



**70-647**

**PRO: Windows Server 2008, Enterprise Administrator**

**Exam number/code:** 70-647

**Exam name:** PRO: Windows Server 2008, Enterprise Administrator

**Questions & Answers:** 86 Q&A

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**Exam: 70-647 Certification Questions & Answers**

**Question 1:**

You work as an enterprise administrator at TestKing.com. The TestKing.com network has a domain named testking.com. All servers in the TestKing.com network run Windows Server 2008 and half the client computers run Windows XP with Service Pack 3 (SP3) installed and the other half run Windows Vista.

What should you do to ensure that certificate enrollment is automated and support by all client computers? (Each correct option will form a part of the answer. Select TWO.)

- A. By configuring a stand-alone certification authority (CA).
- B. By configuring a subordinate certification authority (CA).
- C. By configuring an enterprise certification authority (CA).
- D. By installing a certificate from a public certification authority (CA).
- E. By configuring V2 templates.
- F. By configuring V1 templates

**Answer: C,E**

**Explanation:**

To deploy Certificate Services on the network and ensure that there is automatic certificate enrollment on the network and there are supported certificates for all client computers, you need to Deploy an enterprise certification authority (CA) and create V2 templates. You should use enterprise certification authority (CA) because it is integrated with Active Directory, and only provides certificates to members within that Active Directory. You should not use Standalone CA because it doesn't tap into a local or domain user account.

You should use V2 templates instead of V1 templates because V2 templates are customizable. With V2 templates, a CA administrator is able to configure a wide range of settings that apply during certificate enrollment, such as minimum key length, subject name definition, enrollment requirements like enrollment agent signature, and so on

Reference: Certification Success - The Standalone CA Versus The Enterprise CA  
<http://www.lockergnome.com/it/2004/10/19/certification-success-the-standalone-ca-versus-the-enterprise-ca/>

Reference: Certificate Templates Overview  
<http://technet2.microsoft.com/windowsserver2008/en/library/65985352-e846-4d4d-9a0d-2fea1b7eceba1033.mspx?mfr=true>

**Question 2:**

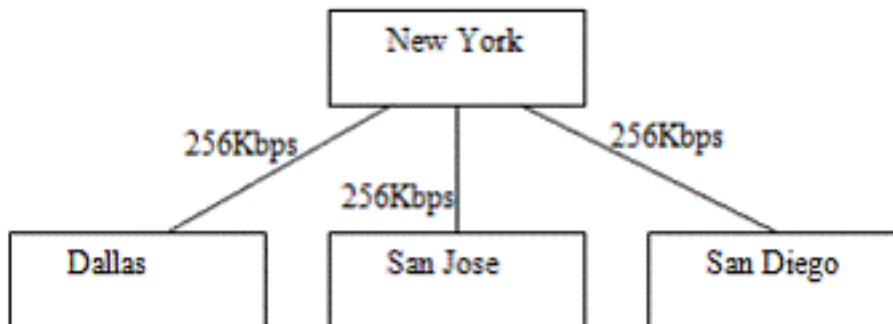
Which of the following are not a design consideration for OU structure? (Choose all that apply.)

- A. Visibility
- B. Autonomy
- C. Access
- D. Control
- E. Group Policy

**Answer: C,E**

**Question 3:**

You work as a Network Administrator for Maya Inc. The company has a Windows Server 2008 Active Directory-based single domain single forest network. The company has its headquarters at New York. The branch offices of the company are located at Dallas, San Jose, and San Diego. All the locations are connected through 256Kbps leased lines.



The management of the company does not want unnecessary traffic over the WAN connection. Which of the following strategies will you implement to accomplish the task?

- A. Create a site for the headquarters and move all domain controllers to this site. Create a site that contains all branch offices.
- B. Create a separate site for each location. Keep all domain controllers at the headquarters site.
- C. Create a single site that covers all locations. Keep all domain controllers at the headquarters.
- D. Create a separate site for each location. Move the domain controllers to their respective sites.

**Answer: D**

**Question 4:**

You work as a Network Administrator for Maya Inc. The company has a Windows Server 2008 Active Directory domain-based network. The network contains four Windows Server 2008 member servers and 250 Windows Vista client computers. One of the member servers is working as a DNS server that contains writable copy of the zone file. You want to install another DNS server on the network for fault tolerance so that the name resolution can continue in case the first DNS server fails. Which of the following DNS server roles will you choose to configure the new DNS server for accomplishing the task?

- A. Secondary DNS server
- B. Primary DNS server
- C. Forwarder DNS server
- D. Caching-Only DNS server

**Answer: A**

**Question 5:**

When upgrading and consolidating an environment consisting of servers using Windows 2000 Server and Windows Server 2003 to a Windows Server 2008 environment, the Active Directory Migration Tool will play a major role. Because you have many different versions of Windows available, which version of the ADMT will you need to use on Windows Server 2008 to consolidate?

- A. 3.0
- B. 3.1
- C. 3.2
- D. 2.0

**Answer: B**

**Question 6:**

You are a network administrator for your company. The network consists of a single Active Directory domain. All servers run Windows Server 2008, and all client computers run Windows Vista. The network also contains a terminal server that employees from all departments use to run applications.

The company's written network policy stipulates restrictions to the desktop configuration on the terminal server. Those desktop restrictions should not apply when users work on their client computers. You must implement the appropriate desktop settings for all users in accordance with the company policy.

What should you do?

- A. Place all users and the terminal server into the same OU, configure the appropriate desktop settings in a GPO, and link the GPO to the OU.
- B. Place all client computers into an OU, and select Block Policy inheritance on the OU. Configure the appropriate desktop settings in a domain-level GPO.
- C. Place the terminal server into an OU, and select Block Policy inheritance on the OU. Configure the appropriate desktop settings in a domain-level GPO.
- D. Place the terminal server into an OU, configure the appropriate desktop settings in a GPO, enable the loopback processing mode, and link the GPO to the OU.

**Answer: B**

**Question 7:**

You work as an enterprise administrator at TestKing.com. The TestKing.com network has a domain named testking.com and a workgroup named TKGROUP. All servers in the TestKing.com network run Windows Server 2008 and all the client computers run Windows Vista. The TestKing.com network has unmanaged network switches and has two servers named TESTKING-SR07 and TESTKING-SR08. TESTKING-SR07 is configured with the Active Directory Domain Services (AD DS), the Active Directory Certificate Services (AD CS) and the Dynamic Host Configuration Protocol (DHCP) service while TESTKING-SR08 is configured with the Routing and Remote Access Service (RRAS), the Network Policy Service (NPS) and Health Registration Authority (HRA).

You notice that the latest Microsoft updates have not been applied to all client computers that are part of the TKGROUP workgroup. You are concerned that TestKing.com users are accessing the local area network (LAN) from these client computers.

You want to implement Network Access Protection (NAP) to secure the network by preventing client computers that are not members of the testking.com network or do not have the latest Microsoft updates from accessing any network servers that are members of the testking.com domain.

Which of the following option would you choose?

- A. TCP/IP
- B. 802.1z
- C. PPTP
- D. DHCP
- E. L2TP
- F. IPsec

**Answer: F**

**Explanation:**

To ensure that only the computers that have the latest Microsoft updates installed should be able to connect to servers in the domain and that only the computers that are joined to the domain should be able to connect to servers in the domain, you need to use the IPsec NAP enforcement method. IPsec domain and server isolation methods are used to prevent unmanaged computers from accessing network resources. This method enforces health policies when a client computer attempts to communicate with another computer using IPsec.

Reference: Protecting a Network from Unmanaged Clients / Solutions

<http://www.microsoft.com/technet/security/midsizedbusiness/topics/serversecurity/unmanagedclients.mspx>

Reference: Network Access Protection (NAP) Deployment Planning / Choosing Enforcement Methods

<http://blogs.technet.com/nap/archive/2007/07/28/network-access-protection-deployment-planning.aspx>

**Question 8:**

Microsoft System Center Virtual Application Server is running in your environment. You have implemented the proper load balancing configuration. You have used SoftGrid sequencer to package all needed applications. The clients are all running Windows Vista 32-bit. What protocol will be used to stream the applications to the clients?

- A. H.323
- B. RTP
- C. HTTP
- D. SMTP

**Answer: B**

**Question 9:**

You are the administrator for a company that makes parts for classic cars. The company's network consists of a single Windows 2008 Active Directory forest with two trees. Each tree contains two domains, American and Import. In the domain named American there are two organizational units (OUs), named Cars and Trucks. You would like to allow a security group named Helpdesk, which is located in the Cars OU, to reset passwords for users in both OUs. You do not want to allow Helpdesk group members any excess privileges. You would also like to the ability to review the old passwords and new passwords after the changes have been made. This should be done while collecting the least amount of information in the audit logs.

What should you do to achieve these goals? (Choose two. Each correct answer is a part of the complete solution.)

- A. Add the Helpdesk group to the Domain Administrators group.
- B. Delegate the reset passwords right for the domain to the Helpdesk group.
- C. Delegate the reset passwords right for the Trucks OU to the Helpdesk group.
- D. Enable the Audit directory service access policy for the domain.
- E. Enable the Audit Directory Service Changes policy for the domain.

**Answer: B,E**

**Question 10:**

## TestKing [Microsoft 70-647](#) Exam Questions & Answers

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You work as an enterprise administrator at TestKing.com. The TestKing.com network has a domain named testking.com. All servers in the TestKing.com network run Windows Server 2008.

The TestKing.com network has two servers named TESTKING-SR05 and TESTKING-SR06. TESTKING-SR05 is configured as an Enterprise Root Certification Authority (CA) and has the Active Directory Certificate Services (AD CS) installed while TESTKING-SR06 is a file server. The TestKing.com network also has two Web servers named TESTKING-SR07 and TESTKING-SR08. TESTKING-SR07 hosts TestKing.com's intranet Web site while TESTKING-SR08 hosts a replica of the intranet Web site.

You want TestKing.com users to use any of the Web servers when they connect to the intranet Web site. However, TestKing.com users must use secure HTTP and a single URL to connect to the intranet Web site.

How would you accomplish the given task? (Each correct option will form a part of the answer. Select THREE.)

- A. By configuring TESTKING-SR07 and TRESTKING-SR08 as a Network Load Balancing cluster.
- B. By configuring TESTKING-SR07 and TRESTKING-SR08 as a failover cluster.
- C. By using TESTKING-SR05 to issue a Web server certificate for the intranet Web site.
- D. By installing Internet Information Services (IIS) on TESTKING-SR07 and TRESTKING-SR08.
- E. By installing the Web server certificate on TESTKING-SR07 and TRESTKING-SR08.
- F. By installing the Web server certificate on TESTKING-SR05.

**Answer: A,C,E**

### **Explanation:**

To connect to the Intranet website through HTTPS on either TESTKING-SR06 or TESTKING-SR07 by using a single URL, <https://www.TestKing.com> add both servers to a Network Load Balancing cluster so that the client requests can be load balanced between both servers and both the servers should be able to serve the request.

You should not use a failover cluster because you don't want another server to support if one of the servers fails.

Next to make a secure intranet connection, you need to issue a web server certificate for [www.TestKing.com](https://www.TestKing.com), which is the default web URL and includes both the intranet servers. You should not issue a Web server certificate for [TestKingserver2.TestKing.com](https://TestKingserver2.TestKing.com) or [TestKingserver3.TestKing.com](https://TestKingserver3.TestKing.com) because that will take care of only one web server whereas the common URL will take care of both the servers.

Next you need to install the certificate on both TESTKING-SR06 and TESTKING-SR07 because to use certificates they must be installed on both the servers.

### **Question 11:**

You work as an enterprise administrator at TestKing.com. The TestKing.com network has a forest with two domains named testking.com and intl.testking.com. All servers in the TestKing.com network run Windows Server 2008. The testking.com domain has two domain controllers named TESTKING-SR05 and TESTKING-SR06 and the intl.testking.com domain has two domain controllers named TESTKING-SR07 and TESTKING-SR08. Active Directory-integrated DNS zones are hosted on the domain controllers for their respective domains.

You need to develop a name resolution strategy that allows clients to use the DNS server in their domain to resolve names in either domain.

Which of the following options would you choose to accomplish this task? (Each correct option will form a part of the answer. Select TWO.)

## TestKing [Microsoft 70-647](#) Exam Questions & Answers

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- A. By configuring conditional forwarders on TESTKING-SR05 to point to TESTKING-SR07.
- B. By installing a DHCP Relay Agent in the intl.testking.com domain.
- C. By adding the testking.com DNS zone to the ForestDNSZones partition.
- D. By creating a stub DNS zone for testking.com on TESTKING-SR07.
- E. By adding the intl.testking.com DNS zone to the ForestDNSZones partition.
- F. By installing a DHCP server in the testking.com domain.
- G. By configuring conditional forwarders on TESTKING-SR07 to point to TESTKING-SR05.

**Answer: C,E**

**Explanation:**

To ensure that users from each office can resolve computer names for both domains from a local DNS server, you need to add the testking.com and the intl.testking.com DNS zones to the ForestDNSZones partition because the ForestDNSZones directory partition can be replicated among all domain controllers (DCs) located in both the domains testking.com and intl.testking.com in the forest of the company.

This is because all the domain controllers have the DNS service installed. Once the DNS Zones data is replicated the users from each office can resolve computer names for both domains from their local DNS server

A stub zone cannot be used because it is used to resolve names between separate DNS namespaces a Standard Primary DNS zone cannot be used because the DNS Server in this type of zone contains the only writable copy of the DNS zone database files. There can be only one Standard Primary DNS Server for a particular zone. A conditional forwarder cannot be used because it handles name resolution only for a specific domain.

Reference: What causes the error I receive in the event log when I attempt to replicate the ForestDNSZones directory partition?

<http://windowsitpro.com/article/articleid/43165/q-what-causes-the-error-i-receive-in-the-event-log-when-i-attempt-to-replicate-the-forestdnszones-directory-partition.html>

Reference: Understanding stub zones

<http://207.46.196.114/windowsserver/en/library/648f2efd-0ad4-4788-80c8-75f8491f660e1033.mspx?mfr=true>

Reference: DNS Conditional Forwarding in Windows Server 2003

[http://www.windowsnetworking.com/articles\\_tutorials/DNS\\_Conditional\\_Forwarding\\_in\\_Windows\\_Server\\_2003.html](http://www.windowsnetworking.com/articles_tutorials/DNS_Conditional_Forwarding_in_Windows_Server_2003.html)

**Question 12:**

You work as an enterprise administrator at TestKing.com. The TestKing.com network has a domain named testking.com. All servers in the TestKing.com network run Windows Server 2008 and all client computers run Windows 2000 Professional. TestKing.com has its headquarters in Chicago and branch offices in Boston, Atlanta, Miami and Dallas. Each office has a DNS server.

How can you perform installation of Active Directory Domain Services (AD DS) with a name resolution strategy that allows for quick response times and uses secure dynamic updates.

- A. Implement a standard primary zone in each office.
- B. Implement conditional forwarders on all DNS servers.
- C. Implement an Active Directory-integrated (ADI) DNS zone.
- D. Implement a GlobalNames zone (GNZ).

**Answer: C**

**Explanation:**

To deploy Active Directory Domain Services (AD DS) on the corporate network of the company with given requirements, you need to implement a single Active Directory-integrated (ADI) DNS zone. Active Directory integrated (ADI) DNS zones enables built-in

recovery, scalability, and performance. An ADI zone is a writeable copy of a forward lookup zone that is hosted on a domain controller.

It can therefore reduce the response times for users connecting to resources anywhere on the network and because it uses directory-integrated storage it also simplifies dynamic updates for DNS clients that are running Windows 2000. None of the other options can be used to meet the desired objectives.

Reference: From the Windows 2000 Resource Kit

<http://windowsitpro.com/article/articleid/76616/jsi-tip-5312-when-you-change-your-dns-active-directory-integrated-zone-type-to-secondary-it-changes-back-to-active-directory-integrated-when-you-restart.html>

Reference: ACTIVE DIRECTORY ADMINISTRATION TIPS

[http://searchwinit.techtarget.com/tip/0,289483,sid1\\_gci1115858,00.html](http://searchwinit.techtarget.com/tip/0,289483,sid1_gci1115858,00.html)

**Question 13:**

You are the administrator for a large corporation that uses several Web-based applications accessed by remote workers. The applications are currently housed in a Network Load Balancing Cluster (NLB). As a part of the upgrade of the network, you would also like to upgrade the cluster members. You would like to do this with the least interruption to the access of the applications.

Which of the following operations would allow you to take the nodes offline without interrupting access?

- A. At the cluster level, type the drainstop command
- B. At the host level, type the drainstop command
- C. At the cluster level, type the stop command
- D. At the host level, type the stop command

**Answer: B**

**Question 14:**

You work as a Network Administrator for Maya Inc. The company has a headquarters and two branch offices. The company has a Windows 2008 Active Directory-based single domain network. The domain name is nettech.com. All the domain controllers and DNS servers of the domain are located in the headquarters. The DNS servers are configured on the member servers.

You want to create two new domains for the branch offices named support.nettech.com and sales.nettech.com. In this process, you installed a DNS server in both offices and configured two delegation subdomain DNS records on headquarters DNS server for both new domains. What else you have to do to deploy the two new Active Directory domains for the branch offices?

Each correct answer represents a part of the solution. Choose two.

- A. Create a new secondary zone on DNS servers of both branch offices for the new domains.
- B. Configure caching-only DNS server on both branch offices DNS servers.
- C. Create a new standard primary zone on DNS servers of both branch offices for the new domains.
- D. Configure zone transfer for the nettech.com zone to the branch office DNS servers.

**Answer: C,D**

**Question 15:**

## TestKing [Microsoft 70-647](#) Exam Questions & Answers

With Windows Server 2008, many new features and available roles are available. One of these particular features allows for a new transitional technique from WINS to DNS. Of the following listed, which is this transitional technology?

- A. Primary Zone
- B. Secondary Zone
- C. Forward Lookup Zone
- D. Reverse Lookup Zone
- E. GlobalNames Zones
- F. Stub Zone

**Answer: E**

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