

70-282

Designing, Deploying, and Managing a
Network Solution for a Small- and
Medium-Sized Business

DEMO

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QUESTION NO: 1

You work as the network administrator at Certkiller.com. The Certkiller.com network consists of a single Active Directory domain named Certkiller.com. The Certkiller.com network contains six servers. A server named Certkiller-SR01 is configured to run Windows Small Business Server 2003 premium edition and the other servers run Windows Server 2003. These servers, together with its configurations, are named as follows:

- * Certkiller-SR02 is configured to run Exchange Server 2003.
- * Certkiller-SR03 is configured to run Microsoft ISA Server 2000.
- * Certkiller-SR04 is configured to run Windows Server 2003 Active Directory
- * Certkiller-SR05 is configured to run Microsoft Windows SharePoint Services.
- * Certkiller-SR06 is configured to run Microsoft SQL Server 2000.

You have received instruction from the CIO to start designing a solution that will result in a reduction of the amount of servers that are currently in use. This reduction of servers will be a result of server consolidation. You successfully complete the server consolidation instruction and now you are required to implement a solution to increase fault tolerance. What should you do? (Choose all that apply)

- A. An uninterruptible power supply should be used
- B. The Health Monitor should be used
- C. Small Computer Interface (SCSI) adapters should be used
- D. Multiple Network cards should be used
- E. Redundant Array of Independent Disks (RAID) arrays should be used

Answer: A,C,D,E

Explanation:

The UPS is also an important factor when increasing fault tolerance saving your system from power surges and failures. Multiple SCSI can also be used effectively to improve fault tolerance. Multiple Network cards are a must to implement when you are looking to increase the fault tolerance of the network. RAID arrays can also be used effectively to improve fault tolerance.

Incorrect Answers:

B: The Health monitor is used to check Windows Small Business Server 2003.

QUESTION NO: 2

You work as the network administrator at Certkiller.com. Everyone of the 20 employees of the company have a computer that runs Windows 95 and make use of floppy disks as well as compact disks to share their information. At present the CEO makes use of the DSL connection.

These methods of information sharing amongst the Certkiller.com users have become costly. To this end you have received instruction from the CIO that all employees must have access to the Internet by using a single connection and that they must disseminate their information effortlessly and quickly without making use of floppies or compact disks. Thus a dedicated e-mail and the

centralized management of user data are required for Certkiller.com.

You need to ensure that your design solution for the Certkiller.com network infrastructure is cost-effective. What should you do?

A. You must install a Windows Small Business Server 2003, Premium Edition computer. Then upgrade the client computers to Windows XP Professional.

Use the existing DSL connection to connect to the Internet.

B. You must install a Windows Small Business Server 2003, Standard Edition computer. Then upgrade the client computers to Windows XP Professional.

Use the existing DSL connection to connect to the Internet.

C. You must install a Windows Small Business Server 2003, Standard Edition computer. Then upgrade the client computers to Windows XP Professional.

Purchase a separate DSL connection to connect to the Internet.

D. You must install a Windows Small Business Server 2003, Standard Edition computer. Then upgrade the client computers to latest Windows 95 service pack.

Use the existing DSL connection to connect to the Internet.

Answer: B

Explanation:

The Windows Small Business Server 2003, Standard Edition can be used as a file server, an e-mail server and to connect to the Internet. The Windows Small Business Server 2003 computer allows you to connect to the Internet by making use of the existing DSL connection. The client computers must be upgraded to Windows XP Professional to be able to connect to the Windows Small Business Server 2003 network.

Incorrect Answers:

A: The Premium Edition of Windows Small Business Server 2003 offers more products than you need, including SQL Server 2000 and ISA Server 2000. The Premium Edition is more expensive than the Standard Edition therefore it is not the most cost effective solution. All the other parts of the suggested solution would make sense in this scenario.

C: A separate DSL connection is not required. This will only incur more costs than is required.

D: Windows 95 is not able to communicate on a Windows Small Business Server 2003 network therefore it is unnecessary to upgrade the users to the latest Windows 95 service pack.

QUESTION NO: 3

You work as the network administrator at Certkiller.com. At present the Certkiller.com network consists of 30 Windows XP Professional computers that have a peer-to-peer network. Due to work pressure some Certkiller.com employees also want the ability to connect to their work from their homes after office hours.

Certkiller.com has a cable connection for Internet access at the office. The employees who requested access to their work after hours all have access to the Internet from their homes via

their own ISPs. You have received instruction from the CIO to make sure that communication between the employees work computers and that of the office network over the Internet is protected. You have to accomplish this objective and keep costs as low as possible. What should you do?

- A. You should install Windows Small Business Server 2003, Standard Edition on the employees' home computer.
- B. You should install Windows Small Business Server 2003 Premium Edition on the employees' home computer.
- C. You should install Windows Small Business Server 2003 Standard Edition on a Certkiller.com computer.
- D. You should install Windows Small Business Server 2003 Premium Edition on a Certkiller.com computer.

Answer: C

Explanation:

When you install the Windows Small Business Server 2003, Standard Edition on an office computer you will ensure a secure VPN connection over the Internet. The L2TP protocol or the PPTP protocol can be used to protect the VPN connections.

Incorrect Answers:

- A: Preferably user operating systems like Windows XP Professional or Windows 2000 Professional should be installed on the employees' computers at home. This should keep costs down since a Server OS would not be cost effective.
- B: This option would be too expensive to implement. The server operating systems such as Windows Small Business Server 2003 and Windows Server 2003 are costly and should only be installed when needed.
- D: If you install the Windows Small Business Server 2003, Premium Edition in the office it will meet the connectivity objective but it is more costly than the Windows Small Business Server 2003, Standard Edition.

QUESTION NO: 4

You are hired as a network consultant at Certkiller.com. The Certkiller.com network consists of a single Active Directory domain named Certkiller.com. The Certkiller.com network has one network server named Certkiller-SR02. The Certkiller-SR02 is configured to run Microsoft Windows Small Business Server 2003.

Certkiller.com makes use of a third-party line-of-business (LOB) application. You have received instruction from the CIO to upgrade Certkiller-SR02 to the Microsoft Windows Server 2003 Standard Edition. You need to carry out this instruction whilst ensuring that the LOB application is successfully migrated. You must achieve this with the least amount of administrative effort. What should you do? (Choose all that apply)