

## Windows Server 2008 - Enterprise Administrator Code: 70-647

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70-647 Combiantion

This is the compleate same exam as "Microsoft.PracticeExam.70-647.v2012-03-07.by.Anonymous.290q".  
I have just recreated it as a standard exam, so that it can be used with mobile devices.

[[ USE THE **EXAMS** AND NOT THE SECTIONS!!!! ]]

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## Exam A

### QUESTION 1

Your network consists of four Active directory domains named East, West, North, and South.

The North domain is the forest root domain.

All domain controllers run Windows Server 2008.

Department managers use a sales reporting application on a server named SalesServer1 in the East domain.

A domain local group named SalesAppEast in the East domain has access to the application.

Each domain has a global group named LocalManagers that contains all managers from the corresponding domain.

All global groups are added to the SalesAppEast domain local group.

**You need to ensure that any unauthorized member added to SalesAppEast is automatically removed.**

What should you do?

- A. Deny the Modify permission for the SalesAppEast domain local group.
- B. Create a Group Policy object (GPO). Configure the GPO to restrict group membership to the SalesAppEast group and link the GPO to the East domain.
- C. Create a Group Policy object (GPO). Configure the GPO to restrict group membership to the LocalManagers group and link the GPO to the North domain.
- D. Create a Group Policy object (GPO). Configure the GPO to restrict group membership to the LocalManagers group and link the GPO to the North, South, and West domains.

**Correct Answer: B**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Your company has 5,000 users. The network contains servers that run Windows Server 2008.

**You need to recommend a collaboration solution for the users to meet the following requirements:**

- Support tracking of document version history.
- Enable shared access to documents created in Microsoft Office.
- Enable shared access to documents created by using Web pages.
- The solution must be achieved without requiring any additional costs.

What should you recommend?

- A. Install servers that run the Web Server role.
- B. Install servers that run the Application Server role.
- C. Install servers that run Microsoft Windows SharePoint Services (WSS) 3.0.
- D. Install servers that run Microsoft Office SharePoint Server (MOSS) 2007.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

### QUESTION 3

Your network contains only servers that run Windows Server 2008. You plan to use only iSCSI for shared

storage. You plan to deploy servers that run Microsoft SQL Server 2005 on the network.

**You need to recommend a high-availability solution for the SQL Server 2005 servers to withstand the failure of any single hardware component.**

What should you recommend?

- A. Install a two node failover cluster that has multiple network cards.
- B. Install a two node failover cluster that has a dual port teamed network card.
- C. Install a Network Load Balancing cluster that has multiple network cards.
- D. Install a Network Load Balancing cluster that has multiple teamed network cards.

**Correct Answer: A**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 4**

Your network contains 200 Web servers that run Windows Server 2008.

**You need to plan the management of security settings for all servers on the network.**

**The solution must meet the following requirements:**

- Minimize administrative effort.
- Maintain identical security settings for all servers.
- Enable compliance audits of servers added to the network.



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What should you do first?

- A. On each server, configure a local security audit policy.
- B. On one server, run the Security Configuration Wizard (SCW).
- C. On one server, install and run the Microsoft Security Assessment Tool (MSAT).
- D. On one server, install and run the Microsoft Baseline Security Analyzer (MBSA).

**Correct Answer: B**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

Your network consists of one Active Directory domain. All domain controllers run Windows Server 2008.

**You need to prepare the environment to provide a high-availability solution for a back-end Microsoft SQL Server 2005 data store.**

What should you do?

- A. Install a Windows Server 2003 Network Load Balancing cluster.
- B. Install a Windows Server 2008 Network Load Balancing cluster.
- C. Install a Windows Server 2008 failover cluster that has shared storage.
- D. Install a Windows Server 2008 failover cluster that has direct attached storage.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 6**

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

One Active Directory domain is contained by your network.

There are Three hundred client computers and 1,000 client computers.

Windows XP Service Pack 2 (SP2) is run by the three hundred client computers and Windows Vista is run by 1,000 client computers.

You want to have Terminal Services deployed on new servers, and Windows Server 2008 will be run by new servers.

**Since you are the technical support, you are required to design the deployment of Terminal Services RemoteApp (TS RemoteApp).**

Which option should be included in your design?

- A. A Group Policy object (GPO) should be Created and linked to the Active Directory domain. And then, the GPO should be changed to enable access through Terminal Services Gateway (TS Gateway).
- B. On the Terminal Servers, all user accounts should be added to the Remote Desktop Users local group.
- C. On all computers which Windows XP is run, the Remote Desktop Connection 6.0 client update should be installed.
- D. In the Active Directory domain, all user accounts should be added to the Remote Desktop Users built-in local group.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 7**

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

A server which runs Windows Server 2008 is installed by you.

And it is installed as the first domain controller in an Active Directory forest.

**Since you are the technical support, you are required to install another server as a read-only domain controller (RODC).**

To achieve the goal, which action should be performed first?



- A. To achieve the goal, adprep /rodcprep should be run.
- B. To achieve the goal, adprep /domainprep /gpprep should be run.
- C. To achieve the goal, the functional level of the forest should be raised to Windows Server 2003.
- D. To achieve the goal, the functional level of the domain should be raised to Windows Server 2008.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

**QUESTION 8**

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

Your company has one head office named H1 and one branch office named B1. A single wide area network (WAN) link connects the offices.

One Active Directory domain is contained in the network. Servers that run Windows Server 2008 are contained in this domain.

**The table below shows the configuration of the relevant servers:**

Server name	Installed services	Location
Server1	Active Directory Domain Services (AD DS) File Services Distributed File System (DFS)	H1
Server2	Active Directory Domain Services (AD DS) File Services Distributed File System (DFS)	B1

An organizational unit (OU) named Main1-computers is created by you. This OU contains all computer accounts in Main1.

An OU named Branch1-computers is created by you. This OU contains all computer accounts in B1.

A Group Policy object (GPO) named GPO1 is linked to the domain.

You plan to use GPO1 to install applications on computers in both offices.

The D:\Software folder on Server1 is shared as \\Server1\Software.

The D:\Software folder on Server2 is shared as \\Server2\Software.

DFS Replication is configured to replicate the contents of \\Server1\Software to \\Server2\Software.

**Now you receive an order from the company CIO.**

**Since you are the technical support, you are asked to prepare the environment to enable computers in both offices to allow the installation of applications if a WAN link fails.**

What action should you perform?

- A. The software distribution packages on GPO1 should be configured to use D:\Software as the source folder for application installation.
- B. A DFS Namespace named \\Contoso.com\DFSroot\Software should be created. \\Server1\Software and \\Server2\Software should be configured as folder targets of the DFS Namespace.
- C. A DFS Namespace named \\Server1\DFSroot\Software. \\Server1\Software and \\Server2\Software should be configured as folder targets of the DFS Namespace.
- D. A share object should be created in the H1-computers OU that points to \\Server1\Software. A Share object should be created in the Branch1-computers OU that points to \\Server2\software.

**Correct Answer: B**  
**Section: Exam A**  
**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

There is one Active Directory domain and three Network Information Services (NIS) domains in your network. Windows Server 2008 is run by all domain controllers. All NIS domain servers run UNIX-based operating systems.

**Since you are the technical support, the company CIO assigns a task to you. You are asked to plan the integration of the Active Directory domain and the NIS domains.**

**Your solution must meet the following requirements:**

- Cut down the costs required to implement the solution to the least.
- Cut down the number of additional Windows servers required.
- Provide centralized administration of Active Directory domain objects and NIS domain objects.

What should be included in your plan?

- A. The subsystem for UNIX-based applications should be installed.
- B. Install Active Directory Federation Services (AD FS) should be installed.
- C. The Server for Network Information Services role service should be added.
- D. A Microsoft Identity Lifecycle Manager (ILM) 2007 server should be implemented.

**Correct Answer: C**  
**Section: Exam A**  
**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

Your network consists of one Active Directory domain. The functional level of the domain is Windows Server 2008.

The domain has 30 domain controllers. Twenty administrators manage the domain.

You plan to implement an audit and compliance policy.

**You need to ensure that all changes made to Active Directory objects are recorded.**

What should you do?

- A. On all domain controllers, run the Security Configuration Wizard (SCW).
- B. In the Default Domain Controller Policy, configure a Directory Services Auditing policy.
- C. In the Default Domain Controller Policy, configure and implement a file-level audit policy for the SYSVOL volume.
- D. Create a Group Policy object (GPO) linked to the Domain Controllers OU. Configure the GPO to install the Microsoft Baseline Security Analyzer (MBSA).

**Correct Answer: B**

**Section: Exam A**  
**Explanation**

**Explanation/Reference:**

**QUESTION 11**

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

Two servers named Server1 and Server2 are contained by the network.  
Server1 is a reverse proxy. Windows Server 2008 is run by Server2.  
And the Web server (IIS) server role installed in Server2. A secure Web site is hosted by Server2.  
You want users to utilize the <https://www.contoso.com> URL to connect to Server2.

**Since you are the technical support, you are required to have the environment for the deployment of server certificates prepared to satisfy the following requirements.**

- **First**, users connecting from the local network must only connect directly to Server2.
- **Second**, users must be able to get access to the Web site on Server2 when they are connected to the Internet or the internal network.

Which action should be performed to achieve the goal?

- A. A server certificate for the name Server1.Contoso.com should be installed on Server1. And then, a server certificate for the name www.Contoso.com should be installed on Server2.
- B. A server certificate for the name www.contoso.com should be installed on Server1. And then, a server certificate for the name Server2.Contoso.com should be installed on Server2.
- C. A server certificate for the name www.contoso.com should be installed on Server1 and Server2.
- D. A server certificate for the name Server1.Contoso.com should be installed on Server1 and Server2.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

**QUESTION 12**

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

There is one Active Directory forest in your network. One root domain and two child domains are contained in this forest.

Windows Server 2008 is run by all domain controllers.

The DNS Server service is run by all domain controllers that host Active Directory-integrated zones.

You design a name resolution solution to support single-label names.

**You have to prepare the environment to support single-label name resolution across the entire forest.**

What action should you perform?

- A. A resource records should be configured in the parent domain.

- B. A GlobalNames zone should be deployed.
- C. Stub zones in each child domain should be deployed.
- D. Conditional forwarders should be configured in each child domain.

**Correct Answer:** B

**Section:** Exam A

**Explanation**

**Explanation/Reference:**

### QUESTION 13

**You work as an IT professional in an international company which is named Contoso. Your major job is to translate business goals into technology decisions and plan mid-range to long-term strategies. And you are experienced in network infrastructure, security policy and business continuity. In your company, you are responsible for infrastructure design and global configuration changes.**

There is one Active Directory domain in your network. Two servers named Server01 and Server02 are contained in the domain.

Windows Server 2008 is run by all servers.

Server01 can be accessed only from the internal network.

Server02 can be accessed from the internal network and from the Internet.

Microsoft SQL Server 2005 is run by Server01.

All client computers are members of the domain and run Windows Vista Service Pack 1 (SP1).

All client computers run an application that uses ActiveX Data Objects (ADO) to connect to Server01.

Remote users need to be enabled to run the application from the Internet.

**Your solution must meet the following requirements:**

- The SQL Server connection method used by the client application must not be changed.
- Remote users must be able to access the application through an HTTP or HTTPS connection.

What action should you perform on Server02?

- A. The Network Policy and Access Services (NPAS) server role should be installed. Secure Socket Tunneling Protocol (SSTP) connections should be enabled.
- B. The RPC should be installed over HTTP Proxy feature. A proxy connection should be configured to Server01.
- C. The Terminal Services Gateway (TS Gateway) role service should be installed. An ADO connection should be configured to Server01.
- D. The Web Server (IIS) server role should be installed. A Web service that connects should be configured to SQL Server on Server01.

**Correct Answer:** A

**Section:** Exam A

**Explanation**

**Explanation/Reference:**

### QUESTION 14

Your Network consists of one Active Directory forest that has three domains. All domains run Windows Server 2008 R2.

Each domain has two domain controllers, four application servers, and 10 file servers.

Each domain, you create an organizational unit (OU) named OU1.

**You need to plan the deployment of security policy on all application servers to meet the following requirements:**

- All application servers must have identical security settings.
- All security settings must be applied only to the application servers.

What should you do next?

- A. Move all application servers to OU1. Create one Group Policy object (GPO) that contains the security policy settings. Link the GPO to domain.
- B. Move all application servers to OU1. Create three Group Policy objects (GPOs) that contain the security policy settings. Link one GPO each OU named OU1.
- C. Move all domain servers to OU1. Create one Group Policy object (GPO) that contains the security policy settings. Link the GPO to each named OU1.
- D. Move all domain servers in the domain to OU1. Create three Group Policy objects (GPOs) that contain the security policy settings. Link GPO to each domain.

**Correct Answer: B**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 15**

A company has an Active Directory Domain Services (AD DS) domain. The company has 300 retail stores with a domain controller in each store. All domain controllers run Windows Server 2003. The domain controllers host an application that remote users access by using Terminal Services.

You are planning to replace the domain controllers. The retail stores do not have secure locations in which to store network equipment and servers.

You have the following requirements:

- Make the application available as a RemoteApp.
- Ensure that non-administrative users can access the application.
- Maximize domain security.

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You need to deploy domain controllers that meet the requirements.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Deploy Windows Server 2008 R2 as a domain controller.
- B. Deploy a Server Core installation of Windows Server 2008 R2 as a read-only domain controller (RODC).
- C. Deploy a Server Core installation of Windows Server 2008 R2 as a domain controller.
- D. Deploy Windows Server 2008 R2 as a read-only domain controller (RODC).

**Correct Answer: D**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 16**

A network contains the computers described in the following table.

Number	Purpose	Operating system
5	Server	Windows Server 2008 R2
200	Client computer	Windows 7
100	Client computer	Windows Vista SP2
100	Client computer	Windows XP SP3

All users work in a Remote Desktop Services (RDS) environment.

You migrate 15 client computers that run Windows XP to Windows 7. During a license audit you discover that you are using 15 more RDS device client access licenses (CALs) than required.

You need to ensure that the number of issued RDS CALs matches the number of client devices currently in service in the least amount of time.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Wait until the RDS licensing server reclaims the unnecessary licenses.
- B. Use the RDS Licensing Manager console to revoke the unnecessary Windows XP device CALs.  
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- C. From the Remote Desktop Session Host Configuration console, run the Licensing Diagnostics tool.
- D. Reset the licensing database path by modifying the Discovery Scope configuration.

**Correct Answer: B**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 17

A company has a main office and several branch offices with a 4 Mbps point-to-point connection between all offices. The corporate network contains an Active Directory Domain Services (AD DS) domain. All file servers in the domain run Windows Server 2008 R2. File servers contain a large amount of data that undergoes frequent changes.

You need to recommend a solution for replicating file server volumes between branch offices.



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What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Configure Distributed File System Replication (DFS-R) with a bandwidth limit
- B. Configure Distributed File System (DFS) and replicate data to each branch office
- C. Configure File Server Resource Manager (FSRM).
- D. Configure Distributed File System (DFS) Namespaces on each file server.

**Correct Answer: A**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 18

All servers in an Active Directory Domain Services (AD DS) domain run Windows Server 2008 R2. All Remote Desktop Services (RDS) servers are in an organizational unit (OU) named RDS Servers. All computer security policy settings are configured in a Group Policy Object (GPO) named Security Policy. The Security Policy GPO is linked to the domain.

You create a new GPO named RDS and link it to the RDS Servers OU. The RDS GPO overrides the Security Policy GPO settings.

You need to ensure that the Security Policy GPO settings are not overridden in any OU.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Link the Security Policy GPO to the RDS Servers OU.
- B. Configure the RDS Servers OU to block inheritance.
- C. Enable loopback processing in the RDS GPO.
- D. Configure the domain to block inheritance.
- E. Configure the Security Policy GPO to be enforced.

**Correct Answer: E**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 19

A corporate network contains an Active Directory Domain Services (AD DS) domain with 160 Microsoft 70-647 Exam

domain controllers that run Windows Server 2008 R2. All client computers run Windows 7. The company has 75 geographically disparate branch offices. Each branch office is represented by an Active Directory site. The Employee organizational unit (OU) includes all employee user accounts. Many employees work from multiple branch offices. Site resource access is managed by using Group Policy Objects (GPOs) and scripts.

Each site has a network share on which users store information specific to the activities at that site.

You need to ensure that users at each site can access the appropriate network share through a single mapped drive.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create a GPO for each site. Configure the GPOs to run a logon script that maps the drive to the site-specific file share. Create a Windows Management Instrumentation (WMI) filter that targets Windows Server 2008 R2. Link the GPOs to the Employee OU.
- B. Create an OU for each site under the Employee OU. Place the user accounts for each site in the correct OU. Create a GPO for each site. Configure the new GPOs to run a logon script that maps the drive to the site-specific file share. Link the new GPOs to the site-specific OUs.
- C. Create a single GPO for drive mapping. In the GPO, create Drive Map preference items to map the drive to the site-specific file share. Configure the targeting of the Drive Map preference item to match the specific site. Link the new GPO to the Employee OU.
- D. Create a logon script for each site. Set each logon script to map the drive to the site-specific file share. Configure the user logon script option in Active Directory to run the appropriate logon script.

**Correct Answer: C**

**Section: Exam A**

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 20

A company has 50 servers that run Windows Server 2008 R2 Enterprise or Windows Server 2003 Enterprise. You plan to deploy a large-scale wireless network. The wireless network will include 300 wireless access points (WAPs). The WAPs will use Remote Authentication Dial-In User Service (RADIUS) to authenticate devices for network access.

All passwords and shared secrets used for device authentication must be changed every 14 days.

You need to enable centralized management of the RADIUS infrastructure across the WAPs.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Deploy a Network Policy Server (NPS) and define individual RADIUS client settings with IEEE 802.1X authentication for each WAP.
- B. Deploy a Host Credential Authorization Protocol (HCAP) server and configure it as a RADIUS proxy.
- C. Deploy a Network Policy Server (NPS). Create an XML file named `ias.xml` that defines access point settings. Then run the `netsh nps import filename = "ias.xml"` command.
- D. Deploy a Network Policy Server (NPS) and define an NPS template. Configure the RADIUS client settings for each client based on the template.

**Correct Answer: D**

**Section: Exam A**

## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 21

A company has an Active Directory Domain Services (AD DS) domain. All servers run Windows Server 2008 R2.

The company plans to add a large number of members to the Account Operators group. You create a new organizational unit (OU), move the Account Operators group to the new OU, and delegate control of the OU to a server operator.

The server operator is unable make changes to the Account Operators group.

You need to ensure that the server operator can manage the Account Operators group.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Set the `dsHeuristic` flag to include the Account Operators group in the AdminSDHolder protection.
- B. Make the server operator a Domain Administrator.
- C. Manually alter the access control lists (ACLs) on the Account Operators group to allow the server operator control.
- D. Set the `dsHeuristic` flag to exclude the Account Operators group from the AdminSDHolder protection.

**Correct Answer: C**

**Section: Exam A**

## Explanation

### Explanation/Reference:



Explanation:  
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### QUESTION 22

A company has an Active Directory Domain Services (AD DS) domain with multiple sites. All servers run Windows Server 2008 R2.

The company has multiple server operators. The server operators are members of the following Active Directory security groups:

- Server Operators
- Backup Operators

The company has an application that adds attributes to Active Directory. A server operator attempts to install the application on a server. The installation fails.

You need to ensure that the server operator can install the application.

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What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Install Active Directory Lightweight Directory Services in the Active Directory partition of a new server.
- B. Allow the server operator to use the default Administrator account to make the changes.
- C. Make the server operator a temporary member of the Schema Admins group.
- D. Make the server operator a temporary member of the Enterprise Administrators group.
- E. Make the server operator a temporary member of the Domain Administrators group.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 23

Fourth Coffee is merging with Fabrikam, Inc. Fourth Coffee has an Active Directory Domain Services (AD DS) domain with several child domains. Fabrikam has a UNIX-based environment that contains the Kerberos V5 protocol.

Fabrikam users must have access to only resources in the root Fourth Coffee domain. Fourth Coffee users must not have access to the Fabrikam domain.

You need to ensure that Fabrikam users can access the necessary Fourth Coffee resources.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Create a nontransitive two-way realm trust between Fourth Coffee and Fabrikam.
- B. Create a transitive one-way realm trust from Fourth Coffee to Fabrikam.
- C. Create a nontransitive one-way realm trust from Fourth Coffee to Fabrikam.
- D. Create a transitive two-way realm trust between Fourth Coffee and Fabrikam.

**Correct Answer: C**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 24

Trey Research is merging with Proseware, Inc. Trey Research has an Active Directory Domain Services (AD DS) domain named treyresearch.net with domain controllers named DC01, DC02, and DC03. Proseware has an AD DS domain named proseware.com.

All domain controllers run Windows Server 2008 R2 and the DNS server role

When creating a forest trust from dc01.treyresearch.net, the New Trust Wizard displays the following error message:

The New Trust Wizard cannot continue because the specified domain cannot be contacted. Either the domain does not exist, or network or other problems are preventing connection.

You need to ensure that the forest trust can be created.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. On DC01, modify the host file to include proseware.com.
- B. On DC01, create a Primary Zone for proseware.com.
- C. On DC01, modify the TCP/IP properties to use the Proseware DNS servers.
- D. On DC01, create a Conditional Forwarder for proseware.com.

**Correct Answer: D**

**Section: Exam A**

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 25

A company has a main office and multiple branch offices. The corporate network contains an Active Directory Domain Services (AD DS) domain and servers that run Windows Server 2008 R2.

You plan to deploy 50 read-only domain controllers (RODCs) to the branch offices. You will configure the RODCs at the company's main office and then ship them to the branch offices for installation by on-site technicians.



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You have the following requirements:

- Minimize network traffic related to the installation.
- Ensure the security of the RODCs.

You need to create a server configuration plan that meets the requirements.

You use the Ntdsutil command-line utility to prepare an Install From Media (IFM) source, removing Microsoft 70-647 Exam any sensitive credentials.

What should you recommend next? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Perform a Server Core installation of Windows Server 2008 R2 and add the RODC server role. Run DCPROMO and specify an answer file that includes the IFM location.
- B. Perform a Server Core installation of Windows Server 2008 R2 and add the RODC server role. Run DCPROMO with the /UseExistingAccount: Attach switch.
- C. Install Windows Server 2008 R2 and add the RODC server role. Run DCPROMO with the / ReplicationSourcePath switch and specify the IFM source.
- D. Install Windows Server 2008 R2 and add the RODC server role. Run DCPROMO and specify an answer file that includes the IFM location.

**Correct Answer:** A

**Section:** Exam A

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 26**

A company has an Active Directory Domain Services (AD DS) domain. All servers run Windows Server 2008 R2.

The company plans to open a branch office that will be available for the use of up to 250 traveling Sales department staff. Finance department staff will also use the office during financial audits. The branch office does not have a secure location in which to store network equipment and servers. A password policy enforces eight-character passwords across the domain.

You are designing a server deployment strategy for the new branch office. You have the following requirements:

- Minimize logon time for Sales department staff.
- Maximize domain security for Finance department staff.

You need to design a deployment strategy that meets the requirements.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Install a read-only domain controller (RODC) and configure it as a Global Catalog Server.
- B. Install a read-only domain controller (RODC). Set a password replication policy to deny replication of only the Finance security group.
- C. Install a read-only domain controller (RODC). Set a password replication policy to allow replication of only the Sales security group.
- D. Install a writeable domain controller. Create a fine-grained password policy to enforce complex 15-character passwords for the Finance department.

**Correct Answer:** A

**Section:** Exam A

**Explanation**

**Explanation/Reference:**

Explanation:

## Exam B

### QUESTION 1

Your company has three offices. Each office is configured as an Active Directory site. The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 R2. The company has five departments. You use a domain-level Group Policy object (GPO) to install Microsoft Office on all client computers.

**You need to deploy a GPO strategy to meet the following requirements:**

- Install a custom application in one of the departments.
- Restrict access to removable storage devices for all users.
- Implement separate Windows Internet Explorer proxy settings for each physical location.

What should you do?

- A. Create a new group for each department. Create a new GPO for each site. Create a new GPO for the domain and use the GPO to install the custom application.
- B. Create a new organizational unit (OU) for each department. Create a new GPO for each site and a new GPO for the domain. Create a GPO for one department OU and use the GPO to install the application.
- C. Create a new organizational unit (OU) for each department. Create a single GPO for all the sites and a new GPO for the domain. Create a single GPO for each department OU and use the GPO to install the custom application.
- D. Create a new child domain for each department. Create a new GPO for each site and a new GPO for each new child domain. Create a single GPO for all the new child domains and use the GPO to install the custom application.

**Correct Answer:** B

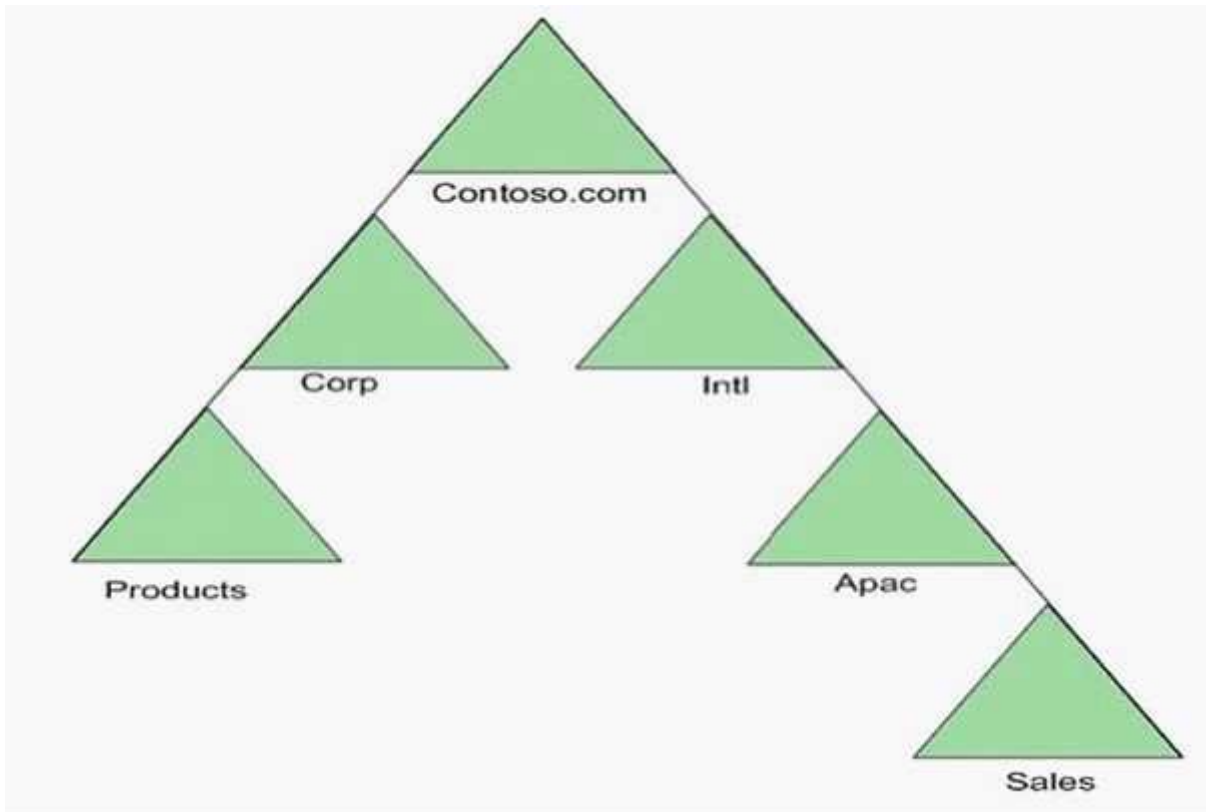
**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Your network consists of one Active Directory forest named contoso.com. The relevant portion of the network is configured as shown in the exhibit. (Click the Exhibit button.)



www.contoso.com

Users in the sales.apac.intl.contoso.com domain frequently access resources on the products.corp.contoso.com domain.

Users report slow access times when they access resources on the products.corp.contoso.com domain.

**You need to minimize access times when users access resources on the products.corp.contoso.com domain.**

What should you do?

- A. Create a realm trust.
- B. Create a shortcut trust.
- C. Create a new DNS application partition. Add the contoso.com zone to the application partition.
- D. Enable Universal Group Membership Caching for all Active Directory sites.

**Correct Answer: B**

**Section: Exam B**

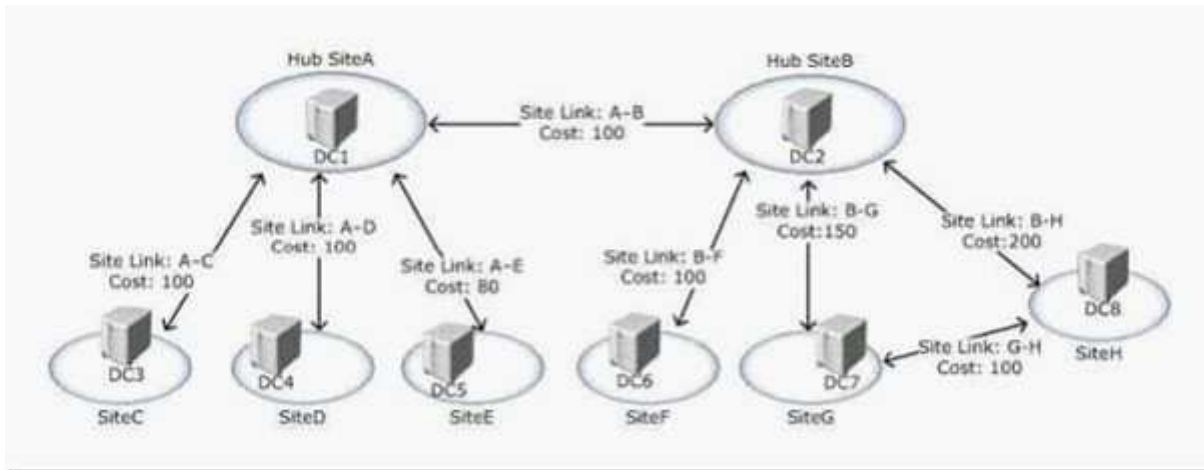
**Explanation**

**Explanation/Reference:**

### QUESTION 3

Your network consists of one Active Directory domain.

All domain controllers run Windows Server 2008 R2 and are configured as global catalog servers. The relevant portion of the network is configured as shown in the exhibit. (Click the Exhibit button.)



The Bridge all site links option is enabled.  
 You are designing a failover strategy for domain controller availability.

**You need to ensure that client computers in SiteH only authenticate to DC1 or DC2 if DC8 fails.**

What should you do?

- A. Change the B-H site link cost to 50.
- B. Remove the global catalog server attribute from DC3, DC4, DC5, DC6, DC7, and DC8.
- C. Disable the Bridge all site links option. In SiteB, install a new writable domain controller that runs Windows Server 2008 R2.
- D. Prevent DC3, DC4, DC5, DC6, DC7, and DC8 from registering generic (non-site-specific) domain controller locator DNS records.

**Correct Answer: D**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

#### QUESTION 4

Your company has a main office and nine branch offices. Each office is configured as a separate TCP/IP subnet.

You plan to deploy Active Directory domain controllers in all offices. You install the first domain controller for the forest in the main office.

**You need to prepare the environment for the deployment of domain controllers in all offices. The solution must ensure that users always authenticate to a domain controller in their local office, unless it is unavailable.**

What should you do?

- A. Create 10 subnet objects and one site object. Link all subnet objects to the site. Install domain controllers in all offices.
- B. Create a subnet object and a site object for each office. Link each subnet object to its respective site. Install domain controllers in all offices.
- C. Install domain controllers in all offices. Create 10 subnet objects and one site object. Link all subnet objects to the site.
- D. Install domain controllers in all offices. Create a subnet object and a site object for each office. Link each

subnet object to its respective Site.

**Correct Answer:** B

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

Your network consists of one Active Directory domain. The functional level of the domain is Windows Server 2008 R2.

Your company has 10 departments. Each department has a department manager and a department administrator. Some department administrators are responsible for multiple departments. You have an organizational unit (OU) named AllUsers that contains all user accounts.

**You need to recommend a solution to simplify the management of all users in the domain.**

**The solution must meet the following requirements:**

- Department managers must only be able to reset passwords for users in their respective departments.
- Department administrators must only be able to modify user accounts in their respective departments.
- Only the respective department administrators and managers must be able to manage the accounts of users who are transferred to their departments from other departments.

What should you recommend?

- A.
  - Create an Ou for each department.
  - Delegate password control for each new Ou to the respective department manager.
  - Delegate administration of each new OU to the respective department administrator.
- B.
  - Create an OU for each department.
  - When the same administrator is responsible for multiple departments, create only one OU for those departments.
  - Delegate password control for each new OU to the respective department manager.
  - Delegate administration of each new OU to the respective department administrator.
- C.
  - Create an OU for each department.
  - When the same administrator is responsible for multiple departments, create a new OU and nest the OUs of those departments into the new OU.
  - Delegate password control for each new OU to the respective to the respective department manager.
  - Delegate administration of each new OU to the respective department administrator.
- D.
  - Create a global security group for each department.
  - Add all the users, department managers, and administrators from each department to the global security group.
  - Delegate password control to the department managers of the AllUsers OU.
  - Delegate administration to the department administrators of the AllUsers OU.

**Correct Answer:** A

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

#### **QUESTION 6**

Your network consists of one Active Directory forest. The functional level of the forest is Windows Server 2003. You upgrade all domain controllers from Windows Server 2003 SP2 to Windows Server 2008 R2. You plan to deploy the first read-only domain controller (RODC) in the forest.

**You need to prepare the network for the installation of the RODC.**

What should you do?

- A. Run `adprep /rodcprep` on any computer in the forest.
- B. Run `adprep /forestprep` on the schema operations master server.
- C. Raise the forest functional level to Windows Server 2008 R2.
- D. Raise the domain functional level to Windows Server 2008 R2.

**Correct Answer: A**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

### **QUESTION 7**

Your network consists of one Active Directory domain. The functional level of the domain is Windows Server 2008 R2.

Your company has three departments named Sales, Marketing, and Engineering. All users in the domain are in an organizational unit (OU) named AllUsers.

You have three custom applications. You deploy all custom applications by using a Group Policy object (GPO) named AppInstall.

The Sales department purchases a new application that is only licensed for use by the Sales department.

**You need to recommend a solution to simplify the distribution of the new application.**

**The solution must meet the following requirements:**

- The application must only be distributed to licensed users.
- The amount of administrative effort required to manage the users must remain unaffected.
- The three custom applications must be distributed to all existing and new users on the network.

What should you recommend?

- A. Create a new child domain for each department and link the AppInstall GPO to each child domain. Create a new GPO. Link the new GPO to the Sales domain.
- B. Create a new child OU for each department. Link the AppInstall GPO to the Marketing OU and the Engineering OU. Create a new GPO. Link the new GPO to the Sales OU.
- C. Create a new group for each department and filter the AppInstall GPO to each group. Create a new GPO. Link the new GPO to the domain. Filter the new GPO to the Sales group.
- D. Create a new group for each department. Filter the AppInstall GPO to the Marketing group and the Engineering group. Create a new GPO. Link the new GPO to the domain. Filter the new GPO to the Sales group.

**Correct Answer: C**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

### **QUESTION 8**

Your company named Contoso, Ltd. and another company named Fabrikam, Inc. establish a partnership. The Contoso network consists of one Active Directory forest named contoso.com. The Fabrikam network consists of one Active Directory forest named fabnkam.com.

Users from contoso.com plan to share files with users from fabrikam.com.



**You need to prepare the environment so that users from contoso.com can protect confidential files from being copied or forwarded to unauthorized users.**

What should you do?

- A. Create a one-way forest trust from Contoso. Set the NTFS permissions to read-only for all confidential files.
- B. Create a one-way forest trust from Fabrikam. Set the NTFS permissions to read-only for all confidential files.
- C. Deploy Active Directory Federation Services (AD FS). Deploy Active Directory Rights Management Services (AD RMS).
- D. Deploy Active Directory Federation Services (AD FS). Publish the files by using Microsoft SharePoint Foundation 2010.

**Correct Answer: C**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

Your network consists of one Active Directory domain. All domain controllers run Windows Server 2008 R2.

**You need to deploy Active Directory Certificate Services on the network to support the following requirements:**

- Maintain availability if a single server fails.
- Delegate the enrollment of certificates for separate groups of users,
- Restrict the types of certificates that can be issued by a certificate manager.

What should you do?

- A. Deploy two servers that run Windows Server 2008 R2 Enterprise. Configure a failover cluster. Configure an enterprise certification authority (CA).
- B. Deploy two servers that run Windows Server 2008 R2 Enterprise. Configure a failover cluster. Configure a standalone root certification authority (CA).
- C. Deploy two servers that run Windows Server 2008 R2 Enterprise. Configure an enterprise root certification authority (CA) and a standalone subordinate CA.
- D. Deploy two servers that run Windows Server 2008 R2 Standard. Configure a standalone root certification authority (CA) and an enterprise subordinate CA.

**Correct Answer: A**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

Your network consists of one Active Directory domain. All domain controllers run either Windows Server 2008 R2 or Windows Server 2003 SP2. A custom application stores passwords in Active Directory. You plan to deploy read-only domain controllers (RODCs) on the network.

**You need to prevent custom application passwords from being replicated to the RODCs.**

What should you do?

- A. Upgrade the schema master to Windows Server 2008 R2. Configure a fine-grained password policy.
- B. Upgrade the infrastructure master to Windows Server 2008 R2. Mark the custom application password

attribute as confidential.

- C. Upgrade all domain controllers to Windows Server 2008 R2. Add the custom application password attribute to the RODC filtered attribute set and mark the attribute as confidential.
- D. Upgrade all domain controllers to Windows Server 2008 R2. Set the functional level of the forest and the domain to Windows Server 2008 R2. Configure a fine-grained password policy

**Correct Answer: C**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

### **QUESTION 11**

Your network contains two servers named Server1 and Server2. Server1 is a reverse proxy. Server2 runs Windows Server 2008 R2 and has the Web server (IIS) server role installed. Server2 hosts a secure Web site. You want users to connect to Server2 by using the https://www.contoso.com URL.

**You need to prepare the environment for the deployment of server certificates to meet the following requirements:**

- Users connecting from the local network must only connect directly to Server2.
- Users must be able to access the Web site on Server2 when they connect from the Internet or the internal network.

What should you do?

- A. Install a server certificate for the name www.contoso.com on Server1 and Server2.
- B. Install a server certificate for the name server.contoso.com on Server1 and Server2.
- C. Install a server certificate for the name server.contoso.com on Server1. Install a server certificate for the name www.contoso.com on Server2.
- D. Install a server certificate for the name www.contoso.com on Server1. Install a server certificate for the name server2.coritoso.com on Server2.

**Correct Answer: A**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

### **QUESTION 12**

Your company has one main office and four branch offices. Each branch office has a read-only domain controller (RODC).

The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 R2. Some branch office users work in a department named Sales. Sales department users must be able to log on to all computers in their respective branch offices, even if a wide area network (WAN) link fails.

**The company security policy has the following requirements:**

- User account passwords must be replicated to the minimum number of locations.
- A minimum number of passwords must be replicated to the branch office domain controllers

**You need to configure a password replication policy that supports the company security policy.**

What should you do?

- A. Install a writable domain controller in all branch offices. Create one global group that contains all Sales

department users. Create a fine-grained password policy and apply the policy to the group.

- B. Install a writable domain controller in all branch offices, Create one global group that contains the computers of all Sales department users. Add the group to the Allowed RODC Password Replication Group in the domain.
- C. Create one global group for each branch office that contain the Sales department users and computers in the corresponding branch office. Add all groups to Windows Authorization Access Group in the domain.
- D. Create one global group for each branch office that contains the Sales department users and computers in the corresponding branch office. Add each group to the Password Replication Policy in the corresponding branch office.

**Correct Answer:** D

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### **QUESTION 13**

You network consist of one Active Directory domain and three Network Information Services (NIS) domains. All domain controllers run Windows Server 2008 R2. All NIS domain servers run UNIX-based operating systems.

**You need to plan the integration of the Active Directory domain and the NIS domains.**

**The solution must meet the following requirements:**

- Minimize the Costs required to implement the solution.
- Minimize the number of additional Windows servers required.
- Provide centralized administration of Active Directory domain objects and NIS domain objects.

What should you include in your plan?

- A. Add the Server for Network Information Services role server.
- B. Install the subsystem for UNIX-based applications.
- C. Install Active Directory Federation Services (AD FS).
- D. Implement a Microsoft Forefront Identity Manager 2010 server.

**Correct Answer:** A

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### **QUESTION 14**

Your company has a main office and 10 branch offices.

The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 R2 and are located in the main office.

Each branch office contains one member server. Branch office administrators in each branch office are assigned the necessary rights to administrators only their member servers. You deploy one read-only domain controller (RODC) in each branch office.

**You need to recommend a security solution for the branch office Windows Server 2008 R2 domain controllers.**

**The solution must meet the following requirements:**

- Branch office administrators must be granted rights on their local domain controller only.
- Branch office administrators must be able to administer the domain controller in their branch office. This

includes changing device drivers and running Windows updates.

What should you recommend?

- A. Add each branch office administrator to the Administrators group of the domain.
- B. Add each branch office administrator to the local Administrators group of their respective domain controller.
- C. Grant each branch office administrator Full Control permission on their domain controller computer object in Active Directory.
- D. Move each branch office domain controller computer object to a new organizational unit (OU). Grant each local administrator Full Control permission on the new OU.

**Correct Answer:** B

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

#### **QUESTION 15**

Your network contains servers that run Windows Server 2008 R2 and client computers that run Windows 7. You deploy a public key infrastructure by using Certificate Services servers that run Windows Server 2008 R2.

**You need to plan the implementation of smart card authentication on the network.**

**The solution must meet the following requirements:**

- Help desk users must only be able to enroll user certificates.
- Managers must be able to enroll smartcards for other employees.
- Managers must be able to use their client computers to manage certificates.

What should you include in your plan?

- A. Enable Web enrollment.
- B. Configure Restricted Enrollment Agents.
- C. Upgrade all certificates to V3 templates.
- D. Configure Restricted Certificate Managers.

**Correct Answer:** B

**Section:** Exam B

**Explanation**

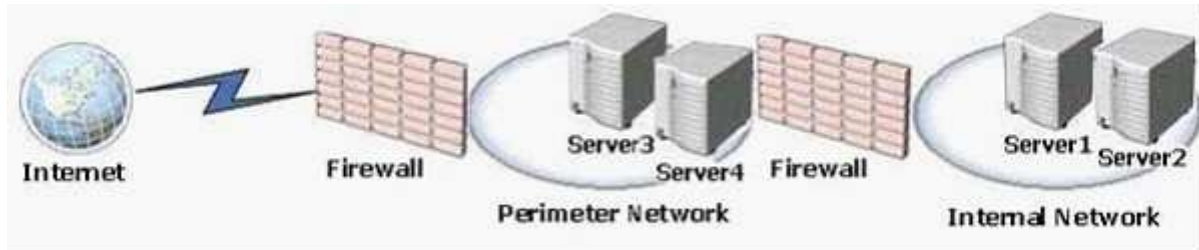
**Explanation/Reference:**

#### **QUESTION 16**

Your network consists of one Active Directory domain that contains servers that run Windows Server 2008 R2. The relevant servers are configured as shown in the following table.

Server name	Installed service	Role	Domain member
Server1	Active Directory	Domain controller	Yes
Server2	Active Directory Certificate Services (AD CS)	Root certification authority	Yes
Server3	Internet Information Services (IIS)	Web Server	No
Server4		Unassigned	No

The relevant portion of the network is shown in the exhibit. (Click the Exhibit button.)



Server3 hosts a secure Web site. You want remote users to access the secure Web site by using a Secure Socket Layer (SSL) connection thru the Internet. A server certificate issued by Server2 is installed on Server3.

**You need to recommend a solution that will enable the distribution of certificates to the remote users.**

**The solution must meet the following requirements:**

- the certification authority must be automatically trusted.
- Remote users connecting to Server3 must use client certificates issued by Server4.
- A minimum amount of TCP/IP ports must be opened on the firewall that connects the perimeter network and the internal network

Which certification authority should you recommend installing on Server4?

- A. enterprise root
- B. enterprise subordinate
- C. standalone root
- D. standalone subordinate

**Correct Answer: D**

**Section: Exam B**

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Your network consists of one Active Directory domain that contains only domain controllers that run Windows Server 2008 R2. All domain controllers run DNS and DHCP services. All DNS zones are standard primary zones.

**You need to plan a solution that allows administrators to perform routine maintenance on domain controllers.**

**The solution must meet the following requirements:**

- Minimize server downtime.

- Maximize the availability of DNS and DHCP services.

What should you do?

- A. Instruct server administrators to run ntdsutil.
- B. Instruct server administrators to stop the NTDS service.
- C. Instruct server administrators to stop the Netlogon service.
- D. Instruct server administrators to restart the servers in Directory Services Restore Mode (DSRM).

**Correct Answer:** B

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### QUESTION 18

Your network consists of one Active Directory domain. All servers run Windows Server 2008 R2. You plan to publish a Web site on two Web servers.

**You need to recommend a solution for the deployment of the two Web servers.**

**The solution must provide the following requirements:**

- Session-state information for all users
- Access to the Web site if a single server fails
- Scalability to as many as seven Web servers
- Support for multiple dedicated IP addresses for each Web server

what should you recommend?

- A. Install failover clustering on each Web server.
- B. Install Network Load Balancing on each Web server.
- C. Assign multiple bindings in Internet Information Services (IIS).
- D. Create managed handler mappings in Internet Information Services (IIS).

**Correct Answer:** B

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### QUESTION 19

Your company has three offices. Each office contains servers that run Windows Server 2008 R2. The servers are configured as file servers.

Users regularly travel between offices and require access to corporate data stored on file servers in their home offices.

**You need to plan a data access policy for the users. The solution must ensure that users can access corporate data from a local server when they are traveling.**

What should you include in your plan?

- A. On all servers, install and configure Distributed File System (DFS).
- B. On all servers install and configure the File Server Resource Manager (FSRM) and the File Replication Service (FRS).

- C. On one server, install and configure the File Server Resource Manager (FSRM). On the other two servers, install and configure the File Replication Service (FRS).
- D. On one server, install and configure Distributed File System (DFS). On the other two servers, install and configure the Background Intelligent Transfer Service (BITS).

**Correct Answer:** A

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

#### **QUESTION 20**

Your network consists of one Active Directory domain. All servers run Windows Server 2008 R2.

**You need to implement a storage management policy for failover clustering that uses storage area network (SAN)-based storage.**

**The solution must support the following requirements:**

- Maintain disk space usage information
- Quota tracking by folder or by volume
- Email notifications when users exceed their quota limits.

What should you do?

- A. Use the File Server Resource Manager (FSRM).
- B. Create and deploy NTFS file system disk quotas.
- C. Install and configure the Storage Manager for SANs.
- D. Use the Performance Monitor.

**Correct Answer:** A

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

#### **QUESTION 21**

Your company has one main office and one new branch office. The network consists of one Active Directory domain. The domain contains one domain controller that runs Windows Server 2008 R2. You create a new organizational unit (OU) that contains all the computer accounts for the new office. You configure a server in the main office to test and approve all new software updates. You configure Microsoft Windows Server Update Services (WSUS) to deploy all approved updates to the environment.

**You need to recommend a patch management solution for the new branch office that meets the following requirements:**

- Ensures that only updates approved by main office administrators are installed.
- Reduces the amount of network bandwidth used to download updates from Microsoft Update.

What should you recommend?

- A. In the main office, install and configure a WSUS server as a replica server. Configure a Group Policy for the OU so that all computers receive updates from the new WSUS server.
- B. In the main office, install and configure a WSUS server as a stand-alone server. Configure a new Group Policy for the OU so that all computers receive updates from the new WSUS server.
- C. In the new branch office, install and configure a WSUS server as a stand-alone server. Configure a Group Policy for the OU so that all computers receive updates from the new WSUS server.

D. In the new branch office, install and configure a WSUS server as a replica server. Configure a Group Policy for the OU so that all computers receive updates from the new WSUS server.

**Correct Answer:** D

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### QUESTION 22

Your company has a main office and a new branch office. The network consists of one Active directory domain.

The branch office contains two member servers that run Windows Server 2008 R2.

One of the servers is configured as a file server that hosts shared folders.

An administrator in the branch office is responsible for maintaining the servers.

You have a single DNS zone that is hosted on a DNS server located in the main office. A wide area network (WAN) link between the branch office and the main office is unreliable.

**You need to recommend a network services solution for the new branch office.**

**The solution must meet the following requirements:**

- Users must be able to log on to the domain if a WAN link fails.
- Users must be able to access file shares on the local server if a WAN link fails.
- Branch office administrators must be prevented from initiating changes to Active Directory.
- Branch office administrators must be able to make configuration changes to the servers in the branch office.

What should you recommend?

- A. Promote the member server to a domain controller and add the branch office administrators to the Domain Admins group.
- B. Promote the member server to a read-only domain controller (RODC) and add the branch office administrators to the Domain Admins group.
- C. Promote the member server to a read-only domain controller (RODC) and configure the DNS role. Delegate administrative rights to the local branch office administrator.
- D. Promote the member server to a domain controller and configure the DNS role. Create an organizational unit (OU) for each branch office and delegate administrative rights to the local branch office administrator.

**Correct Answer:** C

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

### QUESTION 23

Your network consists of one Active Directory forest that contains one root domain and two child domains. All domain controllers run Windows Server 2008 R2. A domain controllers run the DNS Server service and host Active Directory-integrated zones.

You design a name resolution solution to support single-label names.

**You need to prepare the environment to support single-label name resolution across the entire forest.**

What should you do?

- A. Deploy a GlobalNames zone.
- B. Deploy stub zones in each child domain.



- C. Configure conditional forwarders in each child domain.
- D. Configure A.A.AA resource records in the parent domain.

**Correct Answer:** A

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

**QUESTION 24**

Your company has a main office and two branch offices. The network contains one Active Directory domain named contoso.com.

All domain controllers and DNS servers for the contoso.com domain are located in the main office. All DNS servers are member servers.

You plan to deploy two new Active Directory domains named east.contoso.com and west.contoso.com in the branch offices.

You install a DNS server in each branch office.

**You need to prepare the environment for the installation of the new domains.**

What should you do next?

- A. Create a new standard primary zone on each branch office DNS server for the new domains. Configure forwarders on the main office DNS servers to point to the branch office servers.
- B. Create a new stub zone on each branch office DNS server for the new domains. Configure conditional forwarders on the main office DNS servers to point to the branch office DNS servers.
- C. Configure a delegation subdomain DNS record on the main office DNS server for each new domain. Configure a stub zone on each branch office DNS server for the new domains. Configure zone transfer for the contoso.com zone to the branch office DNS servers.
- D. Configure a delegation subdomain DNS record on the main office DNS server for each new domain. Create a new standard primary zone on each branch office DNS server for the new domains. Configure zone transfer for the contoso.com zone to the branch office DNS servers.

**Correct Answer:** D

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

Your network consists of one Active Directory domain. The domain contains servers that run Windows Server 2008 R2. The relevant servers are configured as shown in the following table.

Server name	Installed services
Server1	Active Directory Domain Services (AD DS)
Server2	Remote Desktop Services

Your company has a department named Sales. All client computers in the Sales department run Windows 7 and use an application named Application1. Application1 uses a dynamic-link library (DLL) named Salesapp.dll. You plan to deploy a new application named Application2 that uses a different version of Salesapp.dll. During testing, administrators report that Application2 causes Application1 to fail when both applications run on the same computer.

**You need to ensure that users can run both applications successfully on the same computer.**

What should you do?

- A. On Server1, create and link a Group Policy object (GPO) that publishes Application2 to all users in the Sales department.
- B. On Server1, create and link a Group Policy object (GPO) that assigns Application2 to all computers in the Sales department.
- C. On Server2, install Application1 and Application2. Configure all computers in the Sales department to run the applications by using RemoteApp.
- D. On Server2, install Application2 and configure all computers in the Sales department to run the application by using RemoteApp.

**Correct Answer:** D

**Section:** Exam B

**Explanation**

**Explanation/Reference:**

## Exam C

### QUESTION 1

Your network consists of one Active Directory domain.

Your company has a department named Sales. Some employees in the Sales department work from home and require access to applications and file servers on the corporate network.

**The corporate security policy includes the following requirements:**

- Remote computers must only connect to the network by using Secure Socket Layer (SSL).
- Computers that connect to the network must have an up-to-date antivirus application and all available security updates installed.

**You need to plan a remote access solution for the Sales department employees.**

What should you include in your plan?

- A. Configure a virtual private network (VPN) solution that uses PPTP.
- B. Configure a virtual private network (VPN) solution that uses L2TP.
- C. Configure a Remote Desktop Services solution that uses Remote Desktop Gateway (RD Gateway).
- D. Configure a Remote Desktop Services solution that uses Remote Desktop Web Access (RD Web Access).

**Correct Answer: C**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Your network consists of one Active Directory domain. All domain controllers run Windows Server 2008.

The functional level of the domain is Windows Server 2003.

You have one Terminal Services licensing server that runs Windows Server 2008 and three terminal servers that run Windows Server 2008.

You plan to deploy a new Remote Desktop Services server that runs Windows Server 2008 R2.

**You need to plan a solution that enables reporting for all Terminal Services client access licenses (TS CALs).**

What should you include in your plan?

- A. Upgrade the licensing server to Windows Server 2008 R2.
- B. Upgrade all domain controllers to Windows Server 2008 R2.
- C. Upgrade the three terminal servers to Windows Server 2008 R2.
- D. Raise the functional level of the domain to Windows Server 2008 R2.

**Correct Answer: A**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

### QUESTION 3

Your network consists of one Active Directory domain

Your company uses a firewall to connect to the Internet. Inbound TCP/IP port 443 is allowed on the firewall.

You have Remote Desktop Services servers on the internal network. You have one server on the internal

network that has Remote Desktop Gateway (RD Gateway) deployed. All servers run Windows Server 2008 R2.

**You need to recommend a solution that enables remote users to access network resources by using RD Gateway.**

What should you recommend?

- A. Change the firewall rules to permit traffic through port 3389 from the Internet.
- B. Install the Remote Desktop Services server role with the Remote Desktop Web Access (RD Web Access) services role.
- C. Install the Remote Desktop Services server role with the Remote Desktop Connection Broker (RD Connection Broker) services role.
- D. Create a Remote Desktop connection authorization policy (RD CAP) and a Remote Desktop resource authorization policy (RD RAP).

**Correct Answer: D**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 4**

Your network consists of one Active Directory forest named contoso.com.

The functional level of the contoso.com forest is Windows Server 2008.

The network contains seven servers that run Internet Information Services (IIS) 7.0 and host Web services.

Remote users from a partner company access the Web services through HTTPS. The partner company has a separate Active Directory forest named fabrikam.com. The functional level of the fabrikam.com forest is Windows Server 2003.

**You need to recommend an authentication solution for the fabrikam.com users.**

**The solution must meet the following requirements:**

- All communications between both forests must use only HTTPS.
- Remote users must only authenticate once to access all Web services.
- Users from fabrikam.com must access the Web services by using user accounts in the fabrikam.com forest.

What should you recommend?

- A. Implement Client Certificate Mapping Authentication on the IIS servers.
- B. Implement Microsoft Identity Lifecycle Manager (ILM) 2007 on the contoso.com forest.
- C. Implement a forest trust between the contoso.com and the fabrikam.com forests. Configure the forest trust to use Selective Authentication.
- D. Implement Active Directory Federation Services (AD FS) in the contoso.com forest. Create a federation trust between the contoso.com forest and the fabrikam.com forest.

**Correct Answer: D**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

Your network consists of one Active Directory domain named contoso.com.

The domain contains three Windows Server 2008 servers named Server1, Server2, and Server3.

Server1 runs Active Directory Certificate Services (AD CS) and is configured as an enterprise root certification

authority.

Server2 hosts an internal Web site. Users currently connect to the Web site by using the URL https://server2.contoso.com.

You plan to replicate the Web site from Server2 to Server3.

**You need to recommend a solution to enable users to connect to the Web site through HTTPS on either Server2 or Server3 by using a single URL.**

**The solution must meet the following requirements:**

- Users must be able to use the https://www.contoso.com URL to connect to the Web site.
- Incoming connections must be dynamically balanced between Server2 and Server3.

What should you recommend?

- A. Add both servers to a Network Load Balancing cluster. Export the Web server certificate on Server2 to Server3.
- B. Add both servers to a failover cluster. Issue a Web server certificate for www.contoso.com. Install the certificate on Server2.
- C. Add both servers to a Network Load Balancing cluster. Issue a Web server certificate for www.contoso.com. Install the certificate on Server2 and Server3.
- D. Add both servers to a failover cluster. Issue a Web server certificate for server2.contoso.com and install the certificate on Server2. Issue a Web server certificate for server3.contoso.com and install the certificate on Server3.

**Correct Answer: C**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 6**

Your company has a main office and 10 branch offices. The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 and are located in the main office.

**You need to plan the deployment of one Windows Server 2008 domain controller in each branch office.**

**The solution must meet the following requirements:**

- Branch office domain controllers must be able to log users on to the domain.
- Branch office domain controllers must be able to store the passwords of only some domain users.
- Users must be able to download Group Policy objects (GPOs) from the branch office domain controllers.

What should your plan include?

- A. Install Active Directory Lightweight Directory Services (AD LDS).
- B. Install Active Directory Domain Services (AD DS) on a Server Core installation of Windows Server 2008.
- C. Install Active Directory Domain Services (AD DS). Select the read-only domain controller (RODC) option during installation.
- D. Install Active Directory Domain Services (AD DS). Create a new Password Settings object (PSO). Link the PSO to user objects in the respective branch office.

**Correct Answer: C**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

**QUESTION 7**

Your company has a main office and 100 branch offices. The network consists of one Active Directory domain that contains 10,000 users. You plan to deploy one Windows Server 2008 domain controller in each branch office.

**You need to recommend a solution to minimize network traffic during the installation of Active Directory Domain Services (AD DS) on each branch office domain controller.**

What should you recommend?

- A. Install AD DS by using the Install from Media feature.
- B. Install AD DS and configure the read-only domain controller (RODC) option.
- C. Install a Server Core installation of Windows Server 2008, and then install AD DS.
- D. Disable the Global Catalog option on each branch office domain controller. Enable Universal Group Membership Caching from each branch office site.

**Correct Answer: A**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

**QUESTION 8**

Your network consists of one Active Directory domain that contains only domain controllers that run Windows Server 2003. Your company acquires another company.

**You need to provide user accounts for the employees of the newly acquired company. The solution must support multiple account lockout policies.**



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What should you do?

- A. Implement Authorization Manager.
- B. Implement Active Directory Federation Services (AD FS).
- C. Upgrade one domain controller to Windows Server 2008. Raise the functional level of the domain to Windows Server 2003.
- D. Upgrade all domain controllers to Windows Server 2008. Raise the functional level of the domain to Windows Server 2008.

**Correct Answer: D**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

**QUESTION 9**

Your company has a main office and a branch office. Your network consists of one Active Directory domain. All domain controllers run Windows Server 2008.

**You need to plan the installation of a new server as a read-only domain controller (RODC) in the branch office.**

**The plan must meet the following requirements:**

- A branch office user must complete the RODC installation.
- The branch office user must only be a member of only the Domain Users security group.

What should you do first?

- A. Create an installation media by using ntdsutil.
- B. Instruct the user to join the new server to the domain.
- C. Pre-create a read-only domain controller (RODC) account for the branch office server.
- D. Create an organizational unit (OU) for the branch office. Delegate full control of the OU to the branch office user.

**Correct Answer: C**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

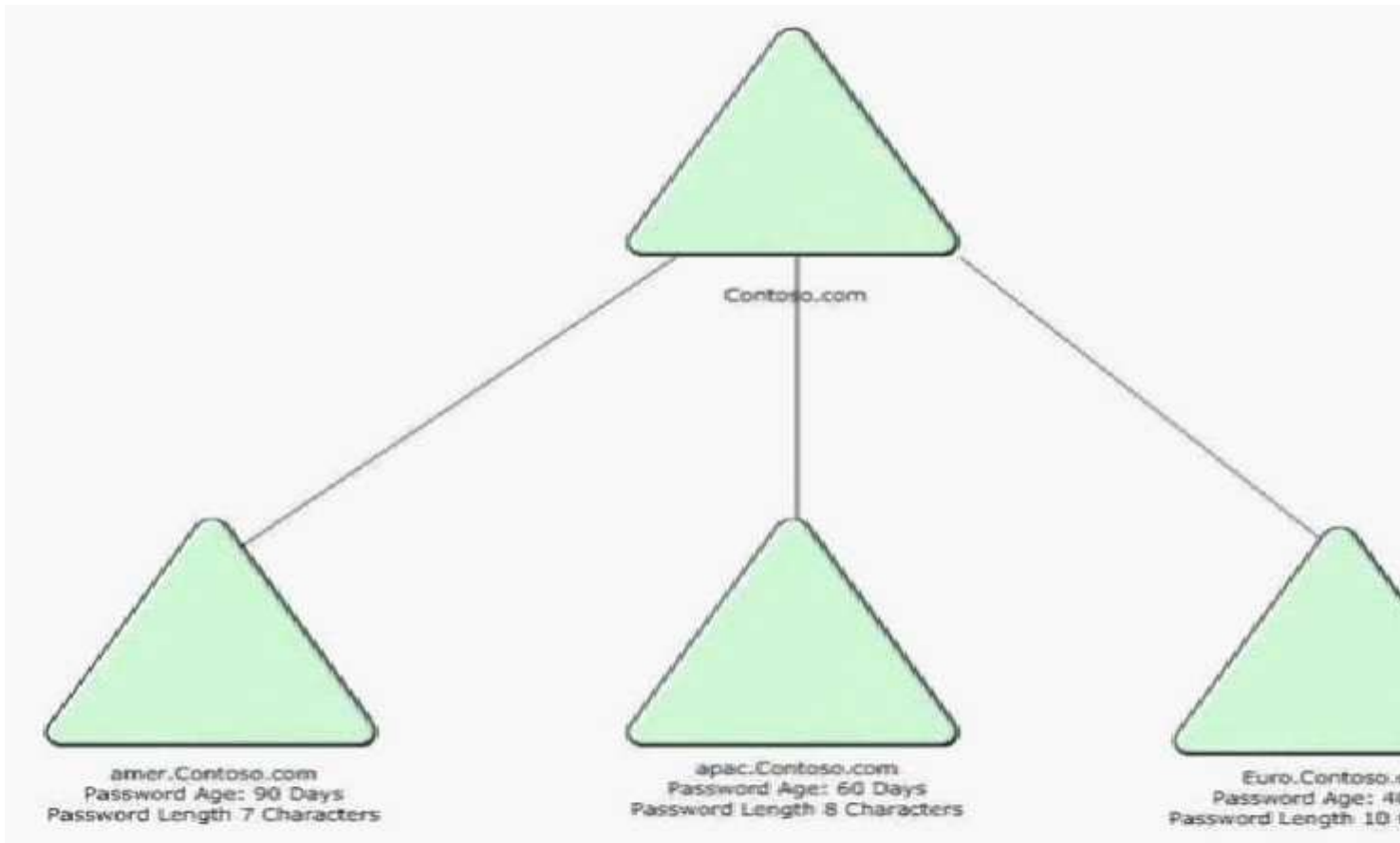
Your network contains one Active Directory forest that has a root domain and three child domains. All domain controllers run Windows Server 2003 Service Pack 1 (SP1). Each domain has a different password policy. The domain is configured as shown in the exhibit. You plan to reduce the number of domains in the forest.

**You need to plan the restructuring of the forest to meet the following requirements:**

- Maintain all existing password policies.
- Maintain all existing user account attributes.

What should you include in your plan?

Exhibit:



- A. Upgrade all domains to Windows Server 2008. Redirect the users container in the root domain by using the `redirusr.exe` tool, and then remove the child domains. Enable fine-grained password policies.
- B. Upgrade all domains to Windows Server 2008 and enable SID history. Move all user accounts from the child domains to the root domain by using the `movetree.exe` tool, and then remove the child domains.
- C. Upgrade the forest root domain to Windows Server 2008. Use the Active Directory Migration Tool (ADMT) to migrate user accounts that contain SID history from the child domains to the forest root domain. Remove the child domains.
- D. Upgrade the forest root domain to Windows Server 2008. Use the Active Directory Migration Tool (ADMT) to migrate user accounts from the child domains to the forest root domain, and then remove the child domains. Enable fine-grained password policies.

**Correct Answer:** D

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

#### QUESTION 11

Your company has a main office, three regional offices, and six branch offices. The network links are configured as shown in the exhibit.

The network consists of one Active Directory domain.

You create an Active Directory site for each office. You create a site link for each wide area network (WAN) link. The Bridge all site links option is disabled.

**You need to plan the deployment of domain controllers.**

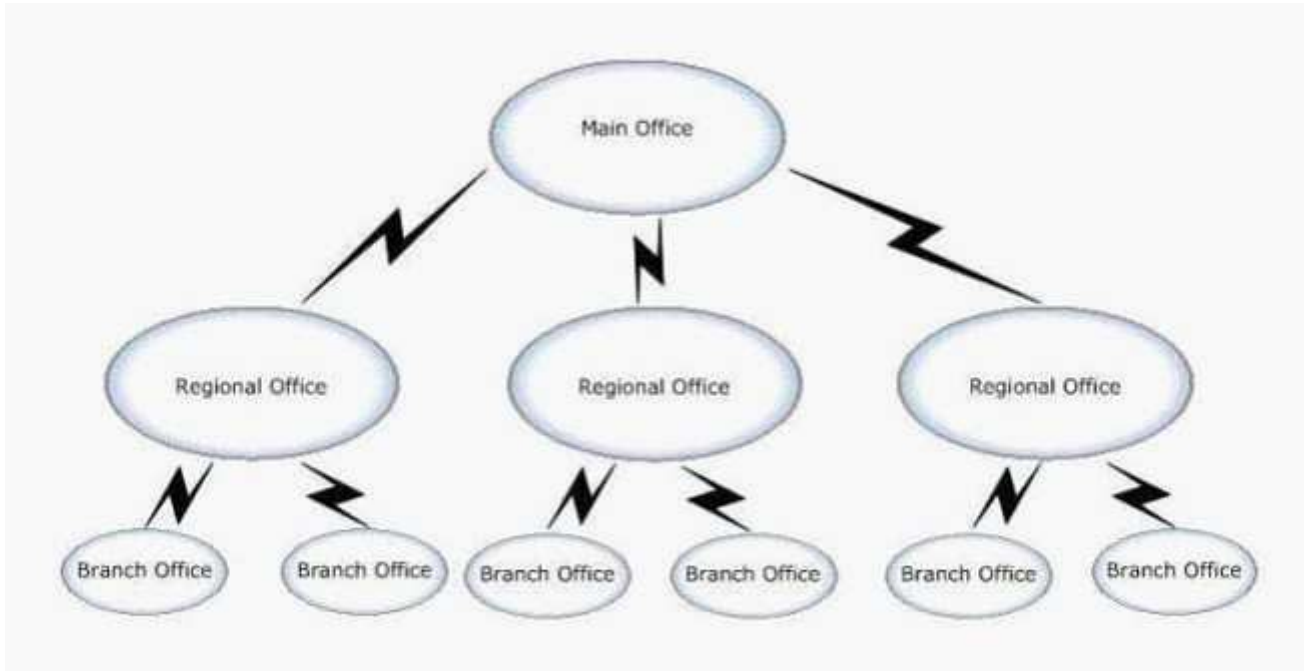


**The solution must meet the following requirements.**

- Windows PowerShell must be installed on all domain controllers in each regional office.
- Domain user account passwords stored on the domain controllers must be protected if a branch office domain controller is stolen.

What should you do?

Exhibit:



- A. In each branch office and in each regional office, install a Server Core installation of Windows Server 2008 and configure a writable domain controller.
- B. In each branch office and in each regional office, install a full installation of Windows Server 2008 and configure a read-only domain controller (RODC).
- C. In each branch office, install a Server Core installation of Windows Server 2008 and configure a read-only domain controller (RODC). In each regional office, install a full installation of Windows Server 2008 and configure a writable domain controller.
- D. In each branch office, install a full installation of Windows Server 2008 and configure a read-only domain controller (RODC). In each regional office, install a Server Core installation of Windows Server 2008 and configure a writable domain controller.

**Correct Answer:** C

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

**QUESTION 12**

Your company has a main office and 10 branch offices. The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 and are located in the main office. Each branch office contains one member server. Branch office administrators in each branch office are assigned the necessary rights to administer only their member servers. You deploy one read-only domain controller (RODC) in each branch office.

**You need to recommend a security solution for the branch office Windows Server 2008 domain controllers.**

**The solution must meet the following requirements:**

- Branch office administrators must be granted rights on their local domain controller only.
- Branch office administrators must be able to administer the domain controller in their branch office. This includes changing device drivers and running Windows updates.

What should you recommend?

- A. Add each branch office administrator to the Administrators group of the domain.
- B. Add each branch office administrator to the local Administrators group of their respective domain controller.
- C. Grant each branch office administrator Full Control permission on their domain controller computer object in Active Directory.
- D. Move each branch office domain controller computer object to a new organizational unit (OU). Grant each local administrator Full Control permission on the new OU.

**Correct Answer: B**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 13**

Your company has four offices that are connected by using high speed wide area network (WAN) links. Each office has a router that supports the Simple Certificate Enrollment Protocol (SCEP).

The network consists of one Active Directory domain. All domain controllers run Windows Server 2008. You have a Certificate Services infrastructure.

The Certificate Services servers run Windows Server 2003 Standard Edition. You plan to enable device authentication for all routers.

**You need to recommend changes to the Certificate Services infrastructure to support device authentication.**

Which changes should you recommend?

- A. Install a new server that runs Windows Server 2008 Enterprise Edition. Enable the Active Directory Certificate Services (AD CS) role.
- B. Install a new server that runs Windows Server 2008 Standard Edition. Install the Network Protection and Access Services (NPAS) role.
- C. Upgrade the existing Certificate Services servers to Windows Server 2008 Standard Edition. Enable the Web enrollment component.
- D. Upgrade the existing Certificate Services servers to Windows Server 2008 Enterprise Edition. Enable the Network Device Enrollment service.

**Correct Answer: D**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 14**

Your network consists of two Active Directory forests. The Active Directory forests are configured as shown in the following table:

Forest name	Forest functional level	Domain name	Domain functional level
contoso.com	Windows Server 2008	contoso.com	Windows Server 2008
		company1.contoso.com	Windows Server 2008
fabrikam.com	Windows Server 2003	fabrikam.com	Windows Server 2003
		company2.fabrikam.com	Windows Server 2008

The contoso.com and fabrikam.com domains each contain one server that runs Active Directory Federation Services (AD FS).

Users in the company1.contoso.com domain require access to an application server in the company2.fabrikam.com domain.

The application server is configured to allow only Kerberos authentication.

**You need to ensure that users in the company1.contoso.com domain can access the application server in the company2.fabrikam.com domain.**

What should you do first?

- A. Create a forest trust between the contoso.com forest and the fabrikam.com forest.
- B. Create an external trust between the contoso.com domain and the fabrikam.com domain.
- C. Create an AD FS federation trust between the contoso.com forest and the fabrikam.com forest.
- D. Create an external trust between the company1.contoso.com domain and the company2.fabrikam.com domain.

**Correct Answer: A**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

#### QUESTION 15

Your network consists of one Active Directory domain. All domain controllers run Windows Server 2003.

The functional level of the forest is Windows 2000.

The functional level of the domain is Windows 2000 mixed.

You install a domain controller that runs Windows Server 2008.

**You plan to deploy a read-only domain controller (RODC). You need to modify the domain and forest functional levels to support the installation of the RODC.**

What should you do?

- A. Set the domain functional level to Windows 2003 and the forest functional level to Windows 2000 native.
- B. Set the domain functional level to Windows 2003 and the forest functional level to Windows 2003.
- C. Set the domain functional level to Windows 2008 and the forest functional level to Windows 2003.
- D. Set the domain functional level to Windows 2008 and the forest functional level to Windows 2008.

**Correct Answer: B**

**Section: Exam C**

## Explanation

### Explanation/Reference:

#### QUESTION 16

Your network consists of one Active Directory domain that contains servers that run Windows Server 2008. The relevant servers are configured as shown in the following table:

Server name	Installed services	Role
Server1	Active Directory Domain Services (AD DS)	Domain controller
Server2	Active Directory Certificate Services (AD CS) Internet Information Services (IIS)	Certification authority (CA)

All client computers are members of the domain and run Windows Vista. All users have accounts in the domain.

**You need to recommend a solution that enables all client computers to automatically request and install computer certificates.**

What should you recommend?

- A. On Server2, implement the Network Device Enrollment Service.
- B. On Server2, implement certification authority Web enrollment support.
- C. On Server1, enable auto-enrollment in the User Configuration section of the Default Domain Policy.
- D. On Server1, enable auto-enrollment in the Computer Settings section of the Default Domain Policy.

**Correct Answer: D**

**Section: Exam C**

**Explanation**

### Explanation/Reference:

#### QUESTION 17

Your company has one main office and eight branch offices. Each branch office has 200 client computers and a local administrator. The network consists of one Active Directory domain. All domain controllers run Windows Server 2008. You plan to deploy domain controllers to the branch office locations.

**You need to plan an administration solution for the branch offices that meets the following requirements:**

- Branch office administrators must be able to update drivers on their respective branch office domain controllers.
- Branch office administrators must be able to log on only to domain controllers in their respective branches.

What should you include in your plan?

- A. Deploy a Windows Server 2008 read-only domain controller (RODC) in each branch office. Assign the Administrators role for the RODC to the branch office administrators.
- B. Deploy a Windows Server 2008 read-only domain controller (RODC) in each branch office. Assign the Network Configuration Operators role for the RODC to the branch office administrators.

- C. Deploy a domain controller that runs a Server Core Installation of Windows Server 2008 in each branch office. Add the branch office administrator to the Server Operators domain local group.
- D. Deploy a domain controller that runs a Server Core Installation of Windows Server 2008 in each branch office. Add the branch office administrator to the Administrators domain local group.

**Correct Answer:** A

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

Your network consists of one Active Directory forest that contains 20 domain trees.

All DNS servers run Windows Server 2008.

The network is configured as an IPv4 network.

Users connect to network applications in all domains by using a NetBIOS name.

You plan to migrate to an IPv6-enabled only network.

**You need to recommend a solution to migrate the network to IPv6. The solution must not require any changes to client computers.**

What should you recommend?

- A. On the DNS servers, configure GlobalNames zones.
- B. On the DNS servers, add all domain zones to the ForestDNSZones partition.
- C. On a new server, install and configure a Windows Server 2008 WINS server.
- D. On a new server, install and configure a Windows Server 2003 WINS server.

**Correct Answer:** A

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

**QUESTION 19**

Your network consists of one Active Directory domain.

The domain contains servers that run Windows Server 2008.

The relevant servers are configured as shown in the following table:

Server name	Installed services
Server1	Active Directory Domain Services (AD DS)
Server2	Microsoft System Center Virtual Application Server (SCVAS)
Server3	Terminal Services

You install an application named Application1 on Server3. User-specific settings for the application are stored in a configuration file named Application1.ini.

When multiple users run Application1 concurrently, Application1.ini is overwritten and the application fails.



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**You need to recommend a solution that enables users to successfully run Application1 on Server3.**

What should you recommend?

- A. On Server3, deploy Terminal Services Session Broker (TS Session Broker).
- B. On Server2, stream a SoftGrid application package containing Application1 to Server3.
- C. On Server3, configure Application1 as a Terminal Services RemoteApp (TS RemoteApp).
- D. On Server1, create and link a Group Policy object (GPO) to publish Application1 to all users who establish a Terminal Services session on Server3.

**Correct Answer: B**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

**QUESTION 20**

Your network consists of a single IP subnet.  
All servers and client computers connect to managed switches.  
All servers run Windows Server 2008.  
All client computers run Windows Vista.

**The servers on the network are configured as shown in the following table:**

Server name	Installed services
Server1	Active Directory Domain Services (AD DS) Active Directory Certificate Services (AD CS) DHCP
Server2	Routing and Remote Access Services (RRAS) Network Policy Service (NPS) Health Registration Authority (HRA) Microsoft System Center Configuration Manager 2007 (SCCM)
Server3	File Services Microsoft Windows SharePoint Services (WSS)

**You need to prepare the Network Access Protection (NAP) environment to meet the following requirements:**

- Computers that have the required Microsoft updates installed must be able to access all computers on the network.
- Network switches must first allow client computers to communicate to only Server1 and Server2 when the computers connect to the network.

**Which NAP enforcement method should you use?**

- A. 802.1x
- B. DHCP

- C. IPsec
- D. VPN

**Correct Answer:** A

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

#### QUESTION 21

Your network consists of one Active Directory domain. The domain contains servers that run Windows Server 2008.

The servers are configured as shown in the following table:

Server name	Server role
Server1	Network Policy and Access Services (NPAS)
Server2	Microsoft Windows SharePoint Services (WSS)
Server3	File Services

All client computers run Windows Vista Service Pack 1 (SP1).

Remote domain users at a customer site report that they can access Server2 from the Internet by using the URL <https://portal.contoso.com>.

They also report that a firewall at the customer site prevents all other outbound connections.

**You need to implement a solution to enable remote users to access files on Server3 from a VPN connection.**

**Which connection should you enable on Server1?**

- A. IPsec Tunnel mode
- B. L2TP
- C. PPTP
- D. Secure Socket Tunneling Protocol (SSTP)

**Correct Answer:** D

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

#### QUESTION 22

Your network consists of one Active Directory domain. All domain controllers run Windows Server 2003. The functional level of the domain is Windows 2000 native. You have one Terminal Services licensing server that runs Windows Server 2003 and three terminal servers that run Windows Server 2003.

**You plan to deploy a new terminal server that runs Windows Server 2008. You need to plan a solution that enables reporting for all Terminal Services client access licenses (TS CALs).**

What should you include in your plan?

- A. Upgrade the licensing server to Windows Server 2008.
- B. Upgrade all domain controllers to Windows Server 2008.
- C. Upgrade the three terminal servers to Windows Server 2008.

D. Raise the functional level of the domain to Windows Server 2003.

**Correct Answer:** A

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

### QUESTION 23

Your network consists of one Active Directory domain. Your company has an intranet. You deploy Terminal Services terminal servers that run Windows Server 2008. You plan to make applications available to users on the intranet.

**You need to recommend a solution to ensure that each user session receives an equal share of the CPU resources on the terminal servers.**

What should you recommend?

- A. Install and configure the Network Load Balancing feature on all terminal servers.
- B. Install and configure the Terminal Services server role with the Terminal Services Session Broker (TS Session Broker) services role on all terminal servers.
- C. Install the Windows System Resource Manager (WSRM) feature on all terminal servers. Set the resource-allocation policy.
- D. Install the Network Policy and Access Services (NPAS) server role on another server. Define and apply a new policy by using Network Policy Server (NPS).

**Correct Answer:** C

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

### QUESTION 24

Your network consists of one Active Directory domain. The domain contains four servers that run Windows Server 2008.

**The relevant servers are configured as shown in the following table:**

Server name	Installed services
Server1	Active Directory Domain Services (AD DS)
Server2	Terminal Services
Server3	Microsoft System Center Virtual Application Server (SCVAS)
Server4	Microsoft System Center Configuration Manager (SCCM)

Your company has a department named Sales.

All client computers in the Sales department run Windows Vista and use an application named Application1.

Application1 uses a dynamic-link library (DLL) named Salesapp.dll.

You plan to deploy a new application named Application2 that uses a different version of Salesapp.dll.

During testing, administrators report that Application2 causes Application1 to fail when both applications run on the same computer.

**You need to ensure that users can run both applications successfully on the same computer. The solution must enable users that use portable computers to run both applications when they are**



**disconnected from the network.**

What should you do?

- A. On Server1, create and link a Group Policy object (GPO) that assigns Application2 to all computers in the Sales department.
- B. On Server3, create a SoftGrid application package that contains Application2 and stream it to all computers in the Sales department.
- C. On Server2, install Application2. Configure all computers in the Sales department to access Application2 by using Terminal Services Gateway (TS Gateway).
- D. On Server2, install Application2. Configure all computers in the Sales department to run Application2 by using Terminal Services RemoteApp (TS RemoteApps).

**Correct Answer: B**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

Your company has one office in Montreal and one office in New York. Each office has 2,000 client computers configured as DHCP clients.

DHCP relay is not supported on the network routers.

The network consists of one Active Directory domain.

**You need to recommend a DHCP addressing solution for both offices.**

**The solution must meet the following requirements:**

- Minimize traffic between offices.
- Be available if a single server fails.

What should you recommend?

- A. In each office, install a DHCP server that has two scopes.
- B. In each office, install a DHCP instance on a two node failover cluster.
- C. In the Montreal office, install a DHCP server. In the New York office, install a DHCP Relay Agent.
- D. In the Montreal office, install a DHCP instance on a two node failover cluster. In the New York office, install a DHCP Relay Agent.

**Correct Answer: B**

**Section: Exam C**

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

A company has an Active Directory forest that contains 150 domains. All domain controllers run Windows Server 2003. The forest functional level is Windows 2000. The domain functional level is Windows 2000 mixed.

You are planning to migrate the domain controllers in only one domain to Windows Server 2008 R2.

You need to ensure that you can install Windows Server 2003 domain controllers in the forest after the migration. Your solution must minimize changes to the Active Directory environment.

What should you recommend? (More than one answer choice may achieve the goal. Select the **BEST** answer)

- A. Raise the forest functional level to Windows Server 2008 R2
- B. Raise the forest functional level to Windows Server 2003
- C. Raise the domain functional level to Windows Server 2003
- D. Raise the domain functional level to Windows Server 2008

**Correct Answer:** C

**Section:** Exam C

**Explanation**

**Explanation/Reference:**

I don't have the answer

## Exam D

### QUESTION 1

Your network contains servers that run Windows Server 2008.

Microsoft Windows SharePoint Services (WSS) are available on the network. WSS is only accessible from the internal network.

Several users use devices that run Windows Mobile 6.0. The users can establish only HTTP and HTTPS sessions from the Internet.

**You need to enable users to access WSS from the Internet by using their Windows Mobile devices. The solution must ensure that all connections from the Internet to WSS are encrypted.**

What should you do?

- A. Install Microsoft Internet Security and Acceleration (ISA) Server 2006 and create a HTTPS publishing rule.
- B. Install Microsoft Internet Security and Acceleration (ISA) Server 2006 and create a Secure RPC publishing rule.
- C. Install the Network Policy and Access Services (NPAS) role and enable Secure Socket Tunneling (SSTP) connections. Configure WSS to require Kerberos authentication.
- D. Install the Network Policy and Access Services (NPAS) role and enable Secure Socket Tunneling (SSTP) connections. Configure WSS to require IPsec encryption.

**Correct Answer: A**

**Section: Exam D**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Your network consists of one Active Directory forest.

You have two servers named Server1 and Server2. Both servers run Windows Server 2008.

All client computers run Windows Vista.

**Hardware on the servers is installed as shown in the following table:**

Server	Processor core	Memory
Server1	4 processor cores	4 GB RAM
Server2	8 processor cores	16 GB RAM

Client computers use the Remote Desktop client to connect to Server1 and Server2.

**You need to recommend a solution to control the distribution of user requests made to Server1 and Server2. The solution must enable administrators to distribute the traffic based on the server hardware.**

What should you recommend?

- A. Use DNS round-robin. Set the DoNotRoundRobinTypes registry entry to ptr srv ns.
- B. Add the failover clustering feature. Configure Server1 as a passive node and Server2 as an active node.
- C. Install Network Load Balancing. In Host Parameters, set Priority to 1 for Server2 and set Priority to 2 for Server1.
- D. Use Terminal Services Session Broker (TS Session Broker) Load Balancing. Assign a weight value of 100 to Server1 and a weight value of 200 to Server2.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 3**

Your network consists of one Active Directory domain and one IP subnet. All servers run Windows Server 2008. All client computers run Windows Vista, Windows XP Professional, and Windows 2000 Professional.

The servers are configured as shown in the following table:

Server name	Installed services
Server1	Active Directory Domain Services (AD DS) Active Directory Certificate Services (AD CS) DHCP
Server2	Routing and Remote Access Service (RRAS) Network Policy Service (NPS) Health Registration Authority (HRA)

Server2 is configured to support Network Access Protection (NAP) by using IPsec, DHCP, and 802.1x enforcement methods.

Users from a partner company have computers that are not joined to the domain. The computers successfully connect to the network.

**You need to ensure that only computers that are joined to the domain can access network resources on the domain.**

What should you do?

- A. Configure all DHCP scopes on Server1 to enable NAP.
- B. Configure all network switches to require 802.1x authentication.
- C. Create a Group Policy object (GPO) and link it to the domain. In the GPO, enable a secure server IPsec policy on all member servers in the domain.
- D. Create a Group Policy object (GPO) and link it to the domain. In the GPO, enable a NAP enforcement client for IPsec communications on all client computers in the domain.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 4**

Your network consists of one Active Directory domain. The domain contains servers that run Windows Server 2008.

The servers are configured as shown in the following table:

Server name	Roles and services	Configured function
Server1	Active Directory Domain Services (AD DS)	Domain controller
Server2 Server3	Routing and Remote Access Service (RRAS)	Remote access servers for virtual private network (VPN) connections
Server4	Network Policy Server (NPS)	Remote Authentication Dial-In User Service (RADIUS) server

Server2 and Server3 are configured as RADIUS clients.

**You need to plan a solution to manage all VPN connections to the network.**

**The solution must meet the following requirements:**

- Specify the allowed VPN connection protocols.
- Specify the allowed VPN client authentication mechanisms.
- Specify VPN client access rights based on group membership.

What should you include in your plan?

- A. A Group Policy object (GPO) applied to Server2 and Server3
- B. A Group Policy object (GPO) applied to the computers that must establish VPN connections
- C. A local computer policy on Server2 and Server3
- D. A network policy on Server4

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### QUESTION 5

Your company has one office in San Diego and one office in New York.

The network consists of one Active Directory forest that contains one domain named contoso.com and one domain named newyork.contoso.com.

All servers run Windows Server 2008.

All domain controllers for contoso.com are located in San Diego.

All domain controllers for newyork.contoso.com are located in New York.

Contoso.com contains two domain controllers named Server1 and Server2.

Newyork.contoso.com contains two domain controllers named Server3 and Server4.

All domain controllers host Active Directory-integrated DNS zones for their respective domains.

**You need to ensure that users from each office can resolve computer names for both domains from a local DNS server.**

What should you do?

- A. Add the contoso.com and the newyork.contoso.com DNS zones to the ForestDNSZones partition.
- B. Create a stub DNS zone for contoso.com on Server3. Create a stub DNS zone for newyork.contoso.com on Server1.
- C. Create a standard primary DNS zone named contoso.com on Server3. Create a standard primary DNS zone named newyork.contoso.com on Server1.
- D. Configure conditional forwarders on Server1 to point to Server3. Configure conditional forwarders on

Server3 to point to Server1.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 6

Your network consists of one Active Directory domain. The domain contains servers that run Windows Server 2008.

The relevant servers are configured as shown in the following table:

Server name	Installed services
Server1	Active Directory Domain Services (AD DS)
Server2	Terminal Services
Server3	Internet Information Services (IIS)

All client computers run Windows Vista.

Remote users connect to the network from the Internet by using virtual private network (VPN) connections. You plan to enable remote users to run Terminal Services RemoteApp (TS RemoteApp) applications on Server2.

**You need to prepare the environment to provide users access to the applications. The solution must provide a custom Web page that contains shortcuts to authorized applications for each user.**

What should you do?

- A. On Server2, install the Web Server (IIS) server role.
- B. On Server2, install the Terminal Services server role that has the Terminal Services Gateway (TS Gateway) role service.
- C. On Server3, install the Terminal Services server role that has the Terminal Services Web Access (TS Web Access) role service.
- D. On Server2 and Server3, install the Terminal Services server role that has the Terminal Services Session Broker (TS Session Broker) role service.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

Your network consists of one Active directory domain. All domain controllers run Windows Server 2008. The network contains both portable and desktop computers. Your company has two departments named Sales and Engineering.

You create one organizational unit (OU) for each department. You move all user and computer accounts to their respective OUs.

**You need to prepare the environment for the deployment of Group Policy objects (GPO) to meet the following requirements:**

- Remote users in the Sales department must be able to save documents to any USB flash drive.
- Remote users in the Engineering department must be able to save documents only to USB flash drives supplied by the company.
- Local network users from both departments must be able to use a USB mouse and a USB keyboard.

What should you do?

- A. Create a single GPO for both OUs.
- B. Modify the Default Domain Policy. Create a new GPO for each OU.
- C. Create a new OU for all desktop computers. Create a GPO for the new OU.
- D. Modify the Default Domain Controllers Policy. Create a new GPO for each OU.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 8

Your company has one office in New York and one office in Montreal. An Active Directory site exists for each office.

The network consists of one Active directory domain.

You create four organizational units (OUs) named NewYorkUsers, NewYorkComputers, MontrealUsers, and MontrealComputers.

The offices collaborate on a company project.

You create a group named Project that contains all user and computer accounts for employees working on the project.

Project group users from the New York office are currently working from the Montreal office and are using their portable computers.

You plan to deploy a new application to the Project group.

**You need to prepare the environment for the deployment of the application.**

**The solution must meet the following requirements:**

- Only the Project group must have the application installed.
- Existing Group Policy objects (GPOs) settings applied to the Project group must remain unaffected.

What should you do?

- A. Create a GPO. Link the GPO to the Montreal site. Filter the application of the GPO to only the Project group.
- B. Create a GPO. Link the GPO to the New York site. Filter the application of the GPO to only the Project group.
- C. Move all Project group computers in the NewYorkComputers OU to the MontrealComputers OU. Create a GPO. Link the GPO to the MontrealComputers OU to deploy the application.
- D. Move all Project group computers in the MontrealComputers OU to the NewYorkComputers OU. Create a GPO. Link the GPO to the NewYorkComputers OU to deploy the application.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 9

Your network consists of one Active Directory forest. All servers run Windows Server 2008.

You plan to make multiple Web applications in the perimeter network accessible to external customers and partner company users.

**You need to design an access solution to meet the following requirements:**

- Provide authentication and authorization for the external customers and partner company users.

- Enable single sign-on (SSO) authentication so that users can access multiple Web applications from a single Web browser session.

What should you include in your design?

- A. Deploy Network Policy and Access Services (NPAS).
- B. Deploy Active Directory Rights Management Services (AD RMS).
- C. Deploy Active Directory Lightweight Directory Services (AD LDS), and then deploy Active Directory Federation Services (AD FS).
- D. Deploy Active Directory Lightweight Directory Services (AD LDS), and then configure AD FS Web Agents on Internet Information Server (IIS) 7.0.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

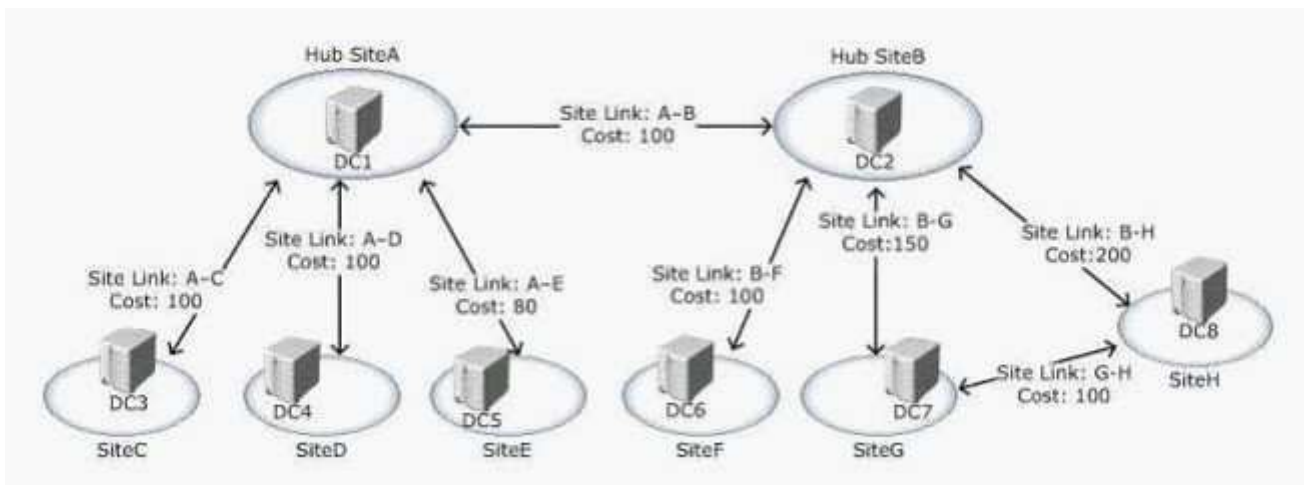
### QUESTION 10

Your network consists of one Active Directory domain.  
The functional level of the forest is Windows Server 2003.  
All domain controllers run Windows Server 2003.  
The relevant portion of the network is configured as shown in the exhibit.  
The Bridge all site links option is enabled.

**You need to ensure that domain controllers in the spoke sites can replicate with domain controllers in only the hub sites. The solution must ensure that domain controllers can replicate if a server fails in one of the hub sites.**

What should you do?

Exhibit:



- A. Lower the site link costs between the spoke sites and the hub sites.
- B. Disable the Bridge all site links option. Create site link bridges that include the site links between each spoke site and the hub sites.
- C. Disable the Bridge all site links option. Install a writable domain controller that runs Windows Server 2008 in each hub site.
- D. Enable the global catalog server attribute for all domain controllers in the hub sites. Upgrade all domain



controllers in the spoke sites to Windows Server 2008.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 11**

Your network consists of one Active directory domain. The domain has 1,000 computers that run Windows XP and 1,000 computers that run Windows Vista. Your company has 10 departments. You have an organizational unit (OU) for each department. You have an OU named UsersComputers in each department OU. You create a logon script for computers that run Windows XP and a logon script for computers that run Windows Vista.

**You need to prepare the environment for the deployment of the logon scripts.**

**The solution must meet the following requirements:**

- Logon scripts must be applied based on the version of the Windows operating system.
- Logon scripts must be applied to users from all departments when logging on from any computer.
- The solution must use the minimum number of OUs and Group Policy objects (GPOs).

What should you do?

- Create one GPO. Configure the logon scripts and policy refresh in the GPO. Link the GPO to the domain and apply a Windows Management Instrumentation (WMI) filter.
- Create one GPO. Configure the logon scripts and loopback processing in the GPO. Link the GPO to the domain and apply a Windows Management Instrumentation (WMI) filter.
- Create one GPO for each Windows operating system. Configure the logon scripts and loopback processing in the GPOs. Link both GPOs to the domain and apply a Windows Management Instrumentation (WMI) filter.
- Create one GPO for each Windows operating system. Configure the logon script in the GPOs. Create two new child OUs in the UsersComputers OU named WinXP and WinVista. Link each GPO to the corresponding operating systems OU.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 12**

Your company has a main office and five branch offices. Each office contains servers that run Windows Server 2008.

**You need to prepare the environment for the installation of Active Directory domain controllers in the branch offices.**

**The solution must meet the following requirements:**

- Ensure that the minimum amount of replication traffic is sent between offices.
- Ensure that users always attempt to authenticate to a domain controller in their local office, unless it is unavailable

You install the first domain controller on the network in the main office.

What should you do next?

- A. Disable the Bridge all site links option.
- B. Enable Universal Group Membership Caching.
- C. Create a site link and a site link bridge for each office.
- D. Create a subnet object and a site object for each office.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### **QUESTION 13**

Your network consists of one Active directory domain.

The functional level of the domain is Windows Server 2008.

The organizational units (OUs) are configured as shown in the exhibit.

The Human Resources OU does not contain user accounts. Help desk technicians respond to all user service requests.

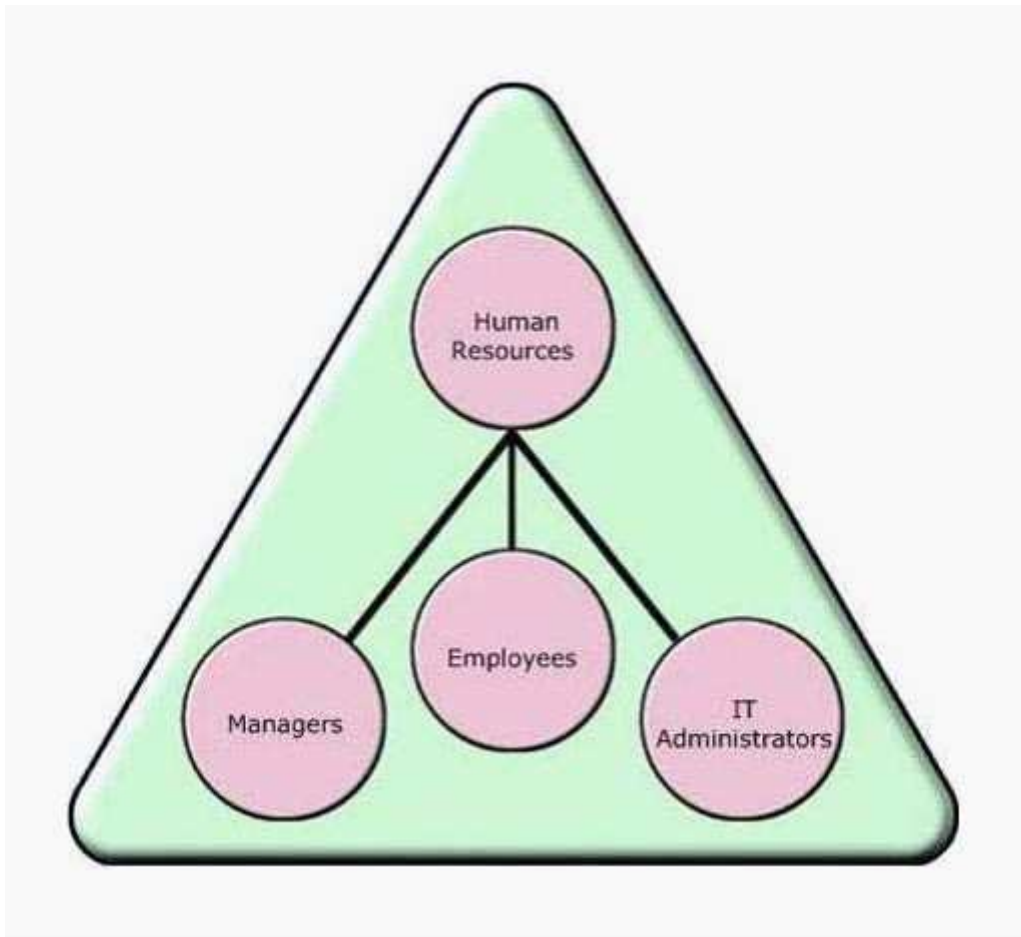
**You need to plan the management of all users on the network.**

**The solution must meet the following requirements:**

- Help desk technicians must have only the minimum number of required rights in the domain.
- Help desk technicians must be able to reset all user passwords except IT administrator passwords and manager passwords.

What should you include in your plan?

Exhibit:



- A. Delegate the Reset user passwords and force password change at next logon permission to the help desk technicians in the Employees OU.
- B. Delegate the Reset inetOrgPerson passwords and force password change at next logon permission to the help desk technicians in the Employees OU.
- C. Delegate the Reset user passwords and force password change at next logon permission to the help desk technicians in the Human Resources OU. Block Group Policy object (GPO) inheritance for the IT Administrators OU and the Managers OU.
- D. Delegate the Reset inetOrgPerson passwords and force password change at next logon permission to the help desk technicians in the Human Resources OU. Block Group Policy object (GPO) inheritance for the IT Administrators OU and the Managers OU.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 14**

Your network consists of one Active Directory domain that contains domain controllers that run Windows Server 2008.

You deploy Windows Server 2008 Enterprise Edition on 20 new computers.

You deploy a Server Core installation of Windows Server 2008 Standard Edition on 20 old computers.

You create a new organization unit (OU) named Servers OU. You move all server computer accounts to Servers OU.

**You need to recommend a patch management solution for the new computers. The solution must ensure that all computers automatically download and install updates approved by administrators.**

What should you recommend?

- A. Implement a new Windows Server Update Services (WSUS) 3.0 server. Manually enable the servers for Automatic Updates.
- B. Implement a new Windows Server Update Services (WSUS) 3.0 server. Create a new Group Policy object (GPO) for Servers OU. Configure the GPO to enable Automatic Updates from a local server.
- C. Create a new Group Policy object (GPO) for Servers OU. Configure the GPO to enable Automatic Updates from Microsoft Update.
- D. Create a new Group Policy object (GPO) for the Active Directory domain. Configure the GPO to enable Automatic Updates from Microsoft Update.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 15**

Your network consists of one Active Directory domain. All servers run Windows Server 2008. You need to plan access restriction policies for the network.

**The plan must support the following restrictions:**

- Only computers that run Windows Vista must be able to access the network.
- Only computers that have Windows Firewall enabled must be able to access the network.

What should you include in your plan?

- A. Implement Authorization Manager.
- B. Implement Network Access Protection (NAP) on a single server in the domain.
- C. Create a Group Policy object (GPO) linked to the domain. Enable the Windows Firewall settings in the GPO.
- D. Create a Group Policy object (GPO) linked to the Domain Controllers organizational unit (OU). Enable the Windows Firewall settings in the GPO.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 16**

Your company has one main office and 10 branch offices.

The network contains servers that run Windows Server 2008. The servers are configured as file servers and are located in the branch office.

**You need to plan a security policy for the branch office.**

**The policy must meet the following requirements:**

- Users must be able to access all files on the servers.
- The operating system and the files on the servers must be inaccessible if a server is stolen.

What should you include in your plan?

- A. Use Syskey on the servers.
- B. Use Encrypting File System (EFS) on the servers.
- C. Use Windows BitLocker Drive Encryption (BitLocker) on all servers.
- D. Configure the servers as read-only domain controllers (RODCs).

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 17**

Your network contains a server that runs Windows Server 2008. You install Microsoft Office 2007 on the server.

**You need to recommend an update management solution for the server. The solution must ensure that all operating system, security updates, drivers, and Office updates are installed on the server.**

What should you recommend?

- A. Use Windows Update.
- B. Use Microsoft Update.
- C. Run the Security Configuration Wizard (SCW).
- D. Run the Microsoft Baseline Security Analyzer (MBSA).

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 18**

Your network contains a server that runs Windows Server 2008. Internal users of the network and external partners collaborate on work projects.

**You need to plan a collaboration solution for the internal users and the external partners to meet the following requirements:**

- Enable environment access audits.
- Enable secure access to files based on permissions.
- Enable remote access to files by using a Web browser.
- Enable search of data stored in database and file servers.

What should you include in your plan?

- A. Install and configure the Web Server role.
- B. Install and configure the Application Server role.
- C. Install and configure Microsoft Windows SharePoint Services (WSS) 3.0.
- D. Install and configure Microsoft Office SharePoint Server (MOSS) 2007.

**Correct Answer: D**

**Section: (none)**

## Explanation

### Explanation/Reference:

#### QUESTION 19

Your company has one main office and 10 branch offices.

The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 and are located in the main office.

You plan to deploy one Windows Server 2008 domain controller in each branch office.

**You need to recommend a security solution for the branch office domain controllers. The solution must prevent unauthorized users from copying the Active Directory database from a branch office domain controller by starting the server from an alternate startup disk.**

What should you recommend on each branch office domain controller?

- A. Enable the secure server IPsec policy.
- B. Enable the read-only domain controller (RODC) option.
- C. Enable Windows BitLocker Drive Encryption (BitLocker).
- D. Enable an Encrypting File System (EFS) encryption on the %Systemroot%\NTDS folder.

**Correct Answer: C**

**Section: (none)**

## Explanation

### Explanation/Reference:

#### QUESTION 20

Your company named Contoso and another company named Fabrikam establish a partnership.

The Contoso network consists of one Active Directory domain named contoso.com.

File servers are installed on the contoso.com domain. All file servers run Windows Server 2008.

The Fabrikam network consists of one Active Directory forest named fabrikam.com.

**You need to plan a solution to enable Fabrikam users to access resources on the file servers.**

**The solution must meet the following requirements:**

- Ensure that Fabrikam users can access resources only on the file servers.
- Ensure that Contoso users are denied access to Fabrikam resources.

What should you do first?

- A. Create a one-way forest trust so that Contoso trusts Fabrikam. Set selective authentication on the trust.
- B. Create a one-way forest trust so that Fabrikam trusts Contoso. Set selective authentication on the trust.
- C. Create a one-way forest trust so that Contoso trusts Fabrikam. Set forest-wide authentication on the trust.
- D. Create a one-way forest trust so that Fabrikam trusts Contoso. Set forest-wide authentication on the trust.

**Correct Answer: A**

**Section: (none)**

## Explanation

### Explanation/Reference:

#### QUESTION 21

Your company has one main office and one new branch office.  
A local administrator manages the branch office.  
The network consists of one Active Directory domain. All domain controllers run Windows Server 2008.  
You create a new organizational unit (OU) that contains all the computer accounts for the new branch office.  
You configure a server in the main office to test and approve all new software updates.  
You configure Microsoft Windows Server Update Services (WSUS) 3.0 to deploy all approved updates to the environment.

**You need to recommend an update management solution for the new branch office to meet the following requirements:**

- Only approved updates can be installed in the branch office.
- The amount of network bandwidth used to download updates from Microsoft Update must be minimized.
- The local administrator must be able to select which approved updates are installed on computers in the branch office.

What should you recommend?

- A. In the main office, install and configure a WSUS 3.0 server as a child server. Configure a Group Policy for the new OU so that all computers receive updates from the new WSUS server.
- B. In the main office, install and configure a WSUS 3.0 server as a stand-alone server. Configure a new Group Policy for the new OU so that all computers receive updates from the new WSUS server.
- C. In the new branch office, install and configure a WSUS 3.0 server as a child server. Configure a Group Policy for the new OU so that all computers receive updates from the new WSUS server.
- D. In the new branch office, install and configure a WSUS 3.0 server as a stand-alone server. Configure a Group Policy for the new OU so that all computers receive updates from the new WSUS server.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

## **QUESTION 22**

Your network consists of one Active Directory domain that contains domain controllers that run Windows Server 2008. The intranet site contains confidential documents.

**You need to design an identity and access management policy for the documents to meet the following requirements:**

- Record each time a document is accessed.
- Protect confidential documents on the intranet site.
- Place a time limit on access to documents, including documents sent outside the organization.

What should you include in your design?

- A. On a domain controller, install and configure Active Directory Federation Services (AD FS).
- B. On a domain controller, install and configure Active Directory Rights Management Services (AD RMS).
- C. On all servers in the domain, ensure that the data volumes are configured to use NTFS file system and Encrypting File System (EFS).
- D. On all servers in the domain, ensure that the data volumes are configured to use NTFS file system and Windows BitLocker Drive Encryption (BitLocker).

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 23

Your company has one main office and 10 branch offices. You plan to deploy Active Directory.

**You need to recommend a solution to recover Active Directory domain objects in the event of data loss. The solution must ensure that you can recover individually deleted user accounts.**

What should you recommend?

- A. Install multiple domain controllers.
- B. Install a server that runs Windows Server 2008 that has Active Directory Lightweight Directory Services (AD LDS).
- C. Schedule regular system state backups by using Windows Server Backup.
- D. Schedule regular backups of the SYSVOL folder on the existing domain controller.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 24

Your network contains a six-node Microsoft Clustering Service (MSCS) cluster that has a shared quorum. Each of the six nodes runs Windows Server 2003.

**You need to recommend a solution to transition the cluster to Windows Server 2008. The solution must maintain the availability of cluster services during the transition.**

What should you recommend?

- A. Evict one node at a time and rebuild the cluster by using Windows Server 2008.
- B. Evict five nodes from the cluster. Install Windows Server 2008 on the remaining node. Add five new Windows Server 2008 nodes.
- C. On each node, run the Windows Server 2008 installation program.
- D. On the MSCS, change the quorum type to a Majority Node Set (MNS) quorum. Install Windows Server 2008 on all nodes.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 25

Your company has one main office and 20 branch offices.

Each office is configured as an Active Directory site.

The network consists of one Active Directory domain.

All servers run Windows Server 2008 and all client computers run Windows Vista.

The main office contains three domain controllers.

**You need to deploy one domain controller in each branch office to meet the following requirements:**

- Authentication to a main office domain controller must only occur if a local domain controller fails.
- Client computers in the main office must not authenticate to a domain controller in a branch office.
- Client computers in a branch office must not authenticate to a domain controller in another branch office.



- Client computers in each branch office must attempt to authenticate to the domain controller at their local site first.

What should you do first?

- A. Associate the IP subnet of each branch office to the Active Directory site of the main office.
- B. Select the read-only domain controller (RODC) option and the Global Catalog option when deploying the branch office domain controllers.
- C. Create a Group Policy object (GPO) that applies to all branch office domain controllers and controls the registration of DNS service location (SRV) records.
- D. Configure only the main office domain controllers as global catalog servers. Enable Universal Group Membership Caching in the Active Directory site for each branch office.

**Correct Answer:** C

**Section:** (none)

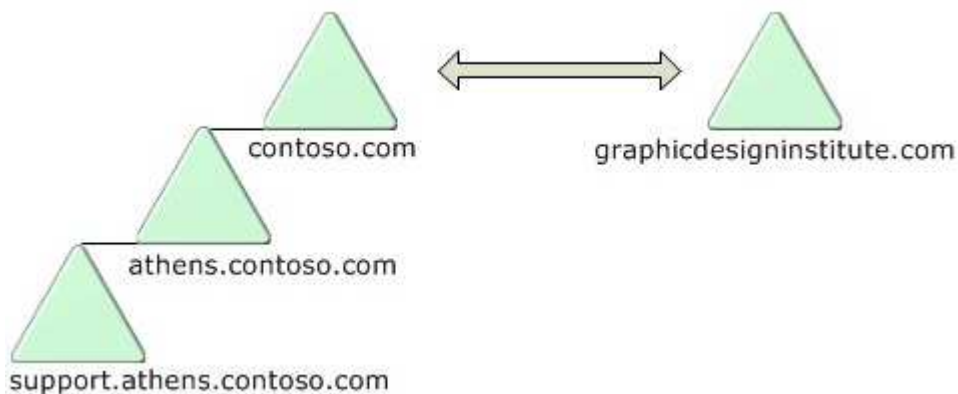
**Explanation**

**Explanation/Reference:**

#### QUESTION 26

Contoso, Ltd. and Graphic Design Institute each have an Active Directory Domain Services (AD DS) domain. All servers run Windows Server 2008 R2. A forest trust exists between Contoso and Graphic Design Institute.

The Contoso domain includes multiple child domains, as shown in the following graphic.



Users in the graphicdesigninstitute.com domain are experiencing slow logon times in the support.athens.contoso.com domain

You need to ensure that users in the graphicdesigninstitute.com domain can log on to the support.athens.contoso.com domain in a timely manner. What should you recommend? (More than one answer choice may achieve the goal. Select the **BEST** answer)

- A. Create a shortcut trust between graphicdesigninstitute.com and support.athens.contoso.com.
- B. Create a shortcut trust between athens.contoso.com and graphicdesigninstitute.com.
- C. Create a two-way trust between support.athens.contoso.com and graphicdesigninstitute.com.
- D. Create a two-way trust between graphicdesigninstitute.com and athens.contoso.com.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer not included.

## Exam E

### QUESTION 1

Your network consists of two Active Directory forests.

The Active Directory forests are configured as shown in the following table:

Forest name	Forest functional level	Domain name	Domain controller operating system
contoso.com	Windows Server 2003	contoso.com	Windows Server 2008
		company1.contoso.com	Windows Server 2008
fabrikam.com	Windows Server 2000	fabrikam.com	Windows Server 2003
		company2.fabrikam.com	Windows Server 2003

You need to prepare the environment to allow users to access resources in all domains from both forests. The solution must require the minimum amount of administrative effort.

What should you do first?

- A. Set the functional level of the contoso.com forest to Windows Server 2008.
- B. Set the functional level of the fabrikam.com forest to Windows Server 2003.
- C. Upgrade all domain controllers in the fabrikam.com domain to Windows Server 2008. Set the domain functional level of fabrikam.com to Windows Server 2008.
- D. Upgrade all domain controllers in the fabrikam.com and company2.fabrikam.com domains to Windows Server 2008. Set the functional level of the fabrikam.com forest to Windows Server 2008.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

You are the enterprise administrator for a company named Contoso, Ltd. Contoso acquires a company named Fabrikam, Inc. Contoso and Fabrikam each have one Active Directory forest that contains two domains. All domain controllers run Windows Server 2008.

You need to migrate the Fabrikam domain resources to the Contoso forest.

What should you do?

- A. Run the Active Directory Migration Tool (ADMT) from a server in Contoso.
- B. Run the Active Directory Migration Tool (ADMT) from a server in Fabrikam.
- C. Run the Microsoft Windows User State Migration Tool (USMT) from a server in Contoso.
- D. Run the Microsoft Windows User State Migration Tool (USMT) from a server in the Fabrikam forest.

**Correct Answer: A**

**Section: (none)**

## Explanation

### Explanation/Reference:

#### QUESTION 3

Your company has a main office and 10 branch offices. The network consists of one Active Directory domain. All domain controllers run Windows Server 2008 and are located in the main office.

You plan to deploy one Windows Server 2008 domain controller in each branch office.

You are concerned that the branch offices will fail to provide adequate كافي / كفايه security for the new domain controllers.

#### You need to recommend a security solution to meet the following requirements:

- Prevent any unauthorized user from accessing user passwords when the server is running.
- Prevent any unauthorized user from accessing user passwords either locally or over the network on each branch office domain controller.

Which configuration should you recommend for each branch office domain controller?

- A. Enable an IPsec policy.
- B. Enable Windows Firewall.
- C. Enable the read-only domain controller (RODC) option.
- D. Enable Windows BitLocker Drive Encryption (BitLocker).

**Correct Answer: C**

**Section: (none)**

#### Explanation

### Explanation/Reference:

#### QUESTION 4

Your network consists of an Active Directory forest that contains only domain controllers that run Windows Server 2003.

#### You need to prepare the environment for the implementation of a new Windows Server 2008 domain in the forest.

What should you do?

- A. Run `adprep /forestprep` on the schema operations master.
- B. Run `adprep /domainprep` on the schema operations master.
- C. Run `adprep /forestprep` on the infrastructure operations master.
- D. Run `adprep /domainprep` on the infrastructure operations master.

**Correct Answer: A**

**Section: (none)**

#### Explanation

### Explanation/Reference:

#### QUESTION 5

Your network consists of two Active Directory forests. The Active Directory forests are configured as shown in the following table:

Root domain name	Forest functional level
contoso.com	Windows Server 2008
fabrikam.com	Windows Server 2008

The servers in both forests run Windows Server 2008.  
 A forest trust exists between the fabrikam.com forest and the contoso.com forest.  
 Fabrikam.com has a server named server1.fabrikam.com.  
 Contoso.com has a global group named ContosoSales.  
 Users in the ContosoSales global group access an application on server1.fabrikam.com.  
 You discover that users from other groups in the contoso.com domain can log on to servers in the fabrikam.com domain.

**You need to implement an authentication solution to meet the following requirements:**

- Users in the ContosoSales global group must be able to access server1.fabrikam.com.
- Users in the ContosoSales global group must be denied access to all other servers in the fabrikam.com forest.
- All other users in the contoso.com domain must be able to access only resources in the contoso.com forest.

What should you do?

- A. Replace the existing forest trust with an external trust between the contoso.com domain and the fabrikam.com domain. On the server1.fabrikam.com computer object, grant the Allowed to Authenticate permission to the ContosoSales global group.
- B. Replace the existing forest trust with an external trust between the contoso.com domain and the fabrikam.com domain. In the local security policy of server1.fabrikam.com, assign the Access this computer from the network user right to the ContosoSales global group.
- C. Set the authentication scope of the existing forest trust in the fabrikam.com domain to Allow authentication only for selected resources in the local domain. On the server1.fabrikam.com computer object, grant the Allowed to Authenticate permission to the ContosoSales global group.
- D. Set the authentication scope of the existing forest trust in the fabrikam.com domain to Allow authentication only for selected resources in the local domain. In the local security policy on server1.fabrikam.com, assign the Access this computer from the network user right to the ContosoSales global group.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 6**

You are the enterprise administrator for a company named Contoso, Ltd.  
 The network consists of one Active Directory domain named contoso.com.  
 You have a Microsoft Exchange Server 2007 organization named Contoso.  
 All users log on to their computers by using credentials identical to their e-mail addresses.  
 The company plans to change its name to Adatum Corporation and modify all user e-mail addresses to include a new adatum.com domain name.

**You need to enable all users to log on to their computers by using the new domain name. The solution must not disrupt existing applications on the network.**

What should you do first?

- A. Use the Active Directory domain Rename Tool to rename the domain to adatum.com.
- B. Use the DNS Management Console to create a new forward lookup zone named adatum.com.
- C. Create an alternative user principal name (UPN) suffix of adatum.com.

D. Create a new accepted domain named adatum.com in the Exchange Server 2007 organization.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 7

Your company has two main offices in Denver and Chicago and four branch offices in New York, Miami, Seattle, and San Francisco.

Each office is configured as an Active Directory site. Site links are configured as shown in the exhibit.

The network consists of one Active Directory forest.

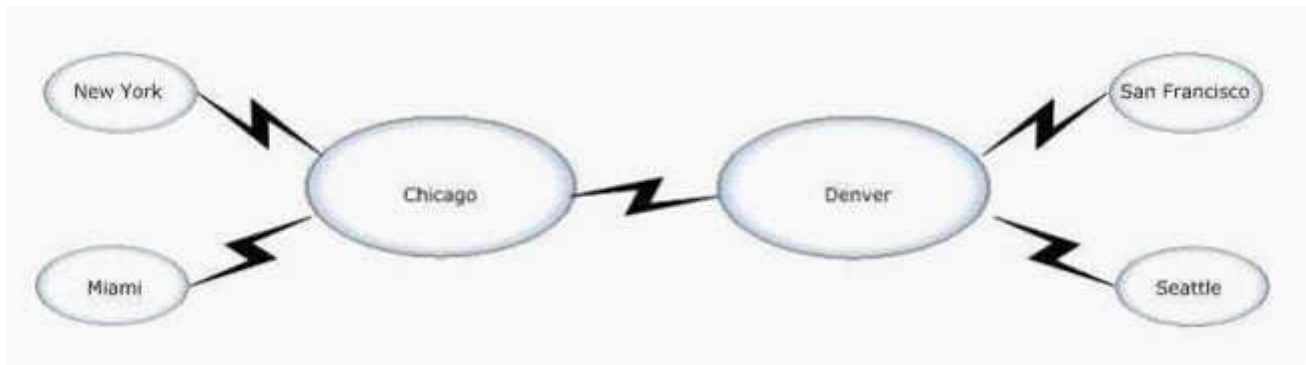
All domain controllers run Windows Server 2003.

Each main office has four domain controllers. Each branch office has one domain controller. The Bridge all site links option is disabled.

**You need to prepare the environment to install a read-only domain controller (RODC) in each branch office. The solution must be achieved by upgrading the minimum number of domain controllers.**

What should you do?

Exhibit:



- A. Upgrade one domain controller in the Chicago office and one domain controller in the Denver office to Windows Server 2008.
- B. Upgrade one domain controllers in the Chicago office to Windows Server 2008. Create a site link that connects the Seattle and San Francisco office sites to the Chicago office site.
- C. Configure a site link to connect all branch office sites. Upgrade one domain controller in the Denver office to Windows Server 2008.
- D. Configure a site link to connect the Chicago office site and the San Francisco and Seattle office sites. Upgrade one domain controller in the Denver office to Windows Server 2008.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 8

Your network contains servers that run Windows Server 2008 and client computers that run Windows Vista.

All network routers support IPsec connections. Client computers and servers use IPsec to connect through

network routers.

You have two servers named Server1 and Server2.

Server1 has Active Directory Certificate Services (AD CS) installed and is configured as a certification authority (CA).

Server2 runs Internet Information Services (IIS).

**You need to recommend a certificate solution for the network routers.**

**The solution must meet the following requirements:**

- Use the Simple Certificate Enrollment Protocol (SCEP).
- Enable the routers to automatically request certificates.

What should you recommend implementing?

- A. Certification authority Web enrollment services on Server2
- B. Network Device Enrollment Service on Server2
- C. Online Responder service on Server1
- D. Subordinate CA on Server1

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

Your company has a main office and three branch offices.

Each office has a server that runs Windows Server 2008. The server has the DNS Server role installed.

The branch offices contain client computers that run Windows 2000.

You plan to deploy Active Directory Domain Services (AD DS) on the network.

**You need to plan a name resolution solution for the deployment of Active Directory Domain Services (AD DS).**

**The solution must meet the following requirements:**

- Support secure dynamic updates.
- Minimize response times for users connecting to resources anywhere on the network.

What should you include in your plan?

- A. A GlobalNames zone for the forest.
- B. A single Active Directory-integrated DNS zone.
- C. A stub zone on the DNS server in each branch office.
- D. A standard primary zone in the main office and secondary zones in each branch office.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

Your network consists of one Active Directory forest that contains one root domain and 22 child domains.

All domain controllers run Windows Server 2003.

All domain controllers run the DNS Server service and host Active Directory-integrated zones.

Administrators report that it takes more than one hour to restart the DNS servers.

**You need to reduce the time it takes to restart the DNS servers.**

What should you do?

- A. Upgrade all domain controllers to Windows Server 2008.
- B. Upgrade all domain controllers in the root domain to Windows Server 2008, and then set the functional level for the root domain to Windows Server 2008.
- C. Deploy new secondary zones on additional servers in each child domain.
- D. Change the Active Directory-integrated DNS zones to standard primary zones.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 11**

Your network consists of one Active Directory domain and one IP subnet. All servers run Windows Server 2008. All client computers run Windows Vista.

**The servers are configured as shown in the following table:**

<b>Server name</b>	<b>Installed services</b>
Server1	Active Directory Domain Services (AD DS) Active Directory Certificate Services (AD CS) DHCP
Server2	Routing and Remote Access Service (RRAS) Network Policy Service (NPS) Health Registration Authority (HRA)

All network switches used for client connections are unmanaged. Some users connect to the local area network (LAN) from client computers that are joined to a workgroup. Some client computers do not have the latest Microsoft updates installed.

**You need to recommend a Network Access Protection (NAP) solution to protect the network.**

**The solution must meet the following requirements:**

- Only computers that are joined to the domain must be able to connect to servers in the domain.
- Only computers that have the latest Microsoft updates installed must be able to connect to servers in the domain.

Which NAP enforcement method should you use?

- A. 802.1x
- B. DHCP
- C. IPsec
- D. VPN

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

## QUESTION 12

Your company has one main office and one branch office. The branch office is connected to the main office by using a wide area network (WAN) link.

The network consists of one Active directory domain.

The branch office has two member servers that run Windows Server 2008. One of the servers is configured as a file server that hosts shared folders.

The branch office has a local administrator.

The main office has one standard primary DNS zone that is hosted on a DNS server.

The branch office grows from 100 client computers to 1,000 client computers.

**You need to recommend a name resolution solution for the branch office to meet the following requirements:**

- Users must be able to access file shares on the local server if a WAN link fails.
- The branch office administrator must be able to modify Active Directory objects while at the branch office if a WAN link fails.

What should you recommend?

- A. Promote the member server to a domain controller and configure the DNS role. Create a standard secondary zone.
- B. Promote the member server to a domain controller and configure the DNS role. Create a new standard primary zone.
- C. Promote the member server to a read-only domain controller (RODC) and configure the DNS role. Create a primary read-only zone.
- D. Promote the member server to a read-only domain controller (RODC) and configure the DNS role. Create a new standard secondary zone.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 13

You deploy servers that run Windows Server 2008 on the network.

You plan to deploy a client/server application.

You plan to install the server component of the application on application servers.

You plan to install the client component of the application on all computers that run Windows Vista.

The client component connects to the server component by using only RPC.

After testing, you discover that an RPC time-out error occurs when the client component connects to the server component through a network link that has high latency.

**You need to provide a solution so that users can connect to the application through the Internet without receiving an RPC time-out error.**

What should you do?

- A. Install RPC over HTTP Proxy. Create a proxy connection to the application servers.
- B. Install Microsoft Internet Security and Acceleration (ISA) Server 2006 and enable RPC filtering.
- C. Install Terminal Services, Terminal Services Gateway (TS Gateway), and the client component of the client/server application on the terminal server.
- D. Configure the Routing and Remote Access Service (RRAS). Configure all users to connect to the application servers from the Internet by using virtual private network (VPN) connections.

**Correct Answer:** C



**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 14**

Your network consists of two Active Directory forests named Forest1 and Forest2.

The functional level of both forests is Windows Server 2003.

Both forests contain only domain controllers that run Windows Server 2008. You install a new server named Server1 in Forest2.

**You need to recommend an access solution that meets the following requirements:**

- Users in Forest1 must have access to resources on Server1.
- Users in Forest1 must be denied access to all other resources within Forest2.

What should you recommend?

- A. Raise the forest functional level of Forest1 and Forest2 to Windows Server 2008.
- B. Raise the domain functional level of all domains in both forests to Windows Server 2008.
- C. Create a forest trust between Forest1 and Forest2. Set the Allowed to Authenticate right on the computer object for Server1.
- D. Create a forest trust between Forest1 and Forest2. Set the Allowed to Authenticate right on the computer object for the Forest2 infrastructure operations master object.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 15**

Your company has one main office and 20 branch offices.

The network consists of one Active Directory domain.

All domain controllers run Windows Server 2008 and are located in the main office.

Each branch office contains a server that runs a Server Core installation of Windows Server 2008.

**You need to deploy domain controllers in the branch offices to meet the following requirements:**

- The minimum number of services must run on the domain controllers.
- The minimum number of Windows servers must be installed in the branch offices.
- Passwords for all users must be stored on the domain controllers in the branch offices.

What should you do on each branch office server?

- A. Install Active Directory Domain Services (AD DS) and configure the server as a domain controller.
- B. Install Active Directory Domain Services (AD DS) and configure the server as a read-only domain controller (RODC).
- C. Install a full installation of Windows Server 2008. Install Active Directory Domain Services (AD DS) and configure the server as a domain controller.
- D. Install the Windows Server virtualization role. Install a child virtual machine that runs Windows Server 2008 and Active Directory Domain Services (AD DS). Configure the virtual machine as a domain controller.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 16**

You network contains one Active Directory domain.

All domain controllers run Windows Server 2008.

The network has 100 servers and 5,000 client computers. Client computers run either Windows XP Service Pack 2 (SP2) or Windows Vista Service Pack 1 (SP1).

**You need to plan the deployment of Certificate Services on the network to support the following requirements:**

- Automatic certificate enrollment
- Supported certificates for all client computers

What should you include in your plan?

- A. Deploy a stand-alone certification authority (CA). Create V2 templates.
- B. Deploy a stand-alone certification authority (CA). Create V3 templates.
- C. Deploy an enterprise certification authority (CA). Create V2 templates.
- D. Deploy an enterprise certification authority (CA). Create V3 templates.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Your company has one main office and five new branch offices.

The branch offices are connected to the main office across slow network links.

The network consists of one Active Directory domain. All domain controllers run Windows Server 2008.

Each office has a local server administrator.

**You need to plan for the implementation of Windows Server 2008 domain controllers in each branch office. The solution must minimize the amount of network bandwidth used during the initial replication.**

What should you include in your plan?

- A. Create an installation media by using ntdsutil.
- B. Run adprep /rodcp on a server in each branch office.
- C. Create a System State back up by using Windows Server Backup in Windows Server 2008.
- D. Install Active Directory Lightweight Directory Services (AD LDS) in the branch office.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

Your company has one main office and eight branch offices. Each branch office has one server and 20 client computers.

The network consists of one Active Directory domain. All main office domain controllers run Windows Server 2008.

All branch office servers are configured as domain controllers and run Windows Server 2003 Service Pack 1 (SP1).

**You need to implement a security solution for the branch offices to meet the following requirements:**

- The number of user passwords stored on branch office domain controllers must be minimized.
- All files stored on the branch office domain controller must be protected in the event of an offline attack.

What should you do?

- A. Upgrade branch office domain controllers to Windows Server 2008. Enable Windows BitLocker Drive Encryption (BitLocker).
- B. Replace branch office domain controllers with Windows Server 2008 read-only domain controllers (RODCs). Enable Windows BitLocker Drive Encryption (BitLocker).
- C. Replace branch office domain controllers with Windows Server 2008 read-only domain controllers (RODCs). Enable Encrypting File System (EFS) for all server drives.
- D. Add the branch office domain controller computer accounts to the read-only domain controllers (RODCs) group. Enable Encrypting File System (EFS) for all server drives.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 19**

Your network consists of one Active Directory domain that contains two servers that run Windows Server 2008 named Server1 and Server2.

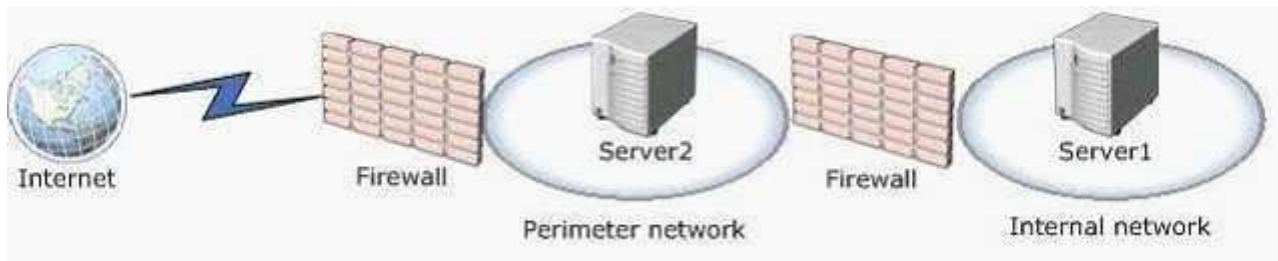
Server1 runs Active Directory Certificate Services (AD CS) and is configured as a certification authority (CA).

Server2 runs Internet Information Services (IIS) and hosts a secure Web service.

External users must subscribe in order to access the Web service.

The Web service accepts subscriptions only from client computers that run Windows XP Service Pack 2 or Windows Vista.

**The relevant portion of the network is configured as shown in the following diagram:**



**You need to ensure that subscribers can successfully connect to the Web service on Server2 through HTTPS.**

**Users must not receive any certificate-related errors.**

What should you do on Server2?

- A. Install a server certificate issued by Server1.
- B. Issue and install a self-signed server certificate.
- C. Install a server certificate issued by a public CA.
- D. Install the trusted root CA certificate issued by Server1.

**Correct Answer: C**

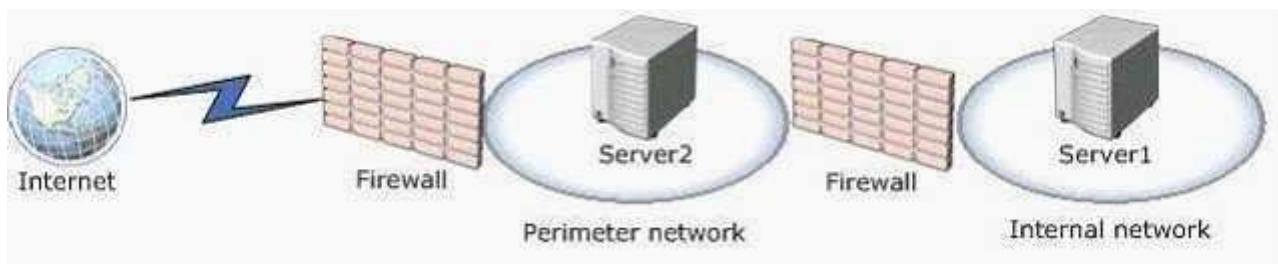
**Section: (none)**  
**Explanation**

**Explanation/Reference:**

**QUESTION 20**

Your network consists of one Active Directory domain that contains two servers named Server1 and Server2 that run Windows Server 2008. Server1 runs Active Directory Certificate Services (AD CS) and is configured as an enterprise root certification authority (CA). Server1 is only accessible from the internal network. Server1 issues certificates to both internal and external client computers that run Windows Vista. Server2 is configured as a Web server. Server2 is located in the perimeter network and is only accessible through HTTP.

**The network is configured as shown in the following diagram:**



**You need to recommend an e-mail security solution for all Windows Vista client computers that meets the following requirements:**

- Users must only request status information for individual certificates.
- Users must be notified when they attempt to send a secure e-mail message to a user that has an expired certificate.

What should you recommend?

- A. Configure a root CA on Server2.
- B. Configure a subordinate CA on Server2.
- C. Configure the Online Responder service on Server2.
- D. Configure a certification revocation list (CRL) distribution point on Server2.

**Correct Answer: C**  
**Section: (none)**  
**Explanation**

**Explanation/Reference:**

**QUESTION 21**

Your network consists of one Active Directory domain. All domain controllers run Windows Server 2008. You have file servers that run Windows Server 2008. Client computers run Windows Vista and UNIX-based operating systems. All users have both Active Directory user accounts and UNIX realm user accounts. Both environments follow identical user naming conventions.

**You need to provide the UNIX-based client computers access to the file servers.**

**The solution must meet the following requirements:**

- Users must only log on once to access all resources.
- No additional client software must be installed on UNIX-based client computers.

What should you do?

- A. Create a realm trust so that the Active Directory domain trusts the UNIX realm.
- B. Install an Active Directory Federation Services (AD FS) server that runs Windows Server 2008.
- C. Enable the subsystem for UNIX-based applications on the file servers. Enable a Network File System (NFS) component on the client computers.
- D. Enable the User Name Mapping component and configure simple mapping. Enable a Network File System (NFS) component on the servers.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 22

Your company has two main offices located in two countries and multiple branch offices in each country. The wide area network (WAN) link between the offices has restricted and limited connectivity. The network consists of two Active Directory forests. The functional level of the forests is Windows 2000 Server. Each forest includes a root domain and four child domains. All resources for each forest are located only in a single country.

**You plan to deploy Active Directory Domain Services (AD DS). The AD DS deployment must support the following requirements:**

- Replication traffic between the main offices must be minimized.
- Users in all offices must be able to access resources in all other offices.
- The solution must use the minimum amount of domains.

Which migration strategy should you recommend?

- A. Restructure to a two-domain, two-forest Active Directory structure.
- B. Restructure to a single-domain, single-forest Active Directory structure.
- C. Restructure to a multi-domain, single-forest Active Directory structure.
- D. Upgrade all existing domains and maintain the existing Active Directory structure.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 23

Your company has three offices. Each office is configured as an Active Directory site. The network consists of one Active directory domain. All domain controllers run Windows Server 2008. The company has five departments. You use a domain-level Group Policy object (GPO) to install Microsoft Office on all client computers.

**You need to deploy a GPO strategy to meet the following requirements:**

- Install a custom application in one of the departments.

- Restrict access to removable storage devices for all users.
- Implement separate Windows Internet Explorer proxy settings for each physical location.
- The strategy must maintain all settings applied by the existing GPOs.

What should you do?

- Create a new group for each department. Create a new GPO for each site. Create a new GPO for the domain and use the GPO to install the custom application.
- Create a new organizational unit (OU) for each department. Create a new GPO for each site and a new GPO for the domain. Create a GPO for one department OU and use the GPO to install the application.
- Create a new organizational unit (OU) for each department. Create a single GPO for all the sites and a new GPO for the domain. Create a single GPO for each department OU and use the GPO to install the custom application.
- Create a new child domain for each department. Create a new GPO for each site and a new GPO for each new child domain. Create a single GPO for all the new child domains and use the GPO to install the custom application.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 24

Your network consists of one Active Directory forest that contains two domains named domain1 and domain2. The functional level of the forest is Windows Server 2003.

All domain controllers run Windows Server 2003.

The relevant portion of the network is configured as shown in the exhibit.

All domain controllers for domain1 are in the hub sites.

All domain controllers for domain2 are in the spoke sites.

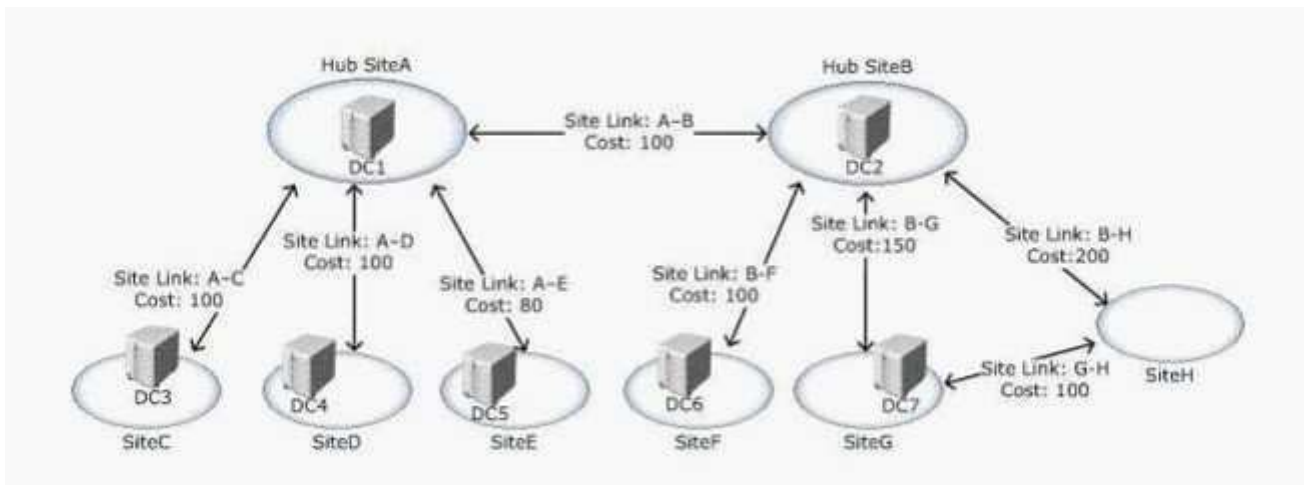
The Bridge all site links option is disabled.

You plan to deploy a read-only domain controller (RODC) in SiteH for domain2.

**You need to prepare the environment for the installation of the RODC.**

What should you do?

Exhibit:



- Upgrade DC7 to Windows Server 2008.
- Upgrade DC2 to Windows Server 2008.

- C. Lower site link costs between the satellite sites (SiteF, SiteG, and SiteH) and SiteB to 80.
- D. Enable the Bridge all site links option. Create a BH-AB site link bridge that includes the B-H and A-B site links.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 25**

Your network consists of one Active Directory domain.

You have a single site. You deploy a new Active Directory-integrated application on a server that runs Windows Server 2008.

The application sends a large number of LDAP queries to the domain controllers.

You plan to install a new domain controller to respond to the LDAP queries.

**You need to reduce the number of authentication requests client computers send to the new domain controller.**

What should you do?

- A. Create a new site and disable the Bridge all site links option.
- B. Create a new site. Move the application server and the new domain controller to the new site.
- C. Create a new organizational unit (OU). Move the application server and the new domain controller to the new OU.
- D. Create two new sites. Move the application server to one site and the new domain controller to another site. Create a new site link that connects the two sites.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 26**

All servers in an Active Directory Domain Services (AD DS) domain run Windows Server 2008 R2. All Remote Desktop Services (RDS) servers are in an organizational unit (OU) named RDS Servers. All computer security policy settings are configured in a Group Policy object (GPO) named Security Policy. The Security Policy GPO is linked to the domain.

A new GPO named RDS Security is linked to the RDS Servers OU.

You need to ensure that domain-linked GPOs are not applied to the RDS Servers OU.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Configure the Security Policy GPO to be enforced.
- B. Configure the domain to block inheritance.
- C. Link the Security Policy GPO to the RDS Servers OU.
- D. Configure the RDS Servers OU to block inheritance.
- E. Enable loopback processing in the RDS GPO.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:



## Exam F

### QUESTION 1

Your network consists of one Active Directory forest that contains one root domain and 10 child domains. Administrators of the child domains frequently modify the records for authoritative DNS servers for the child domain DNS zones.

**You need to recommend a solution to minimize the amount of manual configuration steps required to maintain name resolution on the network.**

What should you recommend?

- A. On the child domain DNS servers, create stub zones for the root domain zone.
- B. On the child domain DNS servers, configure conditional forwarders for the parent domain.
- C. On the root domain DNS servers, create stub zones for the child domain zones.
- D. On the root domain DNS servers, configure delegation subdomain records for the child domains.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Your network consists of one Active Directory domain. The domain contains servers that run Windows Server 2008.

**The relevant servers are configured as shown in the following table:**

Server name	Installed services
Server1	Active Directory Domain Services (AD DS)
Server2	Terminal Services

Your company has a department named Sales.

All users in the Sales department have desktop computers that run Windows Vista Enterprise Edition.

All users in the Sales department run an application named Application1 that is compatible only with Windows 95.

To run Application1, each user in the Sales department has a second desktop computer that runs Windows 95.

The Windows 95 computers must be removed from the network.

You use the Microsoft Application Compatibility Toolkit (ACT) 5.0 to test Application1. The test confirms that the application runs only on Windows 95 computers and must be redeveloped to be compatible with Windows Vista or Windows Server 2008.

**You need to recommend a solution that will enable you to remove the Windows 95 computers. Users in the Sales department must be able to continue running Application1.**

What should you do?

- A. Create a virtual machine that runs Windows 95 and Application1. Run the virtual machine on all computers in the Sales department by using Microsoft Virtual PC 2007.
- B. Create and link a Group Policy object (GPO) that publishes Application1 to all client computers in the Sales department. Configure Application1 to run as an administrator.
- C. Create and link a Group Policy object (GPO) that assigns Application1 to all client computers in the Sales department. Configure Application1 to run in compatibility mode for Windows 2000.
- D. Install Application1 on Server2. Configure Application1 to run in compatibility mode for Windows 95. Configure all computers in the Sales department to run the application through Terminal Services.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 3

Your network is connected to the Internet through a firewall.

Remote users connect to Microsoft Windows SharePoint Services (WSS) located on the internal network by using HTTPS.

Users require access to file servers located on the internal network.

**You need to ensure that remote users can connect to the file servers.**

**The solution must not require that any additional TCP ports be opened on the firewall.**

What should you do?

- A. Implement a PPTP virtual private network (VPN) solution.
- B. Implement an L2TP virtual private network (VPN) solution.
- C. Implement a Terminal Services Web Access (TS Web Access) solution.
- D. Implement a Secure Socket Tunneling Protocol (SSTP) virtual private network (VPN) solution.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 4

Your network consists of one Active directory domain.

The functional level of the domain is Windows Server 2008.

You have one organizational unit (OU) named AllUsers that contains all user accounts for the domain.

Your company has two departments named Sales and Engineering.

Each department has a department manager. Each department has a global security group that contains all department users.

**You need to prepare the environment to manage all user accounts.**

**The solution must meet the following requirements:**

- Sales department users must be required to reset their passwords every 30 days.
- Department managers must administer only users in their respective departments.
- Engineering department users must be required to reset their passwords every 45 days.
- The solution must be achieved by using the minimum amount of administrative effort.

What should you do?

- A. Delegate administration of the AllUsers OU to the department manager of each department. Modify the password policy for the domain.
- B. Create a new OU for each department. Delegate administration to the department manager of each OU. Create a new password policy for each global security group.
- C. Create a child domain for each department. Delegate administration to the department manager of each domain. Create a new password policy for each domain.

- D. Create a new OU for each department. Delegate administration to the department manager of each new OU. Create a new Group Policy object. Configure the password policy for the new GPO and link it to the OUs.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 5

Your network consists of one Active Directory forest that contains four Active Directory domains named Sales, Marketing, Finance, and IT.

The Finance domain contains a domain controller that runs Windows Server 2008.

The Sales, Marketing, and IT domains contain only domain controllers that run Windows Server 2003.

**You need to prepare the environment for the deployment of a read-only domain controller (RODC) in the Finance domain and in the IT domain. You must ensure that the RODC can advertise itself as a global catalog server.**

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

- A. Upgrade all DNS servers to Windows Server 2008.
- B. Run `adprep /domainprep` on the Sales, Marketing, and IT domains.
- C. Install a Windows Server 2008 writable domain controller in the IT domain.
- D. Configure the Windows Server 2008 domain controller in the finance domain as a global catalog server.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 6

Your network consists of one Active directory domain. The functional level of the domain is Windows Server 2008. The domain is configured as shown in the exhibit.

**You create four Group Policy objects (GPOs) as shown in the following table:**

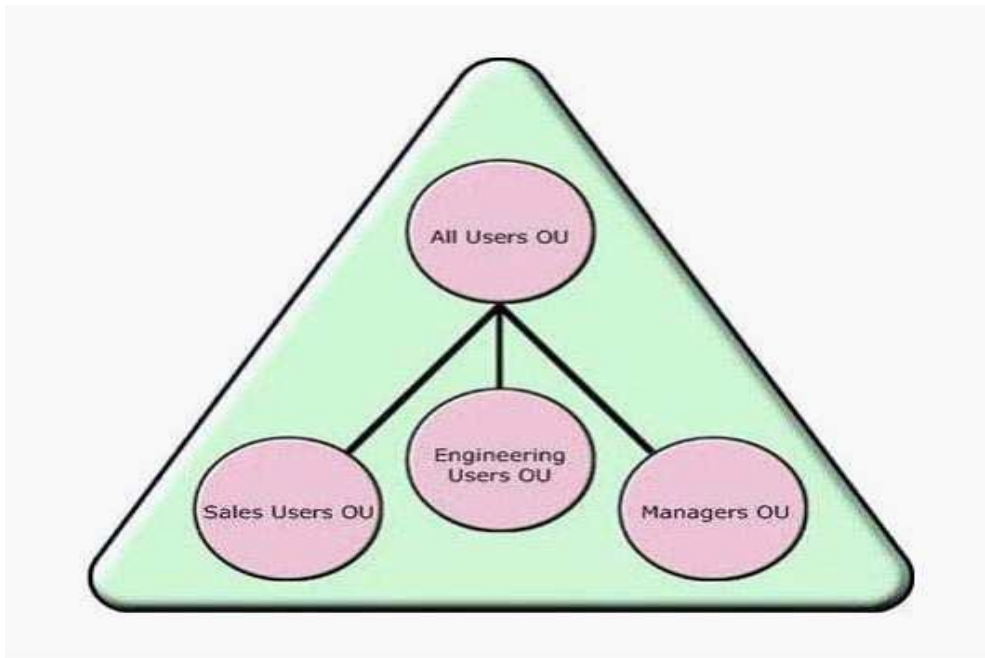
GPO name	GPO configuration
GPO1	Install the custom database application
GPO2	Install the line-of-business application
GPO3	Enable a universal serial bus (USB) printer device and block access to USB flash drives
GPO4	Enable access to USB flash drives

**You need to link the new GPOs to meet the following requirements:**

- All users must have access to a USB printer device.
- All users except the department managers must be denied access to USB flash drives.
- Both department managers must have access to USB flash drives and a USB printer device.
- Only users in the sales department must have the custom database application installed.
- Only users in the engineering department must have the line-of-business application installed.
- You must achieve this goal by using the minimum amount of administrative effort.

What should you do?

Exhibit:



- A. Link GPO1 to the Sales Users OU. Link GPO2 to the Engineering Users OU. Link GPO3 to the All Users OU. Link GPO4 to the Managers OU.
- B. Link GPO1 and GPO2 to the Sales Users OU and the Engineering Users OU. Link GPO3 to the domain and block inheritance for the Managers OU. Link GPO4 to the All Users OU.
- C. Link GPO1 and GPO2 to the Sales Users OU and the Engineering Users OU. Link GPO3 to the All Users OU. Link GPO4 to the domain and block inheritance for the All Users OU.
- D. Link GPO1 to the Sales Users OU. Link GPO2 to the Engineering Users OU. Link GPO3 to the All Users OU and block inheritance for the Managers OU. Link GPO4 to the Managers OU.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

Your network consists of one Active Directory forest that contains two domains.

All domain controllers run Windows Server 2003.

The network contains file servers that run Windows Server 2003 R2.

The files servers run DFS Replication.

The forest root domain is named contoso.com and the child domain is named corp.contoso.com.

You prepare the forest schema for the installation of domain controllers that run Windows Server 2008.

You prepare the corp.contoso.com domain. You install a new domain controller that runs Windows Server 2008 on corp.contoso.com.

**You need to plan an Active Directory implementation to meet the following requirements:**

- Enable DFS Replication support for SYSVOL on corp.contoso.com.
- Allow the installation of new domain controllers that run Windows Server 2003 in the forest root domain.

What should you include in your plan?

- A. Upgrade all file servers to Windows Server 2008.
- B. Run `adprep /domainprep /gpprep` on the `corp.contoso.com` domain and run `adprep /domainprep` on the `contoso.com` domain.
- C. Upgrade all Windows Server 2003 domain controllers to Windows Server 2008. Raise the functional level of the forest to Windows Server 2008.
- D. Upgrade the Windows Server 2003 domain controllers in `corp.contoso.com` to Windows Server 2008. Raise the `corp.contoso.com` domain functional level to Windows Server 2008.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 8

Your company has 10 offices.

Each office has 10 domain controllers that run Windows Server 2008.

The network consists of one Active directory domain. Each office has a local administrator.

You use domain-level Group Policy objects (GPO).

Office administrators have the necessary permissions to create and link domain-level Group Policy objects.

You create custom Administrative Template (.admx) files locally on a computer that runs Windows Vista.

**You need to implement a GPO management strategy to ensure that the administrators can access the .admx files and any future updates to the .admx files from each office. The solution must ensure that .admx files remain identical across the company.**

What should you do?

- A. In the domain, create a central store. Copy the custom .admx files to the central store.
- B. In each office, create a central store on a file server. Copy the custom .admx files to the central store.
- C. Create a GPO and link it to the domain. Add the .admx files to the GPO.
- D. Create a GPO and link it to the Domain Controllers organizational unit (OU). Add the custom .admx files to the GPO.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 9

Your company has 50 offices. Twenty offices are in North America and 30 offices are in Europe.

An Active Directory site exists for each office. The network consists of one Active directory domain.

All domain controllers run Windows Server 2008.

You use a domain-level Group Policy object (GPO) to install an application named App1 on all client computers.

**You need to deploy a GPO solution to meet the following requirements:**

- Maintain all settings applied by the existing GPOs.
- Deploy shared printers based on computer location.

What should you do?

- A. Create and link a GPO to each site to deploy the printers.
- B. Create and link the GPO to the domain to deploy the printers.

- C. Create a new organizational unit (OU) for Europe and a new OU for North America. Create and link the GPO to each new OU to deploy the printers.
- D. Install a child domain for Europe and a child domain for North America. Create and link a GPO to each domain to deploy the printers.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 10

Your network consists of 20 Active directory domains in a single forest.

The functional level of the forest is Windows Server 2008.

You company has 20 departments. A separate domain exists for each department.

Each domain has an organizational unit (OU) named DepartmentUsers that contains the respective domain users.

Each domain has its own IT department.

**You need to plan the consolidation of all the IT departments into a single IT department.**

**The solution must meet the following requirements:**

- IT administrators must be denied from making domain-wide changes.
- IT administrators must be able to administer users in all departments.
- Your solution must use the minimum amount of administrative effort.

What should you include in your plan?

- A. In one domain, create a universal group for all the IT administrators. Add the universal group to the Domain Admins group in each domain.
- B. In one domain, create a global group for all the IT administrators. Add the global group to the Domain Admins group in each domain.
- C. In one domain, create a universal group for all the IT administrators. Delegate administration of the DepartmentUsers OU in each domain to the universal group.
- D. In each domain, create a domain local group for the IT administrators. Delegate administration of the DepartmentUsers OU in each domain to the corresponding domain local group.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 11

Your company has one main office and 50 branch offices.

You have a wide area network (WAN) link that connects all branch offices to the main office.

The network consists of 10 Active Directory domains.

Users from all domains are located in the branch offices.

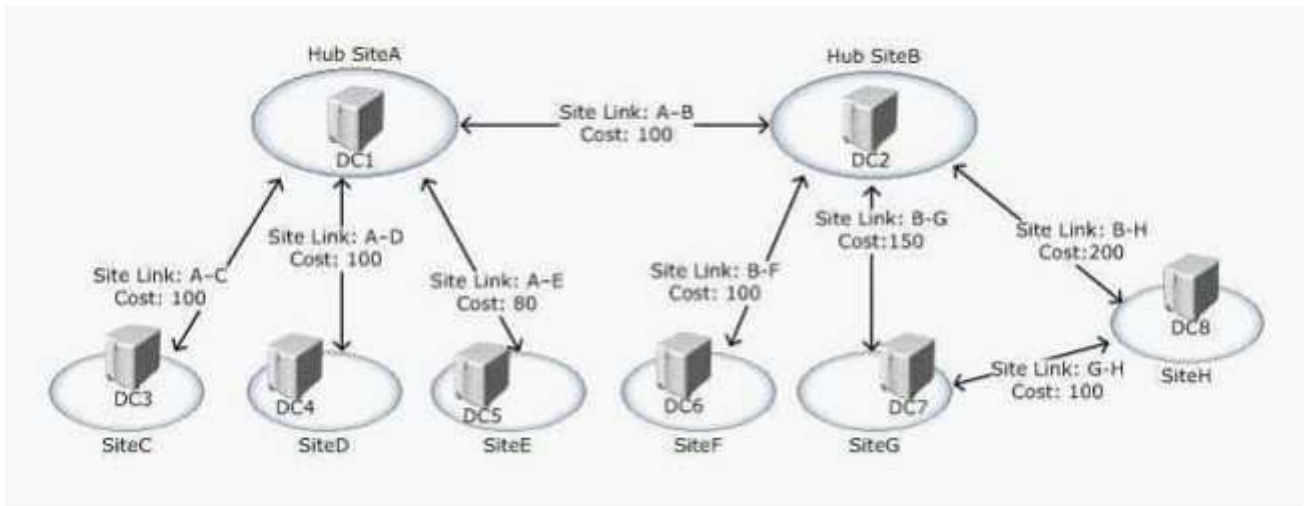
You plan to configure each branch office as an Active Directory site.

The domain is configured as shown in the exhibit.

**You need to plan the deployment of domain controllers in the branch offices to meet the following requirements:**

- Users must be able to log on if a WAN link fails.
- Minimize replication traffic between offices.

What should you include in your plan?  
Exhibit:



- A. Implement a domain controller in each branch office. Enable Universal Group Membership Caching.
- B. Implement a domain controller in each branch office. Configure DNS to use a single Active Directory-integrated zone.
- C. Implement a domain controller in each branch office. Configure the domain controller as a global catalog server.
- D. Implement a read-only domain controller (RODC) in each branch office. Configure the domain controller as a global catalog server.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 12

Your network consists of one Active Directory domain.  
All domain controllers run Windows Server 2003.

**You need to plan the forest and domain functional levels to support the following requirements:**

- Read-only domain controllers (RODC)
- Windows Server 2003 domain controllers

Which functional levels should you include in your plan?

- A. The forest functional level of Windows 2000 and the domain functional level of Windows Server 2003.
- B. The forest functional level of Windows Server 2003 and the domain functional level of Windows Server 2003.
- C. The forest functional level of Windows Server 2003 and the domain functional level of Windows Server 2008.
- D. The forest functional level of Windows Server 2008 and the domain functional level of Windows Server 2008.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 13**

Your network consists of one Active Directory domain.

The network contains one Active Directory site.

All domain controllers run Windows Server 2008.

You create a second Active Directory site and plan to install a domain controller that runs Windows Server 2008 in the new site.

You also plan to deploy a new firewall to connect the two sites.

**You need to enable the domain controllers to replicate between the two sites.**

Which traffic should you permit through the firewall?

- A. LDAP
- B. NetBIOS
- C. RPC
- D. SMTP

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 14**

Your company has one main office and one branch office.

An Active Directory site exists for each office.

The offices are connected across a wide area network (WAN) link.

Servers in both offices run Windows Server 2008.

**You need to plan a failover clustering solution for servers that run Microsoft SQL Server 2005.**

**The solution must meet the following requirements:**

- Withstand the failure of any single cluster node.
- Minimize the number of servers required to implement failover clustering.

What should you include in your plan?

- A. Deploy one single cluster that contains one cluster node on each site.
- B. Deploy one single cluster that contains two cluster nodes on each site.
- C. Deploy two separate clusters that contain one cluster node on each site.
- D. Deploy two separate clusters that contain two cluster nodes on each site.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 15**

Your network consists of one Windows Server 2008 domain.

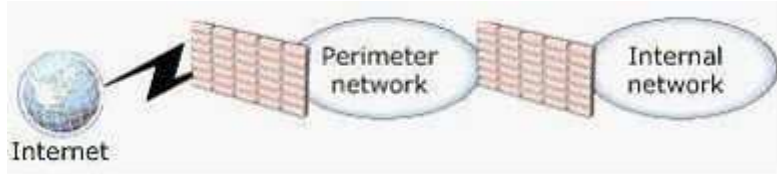
The network contains portable computers.



You configure a server that runs Windows Server 2008 as a Routing and Remote Access Service (RRAS) server.

Users connect remotely to the network through a virtual private network (VPN) connection to the RRAS server from both company-issued portable computers and non- company-issued computers.

**The relevant portion of the network is shown in the following diagram:**



**You need to prepare the environment to secure remote access to the network.**

**The solution must meet the following requirements:**

- Only computers that have Windows Firewall enabled can connect remotely.
- Only computers that have the most up-to-date antivirus definitions can connect remotely.
- Only computers that run Windows Vista and have the most up-to-date updates can connect remotely.

What should you do?

- A. Implement Authorization Manager.
- B. Implement Network Access Protection (NAP) on the perimeter network.
- C. Install a Microsoft Internet Security and Acceleration Server (ISA) 2006 on the network.
- D. Create a domain Group Policy object (GPO). Enable Windows Firewall and publish updated antivirus definitions in the GPO.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 16**

Your network contains two servers named Server1 and Server2 that run Windows Server 2008.

Microsoft System Center Operations Manager (SCOM) 2007 is installed on Server2.

The Hyper-V role is installed on Server1.

Server1 hosts five child virtual machines that run Windows Server 2003.

**You need to recommend a solution that enables administrators to monitor the child virtual machines.**

**The solution must gather the following data from the virtual machines:**

- Performance statistics
- Event data from the application log

What should you recommend?

- A. On Server1, install a SCOM agent.
- B. On each child virtual machine, install a SCOM agent.
- C. On Server2, install the Microsoft Virtual Server 2005 R2 Management Pack.
- D. On Server2, install Microsoft System Center Virtual Machine Manager (SCVMM) 2007.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Your network consists of one Active Directory domain that contains domain controllers that run Windows Server 2008.

The relative identifier (RID) operations master role for the domain fails and cannot be restored.

**You need to restore the RID master role on the network.**

What should you do?

- A. Run `netdom query /d:contoso.com fsmo`.
- B. From another domain controller, seize the RID operations master role.
- C. Force replication between all domain controllers, and then run the Server Manager.
- D. Force replication between all domain controllers, and then run the File Server Resource Manager (FSRM).

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

Your network contains two servers named Server1 and Server2 that run Windows Server 2008.

The servers have the Windows Server Hyper-V role installed.

You plan to host six virtual machines on Server1 and Server2.

You plan to enable host clustering on Server1 and Server2.

Each virtual machine will use Pass-Through Disk Access.

**You need to recommend a storage configuration solution for Server1 and Server2 to support the planned virtual machines.**

What should you recommend?

- A. Configure internal storage on Server1 to contain six RAID disk arrays. Configure internal storage on Server2 to contain six RAID disk arrays.
- B. Configure internal storage on Server1 to contain three RAID disk arrays. Configure internal storage on Server2 to contain three RAID disk arrays.
- C. Configure an iSCSI device to contain a logical unit number (LUN) mapped to one RAID array. Configure Server1 and Server2 to connect to the iSCSI device.
- D. Configure an iSCSI device to contain six logical unit numbers (LUN) mapped to six volumes on one RAID array. Configure Server1 and Server2 to connect to the iSCSI device.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 19**

Your network consists of one Active Directory forest that contains one domain.

The functional level of the forest is Windows 2000.

The functional level of the domain is Windows 2000 native.

Two domain controllers run Windows Server 2008 and three domain controllers run Windows Server 2003.

Service packs are not installed on any of the domain controllers. You plan to enable Windows BitLocker Drive Encryption (BitLocker) on all domain controllers.

**You need to store all BitLocker recovery information in Active Directory Domain Services (AD DS).**

What should you do first?

- A. Raise the forest functional level to Windows Server 2003.
- B. Raise the domain functional level to Windows Server 2003.
- C. Upgrade all Windows Server 2003 domain controllers to Windows Server 2008.
- D. Extend the Active Directory schema to include BitLocker and Trusted Platform Module (TPM) attributes.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 20**

Your network contains a server that runs Windows Server 2008. You plan to deploy a content management system on the server.

**You need to recommend a content management system to meet the following requirements:**

- Automatically protect documents that are uploaded to a central data store.
- Protect documents by preventing users from remotely printing sensitive corporate data.

What should you recommend?

- A. Enable Windows BitLocker Drive Encryption (BitLocker) on a Microsoft Windows SharePoint Services (WSS) 3.0 server.
- B. Enable Windows BitLocker Drive Encryption (BitLocker) on a Microsoft Office SharePoint Server (MOSS) 2007 server.
- C. Use Active Directory Rights Management Services (AD RMS) and Microsoft Office SharePoint Server (MOSS) 2007.
- D. Use Active Directory Rights Management Services (AD RMS) and Microsoft Windows SharePoint Services (WSS) 3.0.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 21**

Your company has one main office and 100 branch offices. The network consists of one Active Directory domain.

All domain controllers run Windows Server 2008.

The wide area network (WAN) links from the branch offices to the main office are unreliable.

A local administrator manages each branch office. Your company plans to add a new branch office.

You create a new organizational unit (OU) that contains all the computer accounts for the new branch office.

You configure a server in the main office to test all new software updates. You install Microsoft Windows Server Update Services (WSUS) 3.0.

**You need to implement an update management solution for the new branch office to meet the following**

**requirements:**

- Only approved updates must be installed in the branch office.
- Client computers must be able to download updates if a WAN link fails.
- Each branch office administrator must be able to approve updates before installation.

What should you do?

- A. In each branch office, install a WSUS 3.0 server as a replica server and configure it to download updates from the main office. Configure all computers to receive updates from their local WSUS server.
- B. In each branch office, install a WSUS 3.0 server as a child server and configure it to download updates from Microsoft Update. Configure all computers to receive updates from their local WSUS server.
- C. In the main office, install a WSUS 3.0 server as a child server and configure it to download updates from Microsoft Update. Configure all computers to receive updates from the new WSUS server.
- D. In the main office, install and configure a WSUS 3.0 server as a stand-alone server and configure it to download updates from Microsoft Update. Configure all computers to receive updates from the new WSUS server.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 22**

Your company has one main office and four branch offices. An Active Directory site exists for each office. The network consists of one Active Directory domain. All servers run Windows Server 2008. The branch offices are connected to the main office by slow and unreliable wide area network (WAN) links. Users complain that WAN link failures prevent them from accessing files on remote servers.

**You need to recommend a solution to maintain availability of files on the remote servers.**

**The solution must meet the following requirements:**

- Support scheduling of WAN link traffic.
- Enable the connection to resume immediately after a WAN link interruption.

What should you recommend?

- A. Use DFS Replication and replicate data to each branch office.
- B. Use the File Server Resource Manager (FSRM) and create file screens.
- C. Use the File Replication Service (FRS) and replicate data to each branch office.
- D. Configure separate DFS Namespaces on each branch office server.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 23**

Your network consists of one Active Directory domain. The domain contains servers that run Windows Server 2008.

**The relevant servers are configured as shown in the following table:**

Server name	Installed services
Server1	Active Directory Domain Services (AD DS)
Server2	Microsoft System Center Configuration Manager (SCCM)
Server3	Microsoft System Center Virtual Application Server (SCVAS)
Server4	Terminal Services

All client computers run Windows Vista. You plan to deploy two Java-based applications on all client computers. The two applications each require a different version of the Java Runtime Environment (JRE). After testing, you notice that the two JREs prevent the applications from running on the same computer.

**You need to recommend a solution that enables the two Java-based applications to run on all client computers.**

What should you recommend?

- A. Create two Windows Installer (MSI) packages that each contains one version of the JRE and one compatible application. On Server2, advertise both packages to all client computers.
- B. Create two Windows Installer (MSI) packages that each contains one version of the JRE and one compatible application. On Server1, create a Group Policy object (GPO) that assigns both packages to all client computers.
- C. Use the SoftGrid Sequencer to create two application packages that each contains one version of JRE and one compatible application. On Server3, stream both application packages to all client computers.
- D. Install the two JRE versions and the two Java-based applications on Server4. Configure all client computers to connect to the Java-based applications by using Terminal Services RemoteApp (TS RemoteApp).

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### QUESTION 24

Your company has a main office. The main office is configured as an Active Directory site. The network consists of one Active Directory domain.

All domain controllers run Windows Server 2008.

All DNS zones are Active Directory-integrated. Administrators frequently join new client computers to the domain.

You plan to deploy a new site in a new branch office. The new branch office is connected to the main office by using a single wide area network (WAN) link.

**You need to enable branch office administrators to successfully join computers to the domain if a WAN link fails. The solution must provide the highest level of security for the domain controllers.**

What should you do?

- A. Deploy a writable domain controller in the branch office site.
- B. Deploy an additional writable domain controller in the main site.
- C. Deploy a read-only domain controller (RODC) in the new site. Configure a stub zone in the main site.
- D. Deploy a read-only domain controller (RODC) in the new site. Configure a primary read-only zone in the branch office site.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

Your network consists of one Active directory domain.

All user accounts are in an organizational unit (OU) named AllUsers.

All computer accounts are in an OU named AllComputers.

You plan to make five line-of-business applications available to all users. The applications take two hours to install.

A single application named App1 will be updated monthly by being uninstalled and then reinstalled.

**You need to recommend an application delivery solution for the five line-of-business applications. The solution must meet the following requirements:**

- Users must be able to access the applications as quickly as possible.
- App1 must be uninstalled and reinstalled by using the minimum amount of administrative effort.
- Users must be able to access the applications from the Start menu or by opening files that are associated with App1.

What should you recommend?

- A. Create a new Group Policy object (GPO) to deploy the applications. Link the GPO to the AllUsers OU.
- B. Create a new Group Policy object (GPO) to deploy the applications. Link the GPO to the AllComputers OU.
- C. Install servers that run Windows Server 2008 and have the Terminal Services role installed. Install the applications on the servers and provide access to them by using Terminal Services Web Access (TS Web Access).
- D. Install servers that run Windows Server 2008 and have the Terminal Services role installed. Install the applications on the servers and provide access to them by using Terminal Services RemoteApp (TS RemoteApp).

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

Contoso, Ltd. is merging with Litware, Inc. Each company has an Active Directory Domain Services (AD DS) domain. All servers run Windows Server 2008 R2. A forest trust has been created between Contoso and Litware.

The Contoso domain contains an AD security group named Accounting.

You need to ensure that only members of the Accounting security group can access specific file shares on the Litware domain.

What should you recommend? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. In the Contoso domain, enable selective authentication. Grant the Allowed to authenticate permission to the Accounting group. Grant the Accounting group access to the file shares.
- B. In the Contoso domain, enable forest-wide authentication. Grant the Accounting group access to the file shares.
- C. In the Litware domain, enable forest-wide authentication. Grant the Accounting group access to the file shares.
- D. In the Litware domain, enable selective authentication. Grant the Allowed to authenticate permission to the

Accounting group. Grant the Accounting group access to the file shares.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Microsoft 70-647 Exam

Explanation:

## Exam G

### QUESTION 1 TESTLET OVERVIEW

#### Title: Northwind Traders

The following testlet will present a Case Study followed by [ 7 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Northwind Traders is a manufacturing company that has a main office and three branch offices.

#### **PLANNED CHANGES**

Northwind Traders plans to implement the following changes:

- Implement a remote access solution.
- Upgrade all of the client computers in the shipping department to Windows 7 Enterprise.
- Deny the users in east.northwindtraders.com access to the shared resources in contoso.com.
- Provide the users in the northwindtraders.com domain access to a shared folder in contoso.com.
- Deploy test computers that run either Windows 7 or Windows Server 2008 R2 in a lab environment.
- Deny the users in contoso.com access to the shared resources in both northwindtraders.com and east.northwindtraders.com.
- Evaluate whether to migrate all of the users in contoso.com to east.northwindtraders.com.

#### **EXISTING ENVIRONMENT**

Northwind Traders has five departments, including a shipping department. All of the client computers in the shipping department run Windows XP Service Pack 3 (SP3). All of the users in the shipping department run a line-of-business application named App1 that only runs on Windows XP.

#### **Existing Active Directory Environment**

The network contains two Active Directory forests named northwindtraders.com and contoso.com.

Northwindtraders.com contains two domains named northwindtraders.com and east.northwindtraders.com. Contoso.com contains one domain.

Forest trust relationships do not exist between the forests.

#### Existing Network Infrastructure

The network and the Internet are separated by a firewall.

The network contains the IPv4 subnets shown in the following table.

Office name	IPv4 subnet
Main	10.1.1.0/24
Branch1	10.1.2.0/24
Branch2	10.1.3.0/24
Branch3	10.1.4.0/24



## TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in their respective local office first.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

**Testlet 1: Northwind Traders**

**Question 1 of 7**

You are evaluating the procedures for recovering Active Directory in the event of a forest-wide failure.

You need to recommend a forest recovery strategy.

What should you include in the recommendation?

- A. Recover one global catalog server from each domain in the forest, and then modify the tombstone lifetime.
- B. Recover all of the Domain Controllers in the forest root domain, and then modify the garbage collection interval.
- C. Recover one Domain Controller in the forest, and then transfer all of the operation master roles from the recovered Domain Controller.
- D. Recover one Domain Controller from each domain in the forest, and then seize all of the operation master roles from the recovered Domain Controllers.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 3

**Testlet 1: Northwind Traders**

**Question 2 of 7**

You need to recommend a solution for App1 that supports the company's planned changes.

What should you include in the recommendation?

- A. Microsoft Application Virtualization (App-V).
- B. Microsoft Enterprise Desktop Virtualization (MED-V).
- C. Remote Desktop IP Virtualization.
- D. RemoteApp.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### PLANNED CHANGES

Northwind Traders plans to implement the following changes:

- Implement a remote access solution.
- Upgrade all of the client computers in the shipping department to Windows 7 Enterprise.
- Deny the users in east.northwindtraders.com access to the shared resources in contoso.com.
- Provide the users in the northwindtraders.com domain access to a shared folder in contoso.com.
- Deploy test computers that run either Windows 7 or Windows Server 2008 R2 in a lab environment.
- Deny the users in contoso.com access to the shared resources in both northwindtraders.com and east.northwindtraders.com.
- Evaluate whether to migrate all of the users in contoso.com to east.northwindtraders.com.

### EXISTING ENVIRONMENT

Northwind Traders has five departments, including a shipping department. All of the client computers in the shipping department run Windows XP Service Pack 3 (SP3). All of the users in the shipping department run a line-of-business application named App1 that only runs on Windows XP.

### TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in their respective local office first.

<http://technet.microsoft.com/en-us/library/ee872305.aspx>

### QUESTION 4

**Testlet 1: Northwind Traders**

**Question 3 of 7**

You are evaluating whether to deploy Read-Only Domain Controllers (RODCs) in the branch offices.

Which two technical requirements will be met by deploying the RODCs?

(Each correct answer presents a complete solution. **Choose Two**)

- A. Ensure that only smart card authentication is used for remote access.
- B. Reduce the security risk of having domain controller in an unsecure location.
- C. Minimize the amount of time it takes to restore deleted Active Directory objects.
- D. Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App-V is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in their respective local office first.

### QUESTION 5

**Testlet 1: Northwind Traders**

**Question 4 of 7**

You need to recommend a solution for deploying the test computers.

The solution must meet the company's technical requirements.

What should you include in the recommendation?

- A. Microsoft Application Virtualization (App-V).
- B. Microsoft Enterprise Desktop Virtualization (MED-V).
- C. Native-boot Virtual Hard Disks (VHDs).
- D. Windows Virtual PC.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

Northwind Traders plans to implement the following changes:

- Implement a remote access solution.
- Upgrade all of the client computers in the shipping department to Windows 7 Enterprise.
- Deny the users in east.northwindtraders.com access to the shared resources in contoso.com.
- Provide the users in the northwindtraders.com domain access to a shared folder in contoso.com.
- Deploy test computers that run either Windows 7 or Windows Server 2008 R2 in a lab environment.
- Deny the users in contoso.com access to the shared resources in both northwindtraders.com and east.northwindtraders.com.
- Evaluate whether to migrate all of the users in contoso.com to east.northwindtraders.com.

## TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in the respective local office first.

<http://technet.microsoft.com/en-us/library/ee872305.aspx>

### QUESTION 6

#### Testlet 1: Northwind Traders

#### Question 5 of 7

You need to recommend the number of Active Directory sites and subnet objects that must be configured to meet the company's technical requirements.

What should you recommend?

- A. One site and one subnet.
- B. Two sites and two subnets.
- C. Two sites and four subnets.
- D. Four sites and four subnets.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### COMPANY OVERVIEW

Northwind Traders is a manufacturing company that has a main office and three branch offices.



The network contains the IPv4 subnets shown in the following table.

Office name	IPv4 subnet
Main	10.1.1.0/24
Branch1	10.1.2.0/24
Branch2	10.1.3.0/24
Branch3	10.1.4.0/24

## TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in their respective local office first.

### QUESTION 7

#### Testlet 1: Northwind Traders

#### Question 6 of 7

You need to recommend a remote access solution that meets the company's technical requirements.

Which VPN protocol should you include in the recommendation?

- A. Internet Key Exchange version 2 (IKEv2).
- B. Layer 2 Tunneling Protocol (L2TP).
- C. Point-to-Point Tunneling Protocol (PPTP).
- D. Secure Socket Tunneling Protocol (SSTP).

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## TECHNICAL REQUIREMENTS

Northwind Traders must meet the following technical requirements:

- Centrally manage all client computers.
- Only open ports 80 and 443 on the external firewall.
- Ensure that only smart card authentication is used for remote access.
- Reduce the security risk of having a domain controller in an unsecure location.
- Minimize the amount of Active Directory replication traffic between the offices.
- Minimize the amount of time it takes to restore deleted Active Directory objects.
- Perform all operations by using an account that has the minimum number of rights.
- Ensure that App1 is available to users who are either connected to or disconnected from the network.
- Prevent Active Directory attributes that contain sensitive information from being stored in the branch offices.
- Ensure that when client computers authenticate, they always attempt to connect to a domain controller in the respective local office first.

### QUESTION 8

Testlet 1: Northwind Traders

Question 7 of 7

You need to recommend a trust configuration that supports the company's planned changes.

Which trust configuration should you include in the recommendation?

- A. A federated trust.
- B. A forest trust.
- C. A shortcut trust.
- D. An external trust.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### PLANNED CHANGES

Northwind Traders plans to implement the following changes:

- Implement a remote access solution.
- Upgrade all of the client computers in the shipping department to Windows 7 Enterprise.
- Deny the users in east.northwindtraders.com access to the shared resources in contoso.com.
- Provide the users in the northwindtraders.com domain access to a shared folder in contoso.com.
- Deploy test computers that run either Windows 7 or Windows Server 2008 R2 in a lab environment.
- Deny the users in contoso.com access to the shared resources in both northwindtraders.com and east.northwindtraders.com.
- Evaluate whether to migrate all of the users in contoso.com to east.northwindtraders.com.

<http://technet.microsoft.com/en-us/library/cc754612.aspx>

**Comments by Vrykolakas:** original was B. But no reason for *forest trust* and a lot for *external trust*.

## Exam H

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Proseware Inc.**

The following testlet will present a Case Study followed by [ 7 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Proseware Inc. is an international software development company that has three offices. The offices are located in New York, London, and Washington.

#### **PLANNED CHANGES**

Proseware plans to deploy a remote access solution and a centralized Windows Update solution on all client computers.

Proseware plans to consolidate 10 physical servers in a virtualization solution.

#### **EXISTING ENVIRONMENT**

The network contains client computers that run either Windows XP Service Pack 3 (SP3), Windows Vista Service Pack 2 (SP2), or Windows 7.

The network contains 10 client computers that run a UNIX-based operating system.

## Existing Active Directory Environment

The Active Directory contains the two domains shown in the exhibit. (Click the **Case Study Exhibits** button.)

The relevant domain controllers are configured as shown in the following table.

Domain controller name	Server role	Location
DC1.proseware.com	Global catalog	London
DC2.proseware.com	Global catalog	New York
DC3.proseware.com	None	Washington
DC1.litwareinc.com	Global catalog	London
DC2.litwareinc.com	None	London

The Active Directory sites are configured as shown in the exhibit. (Click the **Case Study Exhibits** button.)

Proseware has a sales department and a marketing department.

The relevant organizational units (OU) are configured as shown in the following table.

OU name	Domain	OU description
Proseware_Marketing	proseware.com	Users in the marketing department from the proseware.com domain
Proseware_Sales	proseware.com	Users in the sales department from the proseware.com domain
Litware_Marketing	litwareinc.com	Users in the marketing department from the litwareinc.com domain
Litware_Sales	litwareinc.com	Users in the sales department from the litwareinc.com domain

The relevant Group Policy objects (GPO) are configured as shown in the following table.

GPO name	Domain	Linked to
GPO1	proseware.com	Proseware_Marketing OU
GPO2	proseware.com	Proseware_Sales OU
GPO3	litwareinc.com	Litware_Marketing OU
GPO4	litwareinc.com	Litware_Sales OU Proseware_Sales OU



## Existing Network Infrastructure

Users from litwareinc.com regularly travel to the Washington office.

All of the client computers that authenticate to the domain controllers in the Washington office run Windows 7.

All servers are configured to audit logons by an administrator.

Each office has a Windows Server Update Services (WSUS) server. Each WSUS server is managed independently.

## Technical Requirements

Proseware must meet the following technical requirements:

- Remote network access must be encrypted.
- A report that contains the following information must be generated monthly:
  - All of the client computers that failed to install the latest Windows updates.
  - All of the Windows updates that are currently installed on the client computers.
  - Each failed attempt to log on to the servers by using the local Administrator account.
- The hardware and software assets on the client computers must be inventoried.
- Only client computers that have the latest antivirus definitions must be able to access the network.
- Client computers that run the UNIX-based operating system must be able to connect to shares on the file server.
- If DC3.proseware.com fails, all of the client computers in proseware.com that are in the Washington site must authenticate to a domain controller in the New York office.

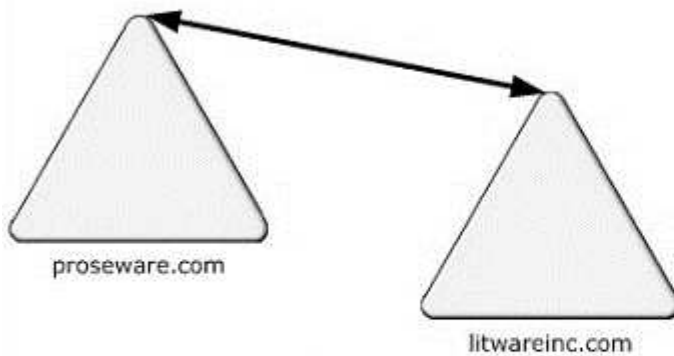
## User Requirements

Users in litwareinc.com report that it takes a long time to log on when they travel to the Washington office.

Users in the Proseware.com sales department report that it takes a long time to log on when they travel to the New York office. You verify that the users in the other Proseware departments log on in an acceptable amount of time.

## CASE STUDY EXHIBITS

### Active Directory Domains



### Active Directory Sites



A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

**Testlet 2: Proseware Inc.**

**Question 1 of 7**

You need to ensure that all of the users in **proseware.com** log on in an acceptable amount of time.

What should you recommend?

- A. Enable universal group membership caching in the New York office.
- B. Deploy an additional Domain Controller for **proseware.com** in the New York office.
- C. Remove the GPO4 link to the Proseware\_Sales OU. Link GPO4 to the New York office.
- D. Remove the GPO4 link to the Proseware\_Sales OU. Copy GPO4 to the **proseware.com** and link the copy to the Proseware\_Sales OU.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## User Requirements

Users in litwareinc.com report that it takes a long time to log on when they travel to the Washington office.

Users in the Proseware.com sales department report that it takes a long time to log on when they travel to the New office. You verify that the users in the other Proseware departments log on in an acceptable amount of time.

The Active Directory sites are configured as shown in the exhibit. (Click the **Case Study Exhibits** button.)

Proseware has a sales department and a marketing department.

The relevant organizational units (OU) are configured as shown in the following table.

OU name	Domain	OU description
Proseware_Marketing	proseware.com	Users in the marketing department from the proseware.com domain
Proseware_Sales	proseware.com	Users in the sales department from the proseware.com domain
Litware_Marketing	litwareinc.com	Users in the marketing department from the litwareinc.com domain
Litware_Sales	litwareinc.com	Users in the sales department from the litwareinc.com domain

The relevant Group Policy objects (GPO) are configured as shown in the following table.

GPO name	Domain	Linked to
GPO1	proseware.com	Proseware_Marketing OU
GPO2	proseware.com	Proseware_Sales OU
GPO3	litwareinc.com	Litware_Marketing OU
GPO4	litwareinc.com	Proseware_Sales OU

### QUESTION 3

#### Testlet 2: Proseware Inc.

#### Question 2 of 7

You need to identify which physical servers can be virtualized.

What should you use to identify the servers?

- A. Microsoft Assessment and Planning (MAP) Toolkit.
- B. Microsoft Asset Inventory Service (AIS).
- C. Microsoft System Center Essentials.
- D. Microsoft System Center Operations Manager.

E. Microsoft System Center Virtual Machine Manager (VMM).

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

Proseware plans to deploy a remote access solution and a centralized Windows Update solution on all client computers.

Proseware plans to consolidate 10 physical servers in a virtualization solution.

## Technical Requirements

Proseware must meet the following technical requirements:

- Remote network access must be encrypted.
- A report that contains the following information must be generated monthly:
  - All of the client computers that failed to install the latest Windows updates.
  - All of the Windows updates that are currently installed on the client computers.
  - Each failed attempt to log on to the servers by using the local Administrator account.
- The hardware and software assets on the client computers must be inventoried.
- Only client computers that have the latest antivirus definitions must be able to access the network.
- Client computers that run the UNIX-based operating system must be able to connect to shares on the file server.
- If DC3.proseware.com fails, all of the client computers in proseware.com that are in the Washington site must authenticate to a domain controller in the New York office.

## QUESTION 4

**Testlet 2: Proseware Inc.**

**Question 3 of 7**

You need to reduce the amount of time it takes for users in **litwareinc.com** to log on when they travel to Washington office.

Which two actions should you perform?

(Each correct answer presents part of the solution. **Choose Two**)

- A. Create site link bridge.
- B. In the Washington office, deploy a Domain Controller for **litwareinc.com**.
- C. In the Washington office, configure a Domain Controller as a global catalog server.
- D. Modify the properties of the site link between the Washington office and London office.
- E. Transfer the Primary Domain Controller (PDC) emulator role from **proseware.com** to **DC3.proseware.com**.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**User Requirements**

Users in litwareinc.com report that it takes a long time to log on when they travel to the Washington office.

Users in the Proseware.com sales department report that it takes a long time to log on when they travel to the New office. You verify that the users in the other Proseware departments log on in an acceptable amount of time.

**Existing Active Directory Environment**

The Active Directory contains the two domains shown in the exhibit. (Click the **Case Study Exhibits** button.)

The relevant domain controllers are configured as shown in the following table.

Domain controller name	Server role	Location
DC1.proseware.com	Global catalog	London
DC2.proseware.com	Global catalog	New York
DC3.proseware.com	None	Washington
DC1.litwareinc.com	Global catalog	London
DC2.litwareinc.com	None	London

deploy a Domain Controller for itwareinc.com.

**QUESTION 5**

**Testlet 2: Proseware Inc.**

**Question 4 of 7**

You need to recommend a remote access solution that meets the company's technical requirements?

What should you include in the recommendation?

- A. DirectAccess.
- B. Internet Key Exchange version 2 (IKEv2).
- C. Layer 2 Tunneling Protocol with Internet Protocol Security (L2TP/IPSec).
- D. Secure Socket Tunnel Protocol (SSTP).

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



## Technical Requirements

Proseware must meet the following technical requirements:

- Remote network access must be encrypted.
- A report that contains the following information must be generated monthly:
  - All of the client computers that failed to install the latest Windows updates.
  - All of the Windows updates that are currently installed on the client computers.
  - Each failed attempt to log on to the servers by using the local Administrator account.
- The hardware and software assets on the client computers must be inventoried.
- Only client computers that have the latest antivirus definitions must be able to access the network.
- Client computers that run the UNIX-based operating system must be able to connect to shares on the file server.
- If DC3.proseware.com fails, all of the client computers in proseware.com that are in the Washington site must authenticate to a domain controller in the New York office.

## EXISTING ENVIRONMENT

The network contains client computers that run either Windows XP Service Pack 3 (SP3), Windows Vista Service Pack 2 (SP2), or Windows 7.

The network contains 10 client computers that run a UNIX-based operating system.

### QUESTION 6

**Testlet 2: Proseware Inc.**

**Question 5 of 7**

You need to recommend an access solution for the UNIX-based client computers that meets the company's technical requirements.

What should you include in the recommendation?

- A. Password Synchronization.
- B. Server for Network Information Services (NIS).
- C. Services for Network File System (NFS).
- D. Subsystems for UNIX-based Applications (SUA).

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

## Technical Requirements

Proseware must meet the following technical requirements:

- Remote network access must be encrypted.
- A report that contains the following information must be generated monthly:
  - All of the client computers that failed to install the latest Windows updates.
  - All of the Windows updates that are currently installed on the client computers.
  - Each failed attempt to log on to the servers by using the local Administrator account.
- The hardware and software assets on the client computers must be inventoried.
- Only client computers that have the latest antivirus definitions must be able to access the network.
- Client computers that run the UNIX-based operating system must be able to connect to shares on the file server.
- If DC3.proseware.com fails, all of the client computers in proseware.com that are in the Washington site must authenticate to a domain controller in the New York office.

### QUESTION 7

Testlet 2: Proseware Inc.

Question 6 of 7

You need to recommend a reporting solution that meets the company's technical requirements.

What should you include in the recommendation?

- A. Data Collector Sets (DCSs).
- B. Microsoft System Center Configuration Manager 2007 R2.
- C. Microsoft System Center Operation Manager 2007 R2.
- D. Windows Server Update Services (WSUS) Reporting Rollup.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

## Technical Requirements

Proseware must meet the following technical requirements:

- Remote network access must be encrypted.
- A report that contains the following information must be generated monthly:
  - All of the client computers that failed to install the latest Windows updates.
  - All of the Windows updates that are currently installed on the client computers.
  - Each failed attempt to log on to the servers by using the local Administrator account.
- The hardware and software assets on the client computers must be inventoried.
- Only client computers that have the latest antivirus definitions must be able to access the network.
- Client computers that run the UNIX-based operating system must be able to connect to shares on the file server.
- If DC3.proseware.com fails, all of the client computers in proseware.com that are in the Washington site must authenticate to a domain controller in the New York office.

**QUESTION 8**  
**Testlet 2: Proseware Inc.**  
**Question 7 of 7**

You need to recommend an Active Directory solution for the Washington office that meets the company's technical requirements.

What should you include in the recommendation?

- A. Disable site link bridging for IP Inter-Site Transport.
- B. Enable the Try Next Closest Site Group Policy setting.
- C. Set the site link cost of the site link between the Washington office and the New York office to 1.
- D. Create site link between the Washington office and the London office. Set the site link cost to 11.

**Correct Answer: B**  
**Section: (none)**  
**Explanation**

**Explanation/Reference:**

### Technical Requirements

Proseware must meet the following technical requirements:

- Remote network access must be encrypted.
- A report that contains the following information must be generated monthly:
  - All of the client computers that failed to install the latest Windows updates.
  - All of the Windows updates that are currently installed on the client computers.
  - Each failed attempt to log on to the servers by using the local Administrator account.
- The hardware and software assets on the client computers must be inventoried.
- Only client computers that have the latest antivirus definitions must be able to access the network.
- Client computers that run the UNIX-based operating system must be able to connect to shares on the file server.
- If DC3.proseware.com fails, all of the client computers in proseware.com that are in the Washington site must authenticate to a domain controller in the New York office.

### Existing Network Infrastructure

Users from litwareinc.com regularly travel to the Washington office.

All of the client computers that authenticate to the domain controllers in the Washington office run Windows 7.

All servers are configured to audit logons by an administrator.

Each office has a Windows Server Update Services (WSUS) server. Each WSUS server is managed independently.



## Active Directory Sites



## Exam I

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Lucerne Publishing**

The following testlet will present a Case Study followed by [ 11 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **Company Overview**

Lucerne Publishing is a large publishing company that recently purchased a company named Contoso, Ltd.

#### **Physical Locations**

Lucerne Publishing has a main office located in Seattle.

#### **Active Directory Environment**

The network contains two Active Directory forests named lucernepublishing.com and contoso.com. The forests are configured as shown in the exhibit. (Click the **Case Study Exhibits** button.)

All of the domains in both of the forests contain domain controllers that run Windows Server 2003 R2. All of the domain controllers are configured as DNS servers.

Lucernepublishing.com contains a single Active Directory site.

#### **Network Infrastructure**

The network infrastructure of lucernepublishing.com contains the following servers and applications:

- An enterprise root certification authority (CA).
- A Microsoft Exchange Server 2010 organization.
- Thirty servers that run Windows Server 2008 R2. The servers have the following configurations:
  - The servers have the Remote Desktop Services (RDS) server role installed.
  - The servers provide access to several line-of-business applications.
  - Only 10 of the servers have a line-of-business application named App2 installed. App2 is incompatible with the other line-of-business applications.
- A domain based Distributed File System (DFS) namespace named Public that is hosted on a server in the main office.

All client computers run Windows 7 and have Microsoft Outlook 2010 installed.

#### **Business Goals**

Lucerne Publishing has the following business goals:

- Minimize software costs.
- Minimize the amount of administrative effort required to deploy new technology solutions.

## Planned Changes

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

## Technical Requirements

Lucerne Publishing must meet the following technical requirements:

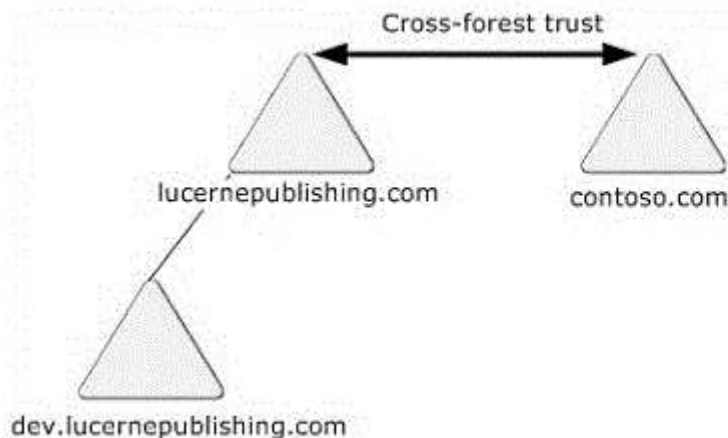
- Centralize performance and availability monitoring of the Remote Desktop servers.
- Centralize the collection of all security-related events generated on the Remote Desktop servers.

## Security Requirements

Lucerne Publishing must meet the following technical requirements:

- Only client computers that are joined to the domain must be able to access the wireless networks.
- The hours during which the client computers can connect to the wireless network must be controlled.

## EXHIBITS



A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 2**

**Testlet 3: Lucerne Publishing**

**Question 1 of 11**

You to recommend changes to the Active Directory environment that support the company's planned migration of the **contoso.com** users.

What should you include in the recommendation?

- A. Kerberos delegation.
- B. Selective authentication.
- C. Service Principal Names (SPNs).
- D. SID History.

**Correct Answer: D**

**Section: Exam I**

**Explanation**

**Explanation/Reference:**

**Planned Changes**

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

[http://technet.microsoft.com/en-us/library/cc736615\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc736615(WS.10).aspx)

**QUESTION 3**

**Testlet 3: Lucerne Publishing**

**Question 2 of 11**

You are evaluating raising the functional level of the **contoso.com** forest to the Windows Server 2008 R2.

You need to recommend which changes to the network must be implemented before raising the functional level of the forest.

You want to achieve this goal by using the minimum amount of administrative effort.

What should you recommend?

- A. Upgrade all of the Domain Controllers in both forests to Windows Server 2008 R2.

- B. Upgrade all of the Domain Controllers in **contoso.com** forest to Windows Server 2008 R2.
- C. In the **contoso.com** forest and **lucernepublishing.com** forest, install a new Domain Controller that runs Windows Server 2008 R2.
- D. In the **contoso.com** forest, install a new Domain Controller that runs Windows Server 2008 R2. Transfer the schema master role and the domain naming master role to the new Domain Controller.

**Correct Answer:** B

**Section:** Exam I

**Explanation**

**Explanation/Reference:**

## Existing Environment

### Active Directory Environment

The network contains two Active Directory forests named **lucernepublishing.com** and **contoso.com**. The forests are configured as shown in the exhibit. (Click the **Case Study Exhibits** button.)

All of the domains in both of the forests contain domain controllers that run Windows Server 2003 R2. All of the domain controllers are configured as DNS servers.

## QUESTION 4

**Testlet 3: Lucerne Publishing**

**Question 3 of 11**

You are evaluating the deployment of a server to host the Public DFS namespace in the branch office.

You need to recommend changes to the network to ensure that users in the branch office connect to the local DFS server when they access the Public namespace.

What should you include in the recommendation?

- A. Configure the RODC as a DNS server.
- B. Configure the RODC as a global catalog server.
- C. Create an Active Directory site for the branch office.
- D. Modify the referrals settings of the Public namespace.

**Correct Answer:** C

**Section:** Exam I

**Explanation**

**Explanation/Reference:**



## Planned Changes

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

## QUESTION 5

### Testlet 3: Lucerne Publishing

#### Question 4 of 11

You need to recommend a monitoring solution for the Remote Desktop servers that meets the company's technical requirements.

What should you include in the recommendation?

- A. Advanced security audit policy.
- B. Event subscriptions.
- C. Microsoft System Center Configuration Manager.
- D. Microsoft System Center Operation Manager.

**Correct Answer:** D

**Section:** Exam I

**Explanation**

**Explanation/Reference:**

### Technical Requirements

Lucerne Publishing must meet the following technical requirements:

- Centralize performance and availability monitoring of the Remote Desktop servers.
- Centralize the collection of all security-related events generated on the Remote Desktop servers.

**Comments by Vrykolakas:** original was B. But *Event subscriptions* cannot *monitor* performance. SCOM does

## QUESTION 6

### Testlet 3: Lucerne Publishing

#### Question 5 of 11

You need to recommend changes to the network that support the company's planned deployment of the RODC.

You want to achieve this goal by using the minimum amount of administrative effort.

What should you recommend?

- A. Upgrade all Domain Controller to Windows Server 2008 R2.
- B. Deploy a new Domain Controller that runs Windows Server 2008 R2.
- C. Create new Active Directory site and enable universal group membership caching.
- D. Create new Active Directory site and move a global catalog server to the new site.

**Correct Answer:** B

**Section:** Exam I

**Explanation**

**Explanation/Reference:**

### Existing Environment

#### Active Directory Environment

The network contains two Active Directory forests named lucernepublishing.com and contoso.com. The forests are configured as shown in the exhibit. (Click the **Case Study Exhibits** button.)

All of the domains in both of the forests contain domain controllers that run Windows Server 2003 R2. All of the domain controllers are configured as DNS servers.

#### Planned Changes

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

### QUESTION 7

#### Testlet 3: Lucerne Publishing

#### Question 6 of 11

You need to recommend changes to the network infrastructure that support the company's planned deployment of App5.

What should you include in the recommendation?

- A. Implementation of IPSec.
- B. Implementation of IPv6 tunneling.
- C. Modification to the existing DHCP infrastructure.
- D. Modification to the existing DNS infrastructure.

**Correct Answer:** C

**Section:** Exam I

**Explanation**

**Explanation/Reference:**

**Planned Changes**

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

**QUESTION 8**

**Testlet 3: Lucerne Publishing**

**Question 7 of 11**

You are evaluating the deployment of Exchange Server 2010 server in the new branch office.

The Exchange server will be configured as a DNS server.

You need to recommend a solution to ensure that the Exchange server can send e-mail to the Internet if the WAN link to Seattle fails.

What should you include in the recommendation?

- A. Deploy a writable catalog server.
- B. Enable universal group membership caching.
- C. Install the SMTP Server feature on the RODC.
- D. Configure the RODC as a global catalog server.

**Correct Answer:** A

**Section:** Exam I

**Explanation**

**Explanation/Reference:**

**Planned Changes**

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

**Exchange must be installed on Global Catalog Writable Server!!!!**



## QUESTION 9

### Testlet 3: Lucerne Publishing

#### Question 8 of 11

You need to recommend an access strategy for the wireless network that meets the company's security requirements.

What should you include in the recommendation?

- A. IP filtering and Secure Socket Layer Protocol (SSTP).
- B. IPSec and Microsoft Forefront Unified Access Gateway (UAG) 2010.
- C. RADIUS authentication and Network Policy Server (NPS) policies.
- D. Wired Equivalent Privacy (WEP) and Group Policy Objects (GPOs).

**Correct Answer: C**

**Section: Exam I**

**Explanation**

**Explanation/Reference:**

#### Planned Changes

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- Deploy a new line-of-business application named App5 on the Remote Desktop servers. App5 will use Remote Desktop IP Virtualization.
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

## QUESTION 10

### Testlet 3: Lucerne Publishing

#### Question 9 of 11

You need to recommend an application deployment solution to ensure the App2 can run on all of the Remote Desktop servers.

What should you include in the recommendation?

- A. Group Policy Objects (GPOs) that contain application control policies.
- B. Group Policy Objects (GPOs) that contain software installation settings.
- C. Microsoft Application Virtualization (App-V).
- D. Microsoft Enterprise Desktop Virtualization (MED-V).

**Correct Answer: C**

**Section: Exam I**

**Explanation**

**Explanation/Reference:**

**Network Infrastructure**

The network infrastructure of lucernepublishing.com contains the following servers and applications:

- An enterprise root certification authority (CA).
- A Microsoft Exchange Server 2010 organization.
- Thirty servers that run Windows Server 2008 R2. The servers have the following configurations:
  - The servers have the Remote Desktop Services (RDS) server role installed.
  - ~~The servers provide access to several line-of-business applications.~~
  - Only 10 of the servers have a line-of-business application named App2 installed. App2 is incompatible with the other line-of-business applications.
- A domain based Distributed File System (DFS) namespace named Public that is hosted on a server in the main office.

All client computers run Windows 7 and have Microsoft Outlook 2010 installed.

**QUESTION 11**

**Testlet 3: Lucerne Publishing**

**Question 10 of 11**

You need to recommend changes to the network infrastructure that support the company's planned AD RMS deployment.

What should you include in the recommendation?

- A. Active Directory Federation Services (AD FS) 2.0.
- B. Active Directory Lightweight Directory Services (AD LDS).
- C. Microsoft SharePoint Foundation 2010.
- D. Microsoft SQL Server 2008 R2.

**Correct Answer: D**

**Section: Exam I**

**Explanation**

**Explanation/Reference:**

**Planned Changes**

Lucerne Publishing plans to implement the following changes:

- Deploy Active Directory Rights Management Services (AD RMS) to the lucernepublishing.com forest.
- ~~Deploy a new line-of-business application named Apps on the Remote Desktop servers. Apps will use Remote Desktop IP Virtualization.~~
- Deploy 150 wireless access points (WAPs) that support Wi-Fi Protected Access 2 security running in Enterprise mode (WPA2-Enterprise).
- Migrate several users from contoso.com to lucernepublishing.com. The migrated users must continue to have access to the resources in the contoso.com forest.
- Open a new branch office that will have a read-only domain controller (RODC) in the contoso.com forest. The new branch office will connect to the Seattle office by using a WAN link and will have a direct connection to the Internet.

**QUESTION 12**

**Testlet 3: Lucerne Publishing**

**Question 11 of 11**

You are evaluating the addition of a new domain named **nwtraders.com** to the contoso.com forest.

You need to ensure that all users in both forests can access the resources in **nwtraders.com** by using their User Principal Name (UPN).

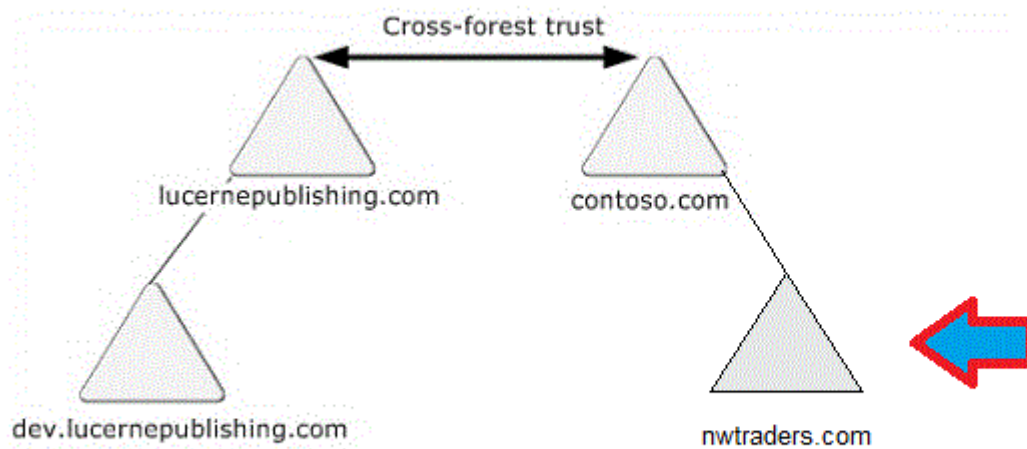
- A. Add additional UPN suffixes to the **contoso.com** forest.
- B. Add additional UPN suffixes to the **lucernepublishing.com** forest.
- C. Configure name suffix routing in the **contoso.com** forest.
- D. Configure name suffix routing in the **lucernepublishing.com** forest.

**Correct Answer: D**

**Section: Exam I**

**Explanation**

**Explanation/Reference:**



**Comments by Vrykolakas:** original was C. But *D* is right.

## Exam J

### QUESTION 1 TESTLET OVERVIEW

#### **Title: City Power & Light**

The following testlet will present a Case Study followed by [ 12 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **Company Overview**

City Power & Light is a public utilities company. City Power & Light has a main office and 500 branch offices.

#### **Existing Environment**

##### **Active Directory Environment**

The forest and domain structure is shown in the exhibit. (Click the **Case Study Exhibits** button.)

All domain controllers were recently upgraded to Windows Server 2003 R2.

City Power & Light has a public key infrastructure (PKI) that has the following configurations:

- An enterprise root certification authority (CA) in the cpandl.com domain.
- A certificate revocation list (CRL) and a delta CRL that are only published to Active Directory.
- EFS, Domain Controller, Domain Controller Authentication, and Directory E-Mail Replication certificates are issued by the CA.

City Power & Light has a partner company name Contoso, Ltd. Contoso has an Active Directory forest that contains an empty root domain named contoso.com and a child domain named east.contoso.com. No trusts exist between the forests.

##### **Network Infrastructure**

The City Power & Light network contains the following servers and applications:

- Fifty different corporate applications.
- A Microsoft Exchange Server 2003 organization.
- A server named Server1 in the east.cpandl.com domain. Server1 runs Windows Server 2008 R2.

The east.contoso.com domain contains a server named Server22 that runs Windows Server 2008 R2.

##### **Problem Statements**

Users who use multiple client computers report that they can only open encrypted files on the client computer on which they encrypted the files.

## Business Goals

City Power & Light has the following business goals:

- Minimize IT costs.
- Significantly decrease the power consumption of the data centers.

## Planned Changes

City Power & Light plans to implement the following changes:

- Deploy a read-only domain controller (RODC) in each branch office.
- Deploy a smart card to each branch office user and require that the users log on by using the smart cards.
- Grant users from a local university access to the City Power & Light resources. The university uses a third-party Kerberos authentication provider.
- Deploy a line-of-business application named App1 that meets the following requirements:
  - App1 will be deployed on four servers that have the Remote Desktop Session Host (RD Session Host) role service installed.
  - Users who connect to App1 must be distributed between the RD Session Host servers.
  - Users that connect to App1 must automatically reconnect to their disconnected sessions.

City Power & Light plans to implement a new branch office in a remote location. A child domain in cpandl.com will be created for the remote office. The remote office will have a high latency, low bandwidth connection to the Internet. RPC communication to the main office will not be possible.

## Technical Requirements

City Power & Light must meet the following technical requirements:

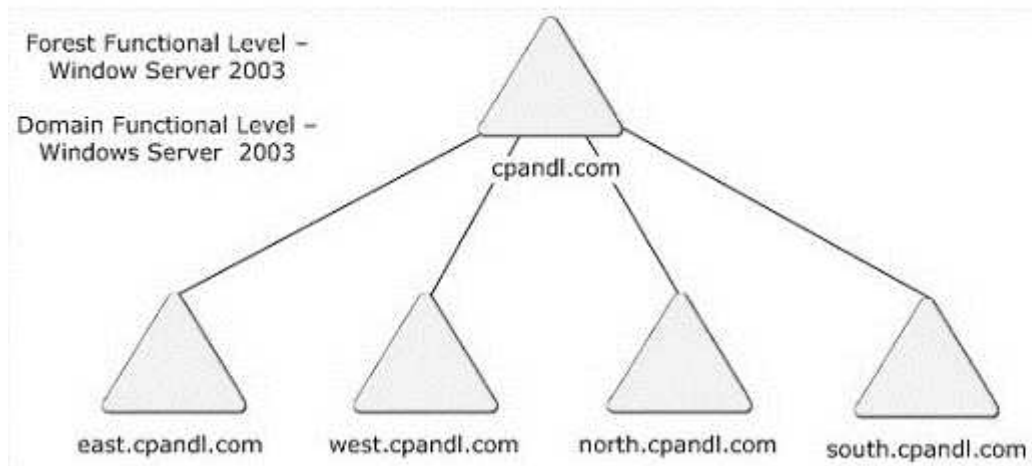
- The amount of bandwidth used to replicate SYSVOL between the domain controllers must be minimized.
- If users forget their passwords, they must be able to reset their passwords without administrative intervention.
- Users must be able to initiate the installation of all 50 corporate applications from Programs and Features on the client computers.
- Computer accounts for all client computers joined to a domain must automatically be created in an organizational unit (OU) named Workstations.

## Security Requirements

City Power & Light must meet the following security requirements:

- Administrative accounts and non-administrative accounts must have different password policies.
- All communication between server1.east.cpandl.com and server22.east.contoso.com must be encrypted.
- All Kerberos authentication traffic must be encrypted by using the Advanced Encryption Standard (AES) algorithm that has a 256-bit key size.

## EXHIBITS



A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

Testlet 4: City Power & Light

Question 1 of 12

You need to recommend an access solution for App1 that supports the company's planned changes.

What should you include in the recommendation?

- A. Failover Clustering.
- B. Network Load Balancing (NLB).
- C. Remote Desktop Connection Broker (RD Connection Broker).
- D. Remote Desktop Gateway (RD Gateway).

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### Planned Changes

City Power & Light plans to implement the following changes:

- Deploy a read-only domain controller (RODC) in each branch office.
- Deploy a smart card to each branch office user and require that the users log on by using the smart cards.
- Grant users from a local university access to the City Power & Light resources. The university uses a third-party Kerberos authentication provider.
- Deploy a line-of-business application named App1 that meets the following requirements:
  - App1 will be deployed on four servers that have the Remote Desktop Session Host (RD Session Host) service installed.
  - Users who connect to App1 must be distributed between the RD Session Host servers.
  - Users that connect to App1 must automatically reconnect to their disconnected sessions.

City Power & Light plans to implement a new branch office in a remote location. A child domain in cpandl.com will be created for the remote office. The remote office will have a high latency, low bandwidth connection to the Internet. RPC communication to the main office will not be possible.

### QUESTION 3

Testlet 4: City Power & Light

Question 2 of 12

Which requirement can be implemented based on the current functional level of the domain?

- A. Administrative accounts and non-administrative accounts must have different password policies.
- B. The amount of bandwidth used to replicate SYSVOL between the Domain Controllers must be minimized.
- C. Computer accounts for all client computers joined to a domain must be created in an Organizational Unit (OU) named Workstations.
- D. All Kerberos authentication traffic must be encrypted by using the Advanced Encryption Services (AES) algorithm that has a 256-bit key size.

**Correct Answer: C**

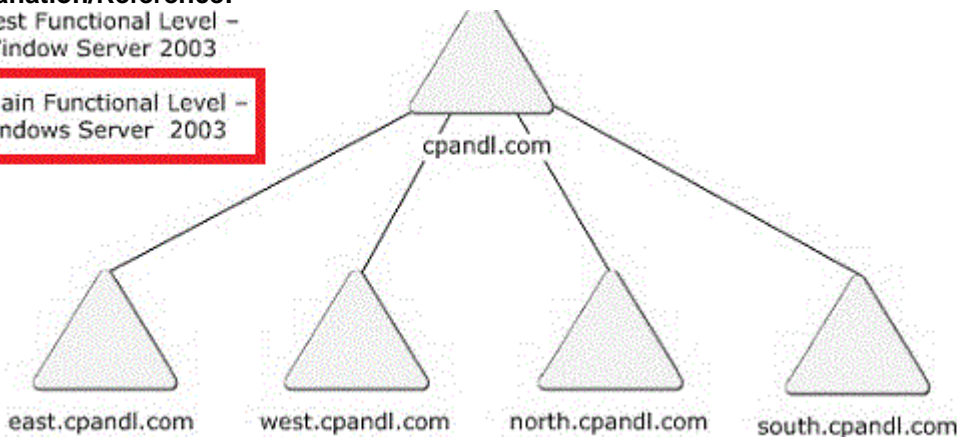
**Section: (none)**

**Explanation**

**Explanation/Reference:**

Forest Functional Level -  
Windows Server 2003

Domain Functional Level -  
Windows Server 2003



### QUESTION 4

Testlet 4: City Power & Light

Question 3 of 12

You need to recommend a solution to ensure that all branch office users can log on by using their smart cards after the RODCs are deployed.

What should you recommend?

- A. Modify the certificate templates.
- B. Modify the RODC filtered attribute set.
- C. Deploy an issuing CA in each branch office.
- D. Enable password caching for each branch office user.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**Planned Changes**

City Power & Light plans to implement the following changes:

- Deploy a read-only domain controller (RODC) in each branch office.
- Deploy a smart card to each branch office user and require that the users log on by using the smart cards.
- Grant users from a local university access to the City Power & Light resources. The university uses a third-party Kerberos authentication provider.
- Deploy a line-of-business application named App1 that meets the following requirements:
  - App1 will be deployed on four servers that have the Remote Desktop Session Host (RD Session Host) role service installed.
  - Users who connect to App1 must be distributed between the RD Session Host servers.
  - Users that connect to App1 must automatically reconnect to their disconnected sessions.

City Power & Light plans to implement a new branch office in a remote location. A child domain in cpandl.com will be created for the remote office. The remote office will have a high latency, low bandwidth connection to the Internet. RPC communication to the main office will not be possible.

**QUESTION 5**

**Testlet 4: City Power & Light**

**Question 4 of 12**

You need to recommend a solution for resetting forgotten user passwords.

The solution must meet the company's technical requirements.

What should you include in the recommendation?

- A. Active Directory Rights Management Services (AD RMS).
- B. Active Directory Web Services (AD WS).
- C. Microsoft Forefront Identity Manager (FIM) 2010.
- D. Microsoft Forefront Unified Access Gateway (UAG) 2010.

**Correct Answer:** C

**Section:** (none)

**Explanation**



**Explanation/Reference:**

**Technical Requirements**

City Power & Light must meet the following technical requirements:

- The amount of bandwidth used to replicate SYSVOL between the domain controllers must be minimized.
- **If users forget their passwords, they must be able to reset their passwords without administrative intervention.**
- Users must be able to initiate the installation of all 50 corporate applications from Programs and Features on client computers.
- Computer accounts for all client computers joined to a domain must automatically be created in an organizational unit (OU) named Workstations.

**QUESTION 6**

**Testlet 4: City Power & Light**

**Question 5 of 12**

You need to recommend changes to the Active Directory environment to provide the university users access to the resources in the **cpandl.com** forest.

What should you recommend creating in the **cpandl.com** forest?

- A. A one-way incoming external trust.
- B. A one-way incoming realm trust.
- C. A one-way outgoing external trust.
- D. A one-way outgoing realm trust.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**Planned Changes**

City Power & Light plans to implement the following changes:

Third party = non Microsoft !!!!!!!!!!!!!!!!!!!!!!!

- Deploy a read-only domain controller (RODC) in each branch office.
- ~~Deploy a smart card to each branch office user and require that the users log on by using the smart cards.~~
- **Grant users from a local university access to the City Power & Light resources. The university uses a third-party Kerberos authentication provider.**
- Deploy a line-of-business application named App1 that meets the following requirements:
  - App1 will be deployed on four servers that have the Remote Desktop Session Host (RD Session Host) role service installed.
  - Users who connect to App1 must be distributed between the RD Session Host servers.
  - Users that connect to App1 must automatically reconnect to their disconnected sessions.

City Power & Light plans to implement a new branch office in a remote location. A child domain in cpandl.com will be created for the remote office. The remote office will have a high latency, low bandwidth connection to the Internet. RPC communication to the main office will not be possible.

**QUESTION 7**

**Testlet 4: City Power & Light**

**Question 6 of 12**

You need to recommend a solution for securing the communication between **server1.east.cpandl.com** and

server22.east.contoso.com.

The solution must meet the company's security requirements.

What should you include in the recommendation?

- A. IPsec AH that uses Kerberos V5 authentication.
- B. IPsec AH that uses public key certificates.
- C. IPsec ESP that uses Kerberos V5 authentication.
- D. IPsec ESP that uses public key certificates.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### Security Requirements

City Power & Light must meet the following security requirements:

- Administrative accounts and non-administrative accounts must have different password policies.
- All communication between server1.east.cpandl.com and server22.east.contoso.com must be encrypted.
- All Kerberos authentication traffic must be encrypted by using the Advanced Encryption Standard (AES) algorithm that has a 256-bit key size.

#### Active Directory Environment

The forest and domain structure is shown in the exhibit. (Click the **Case Study Exhibits** button.)

All domain controllers were recently upgraded to Windows Server 2003 R2.

City Power & Light has a public key infrastructure (PKI) that has the following configurations:

- An enterprise root certification authority (CA) in the cpandl.com domain.
- A certificate revocation list (CRL) and a delta CRL that are only published to Active Directory.
- EFS, Domain Controller, Domain Controller Authentication, and Directory E-Mail Replication certificates are issued by the CA.

City Power & Light has a partner company name Contoso, Ltd. Contoso has an Active Directory forest that contains an empty root domain named contoso.com and a child domain named east.contoso.com. No trusts exist between the forests.

#### Network Infrastructure

The City Power & Light network contains the following servers and applications:

- Fifty different corporate applications.
- A Microsoft Exchange Server 2003 organization.
- A server named Server1 in the east.cpandl.com domain. Server1 runs Windows Server 2008 R2.

The east.contoso.com domain contains a server named Server22 that runs Windows Server 2008 R2.

#### QUESTION 8

**Testlet 4: City Power & Light**

**Question 7 of 12**

You need to recommend a solution for deploying the corporate applications.

The solution must meet the company's technical requirements.

What should you include in the recommendation?

- A. Group Policy.
- B. Microsoft Application Virtualization (App-V).
- C. Microsoft Enterprise Desktop Virtualization (MED-V).
- D. RemoteApp.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### Technical Requirements

City Power & Light must meet the following technical requirements:

- The amount of bandwidth used to replicate SYSVOL between the domain controllers must be minimized.
- If users forget their passwords, they must be able to reset their passwords without administrative intervention.
- Users must be able to initiate the installation of all 50 corporate applications from Programs and Features on the client computers.
- Computer accounts for all client computers joined to a domain must automatically be created in an organizational unit (OU) named Workstations.

#### QUESTION 9

Testlet 4: City Power & Light

Question 8 of 12

You need to recommend a solution to identify which servers and workloads can be consolidated مدمج to meet the company's business goals.

What should you include in the recommendation?

- A. Microsoft Assessment and Planning (MAP) Toolkit.
- B. Microsoft Desktop Optimization Pack (MDOP).
- C. Microsoft System Center Virtual Machine Manager (VMM).
- D. Windows Server Migration Tools.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### Business Goals

City Power & Light has the following business goals:

- Minimize IT costs.
- Significantly decrease the power consumption of the data centers.

#### QUESTION 10

**Testlet 4: City Power & Light**  
**Question 9 of 12**

You need to recommend a solution to ensure that users can open all files that they encrypt from any computer.

What should you include in the recommendation?

- A. A data recovery agent.
- B. Credential roaming.
- C. Folder redirection.
- D. Kerberos constrained delegation.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**Problem Statements**

Users who use multiple client computers report that they can only open encrypted files on the client computer on which they encrypted the files.

**QUESTION 11**

**Testlet 4: City Power & Light**  
**Question 10 of 12**

You are evaluating renaming the **cpandl.com** forest.

You need to recommend changes to the current network infrastructure to ensure that you can rename the forest.

What should you recommend?

- A. Migrate Exchange Server 2003 to Exchange Server 2010.
- B. Upgrade all of the Domain Controllers to Windows Server 2008 R2.
- C. Publish the CRLs to a Web server and reissue all of the certificates.
- D. Move all user accounts, group accounts, and computer accounts to the forest root domain and remove all of the child domains.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



## Active Directory Environment

The forest and domain structure is shown in the exhibit. (Click the **Case Study Exhibits** button.)

All domain controllers were recently upgraded to Windows Server 2003 R2.

City Power & Light has a public key infrastructure (PKI) that has the following configurations:

- An enterprise root certification authority (CA) in the cpandl.com domain.
- A certificate revocation list (CRL) and a delta CRL that are only published to Active Directory.
- EFS, Domain Controller, Domain Controller Authentication, and Directory E-Mail Replication certificates are issued by the CA.

City Power & Light has a partner company name Contoso, Ltd. Contoso has an Active Directory forest that contains an empty root domain named contoso.com and a child domain named east.contoso.com. No trusts exist between the forests.

### QUESTION 12

#### Testlet 4: City Power & Light

#### Question 11 of 12

You need to recommend changes to the Active Directory replication topology that support the company's planned deployment of the new branch office.

What should you include in the recommendation?

- A. IP site links.
- B. IP site link bridges.
- C. SMTP site links.
- D. SMTP site bridges.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### Planned Changes

City Power & Light plans to implement the following changes:

- Deploy a read-only domain controller (RODC) in each branch office.
- Deploy a smart card to each branch office user and require that the users log on by using the smart cards.
- Grant users from a local university access to the City Power & Light resources. The university uses a third-party Kerberos authentication provider.
- Deploy a line-of-business application named App1 that meets the following requirements:
  - App1 will be deployed on four servers that have the Remote Desktop Session Host (RD Session Host) role service installed.
  - Users who connect to App1 must be distributed between the RD Session Host servers.
  - Users that connect to App1 must automatically reconnect to their disconnected sessions.

City Power & Light plans to implement a new branch office in a remote location. A child domain in cpandl.com will be created for the remote office. The remote office will have a high latency, low bandwidth connection to the Internet. RPC communication to the main office will not be possible.

### QUESTION 13

#### Testlet 4: City Power & Light

#### Question 12 of 12

You need to recommend changes to the Active Directory infrastructure that support the company's planned RODC deployment.

What should you recommend?

- A. In each domain, configure a Domain Controller as a global catalog server.
- B. In each domain, deploy a Domain Controller that runs Windows Server 2008 R2.
- C. Upgrade all of the Domain Controllers in the forest root domain to Windows Server 2008 R2.
- D. Configure the delegation settings for the computer account of each Domain Controller and register a Service Principal Name (SPN) for each Domain Controller.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### Planned Changes

City Power & Light plans to implement the following changes:

- Deploy a read-only domain controller (RODC) in each branch office.
- Deploy a smart card to each branch office user and require that the users log on by using the smart cards.
- Grant users from a local university access to the City Power & Light resources. The university uses a third-party Kerberos authentication provider.
- Deploy a line-of-business application named App1 that meets the following requirements:
  - App1 will be deployed on four servers that have the Remote Desktop Session Host (RD Session Host) role service installed.
  - Users who connect to App1 must be distributed between the RD Session Host servers.
  - Users that connect to App1 must automatically reconnect to their disconnected sessions.

City Power & Light plans to implement a new branch office in a remote location. A child domain in cpandl.com will be created for the remote office. The remote office will have a high latency, low bandwidth connection to the Internet. RPC communication to the main office will not be possible.

## Exam K

### QUESTION 1 TESTLET OVERVIEW

#### Title: Baldwin Museum

The following testlet will present a Case Study followed by [ 11 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### Company Overview

The Baldwin Museum of Science is an international scientific organization.

#### Physical Locations

The Baldwin Museum of Science has campuses in India, China, and the United States.

#### Active Directory Environment

The forest and domain structure is shown in the **Baldwin Forest** exhibit. (Click the **Case Study Exhibits** button.)

The Active Directory environment contains the following servers and sites:

- An enterprise certification authority (CA) in usa.baldwinmuseumofscience.com.
- A separate Active Directory site in each country.
- A global catalog server in each site.

All domain controllers on the China campus run Windows Server 2003 R2 and have 32-bit hardware.

#### Network Infrastructure

Users access the network from desktop computers, portable computers, or thin clients. The users are not assigned permanent client computers and log on to the network by using different client computers.

All of the desktop computers and the portable computers run Windows 7. Microsoft System Center Configuration Manager is used to manage updates on all of the client computers. The thin clients connect to servers that have the Remote Desktop Session Host (RD Session Host) role service installed.

All file servers in the forest run Windows Server 2008 R2. Shared folders and shared printers are published in Active Directory.

The IP addresses for the campuses are assigned as shown in the following table.

Campus location	Network address	Subnet mask
U.S.	10.10.0.0	255.255.224.0
India	10.10.64.0	255.255.224.0
China	10.10.128.0	255.255.192.0
WAN links	10.10.224.0	255.255.255.0

The WAN links used to connect the campuses are highly saturated.

### **Problem Statements**

Users from the campus in China frequently travel to the campus in India. These users report that it takes a long time to log on to the domain when they work in India.

### **Planned Changes**

The Baldwin Museum of Science plans to open a subsidiary company in France. The network for the subsidiary will be integrated into the existing Active Directory forest.

The site topology for the subsidiary will be configured as shown in the **France Subsidiary** exhibit. (Click the **Case Study Exhibits** button.)

The Baldwin Museum of Science has the following requirements for the planned subsidiary:

- All replication connections for the domain controllers in the offices in France must be configured manually.
- Users in all four offices in France must be able to search for printers and shares in the baldwinmuseumofscience.com forest.
- The replication traffic over the WAN link that connects the Paris office and the campus in the United States must be minimized.
- If the domain controller in a branch office fails, users from that office must not authenticate to the domain controllers in the other branch offices.

China has a research department. The Baldwin Museum of Science plans to separate the research department in China and establish the department as a new company named Trey Research.

Trey Research has the following requirements:

- Users at Trey Research must have a user principal name (UPN) suffix of treyresearch.com.
- Only the managers at Trey Research must have access to the resources in china.baldwinmuseumofscience.com.
- Users from the baldwinmuseumofscience.com forest must be denied access to all of the Trey Research resources.

### **Technical Requirements**

The Baldwin Museum of Science must meet the following technical requirements:

- Users must be able to access the resources on all of the file servers when they work remotely.
- Administrators must be able to deploy updates to client computers when users are not logged on.

The Baldwin Museum of Science must meet the following technical requirements regarding a line-of-business application named App1:

- Deploy App1 to 300 users in the finance department.
- Ensure that no more than 100 instances of App1 run simultaneously.
- Ensure that App1 is available to users when they are disconnected from the corporate network.

### **Security Requirements**

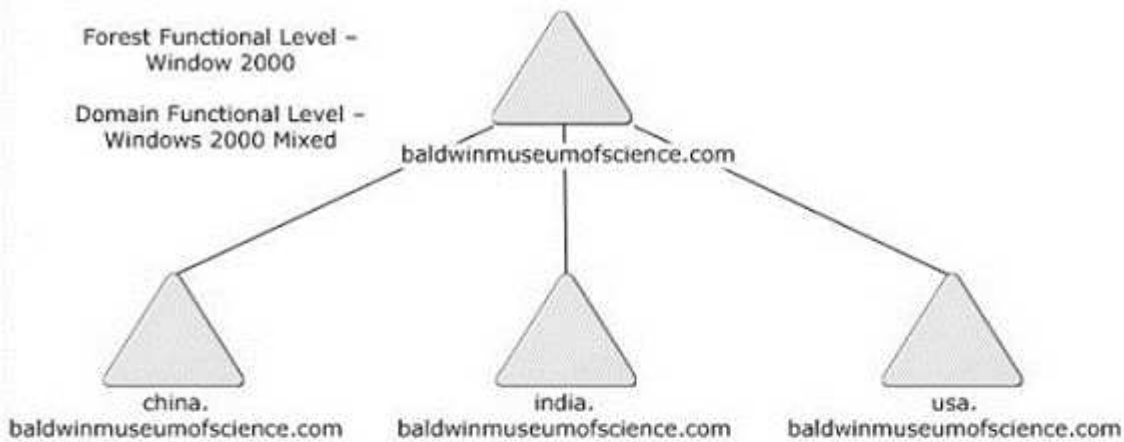
The Baldwin Museum of Science must meet the following security requirements:

- Only the users' personal documents that are stored on the file servers must be encrypted.
- Only the built-in Administrator account on each domain must be able to decrypt encrypted files.

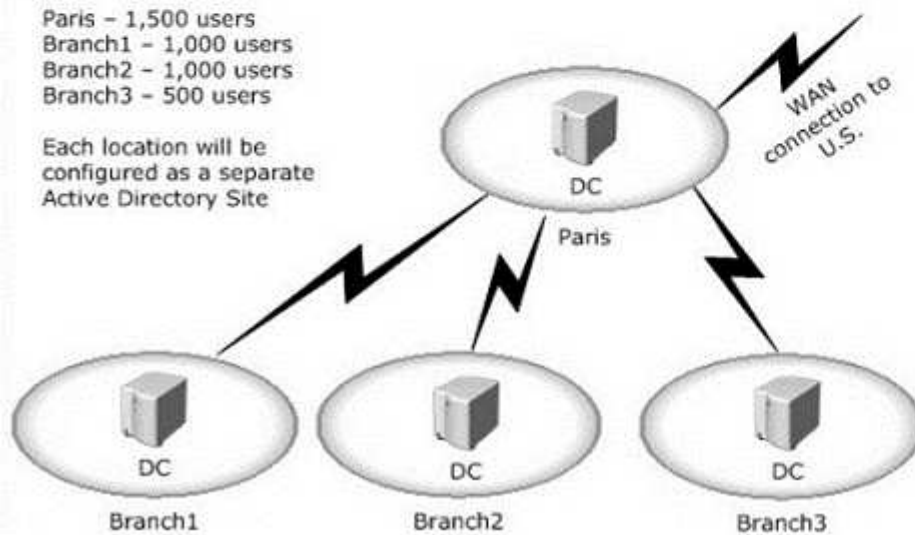
## **EXHIBITS**



## Baldwin Forest



## France Subsidiary



A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

**Testlet 5: Baldwin Museum**

**Question 1 of 11**

You need to recommend changes to the Active Directory environment that support the museum's planned subsidiary in France.

What should you recommend?

A. Deploy a new domain named **france.baldwinmuseumofscience.com** in the existing forest.

- B. Deploy a new domain named **france.baldwinmuseumofscience.com** and create a forest trust.
- C. Create a new Organizational Unit (OU) named France in the **baldwinmuseumofscience.com** domain. In the France OU, create an OU for each office.
- D. Create a new Organizational Unit (OU) named France in the **usa.baldwinmuseumofscience.com** domain. In the France OU, create an OU for each office.

**Correct Answer:** A

**Section:** Exam K

**Explanation**

**Explanation/Reference:**

#### Planned Changes

The Baldwin Museum of Science plans to open a subsidiary company in France. The network for the subsidiary will be integrated into the existing Active Directory forest.

The site topology for the subsidiary will be configured as shown in the **France Subsidiary** exhibit. (Click the **Case Study Exhibits** button.)

The Baldwin Museum of Science has the following requirements for the planned subsidiary:

- All replication connections for the domain controllers in the offices in France must be configured manually.
- Users in all four offices in France must be able to search for printers and shares in the **baldwinmuseumofscience.com** forest.
- The replication traffic over the WAN link that connects the Paris office and the campus in the United States must be minimized.
- If the domain controller in a branch office fails, users from that office must not authenticate to the domain controllers in the other branch offices.

China has a research department. The Baldwin Museum of Science plans to separate the research department in China and establish the department as a new company named Trey Research.

Trey Research has the following requirements:

- Users at Trey Research must have a user principal name (UPN) suffix of **treyresearch.com**.
- Only the managers at Trey Research must have access to the resources in **china.baldwinmuseumofscience.com**.
- Users from the **baldwinmuseumofscience.com** forest must be denied access to all of the Trey Research resources.

### QUESTION 3

#### Testlet 5: Baldwin Museum

#### Question 2 of 11

You need to recommend a solution to ensure that the branch office users in France authenticate to a local Domain Controller.

If a local Domain Controller is unavailable, the users must authenticate to a Domain Controller in the Paris office.

What should you recommend?

- A. The Contact PDC on logon failure Group Policy setting for the client computers.
- B. The Contact PDC on logon failure Group Policy setting for the Domain Controllers.
- C. The DC Locator DNS Records Group Policy settings for the client computers.
- D. The DC Locator DNS Records Group Policy settings for the Domain Controllers.

**Correct Answer:** D  
**Section:** Exam K  
**Explanation**

**Explanation/Reference:**

**QUESTION 4**  
**Testlet 5: Baldwin Museum**  
**Question 3 of 11**

You need to recommend a solution for the Public Key Infrastructure (PKI) that meets the following requirements:

- Ensure that administrator in India can approve certificates for users in the India domain.
- Minimize costs.

What should you recommend?

- A. Deploy a standalone subordinate CA to the domain in India.
- B. Deploy an enterprise subordinate CA to the domain in India.
- C. Configure CA permissions and the Exit Module of the CA.
- D. Configure CA permissions and Certificate Manager Restrictions.

**Correct Answer:** D  
**Section:** Exam K  
**Explanation**

**Explanation/Reference:**

**Active Directory Environment**

The forest and domain structure is shown in the **Baldwin Forest** exhibit. (Click the **Case Study Exhibits** button.)

The Active Directory environment contains the following servers and sites:

- An enterprise certification authority (CA) in usa.baldwinmuseumofscience.com.
- A separate Active Directory site in each country.
- A global catalog server in each site.

All domain controllers on the China campus run Windows Server 2003 R2 and have 32-bit hardware.

**QUESTION 5**  
**Testlet 5: Baldwin Museum**  
**Question 4 of 11**

You need to recommend an IP address range for the museum's planned subsidiary in France.

Which IP address range should you recommend?


- A. 10.10.96.0/19
- B. 10.10.160.0/20
- C. 10.10.160.0/22
- D. 10.10.192.0/21

**Correct Answer:** A  
**Section:** Exam K  
**Explanation**

**Explanation/Reference:**

The IP addresses for the campuses are assigned as shown in the following table.

Campus location	Network address	Subnet mask
U.S.	10.10.0.0	255.255.224.0
India	10.10.64.0	255.255.224.0
China	10.10.128.0	255.255.192.0
WAN links	10.10.224.0	255.255.255.0

 **Till 10.10.95.255/19  
so we start of 10.10.96.0/19  
and will end of 10.10.127.255**

**QUESTION 6**  
**Testlet 5: Baldwin Museum**  
**Question 5 of 11**

You are evaluating the deployment of a Virtual Desktop Infrastructure (VDI) solution for personal virtual desktop on the China campus.

You need to recommend changes to the infrastructure that support the museum's planned VDI.

The solution must minimize hardware costs.

Which domain functional level should you recommend for the China domain?

- A. Windows 2000 native.
- B. Windows Server 2003.
- C. Windows Server 2008.
- D. Windows Server 2008 R2.

**Correct Answer:** A  
**Section:** Exam K  
**Explanation**

**Explanation/Reference:**



## Existing Environment

### Active Directory Environment

The forest and domain structure is shown in the **Baldwin Forest** exhibit. (Click the **Case Study Exhibits** button.)

The Active Directory environment contains the following servers and sites:

- An enterprise certification authority (CA) in usa.baldwinmuseumofscience.com.
- A separate Active Directory site in each country.
- A global catalog server in each site.

All domain controllers on the **China** campus run **Windows Server 2003 R2** and have 32-bit hardware.

### Network Infrastructure

Users access the network from desktop computers, portable computers, or thin clients. The users are not assigned permanent client computers and log on to the network by using different client computers.

All of the desktop computers and the portable computers run Windows 7. Microsoft System Center Configuration Manager is used to manage updates on all of the client computers. The thin clients connect to servers that have the Remote Desktop Session Host (RD Session Host) role service installed.

All file servers in the forest run Windows Server 2008 R2. Shared folders and shared printers are published in Active Directory.

The IP addresses for the campuses are assigned as shown in the following table.

Campus location	Network address	Subnet mask
U.S.	10.10.0.0	255.255.224.0
India	10.10.64.0	255.255.224.0
China	10.10.128.0	255.255.192.0
WAN links	10.10.224.0	255.255.255.0

The WAN links used to connect the campuses are highly saturated.

### Problem Statements

Users from the campus in China frequently travel to the campus in India. These users report that it takes a long time to log on to the domain when they work in India.

## Requirements

### Planned Changes

The Baldwin Museum of Science plans to open a subsidiary company in France. The network for the subsidiary will be integrated into the existing Active Directory forest.

The site topology for the subsidiary will be configured as shown in the **France Subsidiary** exhibit. (Click the **Case Study Exhibits** button.)

The Baldwin Museum of Science has the following requirements for the planned subsidiary:

- All replication connections for the domain controllers in the offices in France must be configured manually.
- Users in all four offices in France must be able to search for printers and shares in the baldwinmuseumofscience.com forest.
- The replication traffic over the WAN link that connects the Paris office and the campus in the United States must be minimized.
- If the domain controller in a branch office fails, users from that office must not authenticate to the domain controllers in the other branch offices.

China has a research department. The Baldwin Museum of Science plans to separate the research department in China and establish the department as a new company named Trey Research.

Trey Research has the following requirements:

- Users at Trey Research must have a user principal name (UPN) suffix of treyresearch.com.
- Only the managers at Trey Research must have access to the resources in china.baldwinmuseumofscience.com.
- Users from the baldwinmuseumofscience.com forest must be denied access to all of the Trey Research

**QUESTION 7**  
**Testlet 5: Baldwin Museum**  
**Question 6 of 11**

You need to recommend a solution for deploying App1.  
The solution must meet the museum's technical requirements.  
What should you include in the recommendation?

- A. Microsoft Application Virtualization (App-V).
- B. Microsoft Enterprise Desktop Virtualization (MED-V).
- C. Microsoft System Center Configuration Manager.
- D. RemoteApp.

**Correct Answer:** A  
**Section:** Exam K  
**Explanation**

**Explanation/Reference:**

**Technical Requirements**

The Baldwin Museum of Science must meet the following technical requirements:

- Users must be able to access the resources on all of the file servers when they work remotely.
- Administrators must be able to deploy updates to client computers when users are not logged on.

The Baldwin Museum of Science must meet the following technical requirements regarding a line-of-business application named App1:

- Deploy App1 to 300 users in the finance department.
- Ensure that no more than 100 instances of App1 run simultaneously.
- Ensure that App1 is available to users when they are disconnected from the corporate network.

**Comments by Vrykolakas:** original is A, but not sure it is the correct answer.

**QUESTION 8**  
**Testlet 5: Baldwin Museum**  
**Question 7 of 11**

You need to recommend changes to Active Directory to ensure that the replication between the Domain Controllers in France supports the museum's planned changes.  
What should you recommend?

- A. Disable site link bridging.
- B. Modify the change notification delay.
- C. Modify the automatic site coverage settings.
- D. Disable the Knowledge Consistency Checker (KCC).

**Correct Answer:** D  
**Section:** Exam K  
**Explanation**

**Explanation/Reference:**



### Planned Changes

The Baldwin Museum of Science plans to open a subsidiary company in France. The network for the subsidiary will be integrated into the existing Active Directory forest.

The site topology for the subsidiary will be configured as shown in the **France Subsidiary** exhibit. (Click the **Case Study Exhibits** button.)

The Baldwin Museum of Science has the following requirements for the planned subsidiary:

- All replication connections for the domain controllers in the offices in France must be configured manually.
- Users in all four offices in France must be able to search for printers and shares in the `baldwinmuseumofscience.com` forest.
- The replication traffic over the WAN link that connects the Paris office and the campus in the United States must be minimized.
- If the domain controller in a branch office fails, users from that office must not authenticate to the domain controllers in the other branch offices.

China has a research department. The Baldwin Museum of Science plans to separate the research department in China and establish the department as a new company named Trey Research.

Trey Research has the following requirements:

- Users at Trey Research must have a user principal name (UPN) suffix of `treyresearch.com`.
- Only the managers at Trey Research must have access to the resources in `china.baldwinmuseumofscience.com`.
- Users from the `baldwinmuseumofscience.com` forest must be denied access to all of the Trey Research resources.

**Comments by Vrykolakas:** original was A. You must deactivate KCC. Don't trust the red outline, this is the "All replication connections" part that really matters.

### QUESTION 9

#### Testlet 5: Baldwin Museum

#### Question 8 of 11

You need to recommend changes to the Active Directory environment that support the plan to establish Trey Research.

What should you recommend?

- Create a new tree named **treyresearch.com** in the forest and modify the UPN suffixes for the forest. Migrate the research department users to the new domain.
- Create a new tree named **treyresearch.baldwinmuseumofscience.com** in the forest. Add a UPN suffix for **treyresearch.com**. Migrate the research department users to the new domain.
- Create a new tree named **treyresearch.com**. Create a trust between **treyresearch.com** and **china.baldwinmuseumofscience.com**. Modify the SID filtering settings for the trust. Migrate the research department users to the new domain.
- Create a new tree named **treyresearch.com**. Create a trust between **treyresearch.com** and **china.baldwinmuseumofscience.com**. Modify the selective authentication settings for the trust. Migrate the research department users to the new domain.

**Correct Answer:** D

**Section:** Exam K

**Explanation**

**Explanation/Reference:**

### Planned Changes

The Baldwin Museum of Science plans to open a subsidiary company in France. The network for the subsidiary will be integrated into the existing Active Directory forest.

The site topology for the subsidiary will be configured as shown in the **France Subsidiary** exhibit. (Click the **Case Study Exhibits** button.)

The Baldwin Museum of Science has the following requirements for the planned subsidiary:

- All replication connections for the domain controllers in the offices in France must be configured manually.
- Users in all four offices in France must be able to search for printers and shares in the baldwinmuseumofscience.com forest.
- The replication traffic over the WAN link that connects the Paris office and the campus in the United States must be minimized.
- If the domain controller in a branch office fails, users from that office must not authenticate to the domain controllers in the other branch offices.

China has a research department. The Baldwin Museum of Science plans to separate the research department in China and establish the department as a new company named Trey Research.

Trey Research has the following requirements:

- Users at Trey Research must have a user principal name (UPN) suffix of treyresearch.com.
- Only the managers at Trey Research must have access to the resources in china.baldwinmuseumofscience.com.
- Users from the baldwinmuseumofscience.com forest must be denied access to all of the Trey Research resources.

### QUESTION 10

#### Testlet 5: Baldwin Museum

#### Question 9 of 11

You need to recommend changes to the environment to resolve the logon issues that were reported by the users from China domain.

What should you include in the recommendation?

- A. Modify the automatic site coverage settings.
- B. Deploy Domain Controllers from the China domain to the India site.
- C. In the India site, enable universal group membership caching.
- D. In the India site, configure another Domain Controller as a global catalog server.

**Correct Answer: B**

**Section: Exam K**

**Explanation**

**Explanation/Reference:**

#### Problem Statements

Users from the campus in China frequently travel to the campus in India. These users report that it takes a long time to log on to the domain when they work in India.

### QUESTION 11

#### Testlet 5: Baldwin Museum

#### Question 10 of 11



You need to recommend a solution for the users' personal documents that meets the museum's security requirements.

What should you include in the recommendation?

- A. Active Directory Rights Management Services (AD RMS).
- B. Authorization Manager.
- C. Encrypted File System (EFS).
- D. Windows BitLocker Drive Encryption (BitLocker).

**Correct Answer: C**

**Section: Exam K**

**Explanation**

**Explanation/Reference:**

**Security Requirements**

The Baldwin Museum of Science must meet the following security requirements:

- Only the users' personal documents that are stored on the file servers must be encrypted.
- Only the built-in Administrator account on each domain must be able to decrypt encrypted files.

**QUESTION 12**

**Testlet 5: Baldwin Museum**

**Question 11 of 11**

You need to recommend a network access solution for the remote users that meets the museum's technical requirements.

What should you include in the recommendation?

- A. DirectAccess.
- B. Microsoft Forefront Threat Management Gateway (TMG).
- C. Network Address Translation (NAT).
- D. Remote Desktop Gateway (RD Gateway).

**Correct Answer: D**

**Section: Exam K**

**Explanation**

**Explanation/Reference:**

**Technical Requirements**

The Baldwin Museum of Science must meet the following technical requirements:

- Users must be able to access the resources on all of the file servers when they work remotely.
- Administrators must be able to deploy updates to client computers when users are not logged on.

The Baldwin Museum of Science must meet the following technical requirements regarding a line-of-business application named App1:

- Deploy App1 to 300 users in the finance department.
- Ensure that no more than 100 instances of App1 run simultaneously.
- Ensure that App1 is available to users when they are disconnected from the corporate network.

### **Active Directory Environment**

The forest and domain structure is shown in the **Baldwin Forest** exhibit. (Click the **Case Study Exhibits** button.)

The Active Directory environment contains the following servers and sites:

- An enterprise certification authority (CA) in usa.baldwinmuseumofscience.com.
- A separate Active Directory site in each country.
- A global catalog server in each site.

All domain controllers on the China campus run Windows Server 2003 R2 and have 32-bit hardware.

Exam L

QUESTION 1  
TESTLET OVERVIEW

**Title: Woodgrove Bank**

The following testlet will present a Case Study followed by [ 11 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

## **Company Overview**

Woodgrove Bank is an international investment banking institution. Woodgrove Bank has a partner company named Contoso.Ltd.

## **Physical Location**

Woodgrove Bank has a main office and 10 branch offices. Each branch office is a branch of the main office.

# Existing Environment

## Active Directory Environment

- The Woodgrove Bank network contains an Active Directory forest woodgrovebank.com .
- The forest contains multiple domains and one Active Directory site.
- The functional level of the forest is Windows Server 2003.
- Each office has domain controllers for the forest root domain.
- Each office also contains domain controllers for at least one other domain.
- The Woodgrove Bank network contains the following applications:
  - A line-of-business application named App1.
  - Server that run either Windows Server 2003 or Windows Server 2008.
  - Domain controllers in the main office run Windows Server 2003.
  - An enterprise root certification authority (CA) that runs Windows Server 2003.
  - The certificate revocation list (CRL) is published to an internal Web site.
- All client computers in contoso.com run a 64-bit version of Windows 7.

## Security Model

Users in Woodgrove Bank's research department are required to use smart cards to log on to the network.

# Requirements

## Planned Changes

### Woodgrove Bank plans to implement the following changes:

- Provide Contoso users access to Appl.
- Deploy a satellite office the will have one domain controller.
- Provide users in both companies access to the resources in either f set of credentials.
- Implement e-mail notifications for departme4nt managers when n documents are saved to a network location.

## Technical Requirement

All users in the planned satellite office must always attempt to authenticate to the local domain controller first.



# Security Requirements

## Woodgrove Bank must meet the following security requirement.

- Servers in contoso.com must be able to trust certificates issued by woodgroovebank.com
- App1 must only be available to contoso users when the user are connected to woodgroove bank network
- Users in contoso.com must be able to automatically enroll for certificates from Woodgrove Bank.
- Internal auditors must have full administrative right on all client computers in the client department.
- Only client computer that have Microsoft Forefront Endpoint Protection must be able to remotely connect to the client department.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Testlet 6: Woodgrove Bank

Question 1 of 11

You are evaluating implementing a remote access solution for the Woodgrove Bank network.

You need to recommend a security solution for the client computers that meet the company's security requirements.

What should you include in the recommendation?

- A. Microsoft Baseline Security Analyzer (MBSA).
- B. Microsoft Forefront Threat Management Gateway (TMG).
- C. Microsoft Forefront Unified Access Gateway (UAG).
- D. Network Access Protection (NAP).

**Correct Answer:** D

**Section:** Exam L

**Explanation**

**Explanation/Reference:**

**Security Requirements**

Woodgrove Bank must meet the following security requirement.

Servers in contoso.com must be able to trust certificates issued by the CA of woodgrovebank.com  
App1 must only be available to contoso users when the user are connected to the woodgrove bank network

Users in contoso.com must be able to automatically enroll for certificates from the CA of Woodgrove Bank.

Internal auditors must have full administrative right on all client computer in the finance department.

Only client computer that have Microsoft Forefront Endpoint Protection installed must be able to remotely connect to the Woodgrove Bank network.

**QUESTION 3**

**Testlet 6: Woodgrove Bank**

**Question 2 of 11**

You are evaluating the deployment of a separate Active Directory site in each office.

You need to recommend changes to the Active Directory Infrastructure to support the new sites.

What should you include in the recommendation?

- A. IP site links.
- B. IP site link bridges.
- C. SMTP site links.
- D. SMTP site link bridges.

**Correct Answer: A**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**

**Physical Location**

Woodgrove Bank has a main office and 10 branch offices. Each branch office has a WAN link to the main office.

**Existing Environment**

**Active Directory Environment**

The Woodgrove Bank network contains an Active Directory forest named woodgrovebank.com. The forest contains multiple domains and one Active Directory site. The functional level of the forest is Windows Server 2003.

Each office has domain controllers for the forest root domain. Each office also contains domain controllers for at least one other domain.

The Woodgrove Bank network contains the following applications and servers:

A line-of-business application named App1.

Server that run either Windows Server 2003 or Windows Server 2008.

Domain controllers in the main office run Windows Server 2003.

An enterprise root certification authority (CA) that runs Windows Server 2003. The certificate revocation list (CRL) is published to an internal Web site.

All client computers in contoso.com run a 64-bit version of Windows 7.

**QUESTION 4**  
**Testlet 6: Woodgrove Bank**  
**Question 3 of 11**

You need to recommend changes to the Active Directory infrastructure of Woodgrove Bank.

The changes must support the company's planned changes.

What should you include in the recommendation?

- A. 11 shortcut trusts.
- B. A two-way forest trust.
- C. Active Directory Rights Management Services (AD RMS).
- D. Network Policy and Access Services (NPAS).

**Correct Answer: B**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**

**Planned Changes**

Woodgrove Bank plans to implement the following changes:

Provide Contoso users access to App1.

Deploy a satellite office that will have one domain controller.

Provide users in both companies access to the resources in either forest by using a single set of credentials.

Implement e-mail notifications for department managers when new versions of shared documents are saved to a network location.

**QUESTION 5**  
**Testlet 6: Woodgrove Bank**  
**Question 4 of 11**

You are evaluating the deployment of Read-Only Domain Controller (RODC) in the planned satellite office.

You need to ensure that the RODC can replicate changes from the Domain Controllers in the main office.

What should you include in the recommendation?

- A. Disable site link bridging.
- B. Create Active Directory connection objects.
- C. Upgrade one of the Domain Controllers in the main office.
- D. Configure all of the Domain Controllers in the main office as global catalog servers.

**Correct Answer: C**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**



## Existing Environment

### Active Directory Environment

The Woodgrove Bank network contains an Active Directory forest named woodgrovebank.com. The forest contains multiple domains and one Active Directory site. The functional level of the forest is Windows Server 2003.

Each office has domain controllers for the forest root domain. Each office also contains domain controllers for at least one other domain.

The Woodgrove Bank network contains the following applications and servers:

A line-of-business application named App1.

Servers that run either Windows Server 2003 or Windows Server 2008.

Domain controllers in the main office run Windows Server 2003.

An enterprise root certification authority (CA) that runs Windows Server 2003. The certificate revocation list (CRL) is published to an internal Web site.

All client computers in contoso.com run a 64-bit version of Windows 7.

### QUESTION 6

#### Testlet 6: Woodgrove Bank

#### Question 5 of 11

You need to recommend a Public Key Infrastructure (PKI) solution that meets the company's security requirements.

What should you include in the recommendation?

- A. Active Directory Federation Services (AD FS) and federated trusts.
- B. Certificate deployment by using Group Policy Objects (GPOs).
- C. Cross-certification.
- D. External trusts and realm trusts.

**Correct Answer: B**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**

### Security Requirements

Woodgrove Bank must meet the following security requirement.

Servers in contoso.com must be able to trust certificates issued by the CA of woodgrovebank.com.

App1 must only be available to contoso users when the user are connected to the woodgrove bank network.

Users in contoso.com must be able to automatically enroll for certificates from the CA of Woodgrove Bank.

Internal auditors must have full administrative right on all client computer in the finance department.

Only client computer that have Microsoft Forefront Endpoint Protection installed must be able to remotely connect to the Woodgrove Bank network.



## Existing Environment

### Active Directory Environment

The Woodgrove Bank network contains an Active Directory forest named woodgrovebank.com. The forest contains multiple domains and one Active Directory site. The functional level of the forest is Windows Server 2003.

Each office has domain controllers for the forest root domain. Each office also contains domain controllers for at least one other domain.

The Woodgrove Bank network contains the following applications and servers:

A line-of-business application named App1.

Servers that run either Windows Server 2003 or Windows Server 2008.

Domain controllers in the main office run Windows Server 2003.

An enterprise root certification authority (CA) that runs Windows Server 2003. The certificate revocation list (CRL) is published to an internal Web site.

All client computers in contoso.com run a 64-bit version of Windows 7.

### Security Model

Users in Woodgrove Bank's research department are required to use smart card authentication to log on to the network.

## QUESTION 7

### Testlet 6: Woodgrove Bank

#### Question 6 of 11

You need to recommend a solution for App1 that meets the company's security requirements.

What should you include in the recommendation?

- A. Group Policy application control policies.
- B. Microsoft Application Virtualization (App-V).
- C. RemoteApp.
- D. Windows XP Mode.

**Correct Answer: C**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**

### Security Requirements

Woodgrove Bank must meet the following security requirement.

Servers in contoso.com must be able to trust certificates issued by the CA of woodgrovebank.com.

App1 must only be available to contoso users when the user are connected to the woodgrove bank network.

Users in contoso.com must be able to automatically enroll for certificates from the CA of Woodgrove Bank.

Internal auditors must have full administrative right on all client computer in the finance department.

Only client computer that have Microsoft Forefront Endpoint Protection installed must be able to remotely connect to the Woodgrove Bank network.

## QUESTION 8

**Testlet 6: Woodgrove Bank**  
**Question 7 of 11**

You are evaluating the deployment of a Domain Controller in the planned satellite office.

You need to recommend changes to the physical topology of Active Directory that meet the company's technical requirements.

What should you include in the recommendation?

- A. A global catalog server in the satellite office.
- B. A Read-Only Domain Controller (RODC) in the main office.
- C. A site and subnet object in the satellite office.
- D. Active Directory Lightweight Directory Services (AD LDS) in the branch office.

**Correct Answer: C**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**

**Technical Requirement**

All users in the planned satellite office must always attempt to authenticate to their local domain controller first.

**Physical Location**

Woodgrove Bank has a main office and 10 branch offices. Each branch office has a WAN link to the main office.

**Existing Environment**

**Active Directory Environment**

The Woodgrove Bank network contains an Active Directory forest named woodgrovebank.com. The forest contains multiple domains and one Active Directory site. The functional level of the forest is Windows Server 2003.

Each office has domain controllers for the forest root domain. Each office also contains domain controllers for at least one other domain.

The Woodgrove Bank network contains the following applications and servers:

A line-of-business application named App1.

Server that run either Windows Server 2003 or Windows Server 2008.

Domain controllers in the main office run Windows Server 2003.

An enterprise root certification authority (CA) that runs Windows Server 2003. The certificate revocation list (CRL) is published to an internal Web site.

All client computers in contoso.com run a 64-bit version of Windows 7.

**QUESTION 9**

**Testlet 6: Woodgrove Bank**

**Question 8 of 11**

You are evaluating implementing a high-availability solution for smart card authentication.

You need to recommend changes to the network infrastructure to ensure that all research department users can log on if a single server fails.

What should you recommend?



- A. Upgrade the CA to Windows Server 2008 R2.
- B. Implement a standalone subordinate CA.
- C. Implement an enterprise subordinate CA.
- D. Implement Network Load Balancing (NLB) on the web servers.

**Correct Answer:** D

**Section:** Exam L

**Explanation**

**Explanation/Reference:**

**Physical Location**

Woodgrove Bank has a main office and 10 branch offices. Each branch office has a WAN link to the main office.

**Existing Environment**

**Active Directory Environment**

The Woodgrove Bank network contains an Active Directory forest named woodgrovebank.com. The forest contains multiple domains and one Active Directory site. The functional level of the forest is Windows Server 2003.

Each office has domain controllers for the forest root domain. Each office also contains domain controllers for at least one other domain.

The Woodgrove Bank network contains the following applications and servers:

A line-of-business application named App1.

Server that run either Windows Server 2003 or Windows Server 2008.

Domain controllers in the main office run Windows Server 2003.

An enterprise root certification authority (CA) that runs Windows Server 2003. The certificate revocation list (CRL) is published to an internal Web site.

All client computers in contoso.com run a 64-bit version of Windows 7.

**QUESTION 10**

**Testlet 6: Woodgrove Bank**

**Question 9 of 11**

You need to recommend a document management solution that support the company's planned changes for the department managers.

What should you include in the recommendation?

- A. Directory object auditing.
- B. Event subscriptions.
- C. File Server Resource Manager (FSRM) file screens.
- D. Microsoft SharePoint Foundation 2010 alerts.

**Correct Answer:** D

**Section:** Exam L

**Explanation**

**Explanation/Reference:**

### Planned Changes

Woodgrove Bank plans to implement the following changes:

Provide Contoso users access to App1.

Deploy a satellite office that will have one domain controller.

Provide users in both companies access to the resources in either forest by using a single set of credentials.

Implement e-mail notifications for department managers when new versions of shared documents are saved to a network location.

#### QUESTION 11

##### Testlet 6: Woodgrove Bank

##### Question 10 of 11

You are evaluating implementing a solution for the internal auditors.

You need to recommend a solution to delegate the appropriate rights to the auditors.

What should you include in the recommendation?

- A. Access-Based Enumeration (ABE).
- B. Active Directory delegation.
- C. Restricted Groups.
- D. Selective authentication.

**Correct Answer: C**

**Section: Exam L**

**Explanation**

**Explanation/Reference:**

### Security Requirements

Woodgrove Bank must meet the following security requirement.

Servers in contoso.com must be able to trust certificates issued by the CA of woodgrovebank.com  
App1 must only be available to contoso users when the user are connected to the woodgrove bank network

Users in contoso.com must be able to automatically enroll for certificates from the CA of Woodgrove Bank

Internal auditors must have full administrative right on all client computer in the finance department.

Only client computer that have Microsoft Forefront Endpoint Protection installed must be able to remotely connect to the Woodgrove Bank network.

#### QUESTION 12

##### Testlet 6: Woodgrove Bank

##### Question 11 of 11

You are evaluating implementing fine-grained password policies on the Woodgrove Bank network.

What should you recommend?

- A. Enable SID filtering between all of the domains in the forest.
- B. Create shortcut trust between all of the child domains and the forest root domain.

- C. Upgrade all of the domain controllers to Windows Server 2008 R2, and then raise the functional level of the domain.
- D. Upgrade all of the domain controllers that have the primary domain controller (PDC) emulator role to Windows Server 2008 R2, and then configure the account lockout policies.

**Correct Answer:** C

**Section:** Exam L

**Explanation**

**Explanation/Reference:**

## Exam M

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Litware, Inc.**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Litware, Inc. is a manufacturing company that has a main office and four branch offices.

#### **PLANNED CHANGES**

Litware plans to deploy Group Policy object (GPOs). The planned deployment must meet the following requirements:

- Deploy a GPO to a user based on his respective department.
- Deploy a GPO to a client computer based on its respective local office.
- Minimize the amount of administrative effort required to manage the GPOs.
- Prevent the users in each department from receiving GPOs from other departments.

Litware plans to change the name of AD.litware.com to east.litware.com. The planned change must meet the following requirements:

- Minimize administrative effort.
- Minimize the impact on the users in AD.litware.com.

Litware plans to deploy RemoteApp programs to meet the following requirements:

- The RemoteApp programs must be visible from the Start menu on each client computer.
- The RemoteApp programs must be published by using the minimum amount of administrative effort.

Litware plans to deploy several Hyper-V servers that will host multiple virtual machines (VMs). The deployment must meet the following requirements:

- Minimize administrative effort.
- Back up the VMs to a tape library.
- Store all of the VM files on a Storage Area Network (SAN).
- Convert all of the client computers in the finance department to a VM.

Litware plans to deploy a network access solution. The planned deployment must use the minimum amount of administrative effort.

## **EXISTING ENVIRONMENT**

All servers run Windows Server 2008 R2. All client computers run Windows 7.

Litware has three departments, including a finance department. Each department has users in each office.

The network contains a Microsoft Exchange Server 2010 organization.

### **Existing Active Directory Environment**

The network contains a single Active Directory forest named litware.com. The forest contains one child domain AD.litware.com and two other domains.

The functional level of the forest is Windows Server 2003.

A single Active Directory site exists for all of the offices.

### **Existing Network Infrastructure**

The network contains an internal network and a perimeter network that are separated by a hardware-based firewall. A hardware-based firewall also separates the perimeter network and the Internet.

The following protocols on the default ports are allowed through the firewall that is connected to the Internet:

- HTTP
- HTTPS
- Point-to-Point Tunneling Protocol (PPTP)

Only the client computers on the perimeter network can connect to the client computers on the internal network.

The perimeter network contains a VPN server. Users who work remotely use PPTP to establish VPN connections to the internal network.

### **Current Administration Model**

Each domain contains a file server that stores confidential documents.

Each domain has dedicated user accounts for auditing purposes. The user accounts are only used for auditing the company's confidential documents.



## SECURITY REQUIREMENTS

The corporate security policy states the following requirements:

- Ensure that the latest Windows updates are installed on all client computers.
- Ensure that Windows Firewall is enabled on every client computer that connects remotely.
- Prevent all client computers that do not comply with the security policy from connecting to the internet.

The corporate auditing policy must meet the following requirements:

- Only the dedicated user accounts must be able access servers that contain confidential documents.
- The dedicated user accounts must be assigned auditing rights as a group, not as individual users.
- The number of groups that contain the dedicated user accounts must be minimized.

- A.
- B.
- C.
- D.

**Correct Answer:**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

**Testlet 7 Litware, Inc.**

**Question 1 of 6**

You need to recommend an organizational unit (OU) structure that supports the company's planned changes.

What should you recommend?

- A. Create one OU for each department. Create one OU for all of the offices.
- B. Create one OU for each office. Create one OU for all of the departments.
- C. Create one OU for all of the offices. In the office OU, create one OU for each department.
- D. Create one OU for each department. In each department OU, create one OU for each office.

**Correct Answer: D**

**Section: Exam M**

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

Litware plans to deploy Group Policy object (GPOs). The planned deployment must meet the following requirements:

- Deploy a GPO to a user based on his respective department.
- Deploy a GPO to a client computer based on its respective local office.
- Minimize the amount of administrative effort required to manage the GPOs.
- Prevent the users in each department from receiving GPOs from other departments.

Litware plans to change the name of AD.litware.com to east.litware.com. The planned change must meet the following requirements:

- Minimize administrative effort.
- Minimize the impact on the users in AD.litware.com.

Litware plans to deploy RemoteApp programs to meet the following requirements:

- The RemoteApp programs must be visible from the Start menu on each client computer.
- The RemoteApp programs must be published by using the minimum amount of administrative effort.

Litware plans to deploy several Hyper-V servers that will host multiple virtual machines (VMs). The deployment must meet the following requirements:

- Minimize administrative effort.
- Back up the VMs to a tape library.
- Store all of the VM files on a Storage Area Network (SAN).
- Convert all of the client computers in the finance department to a VM.

Litware plans to deploy a network access solution. The planned deployment must use the minimum amount of administrative effort.

**Comments by Vrykolakas:** correct but stupid.

### QUESTION 3

Testlet 7 Litware, Inc.

#### Question 2 of 6

You need to recommend a solution for the client computers in the finance department. The solution must support the company's planned changes.

What should you include in the recommendation?

- A. Microsoft Enterprise Desktop Virtualization (MED-V)
- B. Microsoft System Center Virtual Machine Manager (VMM)
- C. Windows Deployment Services (WDS)
- D. Windows XP Mode

**Correct Answer:** B

**Section:** Exam M

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

Litware plans to deploy Group Policy object (GPOs). The planned deployment must meet the following requirements:

- Deploy a GPO to a user based on his respective department.
- Deploy a GPO to a client computer based on its respective local office.
- Minimize the amount of administrative effort required to manage the GPOs.
- Prevent the users in each department from receiving GPOs from other departments.

Litware plans to change the name of AD.liteware.com to east.liteware.com. The planned change must meet the following requirements:

- Minimize administrative effort.
- Minimize the impact on the users in AD.liteware.com.

Litware plans to deploy RemoteApp programs to meet the following requirements:

- The RemoteApp programs must be visible from the Start menu on each client computer.
- The RemoteApp programs must be published by using the minimum amount of administrative effort.

Litware plans to deploy several Hyper-V servers that will host multiple virtual machines (VMs). The deployment must meet the following requirements:

- Minimize administrative effort.
- Back up the VMs to a tape library.
- Store all of the VM files on a Storage Area Network (SAN).
- Convert all of the client computers in the finance department to a VM.

Litware plans to deploy a network access solution. The planned deployment must use the minimum amount of administrative effort.

<http://technet.microsoft.com/en-us/library/cc764232.aspx>

### QUESTION 4

**Testlet 7 Litware, Inc.**

**Question 3 of 6**

You need to recommend a backup strategy for the VMs that supports the company's planned changes.

What should you include in the recommendation?

- A. Microsoft System Center Data Protection Manager
- B. Microsoft System Center Virtual Machine Manager (VMM)
- C. Storage Manager for SANs
- D. Windows Server Backup

**Correct Answer: A**

**Section: Exam M**

**Explanation**

**Explanation/Reference:**



## PLANNED CHANGES

Litware plans to deploy Group Policy object (GPOs). The planned deployment must meet the following requirements:

- Deploy a GPO to a user based on his respective department.
- Deploy a GPO to a client computer based on its respective local office.
- Minimize the amount of administrative effort required to manage the GPOs.
- Prevent the users in each department from receiving GPOs from other departments.

Litware plans to change the name of AD.liteware.com to east.liteware.com. The planned change must meet the following requirements:

- Minimize administrative effort.
- Minimize the impact on the users in AD.liteware.com.

Litware plans to deploy RemoteApp programs to meet the following requirements:

- The RemoteApp programs must be visible from the Start menu on each client computer.
- The RemoteApp programs must be published by using the minimum amount of administrative effort.

Litware plans to deploy several Hyper-V servers that will host multiple virtual machines (VMs). The deployment must meet the following requirements:

- Minimize administrative effort.
- Back up the VMs to a tape library.
- Store all of the VM files on a Storage Area Network (SAN).
- Convert all of the client computers in the finance department to a VM.

Litware plans to deploy a network access solution. The planned deployment must use the minimum amount of administrative effort.

<http://thelazyadmin.com/blogs/thelazyadmin/archive/2008/10/06/backing-up-hyper-v-with-windows-server-backup.aspx>

<http://blogs.technet.com/b/virtualization/archive/2008/08/29/backing-up-hyper-v-virtual-machines.aspx>

### QUESTION 5

**Testlet 7 Litware, Inc.**

#### Question 4 of 6

You need to recommend a Remote Desktop Services (RDS) solution for RemoteApp programs that supports the company's planned changes.

What should you include in the recommendation?

- A. Remote Desktop Connection Broker (RD Connection Broker)
- B. Remote Desktop Gateway (RD Gateway)
- C. Remote Desktop Virtualization Host (RD Virtualization Host)
- D. Remote Desktop Web Access (RD Web Access)

**Correct Answer: D**

**Section: Exam M**

**Explanation**

**Explanation/Reference:**

**PLANNED CHANGES**

Litware plans to deploy Group Policy object (GPOs). The planned deployment must meet the following requirements:

- Deploy a GPO to a user based on his respective department.
- Deploy a GPO to a client computer based on its respective local office.
- Minimize the amount of administrative effort required to manage the GPOs.
- Prevent the users in each department from receiving GPOs from other departments.

Litware plans to change the name of AD.liteware.com to east.liteware.com. The planned change must meet the requirements:

- Minimize administrative effort.
- Minimize the impact on the users in AD.liteware.com.

Litware plans to deploy RemoteApp programs to meet the following requirements:

- The RemoteApp programs must be visible from the Start menu on each client computer.
- The RemoteApp programs must be published by using the minimum amount of administrative effort.

Litware plans to deploy several Hyper-V servers that will host multiple virtual machines (VMs). The deployment must meet the following requirements:

- Minimize administrative effort.
- Back up the VMs to a tape library.
- Store all of the VM files on a Storage Area Network (SAN).
- Convert all of the client computers in the finance department to a VM.

Litware plans to deploy a network access solution. The planned deployment must use the minimum amount of administrative effort.

<http://technet.microsoft.com/en-us/library/cc772452.aspx>

**QUESTION 6**

**Testlet 7 Litware, Inc.**

**Question 5 of 6**

You need to recommend a group scope for the dedicated auditing user accounts that meets the company's security requirements.

Which group scope should you recommend?

- A. Domain local
- B. Global
- C. Local
- D. Universal

**Correct Answer: D**

**Section: Exam M**

**Explanation**

**Explanation/Reference:**

## **SECURITY REQUIREMENTS**

The corporate security policy states the following requirements:

- Ensure that the latest Windows updates are installed on all client computers.
- Ensure that Windows Firewall is enabled on every client computer that connects remotely.
- Prevent all client computers that do not comply with the security policy from connecting to the internet.

The corporate auditing policy must meet the following requirements:

- Only the dedicated user accounts must be able access servers that contain confidential documents.
- The dedicated user accounts must be assigned auditing rights as a group, not as individual users.
- The number of groups that contain the dedicated user accounts must be minimized.

<http://support.microsoft.com/kb/884417>

### **QUESTION 7**

**Testlet 7 Litware, Inc.**

**Question 6 of 6**

You need to recommend a network access solution that meets the company's security requirements.

What should you include in the recommendation?

- A. A VPN and firewall solution that uses Secure Socket Tunneling Protocol (SSTP).
- B. A VPN and firewall solution that uses Internet Key Exchange version 2 (IKEv2).
- C. One server that has the Network Policy Server (NPS) role service installed.
- D. Two servers that have the Network Policy Server (NPS) role service installed.

**Correct Answer: C**

**Section: Exam M**

**Explanation**

**Explanation/Reference:**

## **SECURITY REQUIREMENTS**

The corporate security policy states the following requirements:

- Ensure that the latest Windows updates are installed on all client computers.
- Ensure that Windows Firewall is enabled on every client computer that connects remotely.
- Prevent all client computers that do not comply with the security policy from connecting to the internet.

The corporate auditing policy must meet the following requirements:

- Only the dedicated user accounts must be able access servers that contain confidential documents.
- The dedicated user accounts must be assigned auditing rights as a group, not as individual users.
- The number of groups that contain the dedicated user accounts must be minimized.

[http://technet.microsoft.com/en-us/library/dd125397\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/dd125397(WS.10).aspx)



## Exam N

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Wingtip Toys**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Wingtip Toys has a main office and 10 branch offices.

#### **PLANNED CHANGES**

Wingtip Toys plans to implement the following changes:

- Assign IPv6 addresses to all client computers.
- Deploy domain controllers in the branch offices.
- Provide VPN access to all of the users in both forests.
- Deploy Network Access Protection (NAP) in the wingtip toys.com forest.
- Ensure that only the users in the tailspintoys.com accounting department can access the resources in wingtip toys.com.

#### **EXISTING ENVIRONMENT**

The network contains a Microsoft Exchange Server 2010 organization.

Wingtip Toys has many departments, including an accounting department.

#### **Business Goals**

New software and hardware solutions must be implemented by using the minimum amount of administrative effort.



## Existing Active Directory Environment

The network contains two Active Directory forests named wingtiptoys.com and tailspintoys.com. Each forest contains one domain.

All of the domain controllers in wingtiptoys.com run Windows Server 2008 R2. All of the domain controllers in tailspintoys.com run Windows Server 2003.

The forests and the domains are configured as shown in the following table.

Forest or domain name	Functional level
Wingtiptoys.com forest	Windows Server 2003
Wingtiptoys.com domain	Windows Server 2003
Tailspintoys.com forest	Windows 2000
Tailspintoys.com domain	Windows 2000 native

## Existing Network Infrastructure

Each office is on a separate IPv4 subnet.

All of the domain controllers are located in the main office.

## Technical Requirements

Wingtip Toys must meet the following technical requirements:

- All IPv6 addresses must use a private IP address range.
- All IPv6 addresses must be routable between offices only.

## Security Requirements

Wingtip Toys must meet the following security requirements:

- Ensure that client computers do not require certificates.
- Prevent certain users from printing confidential documents and forwarding the documents by e-mail.
- Prevent administrator passwords from being replicated to the domain controllers in the branch offices.
- Control remote access to client computers that use static IP addresses and dynamically-assigned IP addresses.
- Quarantine the local client computers and the remote client computers that do not have the latest Windows updates installed.
- Ensure that the users in tailspintoys.com can only access the shares in wingtiptoys.com to which they have explicit permissions.
- Ensure that all of the users who run Microsoft Office Outlook can perform global address list (GAL) lookups on their server in their local office.

- A. Mark this!
- B.
- C.

D.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

### Testlet 8 Wingtip Toys

#### Question 1 of 6

You need to recommend a VPN strategy that meets the company's business goals

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

- A. In each forest, deploy one server that has the Network Policy Server (NPS) role service installed.
- B. In each forest, deploy one server that has the Routing and Remote Access service (RRAS) role service installed.
- C. In the wingtip toys.com forest, deploy one server that has the Network Policy Server (NPS) role service installed.
- D. In the wingtip toys.com forest, deploy one server that has the Routing and Remote Access service (RRAS) role service installed.
- E. In the wingtip toys.com forest, deploy one server that has the Active Directory Federation Services (AD FS) role service installed.

**Correct Answer:** BC

**Section:** Exam N

**Explanation**

**Explanation/Reference:**

### Security Requirements

Wingtip Toys must meet the following security requirements:

- Ensure that client computers do not require certificates.
- Prevent certain users from printing confidential documents and forwarding the documents by e-mail.
- Prevent administrator passwords from being replicated to the domain controllers in the branch offices.
- Control remote access to client computers that use static IP addresses and dynamically-assigned IP addresses.
- Quarantine the local client computers and the remote client computers that do not have the latest Windows updates installed.
- Ensure that the users in tailspintoys.com can only access the shares in wingtip toys.com to which they have explicit permissions.
- Ensure that all of the users who run Microsoft Office Outlook can perform global address list (GAL) lookups on their server in their local office.

### Business Goals

New software and hardware solutions must be implemented by using the minimum amount of administrative effort.

## PLANNED CHANGES

Wingtip Toys plans to implement the following changes:

- Assign IPv6 addresses to all client computers.
- Deploy domain controllers in the branch offices.
- Provide VPN access to all of the users in both forests.
- Deploy Network Access Protection (NAP) in the wingtiptoys.com forest.
- Ensure that only the users in the tailspintoys.com accounting department can access the resources in wingtiptoys.com.

**Comments by Vrykolakas:** correct but stupid.

### QUESTION 3

#### Testlet 8 Wingtip Toys

##### Question 2 of 6

You need to recommend a document protection strategy that meets the company's security requirements.

What should you include in the recommendation?

- A. Active Directory Certificate Services (AD CS)
- B. Active Directory Rights Management Services (AD RMS)
- C. Secure/Multipurpose Internet Mail Extensions (S/MIME)
- D. Windows BitLocker Drive Encryption (BitLocker)

**Correct Answer:** B

**Section:** Exam N

**Explanation**

**Explanation/Reference:**

### Security Requirements

Wingtip Toys must meet the following security requirements:

- Ensure that client computers do not require certificates.
- Prevent certain users from printing confidential documents and forwarding the documents by e-mail.
- Prevent administrator passwords from being replicated to the domain controllers in the branch offices.
- Control remote access to client computers that use static IP addresses and dynamically-assigned IP addresses.
- Quarantine the local client computers and the remote client computers that do not have the latest Windows updates installed.
- Ensure that the users in tailspintoys.com can only access the shares in wingtiptoys.com to which they have explicit permissions.
- Ensure that all of the users who run Microsoft Office Outlook can perform global address list (GAL) lookups on the mail server in their local office.

### QUESTION 4

#### Testlet 8 Wingtip Toys

##### Question 3 of 6

You are evaluating whether to create a trust relationship between tailspintoys.com and wingtiptoys.com.

You need to recommend a trust relationship configuration that supports the company's planned changes.

What should you include in the recommendation?

- A. Name suffix routing
- B. Selective authentication
- C. SID Filtering
- D. Universal group membership caching

**Correct Answer:** B

**Section:** Exam N

**Explanation**

**Explanation/Reference:**

### PLANNED CHANGES

Wingtip Toys plans to implement the following changes:

- Assign IPv6 addresses to all client computers.
- Deploy domain controllers in the branch offices.
- Provide VPN access to all of the users in both forests.
- Deploy Network Access Protection (NAP) in the wingtip toys.com forest.
- Ensure that only the users in the tailspintoys.com accounting department can access the resources in wingtip toys.com.

### QUESTION 5

**Testlet 8 Wingtip Toys**

**Question 4 of 6**

You need to ensure that you can migrate objects from tailspintoys.com by using Active Directory Migration Tool version 3.2 (ADMT v3.2).

What should you do tailspintoys.com?

- A. Raise the functional level of the domain.
- B. Convert all the global groups to universal groups.
- C. Run the Active Directory Preparation Tool (Adprep.exe)
- D. Upgrade the primary domain controller (PDC) emulator to Windows Server 2008 R2.

**Correct Answer:** A

**Section:** Exam N

**Explanation**

**Explanation/Reference:**



## Existing Active Directory Environment

The network contains two Active Directory forests named wingtip toys.com and tailspintoy.com. Each forest contains one domain.

All of the domain controllers in wingtip toys.com run Windows Server 2008 R2. All of the domain controllers in tailspintoy.com run Windows Server 2003.

The forests and the domains are configured as shown in the following table.

Forest or domain name	Functional level
Wingtip toys.com forest	Windows Server 2003
Wingtip toys.com domain	Windows Server 2003
Tailspintoy.com forest	Windows 2000
Tailspintoy.com domain	Windows 2000 native

If you are using ADMT version 3.2, the source and target domains must be at least at a Windows Server 2003 functional level.

[http://technet.microsoft.com/en-us/library/cc974342\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc974342(WS.10).aspx)

<http://eightwone.com/tag/admt/>

### QUESTION 6

#### Testlet 8 Wingtip Toys

##### Question 5 of 6

You need to recommend an IP addressing solution that meets the company's technical requirements.

Which IPv6 prefix should you include in the recommendation?

- A. 2001::/10
- B. FC00::/10
- C. FE80::/10
- D. FF00::/10

**Correct Answer:** B

**Section:** Exam N

**Explanation**

**Explanation/Reference:**

### Technical Requirements

Wingtip Toys must meet the following technical requirements:

- All IPv6 addresses must use a private IP address range.
- All IPv6 addresses must be routable between offices only.

### QUESTION 7

#### Testlet 8 Wingtip Toys

##### Question 6 of 6

You need to recommend a solution for deploying the domain controllers in the branch offices. The solution must meet the company's security requirements.

What should you recommend?

- A. Deploy writeable Domain controllers that run a Server Core installation of Windows Server 2008 R2. Enable universal group membership caching.
- B. Deploy Read-only Domain Controllers (RODCs) that run a full installation of Windows Server 2008 R2. Enable universal group membership caching.
- C. Deploy writeable Domain controllers that run a Server Core installation of Windows Server 2008 R2. Configure the domain controllers as global catalog servers.
- D. Deploy Read-only Domain Controllers (RODCs) that run a full installation of Windows Server 2008 R2. Configure the domain controllers as global catalog servers.

**Correct Answer:** D

**Section:** Exam N

**Explanation**

**Explanation/Reference:**

### **Business Goals**

New software and hardware solutions must be implemented by using the minimum amount of administrative effort.

### **Security Requirements**

Wingtip Toys must meet the following security requirements:

- Ensure that client computers do not require certificates.
- Prevent certain users from printing confidential documents and forwarding the documents by e-mail.
- Prevent administrator passwords from being replicated to the domain controllers in the branch offices.
- Control remote access to client computers that use static IP addresses and dynamically-assigned IP addresses.
- Quarantine the local client computers and the remote client computers that do not have the latest Windows updates installed.
- Ensure that the users in tailspintoys.com can only access the shares in wingtiptoy.com to which they have explicit permissions.
- Ensure that all of the users who run Microsoft Office Outlook can perform global address list (GAL) lookups on the mail server in their local office.

**Exam O**

**QUESTION 1  
TESTLET OVERVIEW**

**Title: A. Datum Coporation**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instuctions button on the question screen.

**COMPANY OVERVIEW**

A. Datum Corporation is a manufacturing company that has a main office and a branch office. The main office is in Denver. The branch office is located in Seattle.

**PLANNED CHANGES**

A. Datum plans to implement the following changes:

- Transition the network from IPv4 to IPv6.
- Decommission all of the WINS servers on the network.
- Open a new sales office in Redmond. The Redmond office will connect to the Seattle office by using a WAN link.
- Deploy two new applications named App1 and App2. App1 and App2 cannot be installed on the same computer. All users must be able to run App1 and App2 when they are disconnected from the network.

**Business Goals**

A. Datum has the following business goals:

- Minimize WAN link utilization.
- Minimize the cost of managing the network infrastructure and the servers.

**Existing Active Directory/Directory Services**

The network contains a single Active Directory forest. The forest contains two domains named adatum.com and contoso.com.

The forest contains the domain controllers configured as shown in the following table.

Domain controller name	Location	Subnet
DC1 DC2	Denver	10.0.1.0/24
DC3 DC4	Seattle	10.0.2.0/24



## Existing Network Infrastructure

All servers run Windows Server 2008 R2. All client computers were exchanged recently for new client computers that run Windows 7 Enterprise.

The main office has two file servers and two WINS servers.

The network contains multiple client/server applications that require NetBIOS name resolution.

The network has Active Directory Rights Management Services (AD RMS) deployed.

A. Datum has a human resources (HR) department that publishes employee guidelines. The guideline files are stored in a shared folder on a file server. The HR manager updates the guidelines regularly. All users access the guidelines through the shared folder.

## Security Requirements

All sensitive documents are stored in a network share named Share1. All of the new documents in Share1 must have their rights automatically protected.

All users must be able to send rights-protected documents from Share1 to users in a partner organization. The partner organization must be able to view the contents of the documents. The partner organization does not have an AD RMS infrastructure.

Only employees of Datum can have user accounts in the Datum.com domain.

## User Requirements

All employee guideline files must be available to all users if the file server that stores the files fails.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

**Testlet 9 A. Datum Corporation**

**Question 1 of 6**

You need to recommend a storage solution for the rights-protected documents that meets the company's security requirements.

What should you include in the recommendation?

- A. Active Directory Certificate Services (AD CS)
- B. File Server Resource Manager (FSRM)
- C. Microsoft System Center Data Protection Manager 2010
- D. Network Policy Server (NPS)

**Correct Answer:** B

**Section: Exam O**  
**Explanation**

**Explanation/Reference:**

## TECHNICAL REQUIREMENTS

### Security Requirements

All sensitive documents are stored in a network share named Share1. All of the new documents in Share1 must automatically have rights protected.

All users must be able to send rights-protected documents from Share1 to users in a partner organization. The partner organization must be able to view the contents of the documents. The partner organization does not have an AD RMS infrastructure.

Only employees of Adatum can have user accounts in the Adatum.com domain.

### User Requirements

All employee guideline files must be available to all users if the file server that stores the files fails.

## QUESTION 3

### Testlet 9 A. Datum Corporation

#### Question 2 of 6

You need to recommend a storage solution for the file servers that meets the company's user requirements.

What should you include in the recommendation?

- A. BranchCache
- B. Distributed File System (DFS) Replication
- C. Network Load Balancing (NLB)
- D. Services for Network File System (NFS)

**Correct Answer: B**

**Section: Exam O**

**Explanation**

**Explanation/Reference:**

## TECHNICAL REQUIREMENTS

### Security Requirements

All sensitive documents are stored in a network share named Share1. All of the new documents in Share1 must automatically have rights protected.

All users must be able to send rights-protected documents from Share1 to users in a partner organization. The partner organization must be able to view the contents of the documents. The partner organization does not have an AD RMS infrastructure.

Only employees of Adatum can have user accounts in the Adatum.com domain.

### User Requirements

All employee guideline files must be available to all users if the file server that stores the files fails.

### Business Goals

A. Datum has the following business goals:

- Minimize WAN link utilization.
- Minimize the cost of managing the network infrastructure and the servers.

**Comments by Vrykolakas:** original was A. BranchCache does not allow accessing a file if the file server is down.

#### QUESTION 4

##### Testlet 9 A. Datum Corporation

##### Question 3 of 6

You need to recommend a solution for the partner organization to access the rights-protected documents. The solution must meet the company's security requirements.

What should you include in the recommendation?

- A. Active Directory Certificate Services (AD CS)
- B. Active Directory Federation Services (AD FS)
- C. Microsoft Forefront Identity Manager (FIM) 2010
- D. Microsoft Forefront Unified Access Gateway (UAG) 2010

**Correct Answer:** B

**Section:** Exam O

**Explanation**

**Explanation/Reference:**

## TECHNICAL REQUIREMENTS

### Security Requirements

All sensitive documents are stored in a network share named Share1. All of the new documents in Share1 must automatically have rights protected.

All users must be able to send rights-protected documents from Share1 to users in a partner organization. The partner organization must be able to view the contents of the documents. The partner organization does not have an AD RMS infrastructure.

Only employees of Adatum can have user accounts in the Adatum.com domain.

### User Requirements

All employee guideline files must be available to all users if the file server that stores the files fails.

## COMPANY OVERVIEW

A. Datum Corporation is a manufacturing company that has a main office and a branch office. The main office is located in Denver. The branch office is located in Seattle.

## PLANNED CHANGES

A. Datum plans to implement the following changes:

- Transition the network from IPv4 to IPv6.
- Decommission all of the WINS servers on the network.
- Open a new sales office in Redmond. The Redmond office will connect to the Seattle office by using a VPN.
- Deploy two new applications named App1 and App2. App1 and App2 cannot be installed on the same computer. All users must be able to run App1 and App2 when they are disconnected from the network.

Comments by Vrykolakas: original was D.

### QUESTION 5

#### Testlet 9 A. Datum Corporation

#### Question 4 of 6

You need to recommend a name resolution strategy that supports the company's planned changes.

Which two DNS configurations should you include in the recommendation? (Each correct answer presents a complete solution. Choose two.)

- A. A GlobalNames zone
- B. A WINS proxy
- C. Multiple DNS suffixes on the client computers
- D. Stub zones
- E. Trust Anchors

**Correct Answer:** AC

**Section:** Exam 0

**Explanation**

**Explanation/Reference:**



## PLANNED CHANGES

A. Datum plans to implement the following changes:

- Transition the network from IPv4 to IPv6.
- Decommission all of the WINS servers on the network.
- Open a new sales office in Redmond. The Redmond office will connect to the Seattle office by using a
- Deploy two new applications named App1 and App2. App1 and App2 cannot be installed on the same computer. All users must be able to run App1 and App2 when they are disconnected from the network

The network contains multiple client/server applications that require NetBIOS name resolution.

### QUESTION 6

#### Testlet 9 A. Datum Coporation

##### Question 5 of 6

You need to recommend a solution for the deployment of App1 and App2 that supports the company's planned changes.

What should you include in the recommendation?

- A. Microsoft Application Virtualization (App-V)
- B. Published applications by using Group Policy Objects (GPOs)
- C. RemoteApp
- D. Virtual Desktop Infrastructure (VDI)

**Correct Answer:** A

**Section:** Exam O

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

A. Datum plans to implement the following changes:

- Transition the network from IPv4 to IPv6.
- Decommission all of the WINS servers on the network.
- Open a new sales office in Redmond. The Redmond office will connect to the Seattle office by using a
- Deploy two new applications named App1 and App2. App1 and App2 cannot be installed on the same computer. All users must be able to run App1 and App2 when they are disconnected from the network

### QUESTION 7

#### Testlet 9 A. Datum Coporation

##### Question 6 of 6

You need to ensure that all the users in the Redmond office always attempt to authenticate to either DC3 or DC4 first.

What should you do?

- A. Disable site link bridging.
- B. Enable universal group membership caching in the Seattle office.
- C. Create a subnet object for the Redmond office, and then assign the subnet object to the Seattle office.
- D. Create a site object for the Redmond office, and then assign the Subnet object of the Seattle office to the

Redmond office.

**Correct Answer:** C

**Section:** Exam O

**Explanation**

**Explanation/Reference:**

### PLANNED CHANGES

A. Datum plans to implement the following changes:

- Transition the network from IPv4 to IPv6.
- Decommission all of the WINS servers on the network.
- Open a new sales office in Redmond. The Redmond office will connect to the Seattle office by using a VPN.
- Deploy two new applications named App1 and App2. App1 and App2 cannot be installed on the same computer. All users must be able to run App1 and App2 when they are disconnected from the network.

Domain controller name	Location	Subnet
DC1 DC2	Denver	10.0.1.0/24
DC3 DC4	Seattle	10.0.2.0/24

## Exam P

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Blue Yonder Airlines**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Blue Yonder Airlines has a main office and four branch offices.

#### **PLANNED CHANGES**

Blue Yonder Airlines plans to implement the following changes:

- Upgrade all client computers to Windows 7.
- Deploy a virtualization solution for the company's developers.
- Implement coexistence between the users in Fabrikam and the users in Blue Yonder Airlines.

#### **EXISTING ENVIRONMENT**

One user in each office runs a point-of-sale (POS) application named App1. App1 requires access to a local U and only runs on Windows XP Service Pack 3 (SP3).

Blue Yonder Airlines has a finance department.

#### **Business Goals**

Blue Yonder Airlines plans to acquire a company named Fabrikam, Inc. Fabrikam has an Active Directory forest fabrikam.com. Fabrikam.com contains only domain controllers that run Windows Server 2003 Service Pack 2 (S

Fabrikam.com contains multiple Web servers that are secured by using certificates. All server certificates are the internal CA of Fabrikam.



## Existing Active Directory Environment

The network contains an Active Directory forest named blueyonderairlines.com. The forest contains a single d

The domain contains domain controllers that run Windows Server 2008. The domain controllers are configured in the following table.

Domain controller name	Domain controller role
DC1	<ul style="list-style-type: none"><li>• Schema master</li><li>• Domain naming master</li><li>• Infrastructure master</li><li>• Primary domain controller (PDC) emulator</li><li>• RID master</li><li>• Global catalog server</li><li>• DNS server</li></ul>
DC2	<ul style="list-style-type: none"><li>• Global catalog server</li><li>• DNS server</li></ul>
DC3	<ul style="list-style-type: none"><li>• Global catalog server</li></ul>
DC4	<ul style="list-style-type: none"><li>• Global catalog server</li><li>• DNS server</li></ul>
DC5	<ul style="list-style-type: none"><li>• Global catalog server</li><li>• DNS server</li></ul>

The forest contains a single Active Directory site. A subnet object is defined for each office.

The forest contains a certification authority (CA).

## Existing Network Infrastructure

Each office has a file server and a print server.

The main office has a file server named Server1. The shared folders on Server1 are configured as shown in the table.

Share name	NTFS permission
Data	Authenticated users: Full Control
Private	Finance department users: Full Control

Blueyonderairlines.com has a standalone DFS root named \\server1\corp that contains a link named sales. Replicas of \\server1\corp\sales are deployed in each office.

## Current Administration Model

Administrators manage the Active Directory objects by using the Active Directory module for Windows Powershell.

## TECHNICAL REQUIREMENTS

Blue Yonder Airlines must meet the following requirements for coexistence between Blue Yonder Airlines and Fabrikam.

- Only specific users in Fabrikam must be allowed to access specific shares in blueyonderairlines.com.
- Users in Blue Yonder Airlines must be able to access the secure Web servers in fabrikam.com without receiving a warning message about the certificate.
- All administrators in Blue Yonder Airlines must be able to administer Active Directory objects in fabrikam.com using their default administrative tools.

The corporate security policy states that when a domain controller fails, all references to the domain controller must be permanently removed from the domain before the domain controller is replaced.

Blue Yonder Airlines must meet the following virtualization requirements:

- Ensure that each developer can create and manage his own virtual machine (VM).
- Prevent the developers from configuring the settings of other developers' VMs.
- Prevent the developers from creating VMs that use more than 2 GB of memory.
- Minimize the amount of bandwidth used when users access files over WAN links.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

#### Testlet 10: Blue Yonder Airlines

##### Question 1 of 6

You need to recommend a software solution for App1 that supports the company's planned changes.

What should you include in the recommendation?

- A. Microsoft Application Virtualization (App-V)
- B. Microsoft Enterprise Desktop Virtualization (MED-V)
- C. RemoteApp
- D. Windows XP Mode

**Correct Answer:** D

**Section:** Exam P

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

Blue Yonder Airlines plans to implement the following changes:

- Upgrade all client computers to Windows 7.
- Deploy a virtualization solution for the company's developers.
- Implement coexistence between the users in Fabrikam and the users in Blue Yonder Airlines.

## EXISTING ENVIRONMENT

One user in each office runs a point-of-sale (POS) application named App1. App1 requires access to a local U and only runs on Windows XP Service Pack 3 (SP3).

**Comments by Vrykolakas:** correct but keep in mind that for large-scale deployment, MedV would make more sense

### QUESTION 3

**Testlet 10: Blue Yonder Airlines**

**Question 2 of 6**

You need to recommend a strategy to recover Active Directory if DC1 fails.



<http://www.gratisexam.com/>

What should you include in the recommendation? (Each correct answer presents part of the solution. Choose two.)

- A. Remove the DNS zone.
- B. Reset the DC1 computer object.
- C. Seize the operations master roles.
- D. Transfer the operations master roles.
- E. Remove the computer object for DC1 from the domain.

**Correct Answer:** CE

**Section:** Exam P

**Explanation**

**Explanation/Reference:**

Domain controller name	Domain controller role
DC1	<ul style="list-style-type: none"> <li>• Schema master</li> <li>• Domain naming master</li> <li>• Infrastructure master</li> <li>• Primary domain controller (PDC) emulator</li> <li>• RID master</li> <li>• Global catalog server</li> <li>• DNS server</li> </ul>
DC2	<ul style="list-style-type: none"> <li>• Global catalog server</li> <li>• DNS server</li> </ul>
DC3	<ul style="list-style-type: none"> <li>• Global catalog server</li> </ul>
DC4	<ul style="list-style-type: none"> <li>• Global catalog server</li> <li>• DNS server</li> </ul>
DC5	<ul style="list-style-type: none"> <li>• Global catalog server</li> <li>• DNS server</li> </ul>

## TECHNICAL REQUIREMENTS

Blue Yonder Airlines must meet the following requirements for coexistence between Blue Yonder Airlines and Fabrikam.

- Only specific users in Fabrikam must be allowed to access specific shares in blueyonderairlines.com.
- Users in Blue Yonder Airlines must be able to access the secure Web servers in fabrikam.com without receiving a warning message about the certificate.
- All administrators in Blue Yonder Airlines must be able to administer Active Directory objects in fabrikam.com using their default administrative tools.

The corporate security policy states that when a domain controller fails, all references to the domain controller must be permanently removed from the domain before the domain controller is replaced.

### QUESTION 4

#### Testlet 10: Blue Yonder Airlines

#### Question 3 of 6

You need to recommend the configuration for a trust relationship that meets the company's technical requirements.

Which trust relationship configuration should you recommend in the blueyonderairlines.com forest?

- A. a one-way, incoming forest trust that has selective authentication enabled
- B. a one-way, incoming forest trust that has SID Filtering enabled
- C. a one-way, outgoing forest trust that has selective authentication enabled
- D. a one-way, outgoing forest trust that has SID Filtering enabled

**Correct Answer: C**

**Section: Exam P**

**Explanation**

**Explanation/Reference:**

## TECHNICAL REQUIREMENTS

Blue Yonder Airlines must meet the following requirements for coexistence between Blue Yonder Airlines and F.

- Only specific users in Fabrikam must be allowed to access specific shares in blueyonderairlines.com.
- Users in Blue Yonder Airlines must be able to access the secure Web servers in fabrikam.com without receiving a warning message about the certificate.
- All administrators in Blue Yonder Airlines must be able to administer Active Directory objects in fabrikam.com using their default administrative tools.

The corporate security policy states that when a domain controller fails, all references to the domain controller must be permanently removed from the domain before the domain controller is replaced.

Blue Yonder Airlines must meet the following virtualization requirements:

- Ensure that each developer can create and manage his own virtual machine (VM).
- Prevent the developers from configuring the settings of other developers' VMs.
- Prevent the developers from creating VMs that use more than 2 GB of memory.
- Minimize the amount of bandwidth used when users access files over WAN links.

### QUESTION 5

#### Testlet 10: Blue Yonder Airlines

#### Question 4 of 6

You need to recommend an interoperability **التوافقية** strategy for the Blue Yonder Airlines administrators that meets the company's technical requirements.

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

- A. Create an incoming, one-way trust in fabrikam.com
- B. Create an incoming, one-way trust in blueyonderairlines.com
- C. Install the Active Directory Management Gateway Service on a member server in fabrikam.com
- D. Install the Active Directory Management Gateway Service on a domain controller in fabrikam.com
- E. Install the Active Directory Management Gateway Service on a member server in blueyonderairlines.com

**Correct Answer:** BD

**Section:** Exam P

**Explanation**

**Explanation/Reference:**



## TECHNICAL REQUIREMENTS

Blue Yonder Airlines must meet the following requirements for coexistence between Blue Yonder Airlines and Fabrikam.

- Only specific users in Fabrikam must be allowed to access specific shares in blueyonderairlines.com.
- Users in Blue Yonder Airlines must be able to access the secure Web servers in fabrikam.com without receiving a warning message about the certificate.
- All administrators in Blue Yonder Airlines must be able to administer Active Directory objects in fabrikam.com using their default administrative tools.

The corporate security policy states that when a domain controller fails, all references to the domain controller must be permanently removed from the domain before the domain controller is replaced.

### QUESTION 6

#### Testlet 10: Blue Yonder Airlines

#### Question 5 of 6

You need to recommend a management strategy for the planned virtualization solution. The strategy must meet the company's technical requirements.

What should you include in the recommendation?

- A. Install the Hyper-V Manager console on each client computer. Configure the Authorization Manager roles.
- B. Install the Hyper-V Manager console on each client computer. Modify the integration services settings for each VM.
- C. Deploy Microsoft System Center Virtual Machine Manager (VMM) 2007 R2 and the VMM Self-Service Portal.
- D. Deploy Microsoft System Center Virtual Machine Manager (VMM) 2007 R2. Install the VMM console on the client computers of the developers.

**Correct Answer:** C

**Section:** Exam P

**Explanation**

#### Explanation/Reference:

Blue Yonder Airlines must meet the following virtualization requirements:

- Ensure that each developer can create and manage his own virtual machine (VM).
- Prevent the developers from configuring the settings of other developers' VMs.
- Prevent the developers from creating VMs that use more than 2 GB of memory.
- Minimize the amount of bandwidth used when users access files over WAN links.

### QUESTION 7

#### Testlet 10: Blue Yonder Airlines

#### Question 6 of 6

You need to recommend a certificate strategy that meets the company's technical requirements.

What should you recommend?

- A. Modify the issuance policies of Fabrikam.
- B. Modify the issuance policies of Blue Yonder Airlines.
- C. Deploy the root CA certificate of fabrikam.com to all of the client computers in the blueyonderairlines.com.

D. Deploy the root CA certificate of blueyonderairlines.com to all of the client computers in the fabrikam.com

**Correct Answer: C**

**Section: Exam P**

**Explanation**

**Explanation/Reference:**

## TECHNICAL REQUIREMENTS

Blue Yonder Airlines must meet the following requirements for coexistence between Blue Yonder Airlines and Fabrikam.com:

- Only specific users in Fabrikam must be allowed to access specific shares in blueyonderairlines.com.
- Users in Blue Yonder Airlines must be able to access the secure Web servers in fabrikam.com without receiving a warning message about the certificate.
- All administrators in Blue Yonder Airlines must be able to administer Active Directory objects in fabrikam.com using their default administrative tools.

The corporate security policy states that when a domain controller fails, all references to the domain controller must be permanently removed from the domain before the domain controller is replaced.

Blue Yonder Airlines must meet the following virtualization requirements:

- Ensure that each developer can create and manage his own virtual machine (VM).
- Prevent the developers from configuring the settings of other developers' VMs.
- Prevent the developers from creating VMs that use more than 2 GB of memory.
- Minimize the amount of bandwidth used when users access files over WAN links.



## Exam Q

### QUESTION 1 TESTLET OVERVIEW

#### **Title: School of Fine Art**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

School of Fine Art is an educational institution that has a main campus and two satellite campuses. The main campus is located in New York. The satellite campuses are located in Los Angeles and Chicago.

#### **PLANNED CHANGES**

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. The application must be updated by using the minimum amount of administrative effort.

School of Fine Art plans to centralize the management of all its virtualization technologies.

School of Fine Art plans to implement the following storage requirements for the documents on Server1:

- Archive all of the content on Server 1 that is older than 180 days.
- Prevent files that have a specific file type from being uploaded to Server 1.
- Automatically send administrators a report by using e-mail that contains a list of the duplicate files on Server 1.

School of Fine Art plans to implement an auditing solution.

School of Fine Art plans to improve the performance of the PKI infrastructure.

School of Fine Art plans to deploy a Windows Update solution on all client computers.

#### **Business Goals**

Minimize software licensing costs.

#### **Existing Active Directory Environment**

The network contains a single Active Directory domain named fineartschool.net.

All domain controllers run either Windows Server 2003 or Windows Server 2008 R2. All client computers run a 64-bit version of Windows 7.

## Existing Network Infrastructure

School of Fine Art has a file server named Server1.

The network contains the following virtualization technologies:

- VMWare ESX Server
- Microsoft Hyper-V Server 2008
- Microsoft Virtual Server 2005 R2

The company's internal Public Key Infrastructure (PKI) contains two servers named CA1 and CA2. CA1 and CA2 have Active Directory Certificate Services (AD CS) role service installed.

CA1 is configured as an offline standalone root certification authority (CA). CA2 is configured as an enterprise CA. CA2 has been issuing certificates for many years.

## Technical Requirements

School of Fine Art must meet the following technical requirements:

- Minimize the amount of time it takes client computers to verify certificates.
- Minimize the amount of network bandwidth the client computers use to verify the certificates.
- Ensure that only client computers that have the latest Windows updates installed can connect to the network.
- Log each change made to the objects stored in Active Directory. Ensure that the logs contain the before and after values of all the changes.

## Administration Requirements

Administrators report that it takes a long time to manage the virtualization technologies by using the default administrative tools. A new solution must be implemented to manage the virtualization technologies.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

**Testlet 11: School of Fine Art**

**Question 1 of 6**

You need to recommend changes to the environment that meet the company's technical requirements for auditing Active Directory objects.

What should you include in the recommendation?

A. Deploy Microsoft System Center Configuration Manager.

- B. Run the active Directory Preparation Tool (Adprep.exe)
- C. Run auditpol.exe on each domain controller that runs Windows Server 2003
- D. Upgrade each domain controller that runs Windows Server 2003 to Windows Server 2008

**Correct Answer:** D

**Section:** Exam Q

**Explanation**

**Explanation/Reference:**

### Technical Requirements

School of Fine Art must meet the following technical requirements:

- Minimize the amount of time it takes client computers to verify certificates.
- Minimize the amount of network bandwidth the client computers use to verify the certificates.
- Ensure that only client computers that have the latest Windows updates installed can connect to the network.
- Log each change made to the objects stored in Active Directory. Ensure that the logs contain the before and after values of all the changes.

### PLANNED CHANGES

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. The application must be updated by using the minimum amount of administrative effort.

School of Fine Art plans to centralize the management of all its virtualization technologies.

School of Fine Art plans to implement the following storage requirements for the documents on Server1:

- Archive all of the content on Server 1 that is older than 180 days.
- Prevent files that have a specific file type from being uploaded to Server 1.
- Automatically send administrators a report by using e-mail that contains a list of the duplicate files on Server 1.

School of Fine Art plans to implement an auditing solution.

School of Fine Art plans to improve the performance of the PKI infrastructure.

School of Fine Art plans to deploy a Windows Update solution on all client computers.

### Business Goals

Minimize software licensing costs.

#### QUESTION 3

**Testlet 11: School of Fine Art**

**Question 2 of 6**

You need to recommend a management solution for Server1 that supports the company's planned changes.

What should you include in the recommendation?

- A. Access-Based Enumeration (ABE)
- B. Distributed File System (DFS)
- C. File Server Resource Manager (FSRM)
- D. Share and Storage Management

**Correct Answer: C**

**Section: Exam Q**

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. The application must be updated by using the minimum amount of administrative effort.

School of Fine Art plans to centralize the management of all its virtualization technologies.

School of Fine Art plans to implement the following storage requirements for the documents on Server1:

- Archive all of the content on Server 1 that is older than 180 days.
- Prevent files that have a specific file type from being uploaded to Server 1.
- Automatically send administrators a report by using e-mail that contains a list of the duplicate files on Server 1.

School of Fine Art plans to implement an auditing solution.

School of Fine Art plans to improve the performance of the PKI infrastructure.

School of Fine Art plans to deploy a Windows Update solution on all client computers.

## QUESTION 4

**Testlet 11: School of Fine Art**

**Question 3 of 6**

You need to recommend an update and compliance strategy that meets the company's technical requirements.

What should you include in the recommendation?

- A. Microsoft System Center Configuration Manager and Host Credential Authorization Protocol (HCAP)
- B. Microsoft System Center Configuration Manager and Network Policy Server (NPS)
- C. Windows Server Update Services (WSUS) and Host Credential Authorization Protocol (HCAP)
- D. Windows Server Update Services (WSUS) and Network Policy Server (NPS)

**Correct Answer: D**

**Section: Exam Q**

**Explanation**

**Explanation/Reference:**



## Technical Requirements

School of Fine Art must meet the following technical requirements:

- Minimize the amount of time it takes client computers to verify certificates.
- Minimize the amount of network bandwidth the client computers use to verify the certificates.
- Ensure that only client computers that have the latest Windows updates installed can connect to the network.
- Log each change made to the objects stored in Active Directory. Ensure that the logs contain the before and after values of all the changes.

## PLANNED CHANGES

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. The application must be updated by using the minimum amount of administrative effort.

School of Fine Art plans to centralize the management of all its virtualization technologies.

School of Fine Art plans to implement the following storage requirements for the documents on Server1:

- Archive all of the content on Server 1 that is older than 180 days.
- Prevent files that have a specific file type from being uploaded to Server 1.
- Automatically send administrators a report by using e-mail that contains a list of the duplicate files on Server 1.

School of Fine Art plans to implement an auditing solution.

School of Fine Art plans to improve the performance of the PKI infrastructure.

School of Fine Art plans to deploy a Windows Update solution on all client computers.

### QUESTION 5

#### Testlet 11: School of Fine Art

#### Question 4 of 6

You need to recommend a strategy to improve the PKI. The strategy must meet the company's technical requirements.

What should you include in the recommendation?

- A. Standalone subordinate CA
- B. The Certificate Enrollment Web Service role Service
- C. The Online Responder service
- D. Version 3 Certificate Templates

**Correct Answer: C**

**Section: Exam Q**

**Explanation**

**Explanation/Reference:**

The company's internal Public Key Infrastructure (PKI) contains two servers named CA1 and CA2. CA1 and CA2 have Active Directory Certificate Services (AD CS) role service installed.

CA1 is configured as an offline standalone root certification authority (CA). CA2 is configured as an enterprise CA. CA2 has been issuing certificates for many years.

## REQUIREMENTS

### Technical Requirements

School of Fine Art must meet the following technical requirements:

- Minimize the amount of time it takes client computers to verify certificates.
- Minimize the amount of network bandwidth the client computers use to verify the certificates.
- Ensure that only client computers that have the latest windows updates installed can connect to the objects stored in Active Directory.
- Log each change made to the objects stored in Active Directory. Ensure that the logs contain the before and after values of all the changes.

### QUESTION 6

#### Testlet 11: School of Fine Art

#### Question 5 of 6

You need to recommend a management solution for the virtualization technologies that supports the company's planned changes.

What should you recommend?

- A. Microsoft Enterprise Desktop Virtualization (MED-V)
- B. Microsoft System Center Operations Manager
- C. Microsoft System Center Virtual Machine Manager (VMM)
- D. Remote Server Administration Tools (RSAT)

**Correct Answer: C**

**Section: Exam Q**

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. The application must be updated by using the minimum amount of administrative effort.

School of Fine Art plans to centralize the management of all its virtualization technologies.

School of Fine Art plans to implement the following storage requirements for the documents on Server1:

- Archive all of the content on Server 1 that is older than 180 days.
- Prevent files that have a specific file type from being uploaded to Server 1.
- Automatically send administrators a report by using e-mail that contains a list of the duplicate files on Server 1.

School of Fine Art plans to implement an auditing solution.

School of Fine Art plans to improve the performance of the PKI infrastructure.

School of Fine Art plans to deploy a Windows Update solution on all client computers.

### QUESTION 7

#### Testlet 11: School of Fine Art

#### Question 6 of 6

You need to recommend a strategy for App1 that supports the company's planned changes.

What should you include in the recommendation?

- A. Create a Group Policy Object (GPO) that assigns App1 to all of the client computers.
- B. Create a Group Policy Object (GPO) that publishes App1 to all of the users on the network.
- C. Deploy Windows XP Mode on all of the client computers. Deploy App1 on the virtual machine (VM).
- D. Deploy App1 on a server that has the Remote Desktop Session Host (RD Session Host) role service installed.

**Correct Answer:** D

**Section:** Exam Q

**Explanation**

**Explanation/Reference:**

## PLANNED CHANGES

School of Fine Art plans to deploy a 64-bit line-of-business application named App1 to all users on the network. The application must be updated by using the minimum amount of administrative effort.

### Existing Active Directory Environment

The network contains a single Active Directory domain named fineartschool.net.

All domain controllers run either Windows Server 2003 or Windows Server 2008 R2. All client computers run a 64-bit version of Windows 7.



## Exam R

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Fabrikam Inc.**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Fabrikam Inc. is a manufacturing company that has a main office and 10 branch offices.

#### **PLANNED CHANGES**

Fabrikam plans to implement the following changes in the fabrikam.com domain:

- In the main office, implement two Hyper-V servers.
- Migrate all of the user accounts from research.fabrikam.com to fabrikam.com.
- On the Hyper-V servers in the main office, deploy 20 virtual machines (VMs) that run Windows Server
- In the perimeter network, implement a server that has the Routing and Remote Access service (RRAS) installed.

#### **EXISTING ENVIRONMENT**

Fabrikam.com contains application servers that run either Windows Server 2003, Windows Server 2008 Service Pack 2 (SP2), or Windows Server 2008 R2. All of the application servers run services that use domain user accounts.

Each branch office contains the following servers:

- A domain controller for fabrikam.com that runs a 32-bit version of Windows Server 2008 SP2
- A member server that runs Windows Server 2008 R2 and has the Hyper-V server role installed

#### **Business Goals**

All proposed solutions must minimize hardware and software costs.

## Existing Active Directory Environment

The network contains a single Active Directory forest. The forest contains two domains named fabrikam.com and research.fabrikam.com.

An Active Directory site exists for each office.

The main office has three domain controllers for fabrikam.com that run Windows Server 2008 R2.

The relevant organizational units (OUs) and Group Policy objects (GPOs) for fabrikam.com are configured as shown in the following table.

OU name	OU contents	Linked GPO
OU1	All of the user accounts	GPO1
OU2	All of the user accounts that are used as service accounts	GPO2
OU3	All of the computer accounts for the application servers	GPO3

The Default Domain Policy GPO for fabrikam.com requires that the password for each user account be changed every 60 days.

## Existing Network Infrastructure

The network contains an internal network and a perimeter network that are separated by a firewall. Only the internal network is accessible from the Internet.

All domain controllers are located in the internal network.

## Technical Requirements

Fabrikam must meet the following technical requirements:

- Minimize administrative effort.
- Support the use of Hyper-V live migration.
- Minimize the number of ports opened on all of the firewalls.
- Ensure that the VMs are available if a single host server fails.
- Minimize and control the amount of Active Directory replication traffic between the offices.
- Ensure that the users in the branch offices always authenticate to a local server when they log on.
- Ensure that the users who are migrated to fabrikam.com can access the servers in research.fabrikam.com with their current permissions.

## Security Requirements

Fabrikam must meet the following security requirements:

- Ensure that the passwords for all service accounts expire every 60 days.
- Maintain the current policy for changing the passwords of all other user accounts.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

**Testlet 12: Fabrikam Inc.**

**Question 1 of 6**

You need to plan an authentication solution for remote access that meets the company's technical requirements.

What should you include in the plan?

- A. Active Directory Lightweight Directory Services (AD LDS) in an internal network
- B. Active Directory Lightweight Directory Services (AD LDS) in a perimeter network
- C. Network Policy Server (NPS) in an internal network
- D. Network Policy Server (NPS) in a perimeter network

**Correct Answer:** C

**Section:** Exam R

**Explanation**

**Explanation/Reference:**

### Existing Network Infrastructure

The network contains an internal network and a perimeter network that are separated by a firewall. Only the internal network is accessible from the Internet.

All domain controllers are located in the internal network.

## REQUIREMENTS

### Technical Requirements

Fabrikam must meet the following technical requirements:

- Minimize administrative effort.
- Support the use of Hyper-V live migration.
- **Minimize the number of ports opened on all of the firewalls.**
- Ensure that the VMs are available if a single host server fails.
- Minimize and control the amount of Active Directory replication traffic between the offices.
- Ensure that the users in the branch offices always authenticate to a local server when they log on.
- Ensure that the users are migrated to fabrikam.com can access the servers in research.fabrikam.com with their current permissions.



## PLANNED CHANGES

Fabrikam plans to implement the following changes in the fabrikam.com domain:

- In the main office, implement two Hyper-V servers.
- Migrate all of the user accounts from research.fabrikam.com to fabrikam.com.
- On the Hyper-V servers in the main office, deploy 20 virtual machines (VMs) that run Windows Server 2008 R2.
- In the perimeter network, implement a server that has the Routing and Remote Access service (RRAS) installed.

### QUESTION 3

Testlet 12: Fabrikam Inc.

Question 2 of 6

You need to recommend a solution for the Hyper-V servers that meets the company's technical requirements.

What should you include in the recommendation?

- A. Host Failover Clustering
- B. Guest Failover Clustering
- C. Network Load Balancing (NLB) on the Hyper-V Servers
- D. Network Load Balancing (NLB) on the VMs

**Correct Answer:** A

**Section:** Exam R

**Explanation**

**Explanation/Reference:**

### Technical Requirements

Fabrikam must meet the following technical requirements:

- Minimize administrative effort.
- Support the use of Hyper-V live migration.
- Minimize the number of ports opened on all of the firewalls.
- Ensure that the VMs are available if a single host server fails.
- Minimize and control the amount of Active Directory replication traffic between the offices.
- Ensure that the users in the branch offices always authenticate to a local server when they log on.
- Ensure that the users are migrated to fabrikam.com can access the servers in research.fabrikam.com with their current permissions.

## PLANNED CHANGES

Fabrikam plans to implement the following changes in the fabrikam.com domain:

- In the main office, implement two Hyper-V servers.
- Migrate all of the user accounts from research.fabrikam.com to fabrikam.com.
- On the Hyper-V servers in the main office, deploy 20 virtual machines (VMs) that run Windows Server 2008 R2.
- In the perimeter network, implement a server that has the Routing and Remote Access Service (RRAS) installed.

## EXISTING ENVIRONMENT

Fabrikam.com contains application servers that run either Windows Server 2003, Windows Server 2008 Service Pack 2 (SP2), or Windows Server 2008 R2. All of the application servers run services that use domain user accounts.

Each branch office contains the following servers:

- A domain controller for fabrikam.com that runs a 32-bit version of Windows Server 2008 SP2.
- A member server that runs Windows Server 2008 R2 and has the Hyper-V server role installed.

### QUESTION 4

**Testlet 12: Fabrikam Inc.**

**Question 3 of 6**

You need to recommend a hardware solution for the domain controllers in the branch offices. The solution must meet the company's technical requirements.

What should you recommend doing in each branch office?

- A. Install Windows Server 2008 R2 on each existing domain controller.
- B. Install a new server as a VM that runs Windows Server 2008 R2, and then promote the server to a writable domain controller.
- C. Install a new server as a VM that runs Windows Server 2008 R2, and then promote the server to a Read-only domain controller (RODC).
- D. Install a new physical server that runs Windows Server 2008 R2, and then promote the server to a Read-only domain controller (RODC).

**Correct Answer: C**

**Section: Exam R**

**Explanation**

**Explanation/Reference:**



## Technical Requirements

Fabrikam must meet the following technical requirements:

- Minimize administrative effort.
- Support the use of Hyper-V live migration.
- Minimize the number of ports opened on all of the firewalls.
- Ensure that the VMs are available if a single host server fails.
- Minimize and control the amount of Active Directory replication traffic between the offices.
- Ensure that the users in the branch offices always authenticate to a local server when they log on.
- Ensure that the users are migrated to fabrikam.com can access the servers in research.fabrikam.com with their current permissions.

## EXISTING ENVIRONMENT

Fabrikam.com contains application servers that run either Windows Server 2003, Windows Server 2008 Service Pack 2 (SP2), or Windows Server 2008 R2. All of the application servers run services that use domain user accounts.

Each branch office contains the following servers:

- A domain controller for fabrikam.com that runs a 32-bit version of Windows Server 2008 SP2
- A member server that runs Windows Server 2008 R2 and has the Hyper-V server role installed

## Business Goals

All proposed solutions must minimize hardware and software costs.

### QUESTION 5

Testlet 12: Fabrikam Inc.

Question 4 of 6

You need to plan a solution for the service accounts that meets the company's security requirements.

What should you include in the plan?

- A. Modify the password expiration settings in GPO2.
- B. Implement managed service accounts, and then configure all the application servers to use the managed service accounts.
- C. Create a new domain for all of the service accounts, and then move the service accounts and the application servers to the new domain.
- D. Create a new Password Settings object (PSO) in fabrikam.com, and then apply the PSO to a group containing all of the service account user objects.

**Correct Answer:** D

**Section:** Exam R

**Explanation**

**Explanation/Reference:**

## Security Requirements

Fabrikam must meet the following security requirements:

- Ensure that the passwords for all service accounts expire every 60 days.
- Maintain the current policy for changing the passwords of all other user accounts.

## Existing Active Directory Environment

The network contains a single Active Directory forest. The forest contains two domains named fabrikam.com and research.fabrikam.com.

An Active Directory site exists for each office.

The main office has three domain controllers for fabrikam.com that run Windows Server 2008 R2.

The relevant organizational units (OUs) and Group Policy objects (GPOs) for fabrikam.com are configured as shown in the following table.

OU name	OU contents	Linked GPO
OU1	All of the user accounts	GPO1
OU2	All of the user accounts that are used as service accounts	GPO2
OU3	All of the computer accounts for the application servers	GPO3

The Default Domain Policy GPO for fabrikam.com requires that the password for each user account be changed every 60 days.

### QUESTION 6

Testlet 12: Fabrikam Inc.

#### Question 5 of 6

You need to recommend an operating system for the planned Hyper-V servers in the main office. The operating system must support the company's planned changes and business requirements.

Which operating system should you recommend?

- A. A full installation of Windows Server 2008 R2 Enterprise
- B. A Server Core installation of Windows Server 2008 R2 Enterprise
- C. Microsoft Hyper-V Server 2008 R2
- D. Windows Server 2008 R2 Datacenter

**Correct Answer:** D

**Section:** Exam R

**Explanation**

**Explanation/Reference:**



## PLANNED CHANGES

Fabrikam plans to implement the following changes in the fabrikam.com domain:

- In the main office, implement two Hyper-V servers.
- Migrate all of the user accounts from research.fabrikam.com to fabrikam.com.
- On the Hyper-V servers in the main office, deploy 20 virtual machines (VMs) that run Windows Server 2008 R2.
- In the perimeter network, implement a server that has the Routing and Remote Access service (RRAS) installed.

## EXISTING ENVIRONMENT

Fabrikam.com contains application servers that run either Windows Server 2003, Windows Server 2008 Service Pack 2 (SP2), or Windows Server 2008 R2. All of the application servers run services that use domain user accounts.

Each branch office contains the following servers:

- A domain controller for fabrikam.com that runs a 32-bit version of Windows Server 2008 SP2
- A member server that runs Windows Server 2008 R2 and has the Hyper-V server role installed

## Business Goals

All proposed solutions must minimize hardware and software costs.

### QUESTION 7

Testlet 12: Fabrikam Inc.

#### Question 6 of 6

You need to recommend a solution for consolidating توطين the Active Directory domains. The solution must meet the company's technical requirements.

What should you include in the recommendation?

- A. Active Directory Federation Services (AD FS)
- B. Active Directory Migration Tool (ADMT)
- C. Active Directory Users and Computers
- D. LDIF Directory Export (LDIFFE)

**Correct Answer:** B

**Section:** Exam R

**Explanation**

**Explanation/Reference:**

## Technical Requirements

Fabrikam must meet the following technical requirements:

- Minimize administrative effort.
- Support the use of Hyper-V live migration.
- Minimize the number of ports opened on all of the firewalls.
- Ensure that the VMs are available if a single host server fails.
- Minimize and control the amount of Active Directory replication traffic between the offices.
- Ensure that the users in the branch offices always authenticate to a local server when they log on.
- Ensure that the users are migrated to fabrikam.com can access the servers in research.fabrikam.com with their current permissions.

## Exam S

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Humongous Insurance**

The following testlet will present a Case Study followed by [ 6 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **COMPANY OVERVIEW**

Humongous Insurance has a main office and 20 branch offices. The main office is located in New York. The branch offices are located throughout North America. The main office has 8,000 users. Each branch office has 2 to 250 users.

#### **PLANNED CHANGES**

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Humongous Insurance plans to implement the following changes:

- \_ Deploy one Read-only Domain Controller (RODC) to Site3 and one RODC to Site4.
- \_ Issue certificates to the users in Contoso. The certificates will be based on custom certificate templates.
- \_ Deploy a Remote Desktop Services (RDS) infrastructure that will contain 10 Remote Desktop servers. Users will connect to all Remote Desktop servers from the Internet by using port 443.

## EXISTING ENVIROMENT

The network contains the servers configured as shown in the following table.

Server name	Server role	Server configuration
Server 1	Microsoft Exchange Server 2010	Unified Messaging (UM) Server Role
Server 2	Microsoft SQL Server 2008	IA64 processor
Server 3	Microsoft SQL Server 2008	x86 processor
Server 4	Active Directory Certificate Services (ADCS)	x64 processor Offline standalone root Certification authority (CA)
Server 5	Active Directory Certificate Services (ADCS)	x64 processor Online enterprise subordinate Certification authority (CA)

### Business Goals

All of the strategies for deploying physical servers and virtual servers must meet the Microsoft guidelines for product support.

### Existing Active Directory Environment

The network contains a single Active Directory forest named humongousinsurance.com. The functional level of the forest is Windows Server 2008 R2.

The Active Directory sites are shown in the exhibit. (Click the **Case Study Exhibit** button.)

### Existing Network Infrastructure

Humongous Insurance issues smart cards to administrators. Smart cards are not required for logon.

Humongous Insurance acquires a company named Contoso, Ltd.



## **Technical Requirements**

All of the users in Contoso must be able to enroll for certificates by using the Public Key Infrastructure (PKI) of Humongous Insurance.

Humongous Insurance must meet the following requirements for managing Group Policy objects (GPOs):

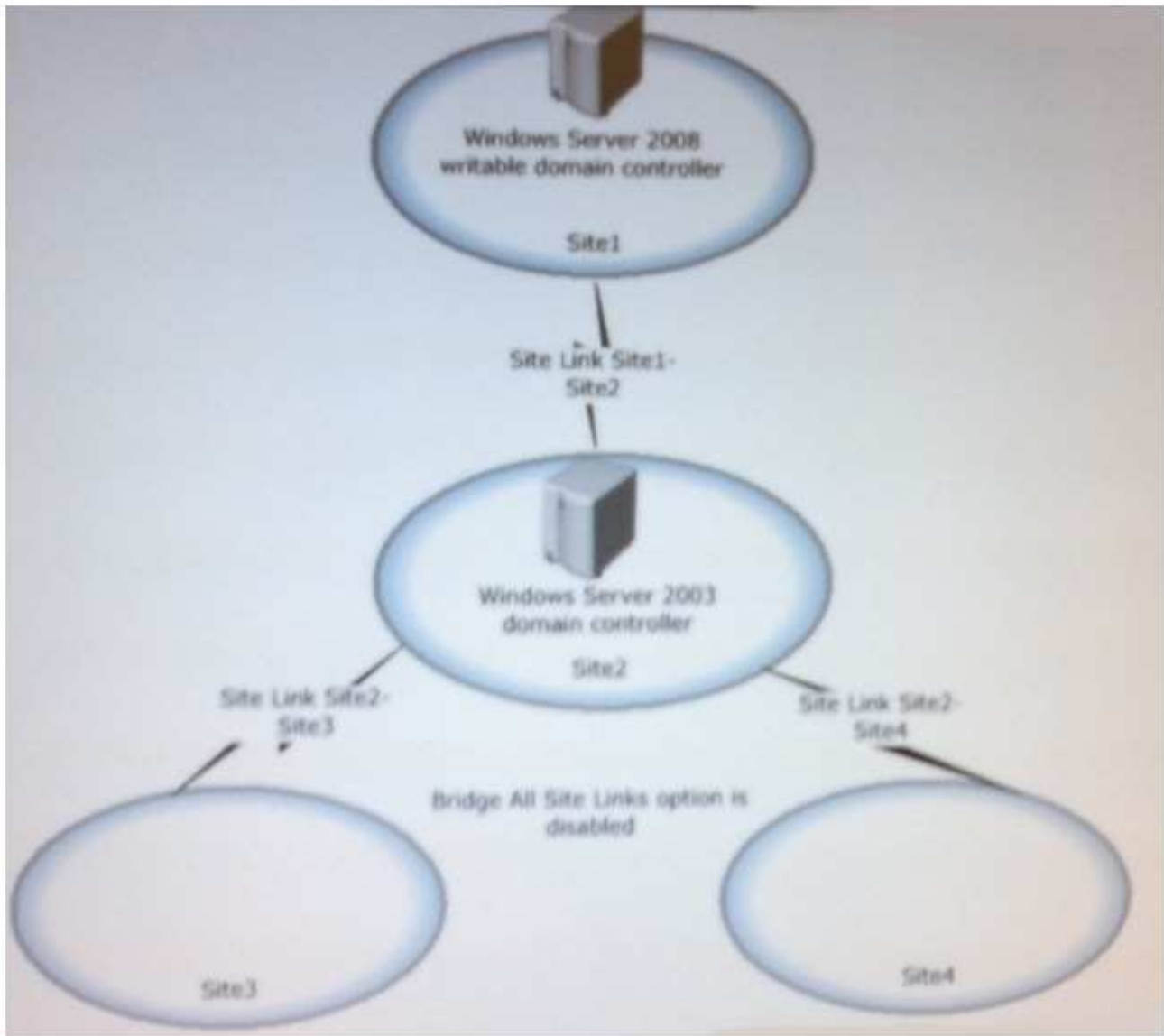
- \_ Minimize administrative effort.
- \_ Support offline editing of the GPOs.
- \_ Retain multiple versions of the GPOs.

## **Security Requirements**

Only administrators who log on by using smart cards must be able to manage objects in Active Directory.

The corporate security policy states that a forest trust to any other forest must not exist.

## **EXHIBTS**



- A. Mark this!
- B.
- C.
- D.

**Correct Answer:** A  
**Section:** Exam S  
**Explanation**

**Explanation/Reference:**

#### QUESTION 2

Testlet 13 Humongous Insurance

Question 1 of 6

You need to ensure that you can deploy the RODCs.

What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Add an RODC to Site2.
- B. Create a site link bridge that contains Site1, Site2, Site3 and Site4.
- C. Create a site link between Site1 and Site3. Create a site link between Site1 and Site4.
- D. Create a site link between Site3 and Site4. Create a site link bridge that contains Site2, Site3 and Site4.

**Correct Answer:** BC

**Section:** Exam S

**Explanation**

**Explanation/Reference:**

### **PLANNED CHANGES**

---

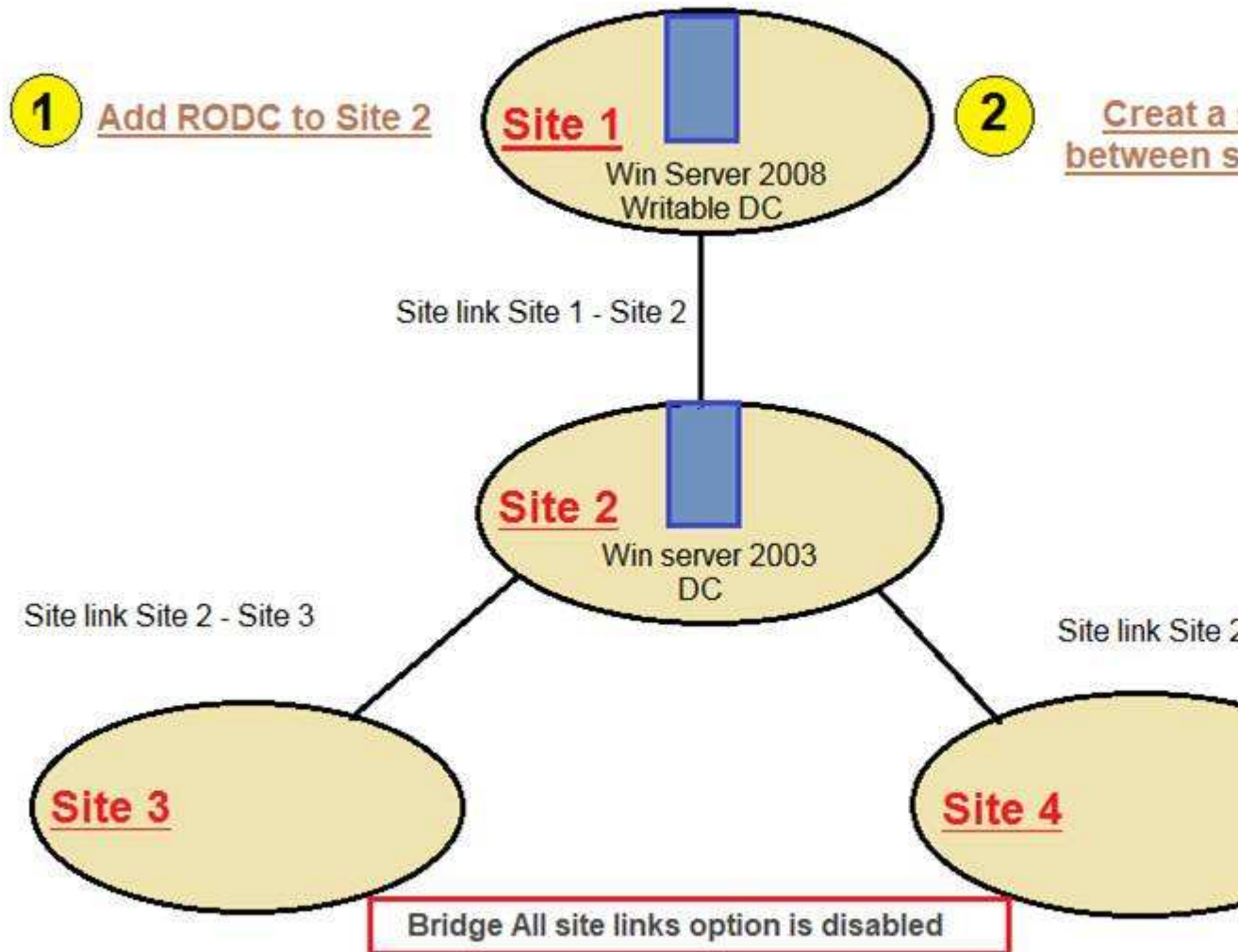
Humongous Insurance plans to implement the following changes:

**\_ Deploy one Read-only Domain Controller (RODC) to Site3 and one RODC to Site4.**

\_ Issue certificates to the users in Contoso. The certificates will be based on custom certificate templates.

\_ Deploy a Remote Desktop Services (RDS) infrastructure that will contain 10 Remote Desktop servers. Users will connect to all Remote Desktop servers from the Internet by using port 443.





**QUESTION 3**

**Testlet 13 Humongous Insurance**

**Question 2 of 6**

You are evaluating whether to implement a virtualization solution.

You need to identify which physical servers can be converted to VMs by using a physical-to-virtual machine (P2V) conversion.

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

- A. Server1
- B. Server2
- C. Server3
- D. Server5

**Correct Answer:** CD

**Section:** Exam S

**Explanation**

**Explanation/Reference:**

Server name	Server role	Server configuration
Server 1	Microsoft Exchange Server 2010	Unified Messaging (UM) Server Role
Server 2	Microsoft SQL Server 2008	IA64 processor
Server 3	Microsoft SQL Server 2008	x86 processor
Server 4	Active Directory Certificate Services (ADCS)	x64 processor Offline standalone root Certification authority (CA)
Server 5	Active Directory Certificate Services (ADCS)	x64 processor Online enterprise subordinate Certification authority (CA)

### Supported Operating Systems for P2V Conversions in VMM 2008 and VMM 2008 R2

Operating System	VMM 2008	VMM 2008 R2
Windows XP Professional with Service Pack 3 (SP3)	Yes	Yes
Windows XP 64-Bit Edition SP3	Yes	Yes
Windows Server 2003 Standard Edition (32-bit x86)	Yes (Requires SP1 or later.)	Yes (Requires SP2 or later.)
Windows Server 2003 Enterprise Edition (32-bit x86)	Yes (Requires SP1 or later.)	Yes (Requires SP2 or later.)
Windows Server 2003 Datacenter Edition (32-bit x86)	Yes (Requires SP1 or later.)	Yes (Requires SP2 or later.)
Windows Server 2003 x64 Standard Edition	Yes (Requires SP1 or later.)	Yes (Requires SP2 or later.)
Windows Server 2003 Enterprise x64 Edition	Yes (Requires SP1 or later.)	Yes (Requires SP2 or later.)
Windows Server 2003 Datacenter x64 Edition	Yes (Requires SP1 or later.)	Yes (Requires SP2 or later.)
Windows Server 2003 Web Edition	Yes	Yes
Windows Small Business Server 2003	Yes	Yes
Windows Vista with Service Pack 1 (SP1)	Yes	Yes
64-bit edition of Windows Vista with Service Pack 1 (SP1)	Yes	Yes
Windows Server 2008 Standard 32-Bit	Yes	Yes
Windows Server 2008 Enterprise 32-Bit	Yes	Yes
Windows Server 2008 Datacenter 32-Bit	Yes	Yes
64-bit edition of Windows Server 2008 Standard	Yes	Yes
64-bit edition of Windows Server 2008 Enterprise	Yes	Yes
64-bit edition of Windows Server 2008 Datacenter	Yes	Yes
Windows Web Server 2008	Yes	Yes
Windows 7	No	Yes
64-bit edition of Windows 7	No	Yes
64-bit edition of Windows Server 2008 R2 Standard	No	Yes
64-bit edition of Windows Server 2008 R2 Enterprise	No	Yes
64-bit edition of Windows Server 2008 R2 Datacenter	No	Yes
Windows Web Server 2008 R2	No	Yes

#### QUESTION 4

##### Testlet 13 Humongous Insurance

##### Question 3 of 6

You need to recommend an RDS solution that supports the company's planned changes.

Which role service should you include in the recommendation?

- A. Remote Desktop Connection Broker (RD Connection Broker)
- B. Remote Desktop Gateway (RD Gateway)
- C. Remote Desktop Virtualization Host (RD Virtualization Host)
- D. Remote Desktop Web Access (RD Web Access)

**Correct Answer:** B

**Section:** Exam S

**Explanation**

**Explanation/Reference:**

#### **PLANNED CHANGES**

Humongous Insurance plans to implement the following changes:

- \_ Deploy one Read-only Domain Controller (RODC) to Site3 and one RODC to Site4.
- \_ Issue certificates to the users in Contoso. The certificates will be based on custom certificate templates.

\_ Deploy a Remote Desktop Services (RDS) infrastructure that will contain 10 Remote Desktop servers. Users will connect to all Remote Desktop servers from the Internet by using port 443.

#### QUESTION 5

##### Testlet 13 Humongous Insurance

##### Question 4 of 6

You need to recommend a solution for managing Group Policy that meets the company's technical requirements.

What should you include in the recommendation?

- A. Group Policy Modelling
- B. Microsoft Advanced Group Policy Management (AGPM)
- C. Microsoft Baseline Security Analyzer (MBSA)
- D. Resultant Set of Policy (RSOP)

**Correct Answer:** B

**Section:** Exam S

**Explanation**

**Explanation/Reference:**

## Technical Requirements

All of the users in Contoso must be able to enroll for certificates by using the Public Key Infrastructure (PKI) of Humongous Insurance.

Humongous Insurance must meet the following requirements for managing Group Policy objects (GPOs):

- \_ Minimize administrative effort.
- \_ Support offline editing of the GPOs.
- \_ Retain multiple versions of the GPOs.

### QUESTION 6

Testlet 13 Humongous Insurance

Question 5 of 6

You need to recommend AD DS solution that supports the company's planned changes.

- A. Active Directory Federation Services (AD FS)
- B. Authentication Mechanism Assurance
- C. Selective Authentication
- D. SID filtering

**Correct Answer:** B

**Section:** Exam S

**Explanation**

**Explanation/Reference:**

#### PLANNED CHANGES

Humongous Insurance plans to implement the following changes:

Deploy one Read-only Domain Controller (RODC) to Site3 and one RODC to Site4.

\_ Issue certificates to the users in Contoso. The certificates will be based on custom certificate templates.

\_ Deploy a Remote Desktop Services (RDS) infrastructure that will contain 10 Remote Desktop servers. Users will connect to all Remote Desktop servers from the Internet by using port 443.

### QUESTION 7

Testlet 13 Humongous Insurance

Question 6 of 6

You need to ensure that all of the client computers can use certificates issued by Server5 if Server5 fails.

What should you do?

- A. Install an enterprise subordinate CA.
- B. Modify the TTL value of the DNS records.
- C. Publish all of the user certificates to Active Directory.
- D. Modify the certificate revocation list (CRL) overlap period.

**Correct Answer:** D

**Section:** Exam S

**Explanation**

**Explanation/Reference:**

## Exam T

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Trey Research**

The following testlet will present a Case Study followed by [ 4 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **Company overview**

Trey Research is a data warehousing company that has three data centers named Datacenter1, Datacenter2, and Datacenter3. The data centers are located in different cities.

Trey recently acquired another company named A. Datum Corporation.

#### **Planned Changes**

Several applications are installed on the internal network servers. Trey Research plans to make the applications accessible to the users who work from home.

Trey Research plans to migrate all of the user accounts in the adatum.com and east.adatum.com domains to treyresearch.com.

Trey Research plans to deploy smart cards to all of the users on the network.

Trey Research plans to deploy a document storage solution that meets the following requirements:

- The solution must be accessible to all client computers by using a Web browser.
- The solution must be able to notify administrators when sensitive documents are modified.

Trey Research plans to deploy a Failover Clustering solution to host a Web application named WebAppl, WebAppl must meet the following requirements:

- Remain available if a single server fails.
- Remain available if a single data center fails.

#### **Existing Environment** **Business Goals**

Changes to the environment must require minimal hardware and software costs.

#### **Existing Active Directory Environment**

The network contains two Active Directory forests named treyresearch.com and adatum.com. A two-way forest trust exists between the forests.

Adatum.com contains two domains named adatum.com and east.adatum.com.  
Treyresearch.com contains a single domain.

The network contains an internal enterprise root certification authority (CA).



## Existing Network Infrastructure

The network contains client computers that run either Windows 7 or a UNIX-based operating system. Some users work from home on client computers that are members of a workgroup.

### Requirements

#### Technical Requirements

Trey Research must meet the following technical requirements:

- Users who work from home must be able to use local print devices.
- The amount of disk space used on the users' home computers must be minimized.
- Users who work from home must have the same desktop experience as users who are connected to the internal network.
- Users must be able to access the shares in the adatum.com domain after their user accounts are migrated to treyresearch.com.

#### Security Requirements

Trey Research must meet the following security requirements:

If a user forgets his or her password, he or she must be able to reset the password on his or her own. If a user forgets his or her smart card PIN, he or she must be able to reset the PIN on his or her own.

- A. Mark this!
- B.
- C.
- D.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

### Testlet 14 Trey Research

#### Question 1 of 5

You need to recommend a document storage solution that supports the company's planned changes.

What should you include in the recommendation?

- A. Microsoft Forefront Unified Access Gateway (UAG) 2010
- B. File Server Resource Manager (FSRM)
- C. Distributed File System (DFS)
- D. Microsoft SharePoint Foundation 2010

**Correct Answer:** D

**Section:** Exam T

**Explanation**

**Explanation/Reference:**

**QUESTION 3**  
**Testlet 14 Trey Research**  
**Question 2 of 5**

You need to recommend a technology that meets the company's security requirements.

What should you recommend?

- A. Microsoft Forefront Endpoint Protection 2010
- B. Active Directory Federation Services (AD FS)
- C. Active Directory Management Gateway Service
- D. Microsoft Forefront Identity Manager (FIM) 2010

**Correct Answer:** D  
**Section:** Exam T  
**Explanation**

**Explanation/Reference:**

**QUESTION 4**  
**Testlet 14 Trey Research**  
**Question 3 of 5**

You need to ensure that the migration of the user accounts from adatum.com and east.adatum.com to treyresearch.com meets the company's technical requirements.

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

- A. Enable name suffix routing.
- B. Disable SID filtering for the forest trust.
- C. Create an external trust between the two forests.
- D. Enable SID filtering for the forest trust.
- E. Disable name suffix routing.
- F. Enable SID History for each migrated user account.
- G. Disable SID History for each migrated user account.

**Correct Answer:** BF  
**Section:** Exam T  
**Explanation**

**Explanation/Reference:**

**QUESTION 5**  
**Testlet 14 Trey Research**  
**Question 4 of 5**

You need to recommend an access solution for the users who work at home that meets the company's technical requirements.

What should you include in the recommendation?

- A. Microsoft Enterprise Desktop Visualization (MED-V)
- B. Microsoft Application Virtualization (App-V)
- C. DirectAccess
- D. Remote Desktop Services (RDS)

**Correct Answer:** D

**Section:** Exam T

**Explanation**

**Explanation/Reference:**

## QUESTION 6

**Testlet 14 Trey Research**

**Question 5 of 5**

You need to recommend a Failover Clustering solution that supports the company's planned changes.

What should you include in the recommendation?

- A. Install a failover cluster node in Datacenter1 and Datacenter2. Configure a quorum that is set to Node Majority.
- B. Install a failover cluster node in Datacenter1, Datacenter2, and Datacenter3. Configure a quorum that is set to Node Majority.
- C. Install a failover cluster node in Datacenter1 and Datacenter2. Configure a quorum that is set to Node and File Share Majority. Store the file share witness on an existing server in Datacenter1.
- D. Install a failover cluster node in Datacenter1 and Datacenter2. Configure a quorum that is set to Node and File Share Majority, Store the file share witness on an existing server in Datacenter3.

**Correct Answer:** D

**Section:** Exam T

**Explanation**

**Explanation/Reference:**

## Exam U

### QUESTION 1 TESTLET OVERVIEW

#### **Title: Wingtip Toys Case B**

The following testlet will present a Case Study followed by [ 10 ] multiple choice questions,

You will have [ 25 ] minutes to complete the testlet.

For help on how to answer the questions, click the Instructions button on the question screen.

#### **General Background**

You are the Enterprise Administrator for Wingtip Toys. The company has a main office and two branch offices, as described in the following table.

Office location	Number of users	WAN bandwidth	Client computer operating system
Los Angeles	10,000	1 Gbps	Windows 7
Munich	1,000	10 Mbps	Windows 7
Jakarta	2,500	3 Mbps	Windows XP SP3

Wingtip Toys is planning the acquisition of Tailspin Toys. The acquisition will add 100 users to the Los Angeles office, 10 users to the Munich office, and 6,000 users to the Jakarta office. As part of the acquisition, seven new buildings will be added to the existing Jakarta office complex.

#### **Technical Background**

Wingtip Toys has an Active Directory Domain Services (AD DS) domain with a NETBIOS name of CORP and a DNS name of wingtiptoys.com. Each office is represented by an Active Directory site. AD operational tasks such as schema changes, domain additions, and computer and user object creation are performed in the Los Angeles office.

DHCP servers are centrally located in the Los Angeles office. All DHCP servers run Windows Server 2008 R2 in a failover cluster configuration.

The company uses Windows Server Update Services (WSUS) to distribute updates.

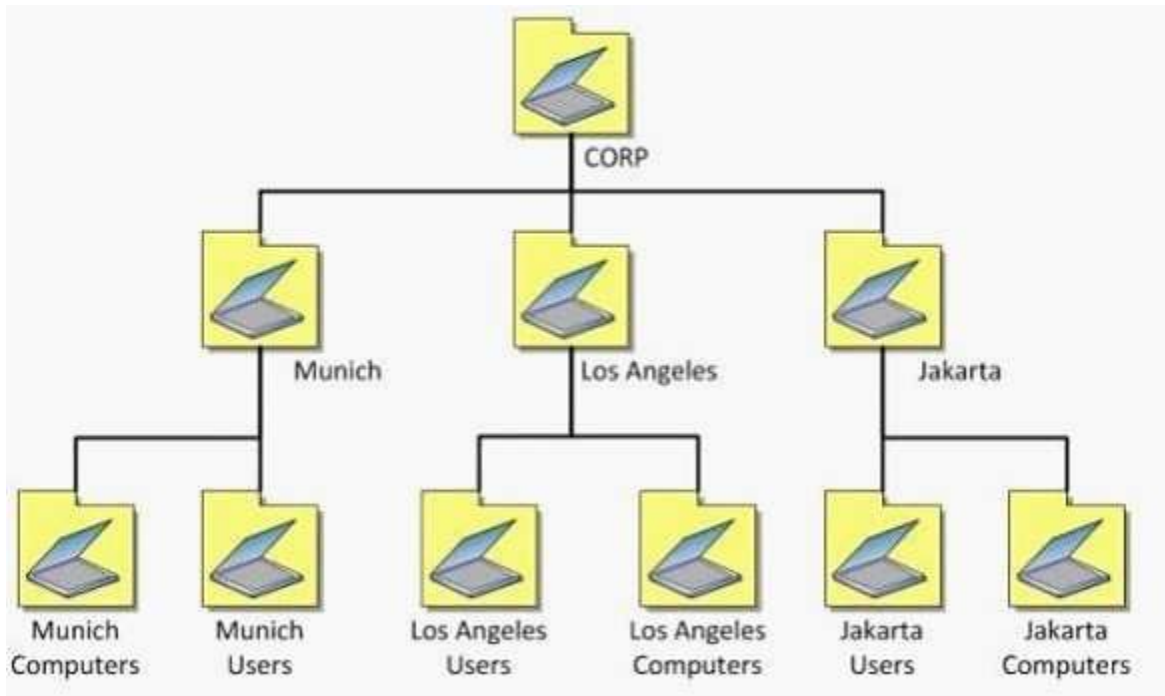
A Remote Desktop Services (RDS) farm located in Los Angeles includes a load-balanced host named RD.wingtiptoys.com.

The company's servers include those shown in the following table.

Location	Server	Services	FSMO roles
Los Angeles	LA02	WSUS server	
Los Angeles	LA03 LA04 LA05	BranchCache servers	
Los Angeles	LADC01	Domain controller, global catalog server	Schema Master Infrastructure Master
Los Angeles	LADC02	Domain controller	Domain Naming Master PDC Emulator RID Master
Los Angeles	RD01 RD02 RD03	Remote Desktop Session Host servers	
Los Angeles	RD04	Remote Desktop Gateway server	
Los Angeles	RD05	Remote Desktop Web Access server	
Munich	MN02	WSUS server	
Munich	MN03 MN04	BranchCache servers	
Munich	MNDC01	Domain controller, global catalog server	
Munich	MNDC02	Domain controller	
Jakarta	JKT02	WSUS server	
Jakarta	JK03 JK04 JK05 JK06	BranchCache servers	
Jakarta	JKDC01	Domain controller, global catalog server	
Jakarta	JKDC02	Domain controller, global catalog server	

An application named App1 is installed on RD01, RD02, and RD03.

Organizational units (OUs) are created as shown in the following diagram.



The company has reserved the 172.16.0.0/16 network IP range to support a future wireless network in Jakarta.

A public web server named WEB1 is located on a dedicated subnet in the Los Angeles office. The dedicated subnet is enabled for Network Address Translation (NAT) with IP address port forwarding to WEB1. No servers on the dedicated NAT subnet are members of any domain.

Each site deploys wired network segments with class C subnets as necessary.

## Business requirements

You have the following business requirements:

Provide the highest possible level of security for all new computing services. All external connections must be encrypted.

Utilize a single network administration topology.

Centralize Active Directory administration in the Los Angeles office.

Wingtip Toys is planning to set up several retail locations around Jakarta. The retail locations do not have physically secure areas for servers and networking equipment. You must minimize logon time for retail location employees and minimize the security impact in the event of a server theft at the retail location.

## Technical Requirements

To support the acquisition, you plan to deploy the following items:

- A new AD DS environment.
- A dual-stack implementation of IPv6 networking in the Munich office.
- A new perimeter network dedicated for public web servers.

The computing environment must meet the following requirements:



- Each office must have at least one domain controller per physical location.
- There must be one global catalog server for every 1000 users.
- Computer policies for the perimeter network must be enforced without exposing internal user account credentials.
- The perimeter networks must not allow connections to computers or accounts on the CORP network.
- All software updates must be distributed from Los Angeles.
- All client computers must acquire IP addresses from DHCP.
- Users in the Munich office must have full Internet access.
- All users must have remote web access to App1.
- Force all new users to change their password on first login.

A. Mark this!

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

### Testlet 15 Wingtip Toys Case B

#### Question 1 of 10

You need to add a server to the existing Remote Desktop Session Host server farm.

What should you do?

- A. Install the new server with a NETBIOS name of RD. Create an A record in DNS with a name of RD.wingtip toys.com. Add the server name in the RD Connection Broker console.
- B. Install the new server with a NETBIOS name of RD4. Create an A record in DNS with a name of RD4.wingtip toys.com and the same IP address as RD.wingtip toys.com.
- C. Install the new server with a NETBIOS name of RD4. Create an A record in DNS with a name of RD.wingtip toys.com and the same IP address as RD.wingtip toys.com.
- D. Install the new server with a NETBIOS name of RD. Create an SRV record in DNS with a name of RD.wingtip toys.com and the same IP address as RD.wingtip toys.com.

**Correct Answer:** A

**Section:** Exam U

**Explanation**

**Explanation/Reference:**

## QUESTION 3

### Testlet 15 Wingtip Toys Case B

#### Question 2 of 10

You need to design the deployment for the retail locations.

What should you do? (Choose all that apply.)

- A. Place a DNS and WINS server in the Jakarta office.
- B. Place a DNS and WINS server in each retail location.
- C. Place a read-only domain controller (RODC) in the Jakarta office.
- D. Place a global catalog server in each retail location.
- E. Place a read-only domain controller (RODC) in each retail location.

- F. Create a password replication policy for each retail location.
- G. Create a new AD DS site and place read-only domain controller (RODC) in the new site.

**Correct Answer:** EF

**Section:** Exam U

**Explanation**

**Explanation/Reference:**

#### QUESTION 4

**Testlet 15 Wingtip Toys Case B**

**Question 3 of 10**

You create the new wireless network for the Jakarta office.

The network link between the Los Angeles and Jakarta offices becomes congested after users start connecting to the new wireless network.

You need to resolve the problem.

What should you do?

- A. Add a DNS and global catalog server to the Jakarta office.
- B. Create a static route for the IP subnet of 172.16.0.0/8 to the Jakarta router.
- C. Add a new IP subnet of 172.16.0.0/16 to the Los Angeles AD site.
- D. Add a new IP subnet of 172.16.0.0/16 to the Jakarta AD site.

**Correct Answer:** D

**Section:** Exam U

**Explanation**

**Explanation/Reference:**

#### QUESTION 5

**Testlet 15 Wingtip Toys Case B**

**Question 4 of 10**

You are planning to deploy the new network in Munich.

Which subnet mask should you use?

- A. 2001:DB8:0:C000: /64
- B. 2001:DB8:0: C000: /48
- C. 2001:DB8:0:C000: /24
- D. 2001:DB8:0: C000:: /16
- E. 2001:DB8:0: C000:: /8
- F. 200.1.8.0/128

**Correct Answer:** A

**Section:** Exam U

**Explanation**

**Explanation/Reference:**

**QUESTION 6**  
**Testlet 15 Wingtip Toys Case B**  
**Question 5 of 10**

You need to meet the remote application and administration requirements.

On which server or servers should you install certificates?

- A. RD01, RD02, and RD03 using the name rd.corp.wingtip toys.com in the certificate request.
- B. RD04 and RD05 using the name rd.wingtip toys.com in the certificate request.
- C. RD01, RD02, and RD03 using the name rd.wingtip toys.com in the certificate request.
- D. Only RD04 using the name rd.wingtip toys.com in the certificate request.
- E. Only RD05 using the name rd.corp.wingtip toys.com in the certificate request.

**Correct Answer: D**  
**Section: Exam U**  
**Explanation**

**Explanation/Reference:**

**QUESTION 7**  
**Testlet 15 Wingtip Toys Case B**  
**Question 6 of 10**

You need to minimize WAN bandwidth for the Jakarta office during the acquisition.

Which role or service should you move to the Jakarta site?

- A. Global Catalog
- B. Schema Master
- C. Domain Naming Master
- D. Infrastructure Master
- E. PDC emulator
- F. RID Master

**Correct Answer: E**  
**Section: Exam U**  
**Explanation**

**Explanation/Reference:**

**QUESTION 8**  
**Testlet 15 Wingtip Toys Case B**  
**Question 7 of 10**

You are planning to deploy the new network in Munich.

Which address allocation should you use for the new Munich addresses?

- A. 2001:777: 1d: 1dc::1
- B. FEC0::1

- C. FF02::1
- D. FE80::1

**Correct Answer:** A

**Section:** Exam U

**Explanation**

**Explanation/Reference:**

### QUESTION 9

**Testlet 15 Wingtip Toys Case B**

**Question 8 of 10**

You need to prepare the new perimeter network and move the appropriate resources with the minimum amount of downtime.

Which actions should you perform? (Choose all that apply.)

- A. Join WEB1 to the PERIMETER domain.
- B. Join WEB1 to the CORP domain.
- C. Create a new network segment with private addresses that have routes to the internal network. Create an AD DS site defined for the public NAT network address space.
- D. Install the Active Directory Domain Services (AD DS) server role on DC1 and name the domain PERIMETER.
- E. Deploy a new server that runs Windows Server 2008 R2 on the perimeter network, and name the server DC1.
- F. Create a network segment with a private address space and provide NAT services to public IP addresses. Create an AD DS site defined for the perimeter network address space.

**Correct Answer:** ADEF

**Section:** Exam U

**Explanation**

**Explanation/Reference:**

### QUESTION 10

**Testlet 15 Wingtip Toys Case B**

**Question 9 of 10**

You run a Microsoft Baseline Security Analyzer scan and find that several important security updates have not been applied to Jakarta client computers.

You need to apply the updates and comply with all requirements.

What should you do?

- A. Set JK02 to synchronize with Windows Update and automatically approve all security updates. Approve the updates on JK02.
- B. Set LA02 to synchronize with Windows Update and automatically approve all security updates. Approve the updates on JK02.
- C. Set JK02 to synchronize with LA02. Approve all required updates on JK02.
- D. Set JK02 to synchronize with LA02. Approve all required updates on LA02.

**Correct Answer:** D

**Section: Exam U**  
**Explanation**

**Explanation/Reference:**

**QUESTION 11**  
**Testlet 15 Wingtip Toys Case B**  
**Question 10 of 10**

You need to specify the location and configuration for domain controllers in the new AD DS domain.

What should you recommend?

- A. 1 domain controller and 10 global catalog servers in Los Angeles; 1 domain controller and 2 global catalog servers in Munich; 3 domain controller and 7 global catalog servers in Jakarta.
- B. 11 domain controller and 11 global catalog servers in Los Angeles; 1 domain controller and 1 global catalog servers in Munich; 3 domain controller and 3 global catalog servers in Jakarta.
- C. 11 servers with the Domain Controller and Global Catalog services in Los Angeles; 2 servers with the Domain Controller and Global Catalog services in Munich; 9 servers with the Domain Controller and Global Catalog services in Jakarta.
- D. 11 servers with the Domain Controller and Global Catalog services in Los Angeles; 1 servers with the Domain Controller and Global Catalog services in Munich; 3 servers with the Domain Controller and Global Catalog services in Jakarta.

**Correct Answer: C**  
**Section: Exam U**  
**Explanation**

**Explanation/Reference:**

## Exam V

### QUESTION 1

#### Testlet 16 Graphics Design Institute

##### Question 1 of 3

You need to recommend a remote access solution that meets the company's technical requirements.

What should you include in the recommendation?

- A. Layer 2 Tunneling Protocol (L2TP)
- B. DirectAccess
- C. Network Access Protection (NAP)
- D. Secure Socket Tunneling Protocol (SSTP)

**Correct Answer:** B

**Section:** Exam V

**Explanation**

**Explanation/Reference:**

### QUESTION 2

#### Testlet 16 Graphics Design Institute

##### Question 1 of 3

You need to recommend a visualization solution that meets the company's technical requirements.

What should you recommend?

- A. Seven Hyper-V servers and one failover cluster
- B. Six Hyper-V servers and one failover cluster
- C. Six Hyper-V servers and one server that has Microsoft System Center Virtual Machine Manager (VMM) installed
- D. Seven Hyper-V servers and one server that has Microsoft System Center Virtual Machine Manager (VMM) installed

**Correct Answer:** D

**Section:** Exam V

**Explanation**

**Explanation/Reference:**

### QUESTION 3

#### Testlet 16 Graphics Design Institute

##### Question 1 of 3

You need to recommend a solution for the public computers that meets the company's technical requirements.

What should you include in the recommendation?

- A. A software restriction policy.
- B. AppLocker.
- C. Microsoft Application Visualization (App-V)
- D. Data Execution Prevention (DEP)



**Correct Answer:** B  
**Section:** Exam V  
**Explanation**

**Explanation/Reference:**

## Exam W

### QUESTION 1

Testlet 17 Contoso, LTD.

Question 1 of 4

You need to recommend which role services must be deployed to support the planned VDI.

Which role services should you recommend?

- A.
  - Remote Desktop Connection Broker (RD Connection Broker).
  - Remote Desktop Virtualization Host (RD Virtualization Host).
  - Network Policy Server (NPS).
- B.
  - Remote Desktop Session Host (RD Session Host).
  - Remote Desktop Gateway (RD Gateway).
  - Remote Desktop Web Access (RD Web Access).
- C.
  - Remote Desktop Session Host (RD Session Host).
  - Remote Desktop Virtualization Host (RD Virtualization Host).
  - Remote Desktop Connection Broker (RD Connection Broker).
- D.
  - Remote Desktop Session Host (RD Session Host).
  - Remote Desktop Gateway (RD Gateway).
  - Network Policy Server (NPS).

**Correct Answer: C**

**Section: Exam W**

**Explanation**

**Explanation/Reference:**

### QUESTION 2

Testlet 17 Contoso, LTD.

Question 2 of 4

You need to recommend a solution for the planned VDI that meets the company's technical requirements.



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What should you include in the recommendation?

- A. Personal virtual desktops.
- B. Virtual desktop pools.
- C. Profile redirection by using Group Policy Objects (GPOs).
- D. Folder redirection by using Group Policy Objects (GPOs).

**Correct Answer: A**

**Section: Exam W**

**Explanation**

**Explanation/Reference:**

**QUESTION 3**  
**Testlet 17 Contoso, LTD.**  
**Question 3 of 4**

You need to recommend a PKI strategy that meets the company's technical requirements.

What should you include in the recommendation?

- A. One standalone root certification authority (CA) in each domain.
- B. One enterprise root certification authority (CA) in each domain.
- C. One enterprise root certification authority (CA) in the forest root domain.
- D. One standalone root certification authority (CA) in the forest root domain.

**Correct Answer: C**  
**Section: Exam W**  
**Explanation**

**Explanation/Reference:**

**QUESTION 4**  
**Testlet 17 Contoso, LTD.**  
**Question 4 of 4**

You need to recommend an application delivery method for Office 2010 that meets the company's technical requirements.

What should you include in the recommendation?

- A. Publish Office 2010 by using Microsoft System Center Configuration Manager (SCCM).
- B. Publish Office 2010 by using RemoteApp.
- C. Publish Office 2010 by using GPOs.
- D. Publish Office 2010 by using Microsoft Application Virtualization (App-V).

**Correct Answer: D**  
**Section: Exam W**  
**Explanation**

**Explanation/Reference:**

## Exam X

### QUESTION 1

#### DRAG DROP

A company has retail locations throughout the United States. You are planning the deployment of a server for each retail location. You will prepare the servers at the main data center and ship them to the retail locations. You will deploy a custom application and an Active Directory Domain Services (AD DS) role on each server.

Each server must meet the following security requirements:

- All application data must be encrypted on the local hard drive.
- All application data must be encrypted when communicating with users.
- AD DS accounts on the computer must be easily managed in case of security violations.
- Retail location employees must not be able to log on to the server locally.

You need to plan the server deployment.

Which actions should you perform in sequence?

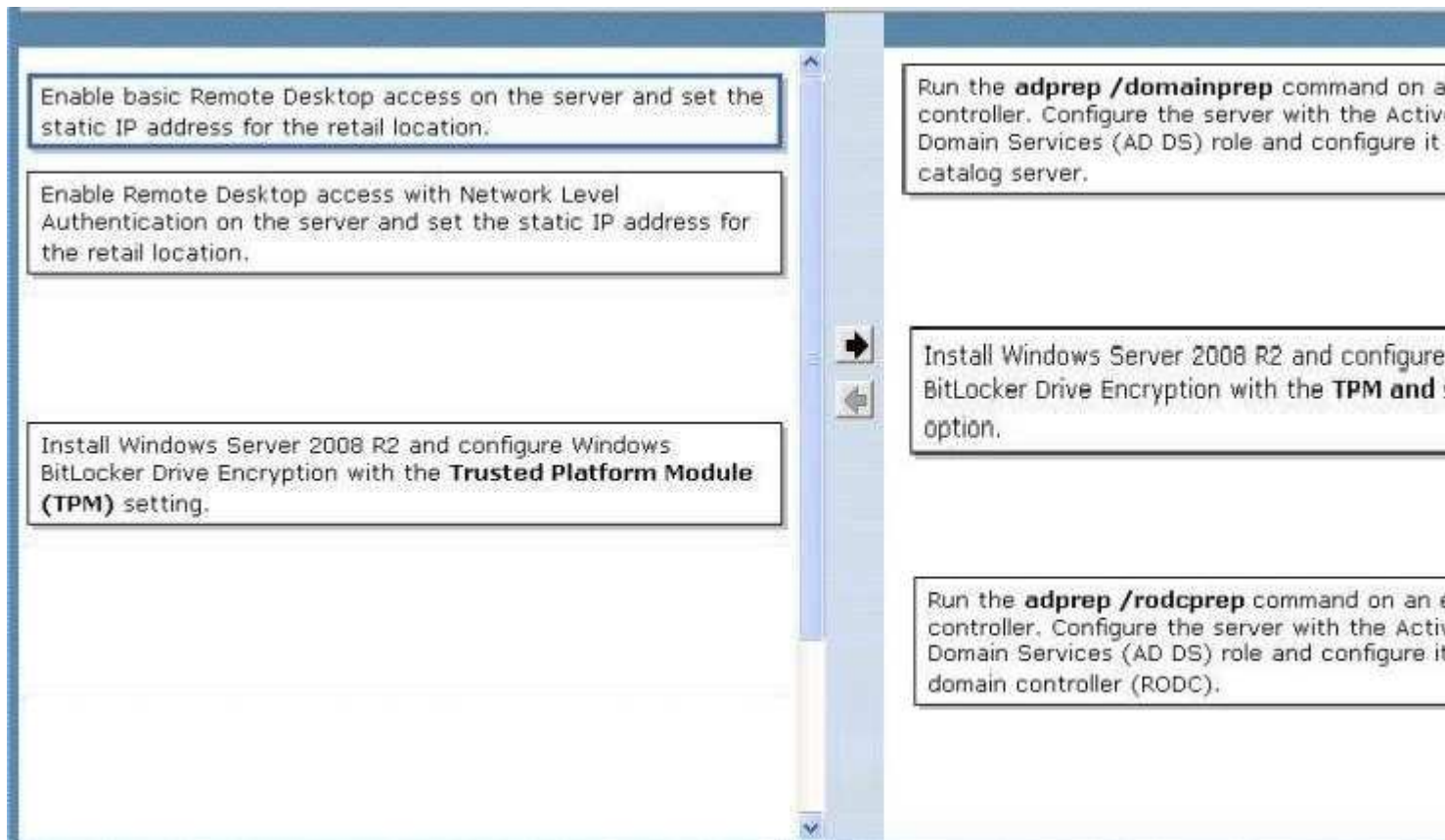
To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

#### Select and Place:

The screenshot shows a list of six actions in a drag-and-drop interface. The actions are:

- Enable basic Remote Desktop access on the server and set the static IP address for the retail location.
- Enable Remote Desktop access with Network Level Authentication on the server and set the static IP address for the retail location.
- Install Windows Server 2008 R2 and configure Windows BitLocker Drive Encryption with the **TPM and startup key** option.
- Install Windows Server 2008 R2 and configure Windows BitLocker Drive Encryption with the **Trusted Platform Module (TPM)** setting.
- Run the **adprep /rodcrep** command on an existing domain controller. Configure the server with the Active Directory Domain Services (AD DS) role and configure it as a read-only domain controller (RODC).
- Run the **adprep /domainprep** command on an existing domain controller. Configure the server with the Active Directory Domain Services (AD DS) role and configure it as a global catalog server.

Correct Answer:



**Section: Exam X**  
**Explanation**

**Explanation/Reference:**

**QUESTION 2**  
**DRAG DROP**

A company has an Active Directory Domain Services (AD DS) forest. The company has a wholly owned subsidiary with which it shares some IT resources. Each company has its own Active Directory domain within the forest. Each company has two Active Directory sites in its domain: one site for the company's main office and one site for the company's branch office.

You are designing a software update strategy for both companies. The strategy must meet the following requirements:

- Reduce network traffic.
- Allow the deployment of unique updates within each domain.
- Prevent subsidiary branch office employees from approving or denying updates.
- Allow administrators in the main company to approve or deny their own updates.

You need to specify the placement and configuration of Windows Server Update Services (WSUS) servers.

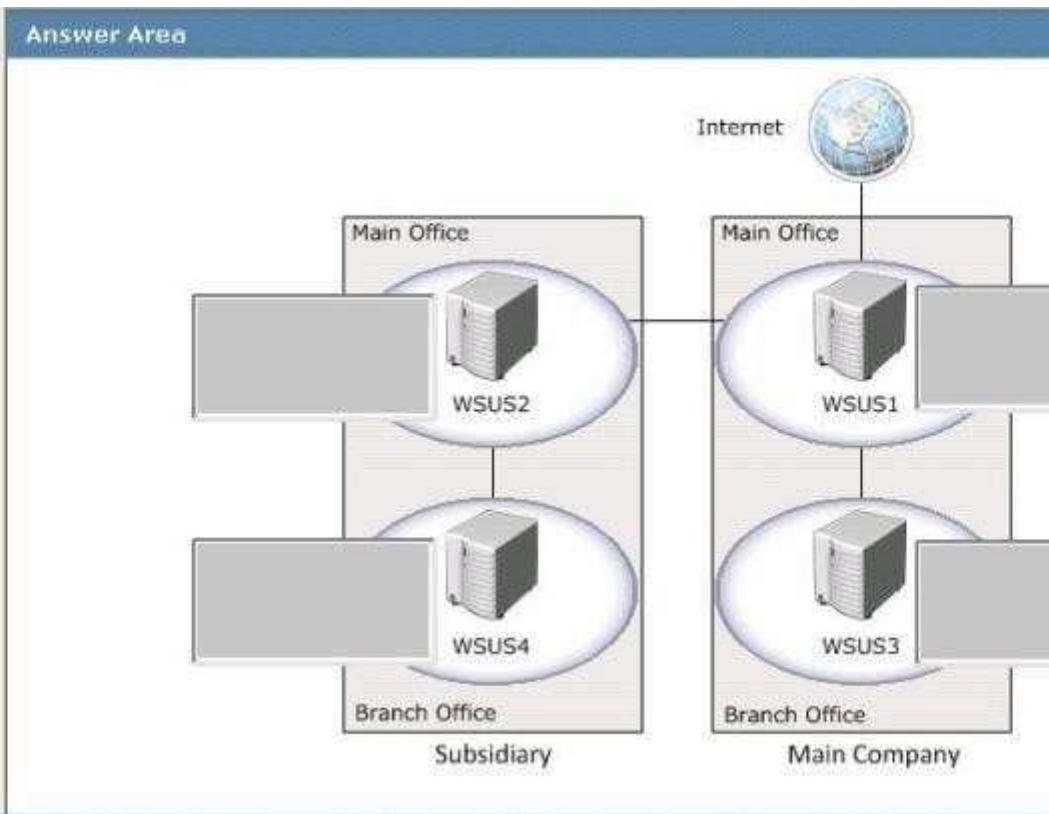
What should you do?

To answer, drag the appropriate server configuration or configurations to the correct location or locations in the answer area. (Use only server configurations that apply.) Microsoft 70-647 Exam

**Select and Place:**

**Answer Choices**

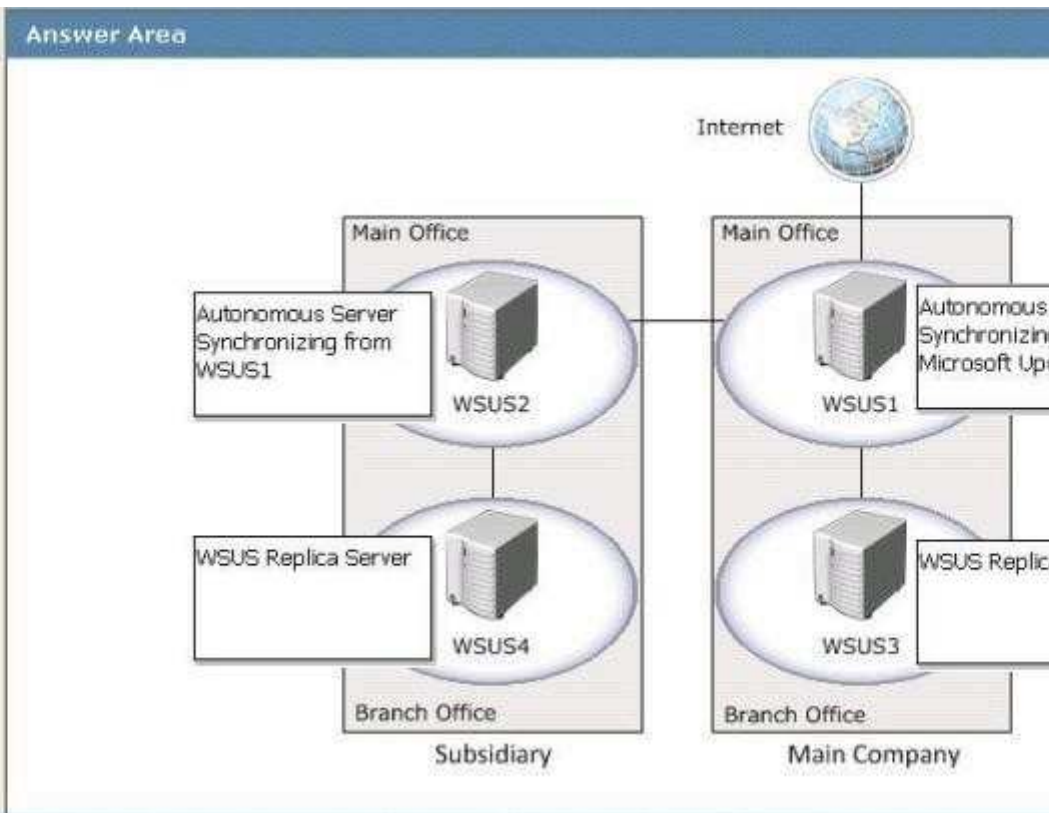
- Autonomous Server Synchronizing from Microsoft Update
- Autonomous Server Synchronizing from WSUS1
- Autonomous Server Synchronizing from WSUS2
- Autonomous Server Synchronizing from WSUS3
- WSUS Replica Server



**Correct Answer:**

**Answer Choices**

- Autonomous Server Synchronizing from Microsoft Update
- Autonomous Server Synchronizing from WSUS1
- Autonomous Server Synchronizing from WSUS2
- Autonomous Server Synchronizing from WSUS3
- WSUS Replica Server



**Section: Exam X**  
**Explanation**



**Explanation/Reference:**

**QUESTION 3**  
**DRAG DROP**

Tailspin Toys is merging with Wingtip Toys. Tailspin Toys uses the tailspintoys.com domain name. Wingtip Toys uses the wingtiptoys.com domain name. The companies' networks are connected by a point-to-point WAN connection. Each company has an existing IT infrastructure that includes the servers described in the following table.



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Server Name	Location	IP Address	Operating System	Notes
TT-DC-01	Tailspin Toys LAN	10.0.100.20	Windows Server 2008 R2	Hosts only LAN
TT-DC-02	Tailspin Toys LAN	10.0.100.21	Windows Server 2008 R2	Hosts only LAN
TT-EXTDNS-01	Tailspin Toys perimeter network	172.16.100.20	Windows Server 2008 R2 (Server Core)	Hosts only perir records
TT-EXTDNS-01	Tailspin Toys perimeter network	172.16.100.21	Windows Server 2008 R2 (Server Core)	Hosts only perir records
WT-DC-01	Wingtip Toys LAN	192.168.100.20	Windows Server 2008 R2	Hosts only LAN
WT-DC-02	Wingtip Toys LAN	192.168.100.21	Windows Server 2008 R2	Hosts only LAN
WT-EXTDNS-01	Wingtip Toys perimeter network	10.10.10.20	Windows Server 2008 R2 (Server Core)	Hosts only perir records
WT-EXTDNS-02	Wingtip Toys perimeter network	10.10.10.21	Windows Server 2008 R2 (Server Core)	Hosts only perir records

The DNS servers in the perimeter network are standalone servers. None of the DNS servers in the perimeter network can initiate communication with the DNS servers in the internal network.

The DNS servers in the internal network can communicate with the DNS servers in the perimeter network.

You are designing a name resolution strategy to meet the following requirements:

- Ensure that Tailspin Toys employees can resolve internal resources in the wingtiptoys.com domain from the Tailspin Toys LAN,
- Ensure that Wingtip Toys employees can resolve internal resources in the tailspintoys.com domain from the Wingtip Toys LAN.
- Continue to use the Wingtip Toys DNS servers to resolve all wingtiptoys.com queries.
- Reduce the administrative overhead of supporting name resolution during the merger.

You need to recommend a solution to meet the requirements.

What should you do?

To answer, drag the appropriate item or items to the correct location or locations in the answer area. (Use only items that apply.)

Microsoft 70-647 Exam

**Select and Place:**

Answer Choices		Answer Area			
10.10.10.20	10.0.100.20	TT-DC-01 TT-DC-02	TT-EXTDNS-01 TT-EXTDNS-02	WT-DC-01 WT-DC-02	WT-EXTDNS-01 WT-EXTDNS-02
172.16.100.20	192.168.100.20	Zone			
Stub zone for tailspintoys.com	Stub zone for wingtiptoys.com	IP address of master			
Secondary zone for tailspintoys.com	Secondary zone for wingtiptoys.com				

**Correct Answer:**

Answer Choices		Answer Area			
10.10.10.20		TT-DC-01 TT-DC-02	TT-EXTDNS-01 TT-EXTDNS-02	WT-DC-01 WT-DC-02	WT-EXTDNS-01 WT-EXTDNS-02
172.16.100.20		Zone	Stub zone for wingtiptoys.com		Stub zone for tailspintoys.com
		IP address of master	192.168.100.20		10.0.100.20
Secondary zone for tailspintoys.com	Secondary zone for wingtiptoys.com				

**Section: Exam X**  
**Explanation**

**Explanation/Reference:**

**QUESTION 4**  
**DRAG DROP**

A company has an Active Directory infrastructure that includes a large number of Group Policy objects (GPOs).

The infrastructure includes a staging forest and a production forest. There is no trust relationship between the staging and production forests. All servers run Windows Server 2008 R2 and share the same network infrastructure.

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You need to create a plan for deploying GPO changes from the staging forest to the production forest.

Which actions should you perform in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

**Select and Place:**

The screenshot shows the 'Select and Place' interface. On the left, there is a list of six actions in a scrollable container. On the right, there is an empty answer area. A vertical bar with right and left arrow buttons separates the two areas.

- Back up the GPO in the staging forest.
- Use Windows Backup to perform a system state backup.
- Import the settings from the GPO backup into the production forest.
- Copy the GPO backup from the staging forest to the production forest.
- Copy the GPO from the staging forest and paste it into the production forest.
- Use the migration table to map objects from the staging forest to the production forest.

**Correct Answer:**

The screenshot shows the 'Correct Answer' interface. The actions are now placed in the answer area on the right in the following order: 1. Back up the GPO in the staging forest. 2. Copy the GPO backup from the staging forest to the production forest. 3. Import the settings from the GPO backup into the production forest. The other three actions remain in the list on the left.

- Use Windows Backup to perform a system state backup.
- Copy the GPO from the staging forest and paste it into the production forest.
- Use the migration table to map objects from the staging forest to the production forest.

Answer area (from top to bottom):

- Back up the GPO in the staging forest.
- Copy the GPO backup from the staging forest to the production forest.
- Import the settings from the GPO backup into the production forest.

Section: Exam X

## Explanation

### Explanation/Reference:

#### QUESTION 5

##### DRAG DROP

A toy company has a single Active Directory forest that contains a single domain named wingtiptoys.com. All domain controllers run Windows Server 2008 R2.

The company plans to split its divisions into two separate organizations, Wingtip Toys and Tailspin Toys. Wingtip Toys users and computers will remain in the current environment.

Tailspin Toys users and computers will migrate to a new environment that includes a new Microsoft Exchange Server organization.

You need to design a plan for preparing the new environment to support the new Tailspin Toys Exchange Server organization.

Which actions should you perform in sequence?

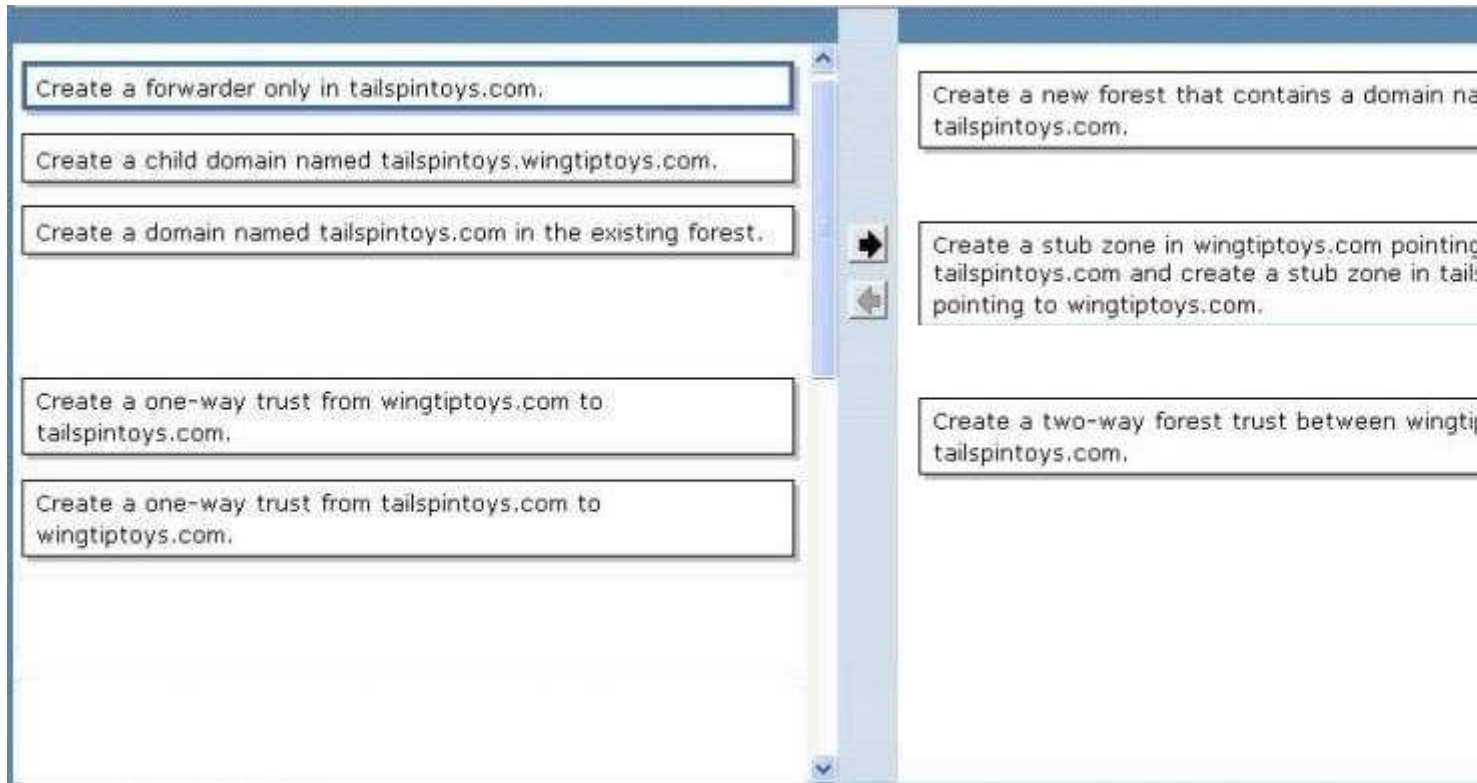
To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

#### Select and Place:

The screenshot shows a drag-and-drop interface with a list of actions on the left and a target area on the right. The actions are:

- Create a forwarder only in tailspintoys.com.
- Create a child domain named tailspintoys.wingtiptoys.com.
- Create a domain named tailspintoys.com in the existing forest.
- Create a new forest that contains a domain named tailspintoys.com.
- Create a one-way trust from wingtiptoys.com to tailspintoys.com.
- Create a one-way trust from tailspintoys.com to wingtiptoys.com.
- Create a two-way forest trust between wingtiptoys.com and tailspintoys.com.
- Create a stub zone in wingtiptoys.com pointing to tailspintoys.com and create a stub zone in tailspintoys.com pointing to wingtiptoys.com.

#### Correct Answer:



**Section: Exam X**  
**Explanation**

**Explanation/Reference:**

**QUESTION 6**  
**DRAG DROP**

A company has an Active Directory Domain Services (AD DS) forest. The forest has a root domain named contoso.com and a child domain named corp.contoso.com. All domain controllers run Windows Server 2003. The forest and domain functional levels are Windows Server 2003.

You are planning to migrate only the corp.contoso.com domain to Windows Server 2008 R2 and utilize read-only domain controllers (RODCs).

You need to develop a plan to deploy the first RODC with the minimum number of changes to the AD DS environment.

Which actions should you perform in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

**Select and Place:**



Prepare the forest for Windows Server 2008 R2.

Raise the forest functional level to Windows Server 2008 R2.

Install a server that runs Windows Server 2008 R2 as an RODC.

Install a server that runs Windows Server 2008 R2 as a domain controller.

Raise the contoso.com domain functional level to Windows Server 2008 R2.

Raise the corp.contoso.com domain functional level to Windows Server 2008 R2.

Prepare the contoso.com domain for Windows Server 2008 R2 and prepare the forest for RODCs.

Prepare the corp.contoso.com domain for Windows Server 2008 R2 and prepare the forest for RODCs.

**Correct Answer:**

Raise the forest functional level to Windows Server 2008 R2.

Raise the contoso.com domain functional level to Windows Server 2008 R2.

Raise the corp.contoso.com domain functional level to Windows Server 2008 R2.

Prepare the contoso.com domain for Windows Server 2008 R2 and prepare the forest for RODCs.

Prepare the forest for Windows Server 2008 R2.

Prepare the corp.contoso.com domain for Windows Server 2008 R2 and prepare the forest for RODCs.

Install a server that runs Windows Server 2008 R2 as a domain controller.

Install a server that runs Windows Server 2008 R2 as an RODC.

**Section: Exam X**  
**Explanation**

**Explanation/Reference:**



**QUESTION 7**  
DRAG DROP

A company has a main office and a branch office. The company has an Active Directory Domain Services (AD DS) domain. Each office is assigned to an AD DS site. All servers in the domain run Windows Server 2008 R2. All client computers run Windows 7 Enterprise.

Branch office users report delays in accessing data in the main office.

You need to ensure that users can access data in a timely manner.

Which actions should you perform in sequence?

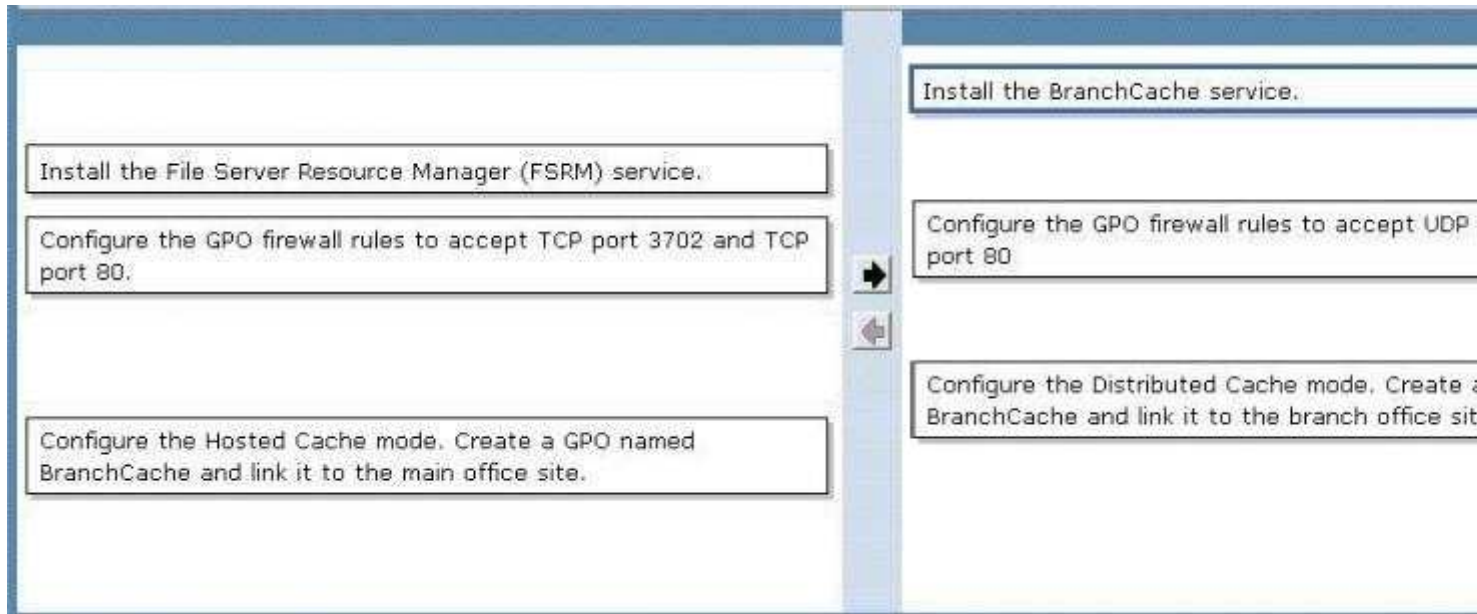
To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.) Microsoft 70-647 Exam

**Select and Place:**

The screenshot shows a 'Select and Place' interface. On the left, there is a list of six actions, each in a rectangular box. On the right, there is a large, empty rectangular area for placing the selected actions. A vertical bar between the list and the answer area contains two arrow buttons: a right-pointing arrow and a left-pointing arrow.

- Install the BranchCache service.
- Install the File Server Resource Manager (FSRM) service.
- Configure the GPO firewall rules to accept TCP port 3702 and TCP port 80.
- Configure the GPO firewall rules to accept UDP port 3702 and TCP port 80.
- Configure the Hosted Cache mode. Create a GPO named BranchCache and link it to the main office site.
- Configure the Distributed Cache mode. Create a GPO named BranchCache and link it to the branch office site.

**Correct Answer:**



**Section: Exam X**  
**Explanation**

**Explanation/Reference:**

**QUESTION 8**  
**DRAG DROP**

Your company uses Windows Server Update Services (WSUS) to deploy Microsoft software updates to computers in the Madrid and Munich offices.

You set a deadline for packages to be installed one week after they are approved. An update from Microsoft requires the user to consent to a new license agreement. You perform a successful manual installation of the update on client computers in the Munich office.

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The update fails to deploy on Madrid client computers when using WSUS.

You need to ensure that the update is deployed to all client computers.

Which actions should you perform in sequence?

To answer, move the appropriate actions from the list of actions to the answer area, and arrange them in the correct order. (Use only actions that apply.)

**Select and Place:**

Select the software update package.	
Assign the update to the All Computers group.	
Remove the deadline from the software update.	➔
Approve the update in the WSUS console.	⬅
Approve the update in the WSUS console and set the update assignment to <b>Install</b> .	
Use a Group Policy object (GPO) to deploy the update manually by using the <b>msiexec /u</b> switch before the update package.	

**Correct Answer:**

	Select the software update package.
Remove the deadline from the software update.	➔
Approve the update in the WSUS console.	⬅
	Assign the update to the All Computers group.
Use a Group Policy object (GPO) to deploy the update manually by using the <b>msiexec /u</b> switch before the update package.	Approve the update in the WSUS console and set the update assignment to <b>Install</b> .

**Section: Exam X**  
**Explanation**

**Explanation/Reference:**

**QUESTION 9**  
**DRAG DROP**

An existing network is IPv6-enabled on all network segments. You deploy a server to an IPv6-only network segment. The following IPv6 addresses are assigned to the local interface of the network router:

- ::1
- FE80::1
- FEC0::1
- 2001:777:ld:ldc::1

You need to ensure that the server has the correct static address information and access to the Internet.

Which addresses should you assign?

To answer, drag the appropriate address or addresses to the correct location or locations in the answer area.  
(Use only addresses that apply.)  
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The screenshot displays a network configuration window with two main sections: "Answer Choices" and "Answer Area".

**Answer Choices:** A list of seven IPv6 addresses in text boxes, each with a small "x" icon for removal:

- ::1
- FE80::1
- FE80::7
- FEC0::1
- FEC0::7
- 2001:777:1d:1dc::1
- 2001:777:1d:1dc::7

**Answer Area:** A "General" tab for IPv6 settings. It includes a descriptive text: "You can get IPv6 settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IPv6 settings."

Configuration options include:

- Obtain an IPv6 address automatically
- Use the following IPv6 address:
  - IPv6 address: [Empty text box]
  - Subnet prefix length: [64]
  - Default gateway: [Empty text box]
- Obtain DNS server address automatically
- Use the following DNS server addresses:
  - Preferred DNS server: [Empty text box]
  - Alternate DNS server: [Empty text box]
- Validate settings upon exit

Buttons for "Apply", "OK", and "Cancel" are visible at the bottom right.

Select and Place:

Answer Choices	Answer Area
<input type="text" value="::1"/>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>General</p> <p>You can get IPv6 settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IPv6 settings.</p> <p> <input type="radio"/> Obtain an IPv6 address automatically  <input checked="" type="radio"/> Use the following IPv6 address:         </p> <p>IPv6 address: <input type="text"/></p> <p>Subnet prefix length: <input type="text" value="64"/></p> <p>Default gateway: <input type="text"/></p> <p> <input type="radio"/> Obtain DNS server address automatically  <input checked="" type="radio"/> Use the following DNS server addresses:         </p> <p>Preferred DNS server: <input type="text"/></p> <p>Alternate DNS server: <input type="text"/></p> <p><input type="checkbox"/> Validate settings upon exit</p> <p style="text-align: right;">OK</p> </div>
<input type="text" value="FE80::1"/>	
<input type="text" value="FE80::7"/>	
<input type="text" value="FEC0::1"/>	
<input type="text" value="FEC0::7"/>	
<input type="text" value="2001:777:1d:1dc::1"/>	
<input type="text" value="2001:777:1d:1dc::7"/>	

**Correct Answer:**

Answer Choices	Answer Area
<input type="text" value="::1"/>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>General</p> <p>You can get IPv6 settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IPv6 settings.</p> <p> <input type="radio"/> Obtain an IPv6 address automatically  <input checked="" type="radio"/> Use the following IPv6 address:         </p> <p>IPv6 address: <input type="text" value="2001:777:1d:1dc::7"/></p> <p>Subnet prefix length: <input type="text" value="64"/></p> <p>Default gateway: <input type="text" value="2001:777:1d:1dc::1"/></p> <p> <input type="radio"/> Obtain DNS server address automatically  <input checked="" type="radio"/> Use the following DNS server addresses:         </p> <p>Preferred DNS server: <input type="text"/></p> <p>Alternate DNS server: <input type="text"/></p> <p><input type="checkbox"/> Validate settings upon exit</p> <p style="text-align: right;">OK</p> </div>
<input type="text" value="FE80::1"/>	
<input type="text" value="FE80::7"/>	
<input type="text" value="FEC0::1"/>	
<input type="text" value="FEC0::7"/>	

**Section: Exam X**

## Explanation

### Explanation/Reference:

#### QUESTION 10 DRAG DROP

A company has retail locations throughout the United States. You are planning the deployment of a server for each retail location. You will prepare the servers at the main data center and ship them to the retail locations. You will deploy a custom application and an Active Directory Domain Services (AD DS) role on each server.

Each server must meet the following security requirements:

- All application data must be encrypted on the local hard drive.
- All application data must be encrypted when communicating with users.
- AD DS accounts on the computer must be easily managed in case of security violations.

You need to plan the server deployment.

Which actions should you perform in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

#### Select and Place:

Install Windows Server 2008 R2 and configure Windows BitLocker Drive Encryption with the **Trusted Platform Module (TPM)** setting.

Set the static IP address for the retail location. Configure IIS to require SSL encryption, and bind IIS to the static IP address.

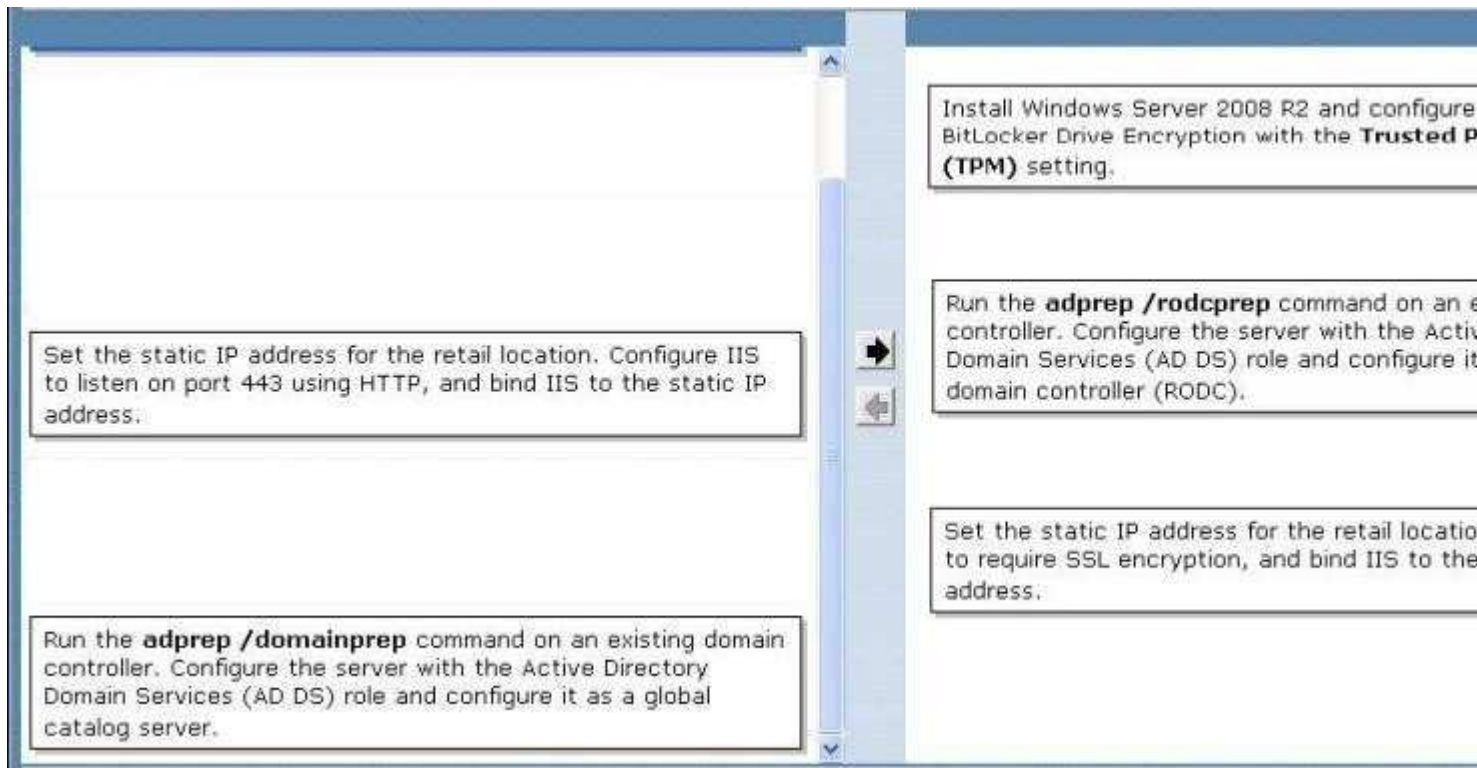
Set the static IP address for the retail location. Configure IIS to listen on port 443 using HTTP, and bind IIS to the static IP address.

Run the **adprep /rodcprep** command on an existing domain controller. Configure the server with the Active Directory Domain Services (AD DS) role and configure it as a read-only domain controller (RODC).

Run the **adprep /domainprep** command on an existing domain controller. Configure the server with the Active Directory Domain Services (AD DS) role and configure it as a global catalog server.

#### Correct Answer:





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**Explanation**

**Explanation/Reference:**

**QUESTION 11**  
**DRAG DROP**

A company deploys new Remote Desktop Services (RDS) servers that run Windows Server 2008 R2. The RDS servers are in an Active Directory Domain Services (AD DS) domain. All RDS servers are in an organizational unit (OU) named RDS Servers. A security policy template is enforced by using a Group Policy object (GPO) named RDS Servers.

When users log off of a remote desktop session, they also have the option to shut down the RDS server.

You need to ensure that the option to shut down does not appear. The solution must take effect as soon as possible and must not affect other computers.

Which actions should you perform in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

**Select and Place:**

Restart only the RDS servers.

Restart only the client computers.

Create a GPO named RDS Lockdown and link it to the domain.

Create a GPO named RDS Lockdown and link it to the RDS Servers OU.

Create a Windows Management Instrumentation (WMI) filter to include all domain servers.

Create a Windows Management Instrumentation (WMI) filter to include all domain users.

Enable the Remove And Prevent Access To the Shut Down, Restart, Sleep, And Hibernate Commands setting and enable the User Group Policy Loopback Processing Mode setting.

Disable the Change Start Menu Power Button setting and enable the User Group Policy Loopback Processing Mode setting.

**Correct Answer:**

Restart only the client computers.

Create a GPO named RDS Lockdown and link it to the domain.

Create a Windows Management Instrumentation (WMI) filter to include all domain servers.

Create a Windows Management Instrumentation (WMI) filter to include all domain users.

Disable the Change Start Menu Power Button setting and enable the User Group Policy Loopback Processing Mode setting.

Create a GPO named RDS Lockdown and link it to the RDS Servers OU.

Enable the Remove And Prevent Access To the Shut Down, Restart, Sleep, And Hibernate Commands setting and enable the User Group Policy Loopback Processing Mode setting.

Restart only the RDS servers.

**Section: Exam X**  
**Explanation**

**Explanation/Reference:**

**QUESTION 12**  
**DRAG DROP**

Litware, Inc. is merging with Contoso, Ltd. Each company has an Active Directory Domain Services (AD DS) domain. All domain controllers run Windows Server 2008 R2.

Users in the Litware Support security group must access client computers on the Contoso domain.

You need to ensure that only Support group members can log on to Contoso client computers.

Which actions should you perform in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Use only actions that apply.)

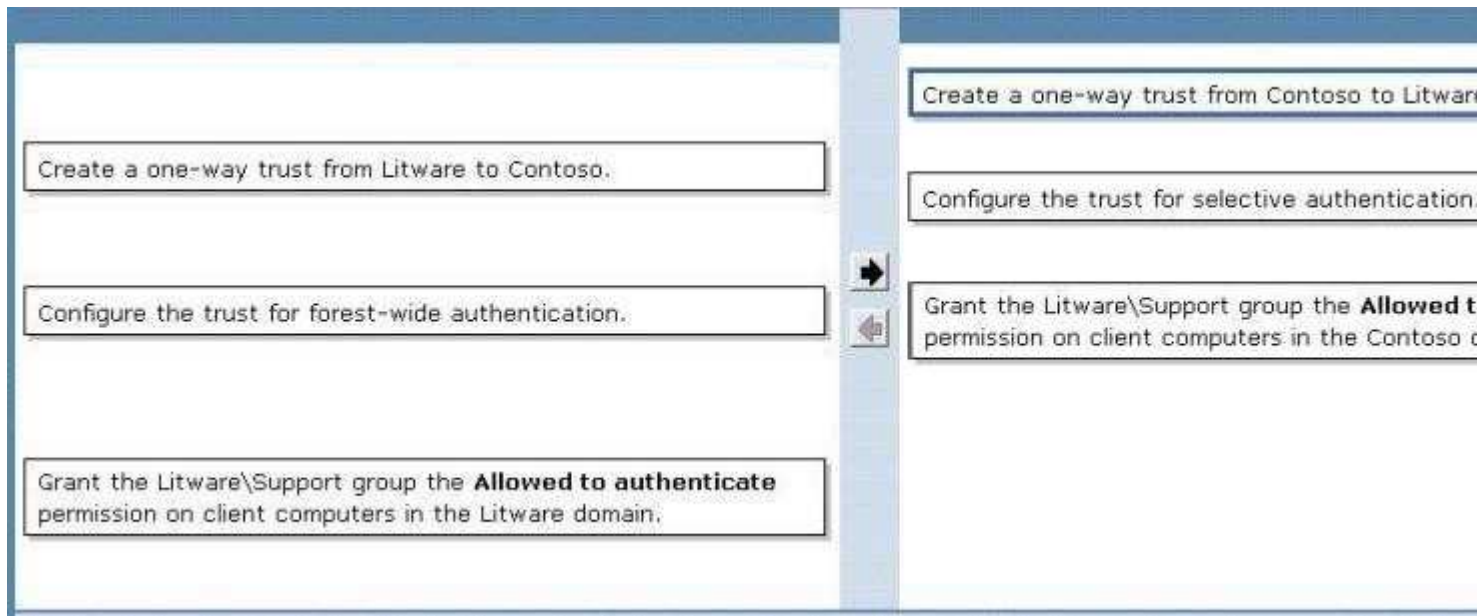
**Select and Place:**

The screenshot shows a drag-and-drop interface with a list of actions on the left and an empty answer area on the right. The actions are:

- Create a one-way trust from Contoso to Litware.
- Create a one-way trust from Litware to Contoso.
- Configure the trust for selective authentication.
- Configure the trust for forest-wide authentication.
- Grant the Litware\Support group the **Allowed to authenticate** permission on client computers in the Contoso domain.
- Grant the Litware\Support group the **Allowed to authenticate** permission on client computers in the Litware domain.

Navigation arrows (right and left) are visible between the list and the answer area.

**Correct Answer:**



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Explanation

Explanation/Reference:



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