 2000-Based Domain,

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**QUESTION 171**

You are the administrator of the Windows XP Professional computers for Certkiller . A user named Maria recently left Certkiller . Her user account is already deleted from the domain. You need to prepare the Windows XP Professional computer that Maria used so that a new employee can use it.

You need to transfer Maria's documents from the Windows XP Professional computer to a server on Certkiller 's network. The documents are encrypted by Maria, but you do not have to decrypt them. You are not the data recovery agent.

What should you do before you delete Maria's documents from the computer?

A. Use the Xcopy command to copy the documents to the server.

B. Use the Backup application to back up the documents to the server.

C. Select the documents and take ownership. Copy the documents to the server.

D. Select the documents and add your user account to the list of users who can transparently open the file. Copy the documents to the server.

E. Use the Certificates console to obtain Maria's Encrypting File System (EFS) certificate from the certification authority (CA). Copy the documents to the server.

Answer: B

Explanation: If the files are encrypted and you're not an encrypted data recovery agent then you can't open the files. This also means that you can't copy the files. However, you can backup the files using the Windows XP Backup utility. Therefore, this is the only way to move Maria's files to the server.

Incorrect Answers:

A: You cannot copy the encrypted files with Xcopy unless you are an encrypted data recovery agent.

C: Taking ownership of the files will not enable you to copy them. You will still get an "Access Denied" error.

D: This will not enable you to copy the files.

E: You could use Maria's Encrypting File System (EFS) certificate from the certification authority (CA) to decrypt the files. However, the question doesn't state that the network is using a certification authority.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3

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### **QUESTION 172**

You are the administrator of the Windows XP Professional portable computers that are used by your company's sales representatives. The computers are members of a Windows 2000 domain. A Windows 2000 Server computer named Server1 contains the sales data used by the sales representatives in a shared folder named Data.

When sales representatives travel, they use the Offline Files feature to access the files in the \\Server1\Data shared folder. You want to ensure that the offline files on the portable computers are not accessible by unauthorized persons, in the event that a portable computer is lost.

What should you do?

A. Instruct the sales representatives to configure the permissions on the offline files on their portable computers to allow access for only their user accounts.

B. On Server1, configure the permissions on all files in the Data shared folder to allow access for only the sales representatives.

C. Use a Group Policy object (GPO) to enable the Encrypt the Offline Files cache option for the portable computers.

D. On the portable computer, enable encryption of the %systemroot%\CSC folder.

Apply this setting to the folder and files in the CSC folder.

E. On Server1, encrypt all files in the Data shared folder.

Add all sales representatives to the encryption details.

Answer: C

Explanation: You can use Group Policy settings to control the functioning of Offline Files. In an Active Directory environment, you can apply these settings to groups of users by applying a GPO to a site, domain, or organizational unit. The Encrypt the Offline Files cache option determines whether offline files are encrypted in the cache on the local computer. Encrypting the offline cache enhances security on the local computer.

Incorrect Answers:

A: Encryption is more secure than NTFS file permission.

B: We must configure the higher security for the caches files, not for files on the server.

D: The CSC folder should not be modified directly. We should use a Group Policy Setting to configure encryption of Offline files instead.

Note: The Offline Files cache is a folder structure located in the %SystemRoot%\CSC folder, which is hidden can result in data loss and a complete breakdown of Offline Files functionality.

E: We must configure the higher security for the caches files, not for files on the server.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3  
Windows XP Resource Kit, Group Policy Settings That Affect Offline Files

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**QUESTION 173**

domain that includes 15 Microsoft Windows NT Workstation 4.0 computers and 20 new Windows XP Professional computers.

Domain users of Windows NT Workstation 4.0 computers can run an older application on their computers. However, domain users of Windows XP Professional computers cannot run the same legacy application on their computers.

You need to enable all users of Windows XP Professional computers to run this application. Your solution must not give the users administrative control of their computers.

You create an Organizational unit name Pro and a Group Policy Object name Legacy. How should you reconfigure the Windows XP Professional computers?

- A. Add the domain user accounts to the Pro OU.  
Import the Basicwk.inf security template to the legacy GPO.
- B. Add the domain user accounts to the Pro OU.  
Import the Compatws.inf security template to the Legacy GPO.
- C. Add the computer accounts to the Pro OU.  
Import the Basicwk.inf security template to the legacy GPO.
- D. Add the computer accounts to the Pro OU.  
Import the Compatws.inf security template to the Legacy GPO.

Answer: D.

Explanation: The compatws template relaxes security to permit legacy programs to run.

Incorrect Answers:

- A: This is a computer setting, not a user setting.
- B: This is a computer setting, not a user setting.
- C: This is the default template. We need the compatws template.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

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**QUESTION 174**

You are the administrator of your company's network, which includes an Active Directory domain. Your company hires Julie to help deploy Windows XP Professional to 200 new computers. You create a new domain user account for Julie and add it to the Domain Users group.

Julie is able to perform the Windows XP Professional installation on the new computers, but she is unable to add the computers to the Active Directory domain. She verifies that the computers are connected to the network and that they are receiving IP configuration information from your company's DHCP server.

You need to ensure that Julie can add the new computers to the Active Directory domain. You also need to ensure that Julie does not have any unnecessary security privileges on the network.

What should you do?

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- A. Add Julie's domain user account to the Server Operators domain user group.
- B. Use the Delegation of Control Wizard to grant Julie's domain user account the right to create new objects in the computers container.
- C. On a domain controller, use the Local Computer Policy MMC to add Julie's domain user account to the add workstations to domain user right policy.
- D. Install the Active Directory users and computers MMC on Julie's Windows XP Professional computer. Add Julie's domain user account to the domain Administrators domain user group.

Answer: C.

Explanation: Julie needs the right to add workstations to the domain. If you configure this right on one Domain Controller, the right will be replicated to the other Domain Controllers.

Incorrect Answers:

A: This will give her more rights than necessary.

B: This will enable her to create any object in the computers container.

D: This will give her more rights than necessary.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lessons 1, 2 & 3

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**QUESTION 175**

You are the administrator of all the Windows XP Professional portable computers for Certkiller .com. All computers are members of a Windows 2000 domain.

During the day, users connect their portable computers to the company network. In the evening at home, users use their portable computers to access the Internet.

Users report that when they connect their portable computers to the company network, they are able to access network resources. However, users on the network are not able to connect to shared folders that are defined on the portable computers. You verify that the users have the necessary permissions to connect to the shared folders on the portable computers.

You want to ensure that the portable computers are protected when they are connected to the Internet in the evening. You also want to ensure that users can access shared folders on the portable computers during the day.

What should you do?

- A. On the Windows XP Professional portable computers, enable Internet Connection sharing (ICS) Discovery and Control.
- B. Configure the Network TCP/IP settings on the Windows XP Professional portable computers to use DHCP. Configure the Alternate Configuration feature to use user-configured addresses.
- C. Link a Group Policy object (GPO) to the company network sites. Configure the GPO to enable Guest only sharing and security model for local accounts.
- D. On the Windows XP Professional portable computers, enable Internet Connection Firewall (ICF). Configure the local Group Policy object (GPO) to enable Prohibit the use of ICF on your DNS domain network.
- E. On the Windows XP Professional portable computers, enable Internet Connection Firewall (ICF). Configure the Local Group Policy object (GPO) to enable Prohibit Enabling/Disabling components of a LAN connection.

Answer: D

Explanation: In this scenario we configure the mobile computers with Internet Connection Firewall (ICF). This will make the mobile computers more secure when they connect to public networks like the Internet. However, at company network ICF will prevent other users from accessing local resources on the mobile computers. The solution to this dilemma is to use a location-Aware Group Policy.

ICF has a Group Policy, Prohibit the use of ICF on your DNS domain network, that allows domain administrators to prevent ICF from running in their domain. This Group Policy is location-aware, which means that ICF may still be configured and run when the PC is not running on the network in which the policy was pushed down.

Incorrect Answers:

A:ICS is used to share Internet connections, not to share local resources on the computer. ICS doesn't apply in this scenario.

B:The Alternative configuration feature enables mobile computers to have two different IP configuration, for example one at the office and one at home. This configuration would not help sharing the resources of the mobile computers however.

C:The Guest only sharing and security model for local accounts will only allow connections to the computer with the Guest account and is used to strengthen security. It is enabled by default. Furthermore this Group policy doesn't apply for computers that are joined to a domain. To configure a GPO with the policy in the domain will not achieve anything.

Note:The sharing and security model for local accounts allows you to choose between the Guest-only security model or the Classic security model. In the Guest-only model, all attempts to log on to the local computer from across the network will be forced to use the Guest account. In the Classic security model, users who attempt to log on to the local computer from across the network authenticate as themselves. This policy does not apply to computers that are joined to a domain. Otherwise, Guest-only is enabled by default.

E:The Prohibit Enabling/Disabling components of a LAN connection policy determines whether administrators can enable and disable the components that local area network (LAN) connections use. This policy does not have any relevance for the problem in this scenario.

Note: Enabling this policy removes the check boxes for enabling and disabling components. As a result, administrators cannot enable or disable the components that a connection uses.

Non-administrators are already prohibited from enabling or disabling components for a LAN connection, regardless of this policy.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lessons 1, 2 & 3

Microsoft Windows XP paper, Internet Connection Firewall Feature Overview

Microsoft Knowledge Base Article (Q283676): HOW TO: Use the Alternate Configuration Feature for Multiple Network Connectivity in Windows XP

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## QUESTION 176

You are the desktop administrator for Contoso, Ltd. The company's network contains 1,000 Windows XP Professional computers, which are members of a single Active Directory domain. The computers' hard disks are formatted as NTFS.

The company's software developers release a new custom application. The application uses a .dll file named AppLib.dll, which is installed in a folder named \Program Files\Contoso\OpsApp.

The company's software help desk technicians report that several users experience problems when they

use the application because the AppLib.dll file was deleted on their client computers. The company's software developers recommend that you modify the file permissions on AppLib.dll so that users have only Read permission on the file.

You need to ensure that all users have only Read permission on the AppLib.dll file on all 1,000 Windows XP Professional computers. What should you do?

- A. Write a logon script that moves the AppLib.dll file into the %systemroot%\System32 folder. Ensure that Windows File Protection is enabled on all 1,000 Windows XP Professional computers. Apply the logon script to all domain user accounts.
- B. Use the Security Configuration and Analysis console to create a new security template that modifies the file permissions on AppLib.dll. Use the Active Directory Group Policy to import and apply the template to all 1,000 Windows XP Professional computers.
- C. Repackage the customer application in a Windows Installer package. Ask a domain administrator to create a Group Policy object (GPO) that advertises the package to all domain user accounts.
- D. Write a Microsoft Visual Basic Scripting Edition (VBScript) file named Modify.vbs that modifies the file permissions on AppLib.dll. E-mail Modify.vbs to all company employees and instruct them to double-click the file in order to run it.

Answer: B

Explanation: File system security, in particular the permission on a specific file, can be configured by a security template. The Security Configuration and Analysis tool can be used to create such a template. This template can then be applied with a Group Policy Object.

Incorrect Answers:

A: Windows File Protection protects files which are included in the Windows operating system. It will not protect application files.

C: Repacking and redeploying the application will not change the permission to the specific file. The AppLib.dll file could still be removed by the users.

D: It is not a good practice to require the users to do administrative tasks. We cannot rely on the users to do this. Furthermore, the script would most likely not achieve the desired effect, since the users might not have permission to change the file permission on the file.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

Microsoft Technet, Step-by-Step Guide to Using the Security Configuration Tool Set

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### **QUESTION 177**

You are the desktop administrator for Certkiller .com. The company's network contains 500 Windows XP Professional computers. The information security department releases a new security template name NewSec.inf.

You import NewSec.inf into a security database named NewSec.sdb. You analyze the result, and you review the changes that the template makes. You examine the security policies that are defined in NewSec.inf. You discover that the settings in the NewSec.inf have not been implemented on your computer.

You need to ensure that the settings in NewSec.inf overwrite the settings in your computer's local security policy. What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Run the Secedit /configure /db C:\NewSec.sdb command.
- B. Run the Secedit refreshpolicy machine\_policy command.
- C. Copy the NewSec.inf to the C:\Windows\Inf folder.
- D. Copy the NewSec.sdb to the C:\Windows\System32\Microsoft\Protect folder.
- E. Use the Security Configuration and Analysis console to open NewSec.sdb and then perform a Configure option.
- F. Use the Security Configuration and Analysis console to export NewSec.sdb to the Defltwk.inf security template.

Answer: A, E

Explanation:

We have only analyzed the new security template. Now we must apply it. We can either use the Secedit utility or the Security Configuration and Analysis console to apply the security template.

A: The secedit /configure command configures system security by applying a stored template. The /DB filename parameter provides the path to a database that contains the security template that should be applied.

E: We use the Configure Now option in the Security Configuration and Analysis utility to apply the new template.

Incorrect Answers:

B: Refreshing the machine policy would not help since we have not applied the template yet. We have only analyzed it.

C, D: The template cannot be applied by copying a file. We must either use the Secedit command line utility or the Security Configuration and Analysis console.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

Windows 2000 Advanced Server Documentation, Configure system security

Windows 2000 Server documentation, Configure system security

Microsoft Knowledge Base Article (Q216735): Methods Used to Apply Security Settings Throughout an Enterprise

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## QUESTION 178

You are the desktop administrator for Certkiller Inc. The company's network contains 500 Windows XP Professional computers.

The information security department releases new security requirements. The new requirements state that the Telnet service may not be started on any company-owned client computer.

You need to create a new security template that prevents the Telnet service from starting on company-owned client computers. You open the Security Configuration and Analysis console on your Windows XP Professional computer.

Which portion of the console do you need to configure?

To answer, click the appropriate container in the Security Configuration and Analysis console.



Answer:

Explanation: System Services .

The Telnet service can be disabled in System Services.

First we select System Services and then double-click on Telnet.

Then we disable the Telnet service.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

### QUESTION 179

You are the desktop administrator for one of Certkiller .com's branch offices. The network in your branch office contains 100 Windows XP Professional computers.

The computers are configured with the Compatws.inf security template.

One of the network administrators in Certkiller .com's main office creates a new security template named CompanySec.inf. The new template is designed to be applied to each of the company's Windows XP Professional computers.

The users in your branch office have different security requirements from the users in the main office.

You need to find out whether the new security template will violate the security requirements of the users in the branch office.

What should you do?

- A. Run the Secedit.exe command in validation mode and specify the new security template.
- B. Run the Secedit.exe command in configuration mode and specify the new security template.
- C. Use the Security Configuration and Analysis console to import both templates into a security database, and then perform an Analyze operation.

D. Use the Security Configuration and Analysis console to import both templates into a security database, and then perform a Configure operation.

Answer: C

Explanation: We must use both templates and analyze them, either with Secedit or with the Security Configuration and Analysis console.

Incorrect Answers

A: Secedit /analyzeruns secedit in analyze (validation) mode. However, we should specify both the current and the new security template.

B: We should analyze, not apply, the new security template.

D: We do not want to apply the new security template before it is analyzed.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

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### **QUESTION 180**

You want to prevent a Windows XP Professional computer named Certkiller 3 from communicating on your network with Windows NT 4.0, Windows 95, and Windows 98 computers. You want to enable the Certkiller 3 computer to communicate on your network with other Windows XP computers only. What should you do?

A. Close all NetBIOS ports in the Advanced TCP/IP options of Certkiller 3.

B. Import the Hisecws.inf security template to Certkiller 3.

C. Disable access this computer from network in the local security policy settings for Certkiller 3.

D. Clear all WINS client settings on Certkiller 3.

Answer: B

Explanation: The Hisecws.inf is the security template that requires the highest level of security and the maximum protection for network traffic and protocols used between computers running Windows XP. As a result, computers configured with a highly secure template can only communicate with other Windows XP computers. They will not be able to communicate with computers running Windows 95, Windows 98, or Windows NT.

Incorrect Answers:

A: Closing NetBIOS ports will affect Windows XP and downlevel Windows clients similarly. In other words it will affect the ability of all other computers to communicate with the computer.

C: Disabling the "Access this computer from network" setting would prevent all other computers, including Windows XP computers from accessing the computer through the network.

D: Clearing the WINS client settings on Certkiller 3 will not prevent Windows 95, Windows 98 or Windows NT computers from communicating with Certkiller 3.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

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**QUESTION 181**

You are the desktop administrator for Certkiller . Certkiller 's network consists of a single Microsoft Windows NT domain. The network contains 2,000 Windows XP Professional computers. The information security department releases a new security template named NewSecurity.inf into a security database named NewSec.sdb. You copy NewSec.sdb to a folder named Sec on a server named Server1. You need to apply NewSecurity.inf to the Windows XP Professional computers. What should you do?

- A. Use the Security Configuration and Analysis console to export a template named NewSec.inf from NewSec.sdb. Copy NewSec.inf to each client computer.
- B. Write a logon script that copies NewSec.sdb to the %systemroot%\System32 folder on each client computer.
- C. Copy NewSec.sdb to the Netlogon shared folder on each domain controller.
- D. Write a logon script that runs the Secedit /configure /db \\Server1\Sec\NewSec.sdb command. Apply the logon script to all domain user accounts.

Answer: D

Explanation: The Secedit utility is a command line version of the Security Configuration and Analysis utility. If we were using the Security Configuration and Analysis utility, we would open the database and select "Configure" to configure the computer with the settings specified in the database. The command Secedit /configure /db \\Server1\Sec\NewSec.sdb does the same thing from the command line. \\Server1\Sec\NewSec.sdb is the path to the saved database.

Explanation:

- A:To configure a computer, the .inf template file needs to be imported into a database. This has already been done by the IS department. There is no need to re-export the .inf template from the database.
- B:Copying the database file to %systemroot%\System32 folder on each client computer will not configure the computers with the settings specified in the database. To configure the computers, we need to use either the Security Configuration and Analysis utility or its command line version Secedit.
- C:Copying the database file to the Netlogon shared folder on each domain controller will not configure the computers with the settings specified in the database. To configure the computers, we need to use either the Security Configuration and Analysis utility or its command line version Secedit.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

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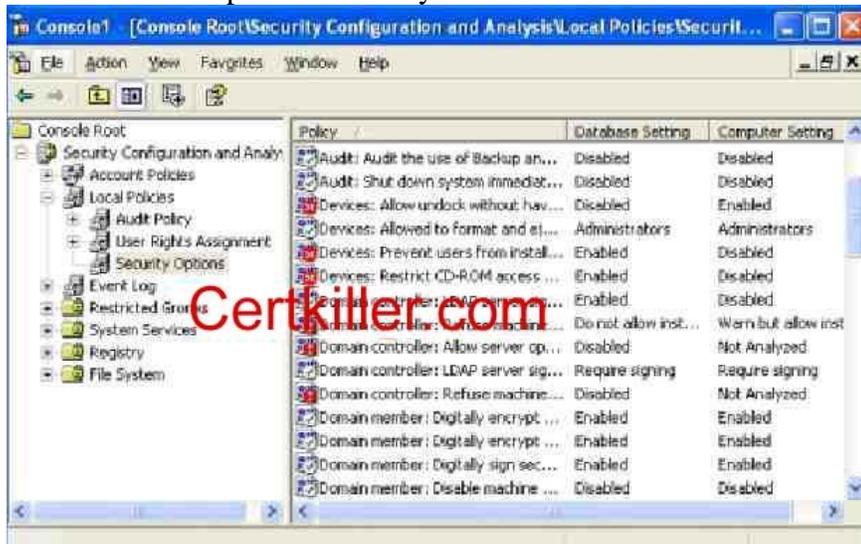
**QUESTION 182**

You are the desktop administrator for one of Certkiller 's branch offices. The network in the branch office contains 20 Windows XP Professional computers. Windows XP Professional was installed on the computers by using a RIS image. The computers also use a security template named Standard.inf, which you created and applied to the computers.

Certkiller 's Information Security department releases a new security template named Corporate.inf. You are instructed to apply Corporate.inf to all 20 Windows XP Professional computers in your office. You are also instructed to make a list of all policies that are defined in Corporate.inf but that are not already enforced on the Windows XP Professional computers.

You import Corporate.inf into the Security Configuration and Analysis console on your Windows XP

Professional computer. The analysis is shown in the exhibit.



You need to document the security policies that will be enforced for the first time when Corporate.inf is applied to the computers in your office.

Which policies should you document?

- A. The policies that are displayed with an X or an exclamation point in the analysis.
- B. The policies that are displayed with a check mark in the analysis.
- C. The policies that are displayed as Enabled in the Computer Setting column.
- D. The policies that are displayed as Disabled in the Computer Setting column.

Answer: A

Explanation: The new policies that conflict with the existing policies are displayed with an X or an exclamation point in the analysis.

Incorrect answers:

B, C & D : The check mark policies, the Enabled and Disabled policies as marked in the Computer setting column, does not have to be documented in this scenario. This scenario only calls for the policies that will be enforced for the first time.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

### QUESTION 183

You are the desktop administrator for Certkiller .com's sales department. The IT manager for the sales department wants to ensure that each Windows XP Professional event log retains approximately 5 MB of data. He deploys this policy to the computers in the sales department by using Group Policy. You find out that the policy has not been applied consistently. You need to ensure that the policy is applied consistently. Which command should you run?

- A. Secedit /refreshpolicy user\_policy
- B. Secedit /refreshpolicy machine\_policy
- C. Gpupdate /target:computer
- D. Gpupdate /target:user

Answer: C

Explanation: The Gpupdate command refreshes local and Active Directory-based Group Policy settings, including security settings. This command supersedes the now obsolete /refreshpolicy option for the secedit command.

We should apply the policy to the computers, not to the users.

Incorrect Answers

A, B: The "old" secedit.exe was replaced with GpUpdate.

D: We should apply the policy to the computers, not to the users.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

Windows XP help, gpupdate

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**QUESTION 184**

You are the desktop administrator for Certkiller 'ssales department. The IT manager for the sales department needs to distribute a custom application to the Windows XP Professional computers in the sales department. He deploys the software by using Group Policy.

Susan is a user in the sales department. She reports that the custom application is not available. You examine her computer, and you verify that the application is not present on her computer.

You want to ensure that the software is deployed the next time Susan logs on.

Which command should you run?

- A. Secedit /refreshpolicy user\_policy /enforce
- B. Secedit /refreshpolicy machine\_policy /enforce
- C. Gpupdate /target:computer /sync
- D. Gpupdate /target:user /sync

Answer: C

Explanation: The question states that the application is deployed to the computers. Therefore, we need to refresh the computer policy. The command to refresh the computer policy is gpupdate /target:computer /sync. This command has replaced the old secedit/refreshpolicy command.

Incorrect Answers:

A: The secedit /refreshpolicy command has been superseded by the gpupdate command.

B: The secedit /refreshpolicy command has been superseded by the gpupdate command.

D: The question states that the application is deployed to the computers. Therefore, we need to refresh the computer policy, not the user policy.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

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**QUESTION 185**

You are the desktop administrator for Certkiller .com. The company has an Active Directory domain that includes 15 Microsoft Windows NT Workstation 4.0 computers and 20 new Windows XP Professional

computers.

Domain users of Windows NT Workstation 4.0 computers can run an older application, developed by Certkiller, on their computer. However, domain users of Windows XP Professional computers cannot run the same legacy application on their computers.

You need to enable all users of Windows XP Professional computers to run this application. Your solution must not give the users administrative control of their computers.

You create an organizational unit (OU) named Pro and a Group Policy object (GPO) named Certkiller Legacy. How should you reconfigure the Windows XP Professional computers?

- A. Add the domain user accounts to the Pro OU. Import the Basicwk.inf security template to the Certkiller Legacy GPO.
- B. Add the domain user accounts to the Pro OU. Import the Compatws.inf security template to the Certkiller Legacy GPO.
- C. Add the computer accounts to the Pro OU. Import the Basicwk.inf security template to the Certkiller Legacy GPO.
- D. Add the computer accounts to the Pro OU. Import the Compatws.inf security template to the Certkiller Legacy GPO.

Answer: D

Explanation: We must use the Compatws.inf security template to make the Legacy application to run. The security template should be applied to the specific computers.

Note: The Compatible template changes the default file and registry permissions that are granted to Users in a manner that is consistent with the requirements of most non-certified applications. Additionally, since it is assumed that the administrator that is applying the Compatible template does not want end users to be Power Users, the Compatible template also removes all members of the Power Users group.

Incorrect Answers

B: The Security template should be applied to computers, not users.

A, C: There is no basicwk.inf security template in Windows XP.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lessons 1, 2 & 3

Windows XP Help, Predefined security templates

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### **QUESTION 186**

You are the administrator of 30 Windows XP Professional computers. The computers are not members of a domain. Users of the Windows XP Professional computers encrypt files on the local computers.

A user named Stephen reports that he cannot remember his current password. However, he does remember his previous password. Before he changed his current password, Stephen created a password reset disk.

You want to ensure that Stephen can log on to this Windows XP Professional computer again, and that he can open the encrypted files.

What should you do?

- A. Reset Stephen's password and instruct Stephen to log on with the new password.
- B. Reset Stephen's password and then use the password reset disk.

Instruct Stephen to log with his previous password.

C. Instruct Stephen to use the password reset disk to set a new password on his account.

D. Use the Forgotten Password Wizard to create a new password reset disk for Stephen.

Use this disk to set a new password on Stephen's account.

Answer: C

Explanation: If an administrator removes the password on a user account, the user account will lose all EFS-encrypted files, personal certificates, and stored passwords for Web sites or network resources. Each user should make a password reset disk to avoid this situation. To create a password floppy disk, open User Accounts and, under Related Tasks, click Prevent A Forgotten Password. The Forgotten Password Wizard steps you through creating the password reset disk.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 14, Lesson 3

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**QUESTION 187**

You are the network administrator for Certkiller . The network includes an Active Directory domain. All client computers are members of the domain.

A Windows XP Professional computer named Certkiller 1 runs a line-of-business application that is used by several users. These users log on to Certkiller 1 by using local user accounts. These accounts have been granted the specific permissions that are necessary for the application to function. Users do not use local accounts on other client computers.

Domain users currently change their password every 45 days. You need to ensure that the users of Certkiller 1 change their local account passwords every 20 days.

What should you do?

A. Configure local security policy on Certkiller 1 so that it has a maximum password age of 20.

B. Configure the Default Domain policy in the domain so that it has a maximum password age of 20.

C. Configure local security policy on Certkiller 1 so that it has a password history of 20.

D. Configure the Default Domain policy in the domain so that it has a password history of 20.

Answer: A

Explanation: The password policies section of the local security policy on Certkiller 1 applies to local user security policy to require that passwords be changed every 20 days.

Incorrect Answers:

B:The password setting in the Default Domain Policy applies to domain user accounts, not local user accounts.

C:The password history setting is used to configure the number of previous passwords that are 'remembered' by the system to prevent users using the same passwords again. To require a password to be changed after a period of time, you need to configure the password "age", not the password "history".

D:The password history setting is used to configure the number of previous passwords that are 'remembered' by the system to prevent users using the same passwords again. The password history setting in the Default Domain policy applies to domain user accounts, not local user accounts.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p. 243

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**QUESTION 188**

You are the administrator of 10 Windows XP Professional computers for Certkiller .com. The computers are members of a Windows 2000 domain. Because the computers are used in a public area in the cafeteria, you audit all security events on the computers.

A user named Marc reports that he was using one of the Windows XP Professional computers when the computer suddenly shut down with a STOP error. When the computer restarted, Marc attempted to log on by using the same user name and password the he used before Marc received the following error message: "Your account is configured to prevent you from using this computer. Please try another computer." Marc states that he did not do anything to cause the STOP error to occur.

You want to ensure that Marc can use this computer. What should you do?

- A. On the computer, save and clear the security log, set the CrashOnAuditFail setting to 1, and restart the computer.
- B. On the computer, modify the local audit policy so that system events are not audited, set the CrashOnCtrlScroll setting to 1, and restart the computer.
- C. In the domain, modify Marc's Logon Workstations list to include the name of the computer.
- D. In the domain, modify Marc's account properties to unlock the account.

Answer: A

Explanation: This message will be displayed if the Windows NT Resource Kit utility, C2 Configuration Manager (C2Config.exe) has been run on the validating server and the "Halt on Audit Failure" security feature is enabled. When the Security Log size reaches capacity, only Administrators will be able to access the server. To resolve this issue, an Administrator should clear the Security Log and run C2CONFIG to reset the CrashOnAuditFail value to 1.

Incorrect Answers:

B: The CrashOnAuditFail, not the CrashOnCtrlScroll, setting should be set to 1.

The CrashOnCtrlScroll setting is used to enable a crash with certain keystrokes.

C: Marc was able to log on to the computer before the crash. Marc's account is already allowed to log on to this computer, and this setting has not changed after the crash.

D: Marc account has not been locked out. Another message would be displayed if Marc's account was locked out.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lesson 2

Microsoft Knowledge Base Article (Q160783): Error: Users Cannot Log On to a Workstation

Microsoft Knowledge Base Article (Q140058): How To Prevent Auditable Activities When Security Log Is Full

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**QUESTION 189**

You are the administrator of 25 Windows XP Professional computers at Certkiller Inc. The computers are not members of a domain. You want to delegate some of the administration of Windows XP Professional computers to members of the Power Users group on the computers.

## 070-270

You modify the permissions on specific files, folders, and Registry entries to allow the Power Users group to administer the Windows XP Professional computers. However, members of the Power Users group report that they are not able to specify auditing options for individual files and folder.

How should you resolve the problem?

- A. Grant the Power Users group Allow - Full Control permission on the %systemroot%\System32\Config folder.
- B. Assign the Generate security audits user right to the Power Users group.
- C. Assign the Manage auditing and security log user right to the Power Users group.
- D. Configure the Audit object access setting to log success and failure events.

Answer: D

Explanation: To audit user access to files and folders, you must first set the Audit Object Access event category, which includes files and folders, in the audit policy. Once you have set Audit Object Access in your audit policy, the power users would be able to configure auditing for specific files and folders and specify which types of access to audit.

Incorrect Answers

A: Full permission on this specific folder would give the Power Users any increased permissions regarding auditing.

B: The Generate security audits privilege allows a process to make entries in the security log for object access auditing. However, the Power Users should not make log entries. They just need to manage auditing.

C: The Manage auditing and security log privilege allows a user to specify object access auditing options for individual resources such as files, Active Directory objects, and registry keys. The Power Users group cannot, by default, manage the security and auditing logs. This option is not required for this scenario, however. We just want the Power users to be able to specify auditing on files and folders.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 12, Lesson 2

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### **QUESTION** 190

You are a desktop administrator for Certkiller . A user reports that the security log on his Windows XP Professional computer is full.

You examine the log and discover that it is full of events that relate to logons, resource access, and other security-related events. Certkiller policy does not require that client computers store these events. The user reports that he did not know that the computer was keeping the events.

You need to configure the computer so that the security log does not fill up with these events. What should you do?

- A. Disable all auditing on the computer.
- B. Empty the security log on the computer. Expand the log size to 5 MB.
- C. Tell the user not to log off his computer except when he shuts down the computer.
- D. Add the user's user account to the local Administrators group on the computer.

Answer: A

Explanation: The security log is full of 'events' such as logon events, resource access etc. These events are being recorded because auditing is enabled. To configure the computer so that the security log does not fill up with these events, we need to disable the auditing.

Incorrect Answers:

B:Emptying the log won't solve the problem. While auditing is enabled, the security events will be recorded and the log will eventually fill up again.

C:This answer is silly and impractical. The user should be able to log off whenever he needs to.

D:Adding the user to the Administrators group will not stop the security events being logged.

Reference:

Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide Second Edition, Sybex Inc., Alameda, 2003, p.p. 247, 252

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### **QUESTION 191**

You are a help desk technician for Certkiller .com. Susan is an executive. Because Susan travels frequently, she uses a Windows XP Professional portable computer that has a smart card reader. Susan asks you to configure her computer so that she can dial in to the company network when she is out of the office. Company security policy states that dial-in users must use a smart card when they connect to the network, and that the users must use the strongest form of data encryption possible. Company security policy also states that client computers must disconnect if the routing and remote access server does not support both smart card authentication and the strongest possible authentication.

You need to configure the dial-up connection properties on Susan's computer to dial in to the company network. Your solution must ensure that company security policies are enforced.

Which three actions should you perform? (Each correct

Answer: presents part of the solution. Choose three)

- A. Select the Advanced (custom settings) security option.
- B. Select the Require data encryption check box.
- C. Select the Typical (recommended settings) security option.
- D. Select the Use smart card item from the Validate my identity as follows list.
- E. Select the Maximum strength encryption item from the Data encryption list.
- F. Select the Allow these protocols option, and select the MS-CHAP v2 check box.
- G. Select the Extensible Authentication Protocol (EAP) option, and select Smart Card or other Certificate from the EAP list.

Answer: A, E, G.

Explanation: Company security policy requires that dial-in users must use a smart card to connect to the network, must use the strongest form of data encryption possible and client computers must disconnect if the routing and remote access server does not support both smart card authentication and the strongest possible authentication. Therefore we should configure the dial-up connection properties on Susan's computer by selecting the advanced settings to set specific protocols and other options. We must then select the Extensible Authentication Protocol (EAP)option and select Smart Card or other Certificate from the EAPlist. This will enable smart card authentication. We must then select the Maximum strength encryptionitem from the Data encryptionlist to ensure that only the maximum security is used. This will ensure that client computers will disconnect if the routing and remote access server does not support

both smart card authentication and the strongest possible authentication.

Incorrect Answers:

B:By select the Require data encryption check box we will ensure that some form of encrypted authentication occurs but we will not ensure that maximum strength encryption is used.

C:The Typical (recommended settings) security option does not use maximum strength encryption.

D:The Use smart card item in the Validate my identity as follows list will not ensure that only the maximum strength encryption is used, you have to edit the advanced properties.

F: MS-CHAP v2 is not the highest form of encryption.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 1

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**QUESTION 192**

You are a help desk technician for Certkiller .com. Marie is a member of your company's sales department. Marie asks you to configure her Windows XP Professional portable computer so that she can dial in to the company network when she is out of the office.

The company uses two servers for Routing and Remote Access: one is a Microsoft Windows NT server 4.0 computer, and the other is a Windows 2000 Server computer. Each server contains four modems.

Each modem connects to a dial-up telephone line, and a single telephone number distributes incoming calls across the eight telephone lines.

Company security policy requires that dial-up logon credentials be encrypted and use the maximum possible security when they are transmitted.

You need to ensure that Marie can dial in and log on by using her domain user account. You also need to ensure that company security policy is enforced. How should you configure the security settings for the dial-up connection?

A. Select the Typical (recommended settings) option.

Select the Require data encryption (disconnect if none) check box.

B. Select the Typical (recommended settings) option.

Select the Require secured password list item from the validation list.

C. Select the Typical (recommended settings) option.

Select the Automatically use my Windows logon name and password (and domain if any) check box.

D. Select the Advanced (custom settings) option.

On the Advanced Security Settings tab, clear all check boxes except the Microsoft CHAP Version 2 (MS-CHAP v2) check box.

Answer: D.

Explanation: MS-CHAP version 2 encrypts all authentication traffic and thus meets the company security policy.

Note:Originally Windows NT 4.0 Server did not support MS CHAP v2. Windows NT 4.0 Server Service pack 4 and later supports MS CHAP V2. It seems safe to assume that the Windows NT Server 4.0 computer in this scenario has service pack 4.0 or later.

Incorrect Answers:

A:The Require data encryption (disconnect if none) check box will encrypt the data but not the authentication. It will therefore still permit unencrypted authentication.

B: We should require both secured password and data encryption. We need to ensure the MS-CHAP v2 is used as it has the strongest encryption. The only way to do this is with the advanced settings.

C: The Automatically use my Windows logon name and password (and domain if any) check box will not provide encryption of authentication information.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 1

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**QUESTION 193**

You are a help desk technician for Certkiller .com. Your company's network includes an Active Directory domain and Windows XP Professional computers that are configured as members of the domain.

Company policy prohibits users from accessing their computers unless they are authenticated by a domain controller. However, users report that they can log on to their computers, even though a network administrator has told them that a domain controller is not available.

As a test, you log off of your computer and disconnect it from the network. You discover that you can log on by using your domain user account.

You need to ensure that users cannot access their computers unless they are authenticated by a domain controller. How should you configure the local computer policy on these computers?

- A. Enable the Require domain controller to unlock policy.
- B. Set the Number of previous logons to cache policy to 0.
- C. Remove all user and group accounts from the Log on locally user right.
- D. Remove all user and group accounts from the Access this computer from the network user right.

Answer: B.

Explanation: If we log on to a computer and we are authenticated by a Domain Controller, our logon is cached. If we try to log on again, but no Domain Controller is available, Windows will look for a cached logon. If one exists, we will be permitted to log on. To disable this ability, we should configure Windows not to cache logons.

Incorrect Answers:

A: This setting does not exist.

C: This will disable all logons even if a DC is available for authentication.

D: This will not affect the user's ability to log on locally.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 3

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**QUESTION 194**

You are a help desk technician for Trey Research. All employees use Windows XP Professional computers. A user named Anne reports a problem browsing the Internet. She says that she cannot use a search to browse to [www.treyresearch.com](http://www.treyresearch.com)

You use Remote Assistance to examine search engines on Anne's computer. When you try to use the search engine, you receive the following warning message: "You cannot send HTML forms."

When you try to use other search engines on Anne's computer, you receive the same message. Anne verifies that she is able to use the search engine to browse the company intranet without problems.

You need to ensure that Anne can use any search engine to browse the Internet from her computer. What should you do?

A. Instruct Anne to click the Search button on the Internet explorer toolbar and then type her search keywords in the form displayed by Internet explorer.

B. Instruct Anne to use https:// instead of http:// when typing the URLs for the search engines.  
Instruct Anne to ensure that Internet Explorer displays a lock icon in its status bar before she submits information in a form on a Web page.

C. On Anne's computer, open the Security properties for Internet explorer.  
Add www.treyresearch.com to the Trusted Sites list.

Clear the Require server verification for all sites in this zone check box.

D. On Anne's computer, open the Security properties for Internet explorer.

In the security settings for the Internet zone, select the Submit non-encrypted form data option.

Answer: C.

Explanation: The Trusted sites zone is intended for sites that we consider absolutely safe. In our scenario the www.treyresearch.com should be considered safe, since it is the URL of the company. The Require server verification for all sites in this zone check box specifies whether Internet Explorer verifies that the server for a Web site is secure before connecting to any Web site in this zone. By clearing this option http traffic would be allowed and https would not be required.

Incorrect Answers:

A: This is a security configuration problem. The user does not need to be instructed how to perform the search - the procedure is correct.

B: It would be awkward for the users to type https://. It is better to clear the Require server verification for all sites in this zone check box for the zone www.treyresearch.com. This would allow http traffic.

D: This option is the default setting. No encrypted data would be needed to access the site www.treyresearch.com.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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### **QUESTION 195**

You are a help desk technician for your company Litware, Inc. Litware, Inc. maintains a secure intranet Web site at intranet.litwareinc.com. All employees use Windows XP Professional computers.

A user named Katherine reports that she cannot access the secure Web site by using Internet explorer. When she types http://intranet.litware.com into the Internet explorer address bar, an error message reports that the digital certificate is not from a trusted source.

You confirm that the intranet Web server is using a digital certificate issued by your company's EnterpriseCertificate Authority. The Enterprise Certificate Authority is located on a server named certificates.litwareinc.com

You need to ensure that Katherine can access the secure intranet Web site without receiving an error message. What should you do?

A. Ask a network administrator to modify the properties for IIS on intranet.litwareinc.com and set the SSL port number to 443.

- B. Ask your network administrator to create a Certificate Trust List (CTL) that includes your Enterprise Certificate Authority. On Katherine's computer, open the Certificates settings for Internet explorer and import the CTL.
- C. On Katherine's computer, open the security properties for Internet Explorer. Add intranet.litwareinc.com to the Trusted Sites list.
- D. On Katherine's computer, open the Security properties for Internet Explorer. Open the Trusted Sites dialog box, and select the Require server verification for all sites in this zone check box.
- E. On Katherine's computer, open Internet Explorer's list of certificates. Import a copy of the certificate used by the intranet.litwareinc.com server into Katherine's Trusted Publishers certificates store.

Answer: E.

Explanation:

The Internet Explorer Certificate Manager enables you to install and remove trusted certificates for clients and CAs. Many CAs have their root certificates already installed in Internet Explorer. You can select any of these installed certificates as trusted CAs for client authentication, secure e-mail, or other certificate purposes, such as code signing and time stamping. If a CA does not have its root certificate in Internet Explorer, you can import it. Each CA's Web site contains instructions that describe how to obtain the root certificate. To install or remove clients and CAs from the list of trusted certificates click Internet Options on the Tools menu, and then click the Content tab. Click Certificates and then click the Trusted Publishers tab. To add other certificates to the list, click Import. The Certificate Manager Import Wizard steps you through the process of adding a certificate.

Incorrect Answers:

A: This is the default setting and so does not need to be changed.

B: You do not need to create a new list. You can add certificates to the existing list.

C: The Trusted sites zone is intended for sites that you consider absolutely safe. For the most part, IE will accept just about any type of content from such sites, without considering potential harm. The only exception is that users will be prompted before downloading unsigned ActiveX controls or ActiveX controls that have not been marked as safe. We want to avoid this prompting.

D: The Require server verification for all sites in this zone setting specifies whether Internet Explorer should verify that the server for a Web site is secure before connecting to any Web site in this zone. This setting does not concern digital certificates.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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### **QUESTION** 196

You are a help desk technician for Certkiller .com. All users have Windows XP Professional computers. A user named Richard reports that he cannot access www.southridgevideo.com, an Internet Web site, by using Internet explorer. Whenever Richard types http://www.southridgevideo.com into the Internet display of unsigned ActiveX Controls."

According to company policy, users should download unsigned ActiveX control only from Internet Web sites that have been approved by the company's information security department.

You verify that www.southridgevideo.com is listed as an approved Web site. On Richard's computer, you also verify that Internet explorer is configured with the default settings.

You need to ensure that Richard can access www.southridgevideo.com without receiving an error message. You also want to comply with company properties for Internet explorer on Richard's computer.

You need to configure Richards's computer. First, you open the Security properties for Internet Explorer on Richards's computer.

Which two actions should you perform next? (Each correct

Answer: presents part of the solution. Choose two)

- A. Add [www.southridgevideo.com](http://www.southridgevideo.com) to the Trusted Sites list.
- B. Remove [www.southridgevideo.com](http://www.southridgevideo.com) from the Restricted Sites list.
- C. In the Internet zone settings, enable the Allow unsigned ActiveX control option.
- D. Open the Local intranet sites dialog box and clear the Include all network paths check box.
- E. Open the Trusted Sites dialog box and clear the Require server verification for all sites in this zone check box.
- F. Open the Intranet Sites dialog box. In Advanced properties, add [www.southridgevideo.com](http://www.southridgevideo.com) to the list of Web sites.

Answer: A, E.

Explanation: The Trusted sites zone is intended for sites that you consider absolutely safe. For the most part, Internet Explorer will accept just about any type of content from such sites, without considering potential harm. The only exception is that users will be prompted before downloading unsigned ActiveX controls or ActiveX controls that have not been marked as safe.

The Require server verification for all sites in this zone check box specifies whether Internet Explorer verifies that the server for a Web site is secure before connecting to any Web site in this zone. By clearing this option http traffic would be allowed and https would not be required.

Incorrect Answers:

B: [www.southridgevideo.com](http://www.southridgevideo.com) has not been added to the Restricted Sites list. Unsigned drivers are disabled by default in the Internet zone.

C: Enabling the Allow unsigned ActiveX control option in the Internet zone would give access to [www.southridgevideo.com](http://www.southridgevideo.com) but it would also allow downloading of unsigned drivers from any internet site. This would break company policy which only allows downloading of unsigned drivers from approved sites.

D: This is not a problem with a local intranet site. It is a problem with a public Internet site.

F: The Intranet zone does not allow unsigned controls by default.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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### **QUESTION** 197

You are a help desk technician for Certkiller .com. Michael and Veronica are users in your company's marketing department. Michael and Veronica use Windows XP Professional portable computers. Michael and Veronica use Internet explorer to connect to a Web-based Internet e-mail service. Michael reports that he is required to provide a user name and password each time he accesses the Web site. However, Veronica is not required to log on each time she accesses the Web site. The Web site remembers Veronica's user name and password.

You need to configure Michael's computer so that the Web site can remember his user name and password. How should you configure Internet explorer on Michael's computer?

- A. Set the security level for the Internet zone to medium.
- B. Set the privacy configuration for First party cookies to accept.
- C. Modify the privacy configuration so that the Always allow session cookies check box is selected.
- D. Modify the security configuration so that the Internet e-mail Web site is included in the Trusted Sites list.

Answer: B.

Explanation: A cookie is a text file that the Web site places on our hard disk. In this case, the text file would contain the username and password. First-party cookies are cookies that are associated with the host domain. Third-party cookies are cookies from any other domain.

Incorrect Answers:

A: This would affect all the security settings. We only need to change one setting.

C: Session cookies are deleted when the user disconnects from the Web site. We need a permanent cookie so the information is still there after we disconnect from the website.

D: This will not resolve the problem. The site needs to write a cookie to our hard disk.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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**QUESTION 198**

You are the administrator of 20 Windows XP Professional computers for Contoso, Ltd. The computers are members of a Windows 2000 domain. The domain contains an enterprise certification authority (CA). The CA is used to issue Web server certificates to the human resources (HR) department's intranet Web servers.

When users connect to the intranet Web servers at <https://intra.hr.contoso.com>, the Security Alert dialog box appears, as shown in the exhibit.



You want to ensure that the users can securely connect to the HR department's intranet Web servers and that the Security Alert dialog box does not appear. What should you do?

- A. Add \*.hr.contoso.com to the list of sites in the Local intranet zone.
- B. Add the server certificate for intra.hr.contoso.com to the Trusted Publishers list.
- C. Add the enterprise CA root certificate to the Trusted Root Certificate Authorities list.
- D. Configure Internet Explorer to enable the Use TLS 1.0 option

Answer: C

Explanation: The clients receive the certificate, but they don't trust the publisher of the certificate. We should add the certificate of issuing CA, the CA root certificate, to the Trusted Root Certificate Authorities list.

Incorrect Answers:

A: Adding the domain to the Local intranet zone, would set the security level for this Internet domain. It would not, however, remove the Security Alert dialog box. The clients must be configured to trust the Certificate Authority.

B: First the certifying authority must be trusted. The server for `intra.hr.contosos.com` is a Web server, not a Certificate Authority.

D: The clients must be configured to trust the Certificate Authority. This is not achieved by enabling the Use TLS 1.0 option. TLS 1.0 is communication protocol, and it is not involved in security.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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**QUESTION 199**

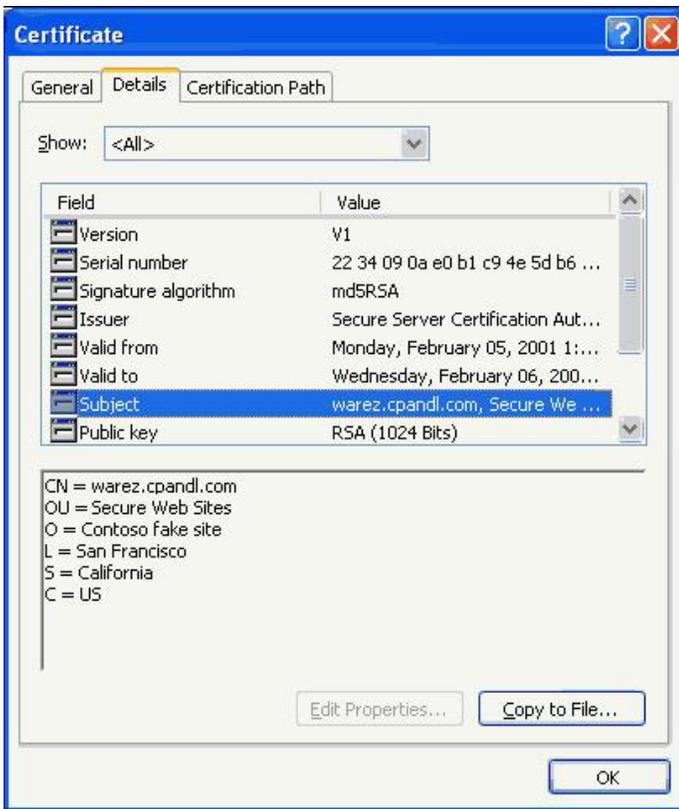
You are the administrator of 300 Windows XP Professional computers. The computers are members of a Windows 2000 domain and are connected to the Internet.

A user named Andrea reports that when she attempts to place an online order at `https://www.contoso.com/sales`, she receives the dialog box that is shown in the Security Alert exhibit.



When you connect to `https://www.contoso.com/sales` from other Windows XP Professional computers, you do not receive an error message.

You verify that Andrea correctly typed the address of the Web site. The security certificate that was returned from the Web site to Andrea's computer is shown in the Certificate exhibit.



You want to ensure that Andrea can securely place an online order at <https://www.contoso.com/sales> without receiving an error message stating that the security certificate and the site name do not match. What should you do?

- A. Use the Certificate Import Wizard to install the certificate in the certificate store.
- B. Configure Internet Explorer to enable the Check for server certificate revocation option.
- C. Configure Internet Explorer to add [www.contoso.com](https://www.contoso.com) to the list of sites in the Trusted sites zone.
- D. Update the Hosts file on Andrea's computer. Use virus-detection software to check for Trojan horse applications that might have changed the Hosts file.

Answer: B

Explanation: Entrust.net's Certificate Revocation List (CRL) is a list of every Web server certificate that has been revoked. Revoked Web server certificates are no longer trusted for a variety of reasons (for example, the private key has been lost or compromised). Modern browsers will automatically check a CA's CRL to determine if a Web server certificate is trustworthy. Without such a capability, it is not possible to maintain a trustworthy networking environment. The first exhibit shows that the security certificate is from a trusted certifying authority, but that name of the security certificate is invalid or does not match the name of the site. The second exhibit shows the Canonical Name (CN) incorrectly is set to [warez.cpandl.com](https://warez.cpandl.com) instead of the correct [www.contoso.com](https://www.contoso.com). Clearly this certificate should not be trusted. We should make Internet Explorer to check if certificates already have been revoked. We must enable the Check for server certificate revocation option.

Incorrect Answers:

A: The second exhibit shows that the exhibit is certificate is not trustworthy. The Canonical Name,

warez.cpandl.com, and the O=Contoso fake site is a clear indication of this. We should not use this certificate.

C: The problem is that the certificate is fake; it is not a case the www.contoso.com is not trusted.

D: The Hosts file contains host name to IP address mappings. This is not a name resolution problem. The problem is the fake certificate.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

What are the benefits of Entrust.net's Web server certificate service?

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### **QUESTION 200**

You are the administrator of 20 Windows XP Professional computers. The computers are members of a Windows 2000 domain and are used by your company's Web developers.

The Web developers report that that can access the company's intranet Web servers successfully when they use short DNS names such as http://intra and http:// Certkiller info. However, when they attempt to access the intranet servers by using the corresponding IP addresses, such as http://10.65.1.2 and http://10.65.1.7, they cannot download ActiveX components or execute scripts from the intranet servers. For testing purposes, the Web developers access the intranet servers by using the IP addresses.

The IP addresses of the intranet servers are in the 10.65.1.0/24 address range. There is no firewall between the intranet servers and the Windows XP Professional computers that are used by the Web developers.

You want to ensure that the Web developers can download ActiveX components and execute scripts when they access the intranet servers by using the IP addresses. You do not want to change the current settings for ActiveX components and scripts for Internet Explorer security zones.

What should you do?

- A. Add the 1.65.10.in-addr.arpa reverse zone to the DNS server on the company network.
- B. Add 10.65.1.\* to the list of sites in the Local intranet zone.
- C. Configure the Internet Explorer LAN connection settings to disable the Bypass proxy server for local addresses option.
- D. Configure the Local intranet zone to disable the Include all local (intranet) sites not listed in other zones option.

Answer: B

Explanation: A security setting prevents the downloading of ActiveX components and the execution of scripts when IP addresses are used. We solve this problem by explicitly adding the Web site to the Local intranet (see below). Local intranet sites are considered to be trusted and ActiveX components would be download and scripts would execute.

Incorrect Answers

A: There is no need to add entries to the DNS zone since the web servers can be accessed. Furthermore, reversed entries would be of no use here.

C: There is no firewall or proxy between the web servers and the clients.

D: If we disable the Include all local (intranet) sites not listed in other zones the local zones would no longer be considered local. This would be counterproductive. We want to add the IP address range to the zone, not remove sites from the local zone.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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**QUESTION 201**

You are the administrator of a Windows XP Professional computer. The computer is a member of a Windows 2000 domain. The domain contains an enterprise certification authority (CA). You use the computer to connect to the Internet.

Six months ago, you paid for online computer support services from a support company. The support company's Web site is at <https://www.Certkiller.com>. Now you attempt to connect to the Web site again to use the support service. Before the Web page is displayed, you receive a dialog box. The message in the dialog box asks you to select a certificate to use when you connect. However the list of certificates that is shown in the dialog box is empty. You cannot select a certificate and you cannot connect to the company's Web page.

In Internet Explorer, you open the Internet Options dialog box and check Certificates. Several personal certificates appear in the Advanced Purposes list.

You want to be able to connect to the support company's Web site at <https://www.Certkiller.com>. What should you do?

- A. Configure Internet Explorer to enable the Use TLS 1.0 option.
- B. Add the server certificate for [www.Certkiller.com](https://www.Certkiller.com) to the Trusted Publishers list.
- C. Contact the support company to obtain a certificate and add the certificate to the list of personal certificates.
- D. Request a user certificate from the enterprise CA.
- E. Change the security settings of the Internet zone to enable the Anonymous logon option.

Answer: C

Explanation: We need provide a valid certificate to be able to access the support site. We should ask the support company to provide us with an appropriate certificate.

Note:Secure Sockets Layer (SSL) uses certificates for authentication.

Incorrect Answers

A:TLS (Transport Layer Security) 1.0 is used for backward compatibility. It would not be helpful here.

B:The scenario does not seem to indicate that the client receives any server certificate from the support company. The client is immediately required to provide a certificate.

D:A certificate from a local Certificate Authority would no help accessing the external site.

E:Logon credentials are not used with SSL. Certificates are used instead.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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**QUESTION 202**

Exhibit:



You are the administrator of a Windows XP Professional portable computer at the Certkiller .com main office in Toronto. When you are traveling, you often dial in to the Internet to connect to Certkiller .com's network.

Certkiller has a policy that prohibits Web sites that do not have a Platform for Privacy Preferences (P3P) privacy policy from saving cookies on employees' computers. Web sites that do not have a P3P policy are allowed to save cookies. You configure Internet Explorer to comply with Certkiller policy.

After you make this configuration change, you receive a Privacy dialog box when you visit Web sites that do not comply with Certkiller policy. The Privacy dialog box is shown in the exhibit.

However, you notice that these Web sites still welcome you based on personalized information. The Restricted Web sites list in the privacy reports lists blocked cookies for these Web sites.

You want to ensure that Web sites that do not comply with Certkiller .com's policy cannot track your access to their Web sites.

What should you do?

- A. Change the Privacy setting to High.
- B. Change the Advanced Privacy setting to block cookies for first-party and third-party cookies.
- C. Change the Temporary Internet Files setting to check for newer versions of stored pages every time you start Internet Explorer.
- D. Delete existing cookies that you received from the noncompliant Web sites.

Answer: D

Explanation: The web sites are able to welcome you based on personalized information because their cookies already exist on your computer from previous visits to the sites. To prevent this, you need to delete your existing cookies.

Incorrect Answers:

A: The Privacy setting will not affect existing cookies. It will only block new cookies.

B: This will block new cookies. It won't affect the existing cookies.

C: This will check for newer versions of cached web pages. It will not affect existing cookies.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

### QUESTION 203

You are a desktop administrator for Certkiller .

A user reports that whenever she visits certain Internet Web sites, additional Web browser windows open automatically. The user's computer runs Windows XP Professional with Service Pack 2 (SP2). She

uses Microsoft Internet Explorer as her only browser.

You need to prevent additional windows from opening automatically when the user visits a Web site. You want to accomplish this as quickly as possible and with the minimum number of changes to the user's computer.

What should you do?

- A. Configure Internet Explorer to reject cookies from Web sites.
- B. Configure Internet Explorer to block pop-up windows.
- C. Configure Windows Firewall to block inbound traffic from TCP port 80.
- D. Configure Windows Security Center to not display antivirus and firewall warning.

Answer: B

Explanation: The question states that "A user reports that whenever she visits certain Internet Web sites, additional Web browser windows open automatically". These additional web browser windows are known as pop-up windows.

Windows XP service pack new adds some new functionality to Internet Explorer. One of the new functions is a 'pop-up blocker'. Therefore, to prevent the pop-up windows, we simply need to enable the pop-up blocker in Internet Explorer.

Incorrect Answers:

A:Blocking cookies will not prevent the pop-up windows.

C:Blocking port 80 will not prevent the pop-up windows. It would just block access to the http service running on the local computer.

D:The pop-up windows are web browser windows, not security messages from the Windows Security Center.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4

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### **QUESTION** 204

You are the desktop administrator for Certkiller . A user reports that she is unable to use a new Bluetooth wireless headset with her Bluetooth-enabled Windows XP Professional computer.

You verify that the user's other Bluetooth devices work correctly. You discover that the user's computer is unable to detect the new headset. You follow the headset manufacturer's directions and ensure that the headset power is turned on correctly for normal operation.

You need to ensure that the user can use the new headset with her computer. What should you do?

- A. Put the headset in discovery mode.
- B. Put the user's computer in discovery mode.
- C. Join the computer to a Bluetooth Personal Area Network (PAN).
- D. Disable and then re-enable the Bluetooth software on the user's computer.

Answer: B

Explanation: This problem may occur if the discovery option is turned off on a Windows XP Service Pack 2-based computer that has Bluetooth support. By default, the discovery option is turned off so that the Windows XP-based computer cannot be discovered by a Bluetooth-connected device without your knowledge or consent.

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To work around this problem, you must turn on the discovery option in Bluetooth on Windows XP Service Pack 2.

Reference:

Rick Wallace, MCSE (Exam 70-270) Microsoft XP Professional Training Kit, Microsoft Press, Redmond, 2002, Chapter 13, Lesson 4