

Exam 70-282 study material

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Free 70-282 Exam Preparation Questions

Exam 70-282: Designing, Deploying, and Managing a Network Solution for a Small- and Medium-Sized Business

Question: 1

You are the network administrator for Company. Company has 50 users in the main office 10 users on each of its five branch offices. You install Microsoft Windows Server 2003, Standard Edition in native mode on a computer that has a network of client computers in each branch office. You connect each branch office to the main office by using WAN connections. You need to ensure that users can authenticate to the domain from a remote branch office even when the WAN connection is down. What should you do?

- A. Install a member server only at each branch office.
- B. Install a domain controller and a DNS server only at each branch office.
- C. Install a member server, a WINS server, and a DNS server at each branch office.
- D. Install a domain controller, a DNS server, and the global catalog at each remote office.

Answer: D

Explanation: A global catalog is a directory database that applications and clients can query to locate any object in a forest. The global catalog is hosted on one or more domain controllers in the forest. It contains a partial replica of every domain directory partition in the forest. These partial replicas include replicas of every object in the forest, as follows: the attributes most frequently used in search operations and the attributes required to locate a full replica of the object. You should install a domain controller, a DNS server, as well as a global catalog at each remote office to ensure that authentication to the domain will be possible even in the event of WAN connection failure.

Incorrect answers:

- A:** You need a domain controller not a member server at each remote office in addition to a DNS server and the global catalog.
- B:** You would need a global catalog at each branch office as well to facilitate authentication when the WAN connection is down.
- C:** This option will not facilitate authentication when the WAN connection is down.

Reference:

J. C. Mackin, Ian McLean, Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure, Microsoft Press, Redmond, 2003, Chapter 1, p. 28

Question: 2

You are a technical consultant. You are hired by Company technical assessment of the business. Company has one computer that runs Microsoft Windows XP Professional located at the store. The company bookkeeper enters transactions on the computer during business hours. The owner wants to be able to access the accounting information after store hours from his home. Broadband connections are installed at the office and the owner's home. The broadband connection at the office has a static IP address. The owner does not want to spend more than is absolutely necessary to achieve his objectives. You need to create a solution to meet the owner's objectives. What should you do?

- A. Install a Microsoft Windows Small Business Server 2003 computer at the store. Install Microsoft Windows XP Professional computer at the owner's home.
- B. Install a Microsoft Windows XP Professional computer at the owner's home.
- C. Install a Microsoft Windows Server 2003, Standard Edition computer at the store and a Microsoft Windows 98 computer at the owner's home.
- D. Install a Microsoft Windows Server 2003 computer at the store and one at the owner's home.

Answer: B

Explanation: Since the office has only one computer running Microsoft Windows XP Professional with a static IP address broadband connection, all that would be necessary for the owner is to have a Microsoft Windows XP Professional computer at home as well. That should enable the owner to enter data and access accounting information from his house onto the store computer.

Incorrect answers: A, D: There is no need for extra expense as is suggested by options A and D.

C: This option also involves extra expense with the added inability to be able to access accounting information from the owner's house if he is to have a Microsoft Windows 98 computer at his house.

Reference: Lisa Donald & James Chellis, MCSA/MCSE: Windows XP Professional Study Guide, Second Edition, Sybex Inc. Alameda, 2003, p. 408

Question: 3

You are the network administrator of a Company's Active Directory domain that runs Microsoft Windows Server 2003, Standard Edition. You create a test lab with a server that runs Windows Server 2003, Standard Edition, a UNIX client computer, and two client computers that run Microsoft Windows XP Professional. The server and the UNIX computer use static IP address and the Windows XP Professional client computers use the DHCP Server service for IP addressing, which is also configured for WINS. You reconfigure the test lab so it can access the corporate network. The client computers can no longer access the UNIX box. All of the test lab client computers can access the server that runs Windows Server 2003, Standard Edition. You need both of the test lab client computers to access both the UNIX computer and the Windows Server 2003 server.

What should you do?

- A. Configure the corporate DHCP servers for BOOTP.
- B. Configure the corporate DHCP servers for WINS configuration information.
- C. Ask ISP to create records for the non-WINS client computers in the ISP's DNS server.
- D. Create records for the non-WINS client computers in the corporate DNS server manually.

Answer: D

Explanation: DNS provides a naming system for network resources and a service for resolving those names into IP addresses. A DNS server communicates with other DNS servers on the network to find out the IP address associated with the requested name, and then sends it back to the client computer, which initiates communications with the destination system using its IP address. Since the question mentions that the UNIX computer uses a static IP address and the client computers use the DHCP Server (which is also configured for WINS) for IP addressing, then you should create records for the non-WINS client computers in the DNS server manually. This way you will ensure that the test lab computers can access both the UNIX computer and the Windows Server 2003 server.

Incorrect answers:

A: A DHCP relay agent supports DHCP/BOOTP message relay as defined in Requests for Comments (RFCs) 1541 and 2131. The DHCP Relay Agent service is managed using the Routing And Remote Access service.

B: This option will not service the non-WINS client computers.

C: The records should be created on the corporate DNS server and not the ISP's DNS server.

Reference: Craig Zacker, Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure, Microsoft Press, Redmond, 2004, Chapter 4, p. 66

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