



70-646

PRO: Windows Server 2008, Server Administrator

Exam number/code: 70-646

Exam name: PRO: Windows Server 2008, Server Administrator

Questions & Answers: 88 Q&A

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Question 1:

Which Windows Deployment Services (WDS) image type can be used to deploy an image to a non-PXE client?

- A. Capture image
- B. Boot image
- C. Install image
- D. Discover image

Answer: D

Question 2:

You work as the network administrator at TestKing.com. The Testking.com network has a domain named testking.com. All servers are configured to run Windows Server 2008 and all client computers either run Windows XP Professional or Windows Vista.

You receive instruction to only allow client computers running the latest service pack to access the network whilst ensuring that other client computers are redirected to the Microsoft Web site.

What Windows 2008 feature will assist you in your solution?

- A. You should use the Event Trace Sessions Data Collector Set.
- B. You should use multiple downstream servers
- C. You should use the Windows System Resource Manager (WSRM).
- D. You should use Network Access Protection (NAP).

Answer: D

Explanation:

You need to use Network Access Protection (NAP). Network Access Protection (NAP) controls access to network resources based on a client computer's identity and compliance with corporate governance policy. Furthermore, when using 802.1X enforcement, the computer must be compliant to get unlimited network access through an 802.1X-authenticated network connection

Reference: Network Access Protection Platform Overview
[http://technet.microsoft.com/hi-in/library/bb878083\(en-us\).aspx](http://technet.microsoft.com/hi-in/library/bb878083(en-us).aspx)

Reference: Security and Policy Enforcement
<http://www.microsoft.com/windowsserver2008/en/us/security-policy.aspx>

Question 3:

You work as the Enterprise administrator at TestKing.com. The TestKing.com network consists of a single Active Directory domain named testking.com. All servers on the TestKing.com network run Windows Server 2008.

Your job entails managing a server named TESTKING-SR10 that has a Virtual Private Network (VPN) installed. TESTKING-SR10 is set up as a standalone root certificate authority. TestKing.com has entered into a partnership with two other companies.

Which actions should you take to permit computers in the partner companies to access the

resources on TestKing.com?

- A. You should use allow incoming traffic on TCP Port 443 on the Windows Firewall.
- B. You should install a Root CA certificate on the partner companies' computers.
- C. You should use the Windows Deployment Services (WDS).
- D. You should use an external certificate authority to issue certificates via an e-mail.
- E. You should install Terminal Services.

Answer: B

Explanation:

The best option is to install Root CA certificate to the external computers. This will allow the external computers to use SSTP to access the resources. SSTP ships with the Routing and Remote Access server role of Windows Server 2008. SSTP is the same as Virtual Private Networking (VPN) tunnel, but just a new kind. SSTP has the following criteria:

- Allows for Point-to-Point Protocol (PPP) packets to be encapsulated over HTTP.

- Allows for a VPN connection to be more easily established through a firewall or through a Network Address Translation (NAT) device.

- Allows for a VPN connection to be established through an HTTP proxy device.

Reference: How to troubleshoot Secure Socket Tunneling Protocol (SSTP)-based connection failures in Windows Server 2008

<http://support.microsoft.com/kb/947031>

Question 4:

You are troubleshooting replication problems and want to ensure that detailed replication events are logged. You have modified the default domain controller policy to enable auditing of directory service access events, but you aren't seeing the level of detail you need. What else should you do?

- A. Modify the default domain policy to enable auditing of directory service access events.
- B. Enable auditing of object access events for the domain controllers.
- C. Remove the default domain controller policy, and replace it with the default domain policy.
- D. Enable auditing of subcategories using the auditpol command-line tool.

Answer: D

Question 5:

You manage several Internet Information Services (IIS) servers in a web farm. You want to configure events so that they can be centrally managed on a single server. Further, you want the monitoring server to pull the events from each IIS server on a regular basis. What should you create?

- A. Collector-initiated subscriptions
- B. Source computer-initiated subscriptions
- C. A Minimize Bandwidth delivery method
- D. A Minimize Latency delivery method

Answer: A

Question 6:

You work as the network administrator at TestKing.com. The Testking.com network has an Active Directory domain named testking.com. The servers are configured to run Windows Server 2008.

You have created a web site which requires a very high availability and a high scalability for

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the success of the company. You therefore publish the Web site on two Web servers named TESTKING-SR20 and TESTKING-SR21.

You have received instructions from the CIO to implement an availability solution for your Web servers. You thus need to ensure when TESTKING-SR20 and TESTKING-SR21 are added, the connections to the websites remain unaffected. Web site needs to remain online in the event of a server failure.

How can you accomplish the goals?

- A. You should implement Network Load Balancing cluster
- B. You should implement Terminal Services Gateway (TS Gateway).
- C. You should implement folder redirection.
- D. You should implement a Web farm on TESTKING-SR20 and TESTKING-SR21.

Answer: A

Explanation:

You need to a Network Load Balancing cluster. Network Load Balancing enables an organization to scale server and application performance by distributing TCP/IP requests to multiple servers.

Reference: Failover clustering, network load balancing drive high availability
http://searchsystemschannel.techtarget.com/tip/0,289483,sid99_gci1317355,00.html

Question 7:

You work as the Enterprise administrator at TestKing.com. The TestKing.com network has a domain named testking.com. All servers on the TestKing.com network run Windows Server 2008 and all client computers run Windows Vista.

The TestKing.com network contains a Windows Server 2008 failover cluster that in turn hosts a database application. During routine monitoring you discover that the database application make use of almost half of processor and memory usage allocated for it. You want to make sure that the level of performance is maintained on the cluster.

How can this be achieved? (Choose TWO. Each answer forms part of the solution.)

- A. By using the Windows System Resource Manager (WSRM)
- B. The using event subscriptions.
- C. By using the Microsoft System Center Configuration Manager (SCCM)
- D. By establishing a resource-allocation policy for process-based management.
- E. By establishing Performance Monitor alerts.

Answer: A,D

Explanation:

You need to use Windows System Resource Manager (WSRM) and set up a resource-allocation policy for process-based management. The Windows System Resource Manager (WSRM) enables the allocation of resources, including processor and memory resources, among multiple applications based on business priorities. You can set the CPU and memory allocation policies on applications. Furthermore, Windows System Resource Manager (WSRM) does not manage address windowing extensions (AWE) memory. It also does not manage large page memory, locked memory, or OS pool memory.

Reference: Windows System Resource Manager Fast Facts
<http://www.microsoft.com/windowsserver2003/techinfo/overview/wsrmmfastfacts.mspx>

Question 8:

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You work as the network administrator at TestKing.com. The Testking.com network has an Active Directory domain named testking.com. All servers on the TestKing.com network run Windows Server 2008 Enterprise Edition.

TestKing.com has headquarters in London where you are located and a Marketing division in Ireland that connects to headoffice via a WAN link. You receive an instruction from the CIO to implement a failover cluster solution between the offices that provides service availability to employees at both offices in the event of server failure as well as reducing the amount of servers.

Which action should you take?

- A. You should implement a RAID 5 array.
- B. You should implement multiple downstream servers.
- C. You should implement a failover cluster in the London office.
- D. You should implement a single node failover cluster in the offices.
- E. You should implement a mirrored volume of all servers in the offices.

Answer: D

Explanation:

You need to install a failover cluster that contains one node in each office. This will maintain availability. Failover clustering, network load balancing drive high availability

http://searchsystemschannel.techtarget.com/tip/0,289483,sid99_gci1317355,00.html

Question 9:

You work as the Enterprise administrator at TestKing.com. The TestKing.com network consists of a single Active Directory domain named testking.com. All servers on the TestKing.com network run Windows Server 2008 and all client computers run Windows Vista.

TestKing.com has its headquarters in Chicago where you are located and a branch office in Dallas that employs a number of helpdesk staff. You have to implement a new server named TESTKING-SR10 in the Dallas office. The setup policy of TestKing.com states that all helpdesk staff have the necessary permissions to manage services. The helpdesk staff should also be able to configure server roles on TESTKING-SR10. You need to accomplish this ensuring that the helpdesk staff have the least amount of permissions.

How can this be achieved?

- A. You should make the helpdesk staff, members of the global security group.
- B. You should make the helpdesk staff, members of the Server Operators group on TESTKING-SR10.
- C. You should make the helpdesk staff, members of the Account Operators group on TESTKING-SR10.
- D. You should make helpdesk staff, members of the Administrators group on TESTKING-SR10.

Answer: D

Explanation:

To add the helpdesk staff to the Administrators local group will give full administrative access to an individual computer or a single domain. The user must be a member of the Administrators group to change accounts or stop and start services or install server roles.

Reference: Using Default Group Accounts

<http://technet.microsoft.com/en-us/library/bb726982.aspx>

Reference: Securing the Local Administrators Group on Every Desktop

<http://www.windowsecurity.com/articles/Securing-Local-Administrators-Group-Every->

Desktop.html

Question 10:

You work as the network administrator at TestKing.com. The Testking.com network has a domain named testking.com. The functional level of the domain is set at Windows Server 2008.

TestKing.com consists of a Marketing department that utilizes a folder named KINGDATA. KINGDATA is configured to hold data files. You want to use Group Policy to establish roaming user profiles for users in the Marketing department. To ensure productivity you need to make sure that least amount of time is used by users who utilize the roaming profiles when logging on or off.

How can this be achieved?

- A. The Group Policy object (GPO) should be changed to contain the Shared Folders permissions.
- B. The Remote Server Administration Tools (RSAT) should be installed on computers in the marketing department.
- C. The client computers of the marketing department should have Credential Roaming configured.
- D. The Group Policy object (GPO) should be changed to contain folder redirection.

Answer: D

Explanation:

You need to change the Group Policy object (GPO) to include folder redirection. With the use of roaming profiles, the user's files and settings follow them from computer to computer.

Reference: Profile and Folder Redirection In Windows Server 2003

http://www.windowsnetworking.com/articles_tutorials/Profile-Folder-Redirection-Windows-Server-2003.html

Question 11:

After rebooting your DNS server that is also a domain controller, you having a wide variety of problems. A significant problem is that users aren't able to access any network resources, but you verify that they received the correct DHCP lease. You suspect that SRV records haven't been created. What can you do to create them?

- A. Use the DNS Manager console to manually create the SRV records.
- B. Stop and restart the NetSRV service.
- C. Stop and restart the NetLogon service.
- D. Stop and restart the SRV service.

Answer: C

Question 12:

You work as the network administrator at TestKing.com. The Testking.com network has a domain named testking.com. The servers on the Testking.com network are configured to run Windows Server 2008 and the client computers Windows XP Service Pack 1.

You are preparing to install Distributed File System (DFS) into the Testking.com network. You need to make allowance for failover if a server should go offline as well as keeping the cost as low as possible. You thus create a domain-based DFS namespace as well as an additional namespace server. Thereafter you allow the client fail back to the preferred target option.

What actions should you take next? (Select two. Each correct answer will present a part of the answer)

- A. You should upgrade the client computers to Windows XP Service Pack 2.
- B. You should use DFS replication on a stand-alone DFS namespace.
- C. You should use folder redirection on a domain-based DFS namespace.
- D. You should install a Windows Server 2008 Datacenter Edition server.

Answer: A

Explanation:

To plan the deployment of Distributed File System (DFS) with the given requirements, you need to upgrade all client computers to Windows XP Service Pack 2 to use DFS and implement a domain-based DFS namespace. You need to then add a second namespace server and enable the Clients fail back to preferred targets option.

Rather than having every user in your organization access their files from the same server, you can distribute the user workload across multiple DFS replicas rather than overburdening a single server. Domain based namespaces should be used here because Domain based namespaces require all servers to be members of an Active Directory domain. The DFS supports automatic synchronization of DFS targets. In a domain environment, a server is capable of hosting multiple DFS roots that provides you with a degree of scalability.

Another reason for having multiple DFS replicas is because doing so provides you with a degree of fault tolerance. DFS can also provide fault tolerance from the standpoint of protecting you against network link failures.

You should add a second namespace server and enable the Clients fail back to preferred targets option to ensure a client failback on the namespace (or on specific folders in your namespace). So, when the failed target comes back online the client will fail back to that target as its preferred target.

If your WAN links are unreliable, you might find your clients frequently accessing different targets for the same folder. This can be a problem, for by default, DFS caches referrals for a period of time (300 seconds or 5 minutes) so if a target server suddenly goes down the client will keep trying to connect to the target and give an error instead of making the resource available to the client from a different target. To prevent this from happening (especially non-optimal targets), you can configure a client failback to preferred targets option on the namespace.

Reference: Configuring DFS Namespaces

http://www.windowsnetworking.com/articles_tutorials/Configuring-DFS-Namespaces.html

Reference: Planning a DFS Architecture, Part 1/ Planning a DFS Architecture, Part 2 / Domain-Based Namespaces

<http://www.petri.co.il/planning-dfs-architecture-part-one.htm>

Question 13:

You work as the Enterprise administrator at TestKing.com. The TestKing.com network consists of a domain named testking.com. The network servers run Windows Server 2008 and the client computers are running Windows Vista. The TestKing.com network does not have Internet connectivity.

Testking.com contains a file server named TESTKING-SR18 that hosts shared folders which the users use to save their files that needs to be shared.

You receive an instruction to ensure that productivity continues by permitting the users access to the files in the shared folders on TESTKING-SR18 even if TESTKING-SR18 is not connected to the network.

How should you configure TESTKING-SR18?

- A. You should set up offline files to use encryption
- B. You should set up folder redirection on TESTKING-SR18.
- C. You should set up caching on the shared folder in TESTKING-SR18.
- D. You should set up a Group Policy for remote users on TESTKING-SR18.

Answer: C

Explanation:

You need to set up caching on the shared folder in TESTKING-SR18. This will allow the remote users to access the share even if they are disconnected.

Reference: Set Caching Options for Shared Folders
<http://technet.microsoft.com/en-us/library/cc755136.aspx>

Question 14:

Your organization consists of a single Windows Server 2008 Active Directory forest that contains seven domains arranged in a single tree. The root domain is named TestKing.com. IT departmental mandate specifies that all domain controllers must have the DNS server role installed. You need to plan the DNS infrastructure for a new child domain named tech.east.TestKing.com. The three chief requirements are that (a) DNS services are fault-tolerant in the tech.east.TestKing.com domain, (b) the tech.east.TestKing.com domain is automatically made aware of any new DNS servers that are brought online in the root domain, and (c) full forest-wide name resolution is supported.

Which of the following actions should you perform? (Select two choices. Each correct answer represents a part of a single solution.)

- A. Create an Active Directory-integrated stub zone for TestKing.com.
- B. Create an Active Directory-integrated zone on tech.east.TestKing.com.
- C. Create a standard secondary zone for TestKing.com.
- D. Create a standard primary zone on tech.east.TestKing.com. Next, configure conditional forwarding on this server for the remaining DNS zones in the forest.

Answer: A,B

Question 15:

You are the administrator for a single Active Directory domain. You have to upgrade all client computers to Windows Vista. All servers in the network run either Windows Server 2003 or Windows Server 2008. You want to create a storage design infrastructure that can use block-based storage over an existing IP network infrastructure. What should you implement?

- A. Implement iSCSI.
- B. Implement Fiber Channel.
- C. Implement Virtual Disk Service.
- D. Implement Serial ATA.

Answer: A

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